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# NORTHROP, KING & CO'S

26<sup>TH</sup> Annual

Offering of Sterling  
U.S. Department of Agriculture  
Washington, D. C.

1910



NORTHROP, KING & CO'S.  
STERLING MIXTURE OF  
SINGLE POPPIES.  
SEE PAGE 56.



26-28-30-32 Hennepin Ave,  
MINNEAPOLIS, MINN.

NORTHROP, KING & CO.  
SEEDSMEN.



View of the Minnetonka Residence of Mr. R. M. Bennett, showing the beautiful Lawn, seeded with Northrup King & Co.'s STERLING LAWN GRASS SEED.

TESTIMONIAL.

MINIKAHDA CLUB.

Minneapolis, Minn., October 7th.

NORTHRUP KING & Co.

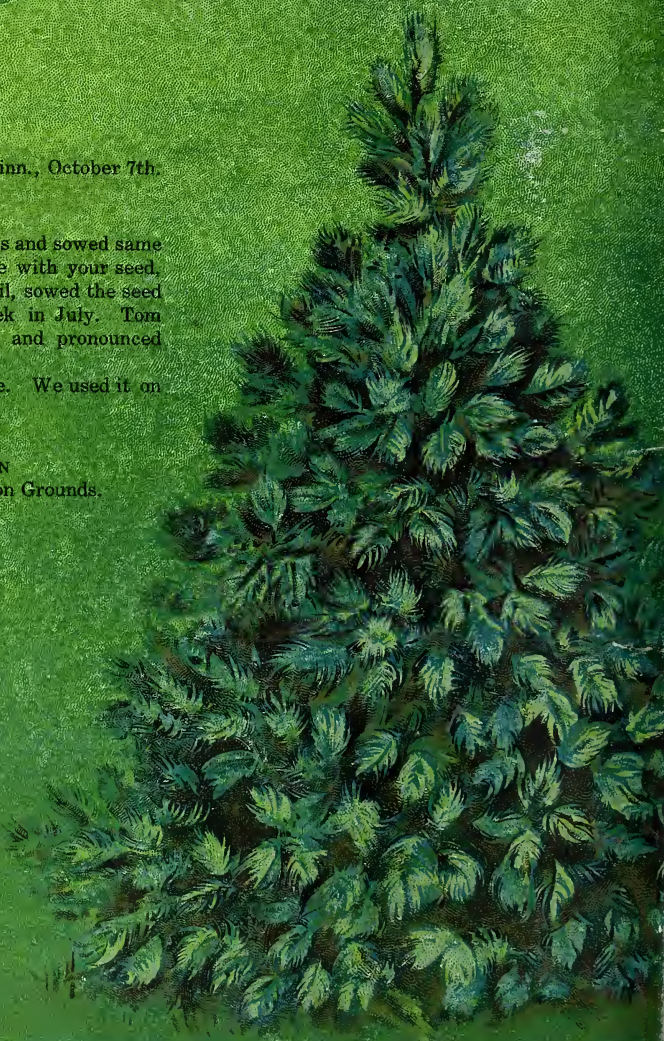
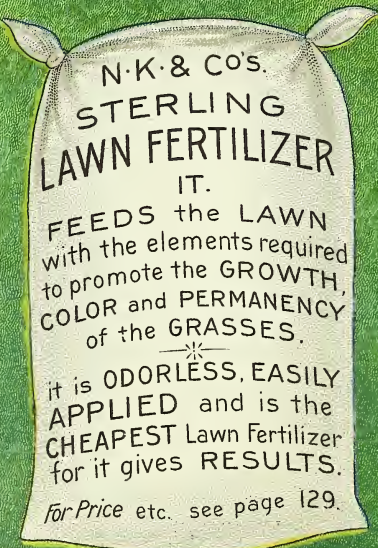
Gentlemen:

Last Spring we enlarged our nine-hole golf course to eighteen holes and sowed same with your Grass Mixture, and, had we not had previous experience with your seed, we would have been astonished at the result, for we plowed in April, sowed the seed in May and were playing golf on the new grounds the first week in July. Tom Bendelow, the well-known golfer, played over our course recently and pronounced our sward the finest he had seen in this country.

I want to say a word also about your Shady Place Grass Mixture. We used it on the wooded portions of our grounds with very great success.

Yours truly,

HENRY J. MORETON  
Chairman Committee on Grounds.



**NORTHRUP KING & CO'S "STERLING" LAWN GRASS SEED.** Sold only in sealed bags. Analyzed as to Purity. Tested as to Germination. Absolutely the Best Lawn Seed that Experience can suggest, or that money can buy.

Price, by mail, postpaid, 35c; by express or freight at purchaser's expense, lb., 25c; 10 lbs., \$2.50; 25 lbs., \$5.50; 100 lbs., \$21.00; bags free.

For particulars of our STERLING, GOLF, SHADY PLACE, TERRACE, and other Grass Mixtures, see pages 82 and 83. **KENTUCKY BLUE GRASS** is the base of all good Lawn Mixtures. The seed generally used weighs from 14 to 16 pounds to the bushel. The seed we use in all the above named mixtures tests 30 pounds to the bushel.







The Northwestern National Bank, Minneapolis, Minn.  
Capital and Surplus \$5,000,000.00. Deposits \$30,000,000.00.

VICE PRESIDENT'S OFFICE,  
THE NORTHWESTERN NATIONAL BANK,  
MINNEAPOLIS, MINN.

December 6th, 1909.  
MESSRS. NORTHRUP, KING & CO.,  
Minneapolis, Minnesota.

Gentlemen: I am very much pleased with the condition of your business as shown by your Annual Statement submitted to us and desire to extend to you the congratulations of our institution on your continued success and progress.

Your work as Seedsmen has fully kept pace with the wonderful growth and development of our "Great Northwest", and its character is attested by the high esteem and confidence with which your house is generally regarded.

With best wishes for your continued prosperity, I am,

Yours very truly,  
E. W. DECKER, Vice-President.

Our terms of sale being cash with order, and as this catalogue will reach many who have not before bought from us, we print the above letter as assurance to such that they are safe in sending money to us, and that it will be promptly refunded in case we are not able to fill the order.

#### WHAT WE GUARANTEE.

We guarantee that if we cannot promptly fill your order for any item that we will at once return the money sent for same.

We guarantee that we will not keep your money, send you due bill or substitute something you do not want.

We guarantee that seeds of our best grades ordered from this catalogue will prove of satisfactory purity and germination to you or they may be returned at our expense and the money paid will be cheerfully and promptly refunded without "ifs or ands".

We prefer that remittance be made by bank draft, express or postoffice money order, and we guarantee that money sent us in that way will reach us.

We accept postage stamps, currency or coin, but we do not guarantee that money sent us in that form will reach us.

**Prices.** The prices named herein are those prevailing at the time this catalogue goes to press and are subject to market fluctuations in value.

**Specialties.** All varieties which have proved by careful test to be of superior quality and to possess other distinctive merits, instead of being listed separately, as is the custom of some seed houses, are included in the regular list, which is arranged alphabetically. All specialties to which we give our special endorsement are marked by the Sterling Bag.



# Northrup, King & Co.'s

## 26th Annual Offering

OF

## STERLING SEEDS

It is with pleasure that we again present our yearly catalogue of STERLING SEEDS.

The very general satisfaction with which our book was received last year and the many kind expressions of appreciation and congratulation which poured in upon us, were not only a justification of our effort in presenting to our customers a really first class work, but are a direct encouragement to us to continue in our desire to give them the best that money and a sincere effort to please and satisfy can procure.

The house that does not advance must decline and give way to the greater energy and enterprise of its competitors; and it is with this belief that we continue our struggle to make each year's work better than the one before, and to give to our customers, who favor us with their confidence, the best service that an experience founded on a generation of careful business study and training can offer.

That these efforts on our part are generally recognized and appreciated is our highest reward.

Each year the list of our patrons has increased until it now includes names not only in every State in our Country, but in many Foreign Countries as well.

This success has not come to us merely by advertising and hard work, but because we have given good value for money received. To the knowledge which an ordinary life time of careful study of the conditions and requirements of our business has given us, we have spared no effort or expense to attract and assist us in our work the highest experience and ability we can secure.

Our constant aim is to improve and secure better seed stocks, which are the result of years of painstaking and conscientious effort. We have also endeavored always to impress upon every one the folly of using low priced, and, therefore necessarily inferior seed, which very often results not only in sacrifice of time and labor, but also in loss, either partial or entire, of crop.

It is our firm belief that our STERLING SEEDS, Northern grown, and which represent many years of careful study and selection, are the very best that can be obtained and that their intelligent use will not fail to bring an abundant reward.

In introducing our 1910 Catalogue, we desire to express our grateful acknowledgements to those who have not only favored us with their orders, but also to those whose kind words of appreciation and satisfaction have been a constant help and inspiration to us in our work; and to repeat again the principle upon which our business was founded, that "We believe that the purchase of a package of Seeds, however small, involves a trust to which the Seedsmen should honorably respond," and it is in this spirit that we again solicit the business of those who may have occasion to purchase Seeds.

NORTHRUP, KING & CO., SEEDSMEN,

January 1st, 1910.

Minneapolis, Minn

#### HOW TO ORDER AND SEND MONEY.

**Seeds by Mail.** Please remember that our prices include the prepayment of postage by us on all seeds ordered by the packet, ounce,  $\frac{1}{4}$  lb.,  $\frac{1}{2}$  lb. and lb., except where otherwise noted. We guarantee the safe delivery of all seeds.

**Seeds by Express or Freight.** At prices herein quoted we deliver seeds to any Express or Railroad Company in Minneapolis. Deduct 10 cents a pound from postpaid prices on seeds ordered by Express or Freight at purchaser's expense. Add 8c a pint or lb., 15c a quart to prices on Beans and Peas, 5c a pint, 10c a quart, to prices on Corn when wanted by mail postpaid. The prepayment of postage applies only to seeds quoted by the packet, ounce,  $\frac{1}{4}$  lb.,  $\frac{1}{2}$  lb. and lb., or when otherwise noted. On everything quoted by the quart,  $\frac{1}{4}$  bu., bushel or 100 lbs., purchaser in every instance is to pay transportation charges. When possible give full shipping instructions. In the absence of these particulars we will use our best judgment. No charges for boxes, bags or cartage on seeds bought at prices herein. By special arrangement with the Express Companies we can ship seeds at a reduction of 20 per cent from the regular rates.

**Name, Address, Etc.** When ordering give name and full address. Many orders reach us every season in which the name or postoffice address is lacking. It is, of course, impossible to fill these orders until they are identified.

**How to Send Money.** Money can be sent safely either by P. O. order, bank draft, express draft, express order or registered letter. If your order amounts to \$1.00 or more it is best to send by one of the above methods. Postage stamps same as cash.

**Disclaimer.** While we exercise extreme care in the filling of all orders for seeds, bulbs and plants, they are after being put in the ground, subject to climatic conditions over which we have no control, and therefore, Northrup, King & Co., give no warranty, express or implied, as to description, quality, productiveness or any other matter of any Seeds, Bulbs or Plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the seeds on these terms, they are at once to be returned.

Our Autumn Catalogue of Winter and Spring Flowering Bulbs, Hardy Perennials, Winter Wheat and other Seeds for fall sowing, Poultry Supplies, etc., is issued about August 1st of each year. This will be mailed to all those requesting it, free of charge.

For Index of Contents, See Page 136.

For VALUABLE PREMIUMS, Pages IV and 108.

# NORTHRUP, KING & CO., SEEDSMEN,

## MINNEAPOLIS, MINN.

# HALF RATES OF FREIGHT ON SEEDS

The Half Rates of Freight are again in effect on

**GRASS SEED, CLOVER SEED, MILLET SEED  
AND DWARF ESSEX RAPE**

From Minneapolis to Northwestern Points.

The Great Northern, Northern Pacific and Soo Railroads have authorized us to state that half rates of freight on Grass, Clover, Millet and Dwarf Essex Rape Seed will again be in effect from January 1st to June 1st for the season of 1910, as follows: To all stations on the Great Northern Railway in Minnesota, North Dakota and Montana, also stations on the Montana Central Railway, stations on

the Wilmar and Sioux Falls Railway in Minnesota; to all stations on the Northern Pacific Railway in Minnesota, North Dakota and Montana; to all stations on the Minneapolis, St. Paul and Sault Ste. Marie Railway in Minnesota and North Dakota.

This rate applies to all shipments of Grass, Clover, Millet and Dwarf Essex Rape Seed, whether in car or less than car lots from Minneapolis to points above mentioned, subject, however, to a minimum charge of 15 cents per 100 pounds in less than car lots and 10 cents per 100 pounds in minimum car lots.

Seed Wheat, Seed Rye, Seed Barley, Seed Speltz, Flax Seed and Grass Seed from Minneapolis to all points on C., St. P. M. & O. and C. & N. W. Rys. in Minnesota, North Dakota and South Dakota, east of the Missouri river; also to points on the P. R. C. & N. W. Ry. The above application to be effective between January 1 and July 1 only. **ONE-HALF OF FOURTH CLASS RATES.**

All rates are subject to cancellation on legal notice. The Chicago, Milwaukee



**WE DID IT.**

& St. Paul Railway has in effect one-half the tariff rate on Grass Seed between Minneapolis and Stations in Minnesota, North Dakota and South Dakota. This rate to be in effect only between January first and July first. The Minneapolis & St. Louis Road has in effect one-half rates on Grass Seeds between Minneapolis and Stations in Minnesota. We are advised that the Chicago, Milwaukee & St. Paul and Minneapolis & St. Louis Railroads will probably put into effect a tariff which, in addition to Grass Seeds, will cover seeds of Clover, Millet and Dwarf Essex Rape.

## HALF RATES FROM MINNEAPOLIS

On Seed Wheat, Seed Barley, Seed Rye and Seed Flax.

The Northern Pacific, Great Northern, the "Soo" and nearly all of the other Roads running out of Minneapolis, during the months of February, March, April and May of each year, apply one-half the regular tariff rates on the above mentioned seeds in any quantity for seeding purposes from Minneapolis to any station on their line, except terminal points. To secure this reduced rate requires special billing. We will make it our business to see that in all instances shipments of seed grain ordered from us are made so as to receive the benefit of these reduced rates wherever they are operative.

Eleven years ago, on the ground that a liberal reduction in freight rates would tend to stimulate an increased sowing of the tame grasses and clovers, we induced the Railroads of the Northwest to consent to a reduction of the rates on the above mentioned seeds to Northwestern points just one-half. In 1905 these rates were withdrawn, but in 1906 we succeeded in having them restored. In December 1907 they were again ordered withdrawn and again we persuaded the Roads to withhold such action. While these special rates are subject to withdrawal on legal notice at any time, we have the assurance of the above mentioned Roads that they will, without doubt, be continued in effect during the seeding season of 1910. We hope that these very low rates may be permanently retained, but of this there can be no assurance, so we urge our customers to buy freely this year when the freight rates are one-half the usual charge and when most of the seeds to which they apply are low in price.

We experience a peculiar and we trust a pardonable satisfaction in having secured from the railroads a concession which has not only hastened the establishment of the important seeds to which the reduction applies, but has saved the farmers of the Northwest thousands of dollars that would otherwise have been paid out in freight charges.



# Corn Insurance

*There is no man owning a home but sleeps more soundly at night from the feeling that it is insured.*

*Farmers who plant our Minnesota grown seed corn, are to a large extent INSURED.*

*These are anxious days for the farmer when, with a crop in sight, he is wondering whether early frosts will not catch his corn.*

*Five or ten days in the latter part of the season are often CRITICAL DAYS.*

*This anxiety and risk may be greatly lessened by planting NORTHROP, KING & CO.'S MINNESOTA GROWN SEED.*

*A VAST AMOUNT OF MONEY would be saved to the country every year if all Northern farmers would use our seed corn.*

**IT IS NORTHERN GROWN. IT IS FIRE-DRIED.**

**IT IS TESTED.**

**WHERE OUR SEED CORN SHOULD BE PLANTED.**

*We recommend our varieties of seed corn for all high latitudes, and for those climates and in those cases where it is desirable that corn should mature in from 80 to 120 days.*

**OUR PRICES.**

*Enquirers sometimes write us that our prices on seed corn are "too high". A bushel of seed corn will plant from six to eight acres. To use our seed will cost, say, 30 cents an acre more than if common crib or ordinary home grown corn is planted. It is therefore evident that if our seed produces one bushel more to the acre, mind, only one bushel more than the cheaper seed, that the entire cost of the seed and freight is paid for by this extra bushel leaving any additional yield as profit.*

*Planters are fast learning that it pays to use the best seed that can be grown. We hope to see the time that when field corn is worth 50 cents a bushel we can consistently ask \$5.00 a bushel for our seed corn and we expect that our successors in business will see the time when \$10.00 a bushel will be a reasonable price for the right kind of seed.*

*This will come when corn growers not only realize that their crop depends upon the ten pounds more or less of seed planted to the acre, but when they will pay the price that will enable the grower to spend the time and money necessary to make seed corn all that it should be. It is*

## GOOD POLICY

*to consider the following facts:*

*Every year much Southern Corn is sold as "Northern Grown Seed Corn".*

*Require a DIRECT STATEMENT from whomever you may purchase seed corn for northern planting, as to WHERE IT WAS PRODUCED.*

*Take no chances as to this.*

**NORTHRUP, KING & CO.,**  
Seed Corn Specialists.

# NORTHRUP, KING & CO.'S PREMIUM COLLECTION OF VALUABLE SEEDS FOR 1910.

With Orders for VEGETABLE or FLOWER SEEDS, as selected from this catalogue, amounting to \$1.00 OR MORE, we will (if requested) send without any charge, either for seed or postage, ten large packages of the vegetable and flower seed specialties mentioned below.

It has always been with us a problem how to quickly make known to our customers the merits of those particular vegetable and flower seeds which we consider the best of their class, so several years ago in an effort to solve this difficulty we arranged an offer under which we sent \$1.00 worth of seeds of our selection, mostly of our STERLING varieties, free of charge to those who purchased vegetable and flower seeds of their own choosing to the value of \$1.00 or over. We continued this distribution for three years, until most of our customers had an opportunity of learning by personal experience how good these sorts were.

We had thought to discontinue this offer, in order that we might receive the benefit of this unusual and somewhat expensive method of advertising, but as this issue of our catalogue will reach many who have not before seen it, we have decided to renew our offer along somewhat similar lines, but to make it, if possible, even more interesting and attractive than ever before. The offer we are now making of vegetable seeds is along the same lines as formerly, partly of our STERLING brands and partly of other varieties, which we consider especially desirable. In flower seeds, however, we have made quite a radical departure. Instead of the STERLING and IMPERIAL strains, which we have before given and which are



It is a Problem.

## OUR PROPOSITION IS THIS:

With orders for Vegetable or Flower Seeds to the amount of \$1.00 or over, as selected from this catalogue, we will send free of any charge either for seeds or postage, one full size package each of the following sorts. We hope as many as possible of those who receive this catalogue may avail themselves of this opportunity. It should be borne in mind that this collection is free. It will not be sold separately.

### One Large Packet of Each of the Following:

**Asparagus, Bonvallet's Giant.** The quickest yielding, heaviest producing Asparagus, of the finest quality. The most disease resisting of any variety. .... Value 10c  
**Cucumber, Northrup, King & Co.'s Pickling.** Fruit is medium length, pointed at each end; color deep green. Very productive. Flesh, crisp and tender and covered with spines. The best sort for those who like a crisp pickled pickle. .... Value 5c  
**Lettuce, The Royal Crown.** A very fine, large heading Lettuce, and one of the most reliable for growing in cold frames during winter and spring. Very crisp and light in color. This variety under good cultivation will produce large, firmly folded heads, with the thick, tender leaves blanched to a rich buttery hue. Also an excellent summer variety of long standing quality. .... Value 10c  
**Onion, Southampton Yellow Globe.** One of the oldest and best types of Yellow Globe Onion. Skin a rich brownish yellow; flesh white, crisp and fine grained. Very uniform with small neck; heavy yielder. .... Value 5c  
**Tomato, Chalk's Early Jewell.** The largest, smoothest and finest flavored, extra

early bright red tomato. About ten days later than Spark's Earliana. It is even a heavier cropper, with tomatoes of larger size and sweeter flavor, produced throughout the season. The plants are of bushy, compact growth, heavily loaded with fruit. The tomatoes are of good size, just right for market; are very solid and deep through, being almost round or globular-shaped; color bright scarlet, ripening to the stem without cracks or green core. The flesh is thick, solid, of fine flavor, with few seeds. The skin is strong enough to make it a good shipping variety. .... Value 10c  
**Daisy, Blue Eyed African.** A remarkably handsome new annual. It forms a branching bush 2 to 3 feet high. Its flowers are large and showy, being pure white on the upper surface, the reverse of petals being a pale lilac blue. It is of easiest culture and flowers from early summer until late fall. .... Value 10c  
**Gaillardia, Blanket Flower.** One of our best annuals, remarkable for the profusion, size and brilliancy of their flowers, continuing in blossom from early summer until frost. The flowers are double and come in various shades of brown, copper and dark yellow. Value 5c

now standard with most of our customers, we are offering several novelties which we do not catalogue, and also some older sorts which are not ordinarily to be found in American gardens, but which should be embraced in all plantings of flower seeds. Most of these varieties have been selected with special reference to their desirability as cut flowers, all of them are beautiful and such as will well reward the care given to them. We have tried to make this collection a memorable one and if it gives pleasure and causes our name to be pleasantly remembered, we shall be satisfied, but we are very sure that those having once used the varieties of vegetable and flower seeds we are including in this collection, will want them every season hereafter. We may also add that, although we do not list all of these sorts, we have arranged to supply all of them in bulk at very reasonable prices to those desiring to sow these seeds in larger quantities.

Remember, please, that while this offer is made especially with the view of attracting new customers, it is open alike to all of our customers, whether new or old. This collection will not be sold. The ten packages are sent absolutely free, postage prepaid, safe arrival guaranteed to all those who order vegetable and flower seeds to the amount of \$1.00 or over, and who ask for them.

**Flower Lawn.** A beautiful mixture of annual Flowers and Ornamental Grasses for sunny positions. Sown in May and June, it will provide a surprise almost every day, not only for the children, but for the grown-ups as well. .... Value 10c  
**Kochia or Burning Bush.** An easily grown annual, which soon thinly in spring soon forms a cypress-like hedge of lively green and of perfect symmetry; it attains a height of about 3 feet, and on the approach of autumn the whole plant becomes a deep red; a splendid plant to divide the vegetable from the flower garden, or for forming a hedge for the summer for any purpose. Highly ornamental. Thrives best in a sunny position. .... Value 10c  
**Hardy Perennial Flower Seeds in Mixture.** Nothing is more attractive than a permanent bed or border of Hardy Perennials. Many of them bloom the first year and continue to bloom year after year, increasing in size and beauty, making a grand and gorgeous display throughout the entire summer. Our selection embraces all of the most popular and hardiest varieties, those that cannot fail to please—embracing a large assortment. .... Value 25c

## PLEASE NOTE CAREFULLY.

This offer is one that we do not expect to again make and is of a character that no purchaser of seeds who is looking for the best can afford to ignore.

**First.** This Free Premium is sent only on orders for Vegetable or Flower seeds or both, amounting to \$1.00 or over, selected by the purchaser from this catalogue at prices herein named and will be sent only if asked for on the order.

**Second.** Only one collection to a customer no matter how large the order. An order for three, four or five dollars worth of seeds, receives but one

collection. We want you to try these varieties, that's all.

**Third.** This offer does not apply to the collection on the back of the envelope in which this catalogue is mailed.

**Fourth.** This special premium offer expires July 1st, 1910.

This offer is made with a view chiefly of attracting new customers, but we want as many of our old customers as possible to avail themselves of receiving Two Dollars value for One expended and especially if there are any of our Sterling varieties which they have not tried. Everyone who "gardens" should seize upon this offer.

## DO YOU WANT PRACTICAL SUGGESTIONS ?

How to grow Cheap Feed for your Cattle  
 How to make Hens Lay in Cold Weather  
 How to grow Alfalfa  
 How to have a Fine Lawn  
 How to grow Cheap Pork  
 How to establish Clover on your Farm

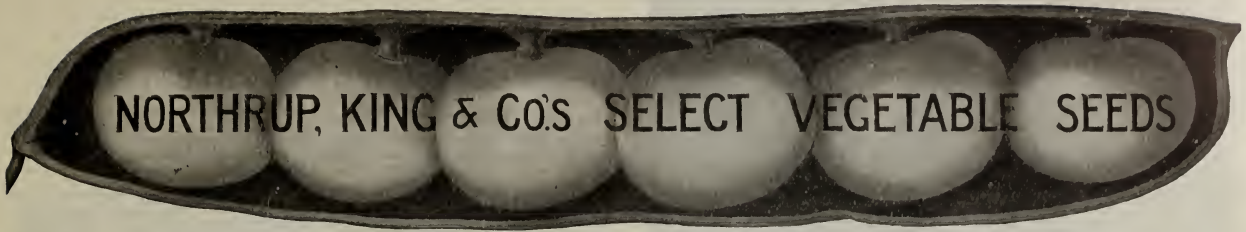
How to kill Insect Pests  
 How to grow Cabbage  
 How to grow Vine Crops  
 How to use Formaldehyde  
 How to grow Field Corn  
 How to grow Onions

How to grow Potatoes  
 How to kill Quack Grass  
 How to grow Roots for your Stock  
 How to make Silage  
 How to make your Flower or Vegetable Garden a Success?

Our seventeen booklets on the above subjects may tell you many things you already know; they are also quite sure, we think, to tell you some things that you do not know. If they give you just ONE IDEA that will save you labor or increase your profits, it is well worth your while to read them.

**Our Offer.** The regular price of these booklets is ten cents each. We will, however, send if requested, a booklet free with orders for each of the articles upon which the booklets treat. For instance, with an order for Clover, we will send a booklet on "Clover for the Northwest;" with an order for Field Corn, we will send a booklet on "Field Corn for the Northwest;" with an order for Poultry Feed or Supplies, we will send a booklet on "Hen Wealth;" with an order for Onion Seed, we will send a booklet on "Onion Culture" and so on through the list. To those who wish to ob-

tain the booklets immediately, we make the following special offer to get them into the hands of users of seeds early in the season. We will send any one booklet, postpaid, for 5 cents; any seven booklets for 25 cents, or the entire library of seventeen will be mailed, postpaid, for only 50c. To make this offer stronger, if on the receipt of the booklets you are not entirely satisfied with the investment, keep the booklets and we will promptly and without question refund the money paid for same. We know these booklets contain information that you will find valuable, that is why we want you to read them.



Our recommendation of the following varieties of vegetable seeds embodies the result of many years experience.

To our own specialties we attach our Sterling Bag Trade Mark. We regard these as being the best of their class.

Great care has been exercised in growing our seeds, they have been thoroly re-cleaned and tested, and in filling orders, every precaution is used to prevent errors. Our prices are as low as good seeds can be sold for, and allow a reasonable profit. Your orders are safe in our hands.

## ARTICHOKE SEED

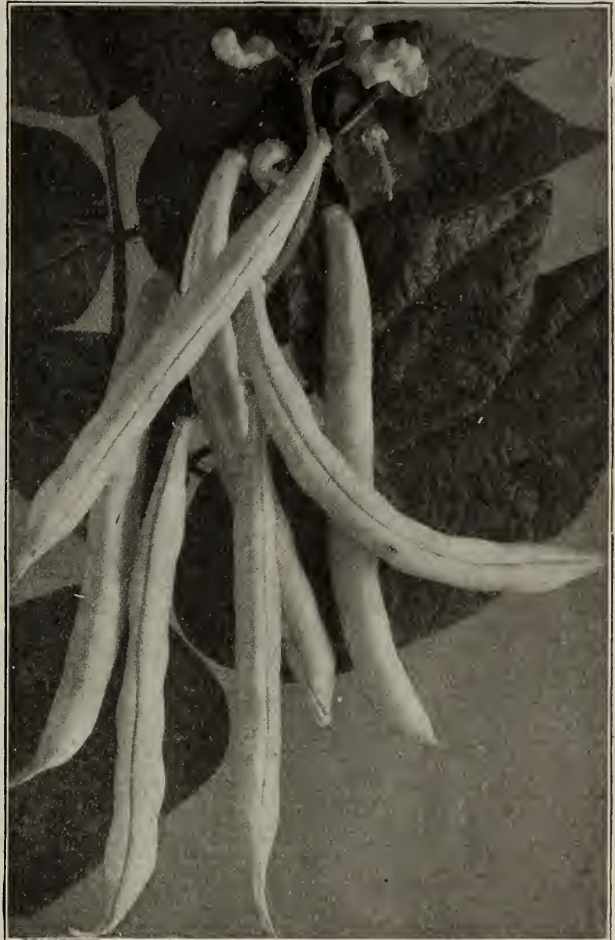
**Green Globe.** Grown for the unripe flower heads, which are highly esteemed by epicures. Large pkt., 10c; oz., 30c; ¼ lb., \$1.00.

## ASPARAGUS SEED

For Asparagus Roots see page 116.

**Columbian Mammoth White.** Gives immense yield of clear white roots. A most distinct and valuable variety. The shoots remain white, without earthing or artificial blanching, as long as fit for use. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c, postpaid.

**Bonvallet's Giant.** The quickest yielding, (a year ahead of seed of other sorts) heaviest producing, finest quality and most disease resisting of any variety. Market gardeners are discarding other well known sorts in favor of this variety. Pkt., 6c; oz., 20c; ¼ lb., 40c; 1b., \$1.35.



Improved German Black Wax Beans.

**Palmetto.** Mammoth in size, even and regular in growth and appearance. Usually ready for market before other varieties. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

**Conover's Colossal.** A standard sort, color deep green, quality first-class, spreads less than other sorts. Yields from 15 to 30 sprouts from a single plant. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 55c.

## BEANS

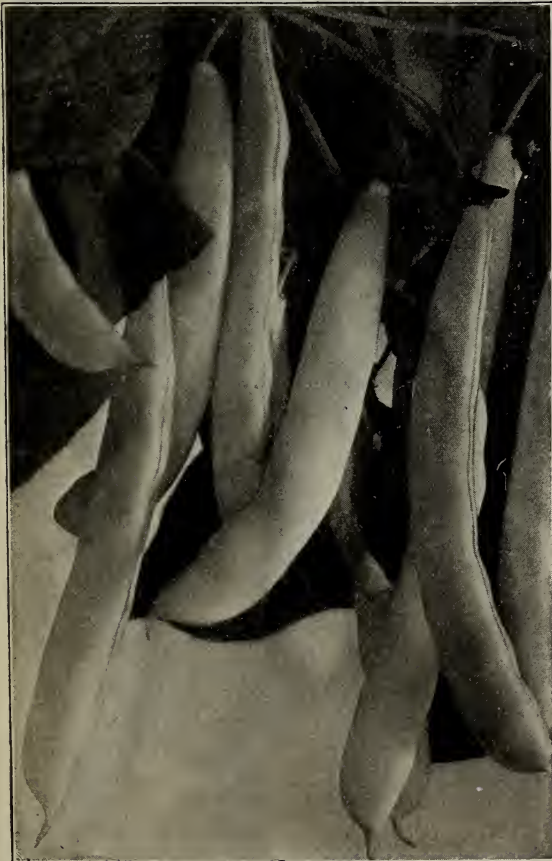
If beans are to be sent by mail, add 8 cents a pint or a lb., 15 cents a quart to the following prices. We pay postage on all packets.

### DWARF WAX VARIETIES.

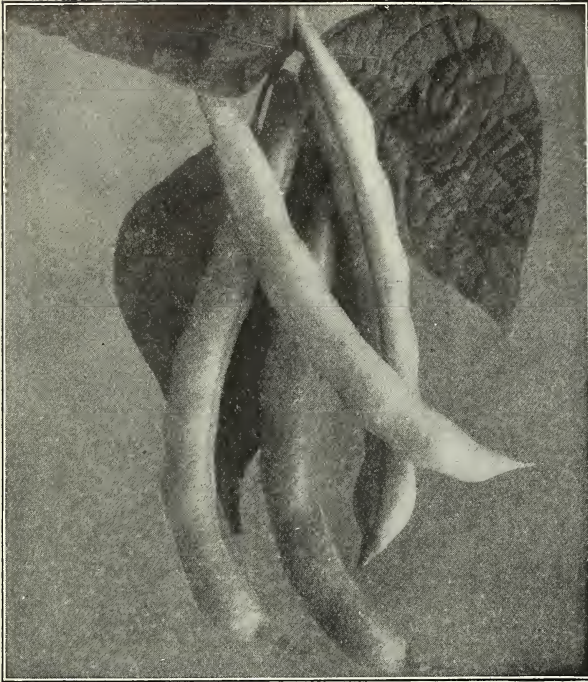
**Improved German Black Wax.** Vines medium sized, hardy. Pods medium length, curved, cylindrical, fleshy and of a clear yellowish white. Remain for some time in condition for use. Seed small and black. Pkt., 5c; lb., 20c; pint, 20c; qt., 30c; ¼ bu., \$1.60; bu., \$5.50.

**Currie's Rust Proof Wax.** A very early, beautiful wax bean, bearing an abundance of crisp, tender, stringless pods, free from rust. It is of excellent quality and delicious flavor. Seed kidney-shaped. Pkt., 5c; lb., 20c; pt., 20c; qt., 30c; ¼ bu., \$1.60; bu., \$5.50.

**Improved Golden Wax.** The plants are hardy and bear an abundance of straight, broad, flat pods. Resist rust to a marked degree. Seed white, with brown or black markings near the eye. Pkt., 5c; lb., 20c; pt., 20c; qt., 30c; ¼ bu., \$1.60; bu., \$5.50.



Improved Golden Wax Beans.



Stringless Green Pod Beans

## DWARF OR SNAP, GREEN POD VARIETIES

**Stringless Green Pod.** The finest green pod stringless bean. The earliest and hardest of all green-podded sorts and produces large, handsome pods, some of which measure fully six inches in length. The plants are very productive, bearing profusely the beautiful green pods, which are perfectly round, straight, broad, tender, brittle, of the finest flavor, very fleshy and entirely stringless. Pkt., 5c; lb., 20c; pt., 20c; qt., 30c; ¼ bu., \$1.50; bu., \$5.00.

**Early Mohawk.** Vines large, stout; pods, long, straight, coarse, flat, with long tapering points; seed long, kidney-shaped, color drab, purple and brown. Pkt., 5c; lb., 15c; pt., 15c; qt., 25c; ¼ bu., \$1.30; bu., \$4.50.

**Extra Early Red Valentine.** (Round Pod.) Pods are usually ready to pick in about forty-three days from germination. Vine erect; pods medium length, curved, cylindrical, with crease in back, very fleshy, crisp and tender; seed long, of medium size. Pkt., 5c; lb., 15c; pt., 15c; qt., 25c; ¼ bu., \$1.30; bu., \$4.50.

**Refugee.** Late or 1000 to 1. Vine large, spreading, exceedingly hardy, very late, and for this reason used for late planting and for pickles. The pods are long, cylindrical, green and of good quality. Pkt., 5c; lb., 15c; pt., 15c; qt., 25c; ¼ bu., \$1.30; bu., \$4.50.

**Bountiful.** The plant is very handsome and of sturdy growth, being practically immune to rust and mildew. It is very hardy, early and prolific and continues in bearing for several weeks. The pods are of immense size, rich green, thick, broad, extra long, solid, meaty, rich, tender and entirely free from string. Pkt., 5c; pt., 20c; lb., 20c; qt., 35c; ¼ bu., \$1.50; bu., \$5.00.

**Long Yellow Six Weeks.** Early, productive and of excellent quality; pods often eight inches long; a popular variety. Pkt., 5c; lb., 15c; pt., 15c; qt., 25c; ¼ bu., \$1.30; bu., \$4.50.

**Longfellow.** Produces an abundant crop of round, straight, solid fleshy pods, averaging 6½ inches long. The pods are very tender and brittle and have no string until allowed to get old; retains its delicate green color after being cooked which adds much to its palatability. The plants are strong, healthy and productive, maturing the crop very evenly. It is very early, the pods being ready to gather several days before other green pod beans of the same size and quality. Pkt., 5c; pt., 20c; lb., 20c; qt., 35c; ¼ bu., \$1.35; bu., \$4.50.

## DWARF OR BUSH LIMA VARIETIES.

Those who have not grown the Dwarf Lima Beans should try them. No garden is complete, no table properly supplied without them.

**Quarter Century Bush Lima.** It is with decided pleasure that we offer this new bush lima bean. It is a more bushy character than other varieties, the pods being borne nearer the stalk. It is very productive and in quality and flavor is unsurpassed. Try this bean; you will not be disappointed. Pkt., 10c; lb., 20c; pt., 20c; qt., 35c; ¼ bu., \$2.00.

**Burpee's.** The bushes are 18 to 20 inches high, of stout, erect growth, branch freely, forming large circular plants from two to three feet in diameter. Very prolific, bearing large beautiful pods well filled with large beans of the same size and delicious flavor as the pole variety. Pkt., 10c; lb., 20c; pt., 20c; qt., 30c; ¼ bu., \$1.75.

**Dreer's.** The pods are short but thick, containing three to four very thick, short beans, closely packed. This variety is later than Burpee's but the plants are very productive and the beans are easily shelled and of delicious flavor. The vines are not erect, but trail over the ground about three feet. Pkt., 10c; lb., 20c; pt., 20c; qt., 30c; ¼ bu., \$1.75.

# BEANS

## DWARF WAX VARIETIES.

**Davis Kidney Wax.** The most hardy and productive wax bean. The pods are long, white, straight, crisp and tender. The vine is rustless and very vigorous, bearing the pods in clusters. Seed kidney-shaped and white. For canning this is unexcelled on account of the purity of the pod and bean. Pkt., 5c; lb., 20c; pt., 20c; qt., 35c; ¼ bu., \$1.50; bu., \$5.25.

**Perfection Wax.** Very productive; the large flattened pods laying in clusters. Pods are six inches long, a half inch broad, sharply pointed, tender and brittle, with little string. Color, rich golden yellow. Pkt., 5c; lb., 20c; pt., 20c; qt., 30c; ¼ bu., \$1.50; bu., \$5.00.

**Wardwell's Kidney Wax.** The strong vines yield abundantly, long, nearly straight, broad, creamy-white pods. They are of fine quality and a fine variety for the market gardener. Matures a little later than the Golden Wax. Seed large, kidney-shaped, white with dark markings about the eye. Pkt., 5c; lb., 20c; pt., 20c; qt., 30c; ¼ bu., \$1.50; bu., \$5.25.



Davis Kidney Wax Beans.

**Henderson's or Sieva.** Grows erect to a height of 18 to 20 inches and requires no support. Very early and productive. The beans have the true lima flavor, rich, buttery and tender. These beans are at least two weeks earlier than most pole limas. Pkt., 10c; lb., 20c; pt., 20c; qt., 30c; ¼ bu., \$1.60.

# BEANS

## POLE OR RUNNING VARIETIES.

### Northrup, King & Co.'s Big Profit Pole Bean.

Sold only in Sealed Packages.

Two weeks earlier than any Pole Lima.



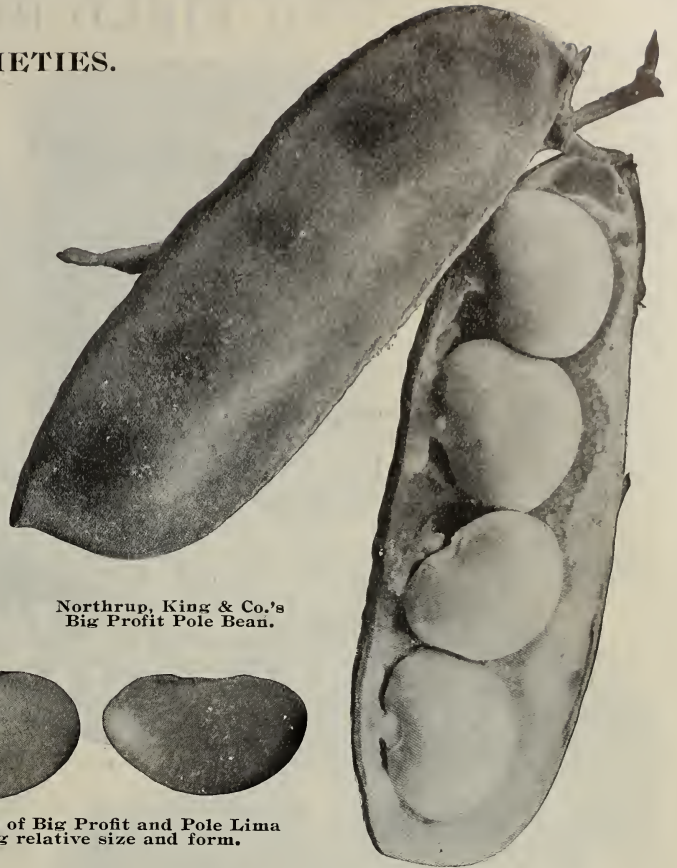
Strictly speaking, this is not a lima bean, but, as will be seen by the accompanying photographs of the seed, it bears so close a resemblance to the lima that with one important exception, it almost might be called such. The exception is, that the Big Profit Bean is fully two weeks earlier than any Pole Lima. The full significance of this fact can only be fully understood by those who grow pole beans for market, as shelled beans are eagerly looked for by purchasers and the first to appear on the market always sell at high prices, usually from 40 to 60 cents a quart.

Our illustration of the pods shows them in reduced size. The beans are large, thick and luscious, and are borne four or five in a pod. The vines are strong and thrifty, cling tightly to poles and bear abundantly, the pods hanging in bunches or clusters. No lima bean can surpass the N., K. & Co.'s Big Profit in quality; it has the same rich, buttery flavor, always desired but seldom found. Gardeners will make no mistake in testing this new, extra early Big Profit Pole Bean. Pkt., 10c; lb., 25c; pt., 25c; qt., 40c; 1/4 bu., \$2.00.

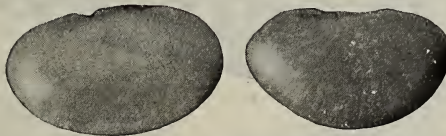
Proved Your Claims For Earliness.

*I trucked four acres this season as an experiment. Your seed was planted side by side with local seed in each case, so that fair comparisons could be made, and yours won out in every instance. The Big Profit Pole Beans outyielded and outpointed the Ideal and Leviathan varieties and Dreer's Improved Lima, and also proved your claims for earliness.*

A. B. ROSS, Schellburg, Pa.



Northrup, King & Co.'s Big Profit Pole Bean.



Dried Beans of Big Profit and Pole Lima showing relative size and form.



Kentucky Wonder Pole Beans.

- Large White Lima.** Vine tall, growing vigorous but slender; leaves medium sized, smooth, light green; pods borne in clusters; are long, broad, very thin, dark green; seed large, flat, greenish-white. Large pkt., 10c; lb., 20c; pt., 20c; qt., 30c; 1/4 bu., \$1.50.
- King of the Garden Lima.** The vines are very vigorous and prolific. Pods are of large size, filled with four or five large beans of very fine quality. The beans are easily shelled and of handsome appearance. A favorite with market gardeners. Large pkt., 10c; lb., 20c; pt., 20c; qt., 30c; 1/4 bu., \$1.75.
- Kentucky Wonder.** (Old Homestead.) This climbing variety is very vigorous and productive and bears its pods in large clusters. The pods are green, very long, often being nine or ten inches, nearly round, very crisp, and so fleshy that they are greater in width than breadth. The seed is long, oval, dun-colored. Very early, and the best to use in the green state. Large pkt., 10c; lb., 20c; pt., 20c; qt., 30c; 1/4 bu., \$1.50.
- White Creaseback.** A fine, early, green-podded, pole bean of rapid growth and very productive. The pods grow in clusters and are from five to six inches in length, perfectly round and deeply creased. They are very fleshy, stringless and of the best quality. The beans are white and are excellent shelled for winter use. Large pkt., 10c; lb., 20c; pt., 20c; qt., 30c; 1/4 bu., \$1.75.
- Lazy Wife.** So named on account of the large number of pods it affords, making it easy to obtain a supply. One of the best varieties for snaps of the late green-podded pole beans. The pods grow in large clusters, are five to seven inches long, broad, thick, fleshy, and entirely stringless. They have a rich, buttery flavor. The dry beans, which are white, are fine for winter use. Large pkt., 10c; lb., 20c; pt., 20c; qt., 30c; 1/4 bu., \$1.75.
- Golden Cluster Wax.** The vines are large, vigorous, and hardy; pods six to eight inches long, borne in clusters; color, yellow to white; broad, thick, fleshy and of the very best quality. Seed, oval, dull white in color. Large pkt., 10c; lb., 20c; pt., 20c; qt., 30c; 1/4 bu., \$1.75.
- Scarlet Runner.** Ornamental and useful. The vine is graceful; flowers are of a brilliant scarlet, and the beans are of an excellent quality, either when shelled or in a dry state. Pkt., 5c; lb., 20c; pt., 20c; qt., 35c; 1/4 bu., \$1.75.

### WHAT GROWERS THINK OF OUR BEANS.

- Wonderful Bearer.**  
*I bought of you last spring two packages of Beans, Stringless Green Pod, which is a fine variety; and Kentucky Wonder, which is a wonderful bearer and of exceptionally fine quality.*  
(MRS.) JOHN BURK, Jefferson, Iowa.
- Recommends It.**  
*I especially recommend the Bountiful Stringless Bean.* BERT VAN HOUTEN, Sidney, Iowa.
- Were Simply Fine.**  
*Your seeds were all right. Everything that I planted did well. The beans were simply fine, and the White Dent Corn also.*  
C. F. HILL, Blue Mountain, Ark.
- Most Satisfactory.**  
*I have found your seeds most satisfactory, especially the Wardwell's Kidney Wax Beans and Sterling Beet. I also think you have been very generous with your premiums.*  
(MRS.) C. J. B. HOFFMAN, Moffit, N. D.
- Gave Splendid Satisfaction...**  
*Have used your seeds for two years, that being ever since I have lived in the North. Your seeds have given splendid satisfaction, especially lima beans, tomatoes and cabbage.*  
(MRS.) A. SMITH, Aurora, S. D.
- Pleased Beyond Words.**  
*We are pleased beyond words with your seed, especially your Kentucky Wonder or Old Homestead Beans.* (MRS.) P. WALINE, Victor, Iowa.
- On Our Golden Wedding Celebration.**  
*We used your seeds four years. We were married in the fall of 1904 and moved on a home-stead. My husband asked me where we should send for our garden seeds and I replied to N., K. & Co., as I believed they were an honest seed firm. We find that your seeds give the best of satisfaction and expect to be using them when we celebrate our golden wedding.*  
(MRS.) N. H. ROHR, Sprucedell, Minn.

# FIELD BEANS

## California Wonder or Improved Tree Bean.

**Demand.** The bean crop of our country amounts to millions of bushels a year, but this enormous quantity is hardly sufficient to supply the demand. Boston is generally known as the home of "Boston Baked Beans." However, the increasing popularity of this staple food is fast building up other centers, where large canning factories are turning out baked beans to the limit of their capacity. This output is being judiciously advertised in all the leading magazines, creating such a trade for this delicacy that the growing of beans will prove profitable in many localities.

**Pure Seed.** It is to us a source of constant wonder that bean growers, otherwise intelligent, should plant mixed seed. A visitor to the commission houses of any large city can see thousands of bushels of beans, clean, bright and of good sample, but badly mixed as to variety.

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BY  
NORTHROP, KING & CO.



**Greatest Yields I Ever Saw.**  
*Your California Wonder Bean is the greatest yielder I have ever seen. I have just shelled the beans from one stalk and have 900 beans.*  
L. R. CROCKER,  
Minnesota.

**SEVEN POINTS OF MERIT**  
of the CALIFORNIA WONDER BEAN.  
Productiveness, Whiteness, Small Size,  
Uniformity, Salability, Upright  
Growth, Fine Quality.

The California Wonder Bean has other valuable characteristics which commend it to every grower of beans.

**Greatest Yields I Ever Saw.**

*The California Wonder Bean I bought of you last year was the greatest yielder I ever saw. I shall plant more this year. I planted them too thick last year as they branch more than other beans.*

J. H. LOVEWELL, Westminster, Mass.

This always results in a loss to the grower, as any variety of beans in order to bring the highest market price must be straight stock. Let us say, for example, that straight Navy Beans are worth \$2.50 a bushel; Medium Beans, \$2.25; Marrows, \$2.35. If mixed with each other they will sell at a discount of from 50c to \$1.00 a bushel from these prices. Let us do a little figuring and see what farmers will gain by planting pure seed, taking 30 bushels an acre as a crop. Additional price of 50c a bu., 30 bu., \$15.00; less extra cost, 1/2 bu., of seed, \$1.00; net gain, \$14.00.

Can farmers afford to lose \$10.00 to \$20.00 an acre when they can gain from one to two thousand per cent on the investment by planting pure seed?

**Cultivation.** Next in importance to pure seed is the selection of the soil in which they are to grow. It is true that beans thrive on most all soils but greater results are gained by the liberal use of fertilizer or planting in light, rich, well drained loam. Beans are extremely sensitive to frost and moisture. It is useless to plant them before all danger of frost is past and the ground is warm. Sow the seed in drills three feet apart and four to eight inches apart in the row. They should be frequently cultivated up to the time of blossoming, but this should never be done when the ground or plants are wet with rain or dew, as it will be sure to injure them. If disturbed while in bloom, it will prevent their setting well.

**Marketing.** After the beans are harvested and threshed, run them through a fanning mill to take out all the broken beans, and the pods and stems. Hand picking will add considerably to their value, taking out all dark or discolored beans. If a canning factory be near, they will gladly pay a premium for clean, uniform seed. It is frequently desirable to ship the beans to a reliable commission house in the larger cities, or if that is not convenient, the country merchant will be willing to handle them for you.

The raising of beans will reward the grower on account of the price to be realized. On the Minneapolis market today No. 1 Navy Beans are bringing \$2.25 to \$2.50 a bushel.

**This Beats Them All.**

*Your California Wonder Bean yielded enormously. I have selected three of the best stalks and counted the beans on them. One gave 1,368, the second 882 and the third 871, in all 3,621 matured beans from only three beans planted. This I think will pretty nearly beat them all.*

L. O. MOLIN, Lewis Lake, Minn.

**Seeds Prove Best.**

*I have dealt with your firm for the past six years and find that your seeds prove best for this country. I planted 1/2 pint of your California Wonder Beans and gathered even 60 pounds.*

(MRS.) E. M. ROYELS, Culbertson, Mont.

**The Most Productive.**

*The California Wonder Bean was the most productive I ever saw. From the contents of one packet I raised seven quarts of fine beans.*

JOHN H. WARD, Washington.

**Big Yields.**

*I planted a pint package of California Wonder or Improved Tree Beans last season and raised about three bushels of fine beans.*

HENRY D. R. BRAINARD, Stacyville, Iowa.

**Choice Navy.** Our stock of this well known variety has been far superior to beans commonly offered as "Navy Stock." Large pkt., 5c; lb., 12c; pt., 12c; qt., 20c; 1/2 bu., 90c; bu., \$3.00.

**Red Kidney.** A very fine variety for baking. Large pkt., 10c; lb., 15c; pt., 15c; qt., 25c; 1/2 bu., \$1.00; bu., \$3.50.



Boston Yellow Eye Baked Beans.

**Boston Yellow Eye.** Almost every one who has lived in New England knows the Boston Yellow Eye Bean. While much larger quantities of white beans of the Navy type are used than of all other varieties combined, those who know about the Boston Yellow Eye prefer them to any other bean for cooking, as they possess a richness and flavor known to no other variety. As a shell bean they have no superior, and for cooking in a dry state, no equal. Any surplus one may grow above requirements may be easily sold at from \$1 to \$2 a bushel above the price of any white beans, when their superior quality is known. We strongly recommend the planting of the Boston Yellow Eye. Once used, they are always wanted. Large pkt., 10c; lb., 15c; pt., 15c; qt., 25c; 1/2 bu., \$1.25; bu., \$4.50.

# BEET

## Northrup, King & Co.'s Sterling.

Sold only in Sealed Packages.



In this beet we offer our customers a decided novelty. It is as early as Eclipse, perfectly globe shaped, with a single tap root, and of the richest color of any of the beets.

It is a splendid keeper, is not excelled in yielding qualities by any other sort, is exceedingly tender, fine and sweet and is unequalled for table use.

Market gardeners will find our Sterling a very profitable variety to grow, as no other sort approaches it in attractiveness. Exposed on the market by the side of other beets, it at once catches the eye of the customer and completely dwarfs in appearance all other sorts. Large pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00 postpaid.

### WHAT BEET GROWERS THINK.

#### Extra Fine.

*Your Sterling Beets are extra fine. For a long time we have been trying to get dark red beets of good quality and always failed until we got the Sterling. No one should be afraid to send to you for garden seeds, as they are always true to name.*

(MISS) IDA HAGAMAN, Anamosa, Iowa.

#### Very Productive.

*I had fine luck with the Sterling Beet. I raised over two thousand pounds from a quarter pound of seed. I will send for more soon.*

WALTER M. WILLIAMS, Willow Creek, Mont.

#### Grow Better.

*Have used your seeds for five years and they grow better than any other, especially the Sterling Beet. They never go to seed like other beets.*

(MRS.) T. ROLLINS, Everett, Wash.

#### A Sure Winner.

*Your seeds have given perfect satisfaction in every instance. Your Sterling Beet is a sure winner, and I think all who give it a trial will become a permanent customer. No one can make a mistake by using your Sterling seeds.*

J. M. DUNLAP, Vicksburg, Ky.



Northrup, King & Co.'s

Sterling Beet.

## Northrup, King & Co.'s Market Gardener's.



(Sold only in sealed packages.) This is the ideal beet for market gardeners and the home garden. It is very symmetrical, with small tap root and but few fibrous roots; color outside is deep blood-red; inside, layers of blood-red and light-red alternately. When cooked they are a beautiful dark red throughout, fine grained and unsurpassed in quality. It continues to grow until late in the fall, attaining a large size and making a good selling and eating beet for winter. One sowing only is necessary to produce early beets for market and main crop for winter use. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c.

#### Recommends It Very Highly.

*I believe your seeds to be first-class and exactly as represented in your catalog. The Market Gardener's Beet I recommend very highly.*

S. A. GARBER, Skermo, N. D.

#### Sweetest Beets I Ever Ate.

*I have always found your seeds perfectly satisfactory. The Market Gardener's and Sterling Beet seeds grew the sweetest beets I ever ate.*

(MRS.) J. A. SEARLES, Knoll, S. D.



Crosby's

Egyptian Beet.



Northrup, King & Co.'s Market Gardener's Beet.

**Crosby's Egyptian.** An improvement on Extra Early Egyptian, being as early, but of more desirable shape, color and quality. It is very sweet and tender; a most valuable sort for early market as it is ready before any other beet of equal quality. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c.

**Extra Early Egyptian.** The earliest. Turnip shaped, small, symmetrical, deep blood color. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 55c.

**Crimson Globe.** A very handsome variety of medium size, nearly globe-shaped, free from rootlets, leaving the surface smooth. The flesh is a rich, blood-red of the best quality, sweet and tender, never stringy. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

**Edmand's Improved Blood Turnip.** A handsome, clean, turnip-shaped blood beet. Skin and flesh are of a deep blood-red, sweet and tender in quality, and unsurpassed for solidity and keeping purposes. The roots grow regular and are of right marketable size. Tops are small, allowing them to be grown closely together. They mature early and give every satisfaction as a bunching sort. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 70c.

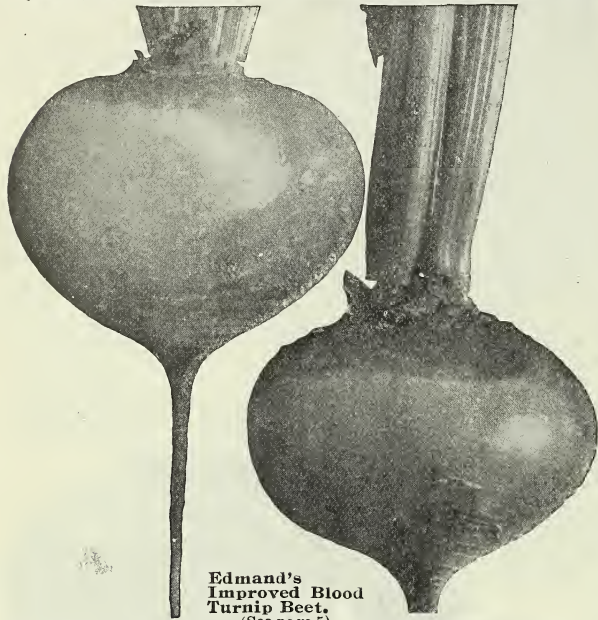
**Eclipse.** Makes rapid growth. Top small, quality fine, larger than ¼ lb., 20c; lb., 55c.

**Early Blood Turnip.** Roots turnip shaped, deep crimson, tender and sweet. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 55c.

**BEET**

**Detroit Dark Red.** Roots globular; smooth with small tops; skin blood red; flesh dark red, zoned with a lighter shade; tender and sweet. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**Fireball.** A splendid new variety especially adapted for market gardeners, being suited for forcing under glass and for open-ground culture. It is perfectly globe-shaped and very early, maturing some days before Crosby's Egyptian. The leaf stalks and single, tiny tap-root are very small, making it valuable for both early and late sowing in frames. The



**Edmond's Improved Turnip Beet.**  
(See page 5)

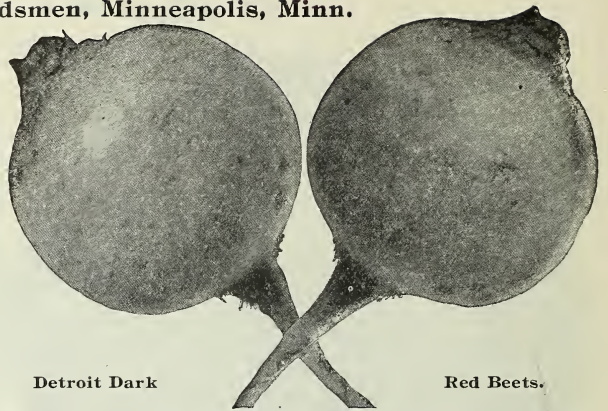
skin is smooth, the flesh is very sweet, solid and an intense bright red in color. For the home garden this beet will be found very desirable as it retains its freshness and high quality without becoming tough. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**Mangel Wurzel.** (Stock Feeding Beet.) Our trade on mangel seed continues to grow from year to year. See page 118 for varieties and prices.

**Sugar Beet.** These beets are being grown very extensively and provide a very inexpensive stock food. See page 118 for varieties and prices.



**Snow White Broccoli.**



**Detroit Dark**

**Red Beets.**

**Half Long Blood.** This is rapidly becoming a very popular sort and will probably produce more bushels from a given area than any other sort, as it does not occupy so much space in the row as the turnip-shaped varieties. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

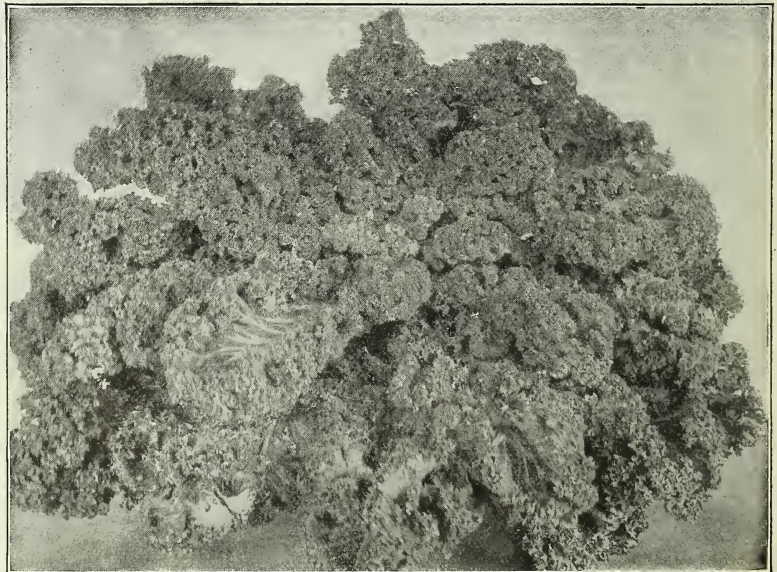
**Improved Long Blood.** One of the best and most popular table beets, especially for autumn and winter use. Our seed has been grown from selected roots, and we can recommend it as a superior stock. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 50c.

**Swiss Chard or Spinach Beet.** This variety does not produce an edible root like the regular garden beet, but is highly esteemed for the broad, white leaf stalks and midribs which are cooked and served in the same manner as asparagus, making a most delicious vegetable. The leaves are also cooked like spinach and considered equally as palatable. Two separate dishes may thus be grown from one plant at the same time. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**BRUSSELS SPROUTS**

Brussels Sprouts are highly valued in all European countries, but are not generally appreciated here. Thousands and thousands of native born Americans have never tried them and do not know what palatable and nutritious vegetables they are. They should be in every garden.

**Improved Dwarf.** The stem which usually grows from 20 inches to 2 feet in height, is covered with "miniature cabbages" which may be boiled like cabbage or cooked in cream like cauliflower. They are by all means the most delicious and delicately flavored of the cabbage family. Cultivated same as cabbage. On this variety the heads grow very closely and its quality is the finest. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50, postpaid.



**Dwarf German Kale.**

**BORECOLE or Kale.**

**Dwarf German.** (Dwarf Curled Scotch Kale.) This is more hardy than cabbage and makes excellent greens for winter and spring use. The leaves are curly, bright green, very tender and delicate in flavor. Sow seed in May or June, transplant in July and cultivate same as cabbage. For early spring use, sow in September; protect over winter with a covering of straw or litter. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 60c, postpaid.

**BROCCOLI**

**Snow White.** Forms heads very much like a cauliflower, but is much hardier, and gives excellent results in cool localities. It is not as valuable as the cauliflower in warm or dry climates, nor of so good quality. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.75, postpaid.



# CABBAGE

The Largest Early Cabbage



## Northrup, King & Co.'s Washington Wakefield Cabbage.

**"First in Head; First in Market, First in the Hearts of Gardeners."**

Sold only in Sealed Packages.



We introduced this remarkable cabbage sixteen years ago. It met with so hearty a reception from every one who grew it that it seemed as tho every one who tried it must have written to make known their satisfaction. Every year we receive a great many letters of praise and congratulation regarding the Washington Wakefield Cabbage. No other cabbage of which we have knowledge has aroused such enthusiasm among cabbage growers as has our Washington Wakefield. It has the same general characteristics of other Wakefield cabbages, the heads being conical with a rounded or blunt point. It is however, far superior to other strains of Wakefield cabbage, being nearly double the size and of better quality, and at the same time is fully as early. It has few outer leaves, permitting close planting, so that more heads can be grown to the acre than with other sorts. Large pkt., 10c; oz., 30c; ¼ lb., 95c; lb., \$3.00, postpaid.

### Can't Be Beat.

*Your Washington Wakefield Cabbage can't be beat for large and early heads. Will grow larger than any early cabbage I ever saw. I have used your seed for eight years.* A. M. MADDY, Knoxville, Iowa.

### Would not do Without Them.

*Your seeds always have given perfect satisfaction. Your Washington Wakefield and Harvest Home Cabbages are varieties that have proved especially satisfactory. I would not do without them as long as they can be obtained.* (MRS.) AMANDA KAMHOLZ, Centerville, Wash.

### Especially Well Pleased.

*I have always been well satisfied with your seeds for the last ten years, and have been especially well pleased with the Washington Wakefield Cabbage, although I never had any reason to complain about any seeds purchased from your house.* LUCIA HUBBARD, Mt. Tabor, Wis.

### The Best.

*I have been using your seeds for fifteen years and will buy no other when yours can be obtained. Your Washington Wakefield Cabbage is the best.* THEO. KNIGHT, Deer Park, Wash.

**The Best Early Cabbage.**  
*Your Washington Wakefield Cabbage is the best early variety I ever raised.* ANNIE OLIVER, Columbia, Iowa.

**Couldn't Get Along Without It.**  
*I could not get along without the Washington Wakefield Cabbage. It is good both for early and late.* (MRS.) C. W. MENSER, Egeland, N. D.

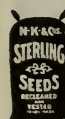
**Two Weeks Ahead.**  
*Your Washington Wakefield Cabbage was the best I ever saw. Had cabbage two weeks before any one else.* (MRS.) DAN BILADEAU, Nymore, Minn.



Northrup, King & Co.'s Discovery Cabbage.  
The Earliest Flat Heading Variety.

## Northrup, King & Co.'s New Discovery

Sold only in Sealed Packages.



This valuable new cabbage will fill a very distinct field as the earliest flat heading sort. Truckers generally prefer flat heading cabbages to the pointed sorts, but, up to this time, none have been developed that are as early as the Wakefields. Our Discovery Cabbage is as early as the Wakefields, in fact it might properly be termed a Flat Wakefield for it has the thick, heavy leaves of the Wakefields, here, however, the resemblance ceases as the head is distinctly flat and of compact growth. This enables the grower to plant closely, and he can secure a large crop from an acre because it is so reliable about heading. The heads are, as a rule, quite as large as those of the Early Spring, and enough earlier in our judgment to make it more profitable to gardeners, besides being, we think, less subject to disease. Large pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50, postpaid.

# CABBAGE

**Early Summer.** Deservedly popular with market gardeners throughout the country. It forms large, solid, round, flattened, compact heads of excellent quality, tender and sweet. The heads average over double the size of the Jersey Wakefield, weighing eight to ten pounds each, while it matures only ten or twelve days later. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.00.

**Early Spring.** A flat heading sort which has become popular on account of its earliness. The head is very solid and shapely, and as it forms quickly, may be marketed at a very early stage of its growth, enabling the grower to realize fancy prices. The quality is excellent, tender and of fine flavor. Prices, large pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65c; lb., \$2.00.

**Express.** A very early variety forming small oval heads, with round, thick leaves. The head is a little thicker, less pointed and slightly later than the Early Jersey Wakefield. A fine shipping sort. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

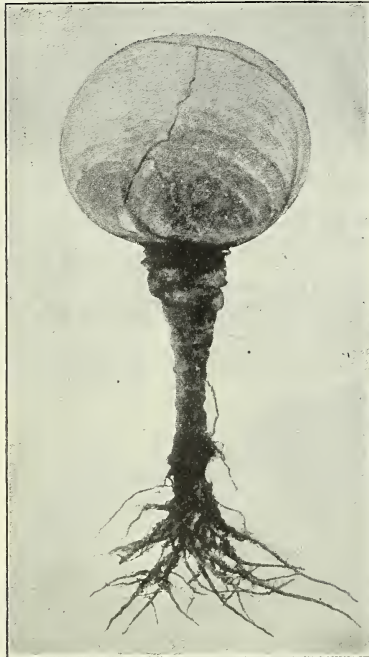
**Early Winnigstadt.** Very early. The leaves are dark green and very tightly folded, making it the hardest of any early cabbage. This variety seems to suffer less from the cabbage worm than most other sorts. Heads are regular, conical and keep well both summer and winter. Our seed has been especially selected. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 45c; lb., \$1.50.

**Large Late Drumhead.** Grows a very large solid head often reaching a weight of twenty to thirty pounds. There is little outer foliage, the leaves all folding in closely about the head. A fine winter variety. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.00.

**Allhead Early.** Earlier than any other large cabbage, larger than any other early cabbage. Heads deep, flat, solid, uniform and very tender owing to its rapid growth. An all-the-year-round cabbage. We consider this one of the best second-early sorts on our list and recommend it both for home and market use. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.00.

## Danish Roundhead.

An earlier, shorter stemmed improved strain of the Danish Ballhead Cabbage. The heads are hard and very solid and mature about two weeks in advance of the Ballhead. They also average a little larger and heavier. The inner leaves are blanched almost pure white, are of sweet flavor, crisp and tender. It is less liable to blight and shows vigorous growth even in the hot summer. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.75.



Danish Roundhead Cabbage.

**Charleston Wakefield.** Very similar to the Jersey Wakefield, but about ten days later and half as large again. Not quite as pointed as the Jersey. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 80c; lb., \$2.50.

## COMMENTS ON CABBAGE.

### Finest I Ever Raised.

I had some of your Danish Roundhead Cabbage last year for the first time. It is the finest cabbage I ever raised. ELI BRUNEL, Concord, N. D.

### Large Heads.

Have used your seeds for ten years and they could not be better. I have raised your Surehead Cabbage that weighed between fifteen and twenty pounds. A. F. HAYES, River, Minn.

### Cannot Say Enough.

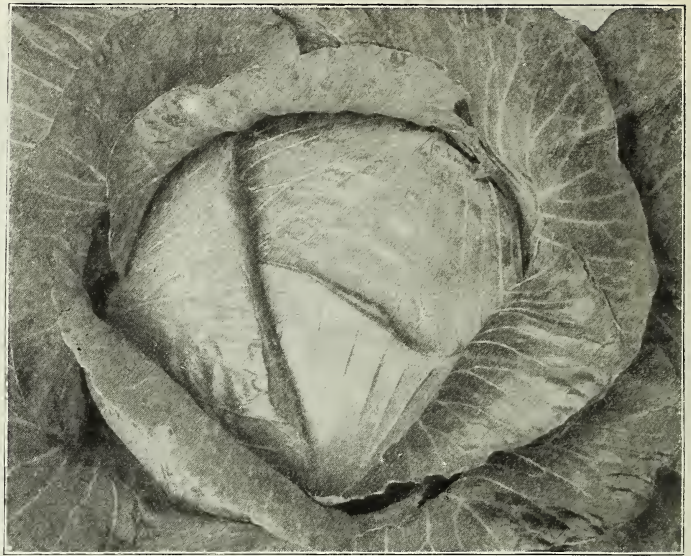
I cannot say enough in praise of your Danish Roundhead Cabbage. All of your seeds grow. You will get my order next year. (MRS.) BATES HEWITT, Lawler, Ia.

### Just as Advertised.

I have found your seeds to be just as advertised, especially the Surehead Cabbage. E. R. THOMPSON, Ludlow, Va.

### Very Successful.

Your cabbages and onions have proved very successful. I have used your seeds nearly ten years. (MRS.) C. W. ECKERT, Glenwood, Minn.



Early Summer Cabbage.

**Succession.** About a week later than Early Summer, but much larger, measuring about twelve inches in diameter and weighing about ten to twelve pounds each. The heads are hard and solid and of fine quality. Very fine for either winter or summer use. One of the surest varieties to make a crop under all conditions, and does well in all seasons no matter when planted. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65c; lb., \$2.25.

**Rock Red.** The best, largest and surest heading red cabbage. Used mostly for pickling. The plant is large, with several spreading leaves. The head is large, round, very solid and of deep red color, averaging from ten to twelve pounds in weight. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.00.

### Perfectly Satisfied.

I have used your seed for the last six years and am perfectly satisfied with the results obtained. I have been selling cabbage since Aug. 20th, raised from your Early Jersey Wakefield seed.

(MRS.) E. H. WOLSEY, Pearce, N. D.

### Want No Other.

Until this year I always thought any cabbage was good enough when it grew and made a solid head, but after this for table use I want none but the Early Winnigstadt. It keeps good until March in a cool cellar.

(MRS.) HENRY HALL, Seneca, S. D.

## Danish Ballhead.

This winter variety is especially desired on account of its great solidity and its keeping qualities. They weigh more than other sorts of equal size. The heads are crisp, tender and sweet, and unsurpassed for boiling, slaw, sauerkraut, etc. It grows well on all soils and under most conditions, withstanding hot, dry weather, and does not rot in wet seasons. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65c; lb., \$2.25.

**Surehead.** Heads are large, round, flattened, uniform, very hard, firm and sweet, and average from ten to fifteen lbs. each. Certain to head, a good shipper and a fine keeper. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.00.

## Early Jersey

**Wakefield.** Heads are very hard, compact, solid and conical in shape. Few outside leaves. We do not admit that our stock has any superior, except Northrup, King & Co.'s Washington Wakefield Cabbage. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.00.



Early Jersey Wakefield Cabbage.

# CABBAGE

Northrup, King & Co.'s  
Harvest Home Cabbage.

Late.

Sold Only in Sealed Packages.



We have yet to see the cabbage of equal quality that will yield as large a weight from a given area as the Harvest Home. Fifteen tons an acre is not an unusual yield and greater results have been attained under favorable conditions. We have yet to see the cabbage that will equal it in reliability of heading, uniformity of size and solidity of head. We unhesitatingly recommend it to any one desiring the best cabbage for fall and winter keeping or kraut making. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$3.00, postpaid.

**The Best Obtainable.**

*It is conceded that we have the best garden in town. It was grown entirely from your seeds which always prove very satisfactory. Washington Wakefield and Harvest Home Cabbages are the best kinds obtainable.*

(MRS.) H. M. OLSON,  
Casperson, Minn.

**Do Splendidly.**

*This is a high altitude and we have cold nights. Your cabbage, celery and cauliflower do splendidly. Our garden was a testimonial in itself this year among the people here.*

(MRS.) F. SHARRATT,  
Gunnison, Colo.

**Fifteen Tons per Acre.**

*The Harvest Home is a fine kraut cabbage and for early fall use. We had three acres last year which turned out fifteen tons an acre.*

A. J. GLIDDEN & SON,  
Hitchcock, S. D.



Northrup, King & Co.'s Harvest Home Cabbage.

## Northrup King & Co.'s Premium Late Flat Dutch.



Sold only in Sealed Packages. A low growing variety, heads large, bluish-green, round, solid, broad and flat on top; an excellent fall and winter variety, and a good keeper. It is a sure header. Our stock has been grown from carefully selected heads, and we consider it superior to any other strain of Flat Dutch Cabbage on the market. Large pkt., 5c; oz., 20c; ¼ lb., 65c; lb., \$2.25.

**Late Flat Dutch.** (Regular Strain). Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00, postpaid.

**Especially Good.**

*I have used your seeds five years and they have given perfect satisfaction. The Premium Late Flat Dutch Cabbage was especially good.*

**Never Had Better Seed,**

*I never had better seed than yours. My friends said to me, "Oh my, how do you get such big cabbages, beets and carrots? Ours are not half so large."* (MRS.) HENRY WITT, Storm Lake, Ia.

**Very Satisfactory.**

*Your All Seasons Cabbage and Sterling Beet have proved very satisfactory, in fact all your seeds are very good.*

DODGE ALLEY, Liberty, Wash.



Northrup, King & Co.'s Premium Late Flat Dutch Cabbage.

## All Seasons Cabbage.

**A Grand Variety.**

We can safely recommend the All Seasons Cabbage as one of the best and surest cabbages to grow. It is a little later than Early Summer, but very much larger, (about double the size) and for the market gardener one of the most useful, marketable and profitable cabbages to grow. It is perhaps the safest variety for the amateur to plant as it does well at all seasons and is a very sure cropper. The heads are dark blue in color and being tender and fine keeping are excellent for fall and winter use as well as during the summer. Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., \$2.50, postpaid.



All Seasons Cabbage.

# CABBAGE

## Northrup, King & Co.'s Holland. Genuine Danish Grown Stock.

Most remarkable late cabbage yet produced, heads hard and solid—fine grained and tender. Entirely distinct in color. **Very finest short stemmed type.**

(Sold only in sealed packages.) In some important particulars this is the most remarkable cabbage yet produced. In fact, it well illustrates the truth that "merit will win," in that while it was introduced only a few years ago, it has already become the favorite sort with those who have had the true stock. The heads, which are very solid and deep, are of medium size, averaging about 8 lbs. in weight; in color they are entirely distinct; in point of quality they have no superior, and they keep better than any other sort, heads being as solid and perfect when taken up in the spring as when put away in the fall. At that time no cabbage will sell beside them, even at one-half the price. Large pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50, postpaid.

**American Grown Holland Cabbage Seed.**  
Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65c; lb., \$2.00.

### SPECIMEN LETTERS FROM OUR CUSTOMERS.

#### The Best Keeper.

*The Holland Cabbage is the best I have found for winter keeping. The heads are hard and solid and do not burst open.*

A. J. GLIDDEN, Hitchcock, S. D.

#### Best Winter Cabbage.

*I have used your seeds for four years and find them good. The Holland Cabbage is the best winter cabbage I have ever handled.*

F. E. PEASE, Catspelt, Wash.

#### Especially Good.

*I have had good success with your seeds, especially with the Holland Cabbage and the Sterling Tomato.*

J. S. DYKE, Bartlett, Iowa.

#### Always Gives Satisfaction.

*We have been very well satisfied with your seeds, especially with the Holland Cabbage. We have tried them for years and they have always given perfect satisfaction.*

### The Volga.

#### The Quickest Growing, Large, Late Variety.

A new cabbage which is one of the finest varieties. For uniformity in growth, shape of head and hardness we have never seen its equal in a large heading variety. It is two or three weeks earlier than other large kinds. Seed sown at the same time as the Wakefield had heads ready for market when the Wakefields were only half grown. The plant is nearly all head having few outside leaves. The heads are nearly as round as a ball and as hard and solid as Danish Ballhead, while they are much larger and heavier, often weighing 15 lbs. each.

The quality of this cabbage is very fine both for cooking, and for kraut. It will keep perfectly all winter if kept cool.

If the plants are set out early they will head in July and August and can be used as a summer and fall variety. We are sure this cabbage will prove a most profitable one to all who raise it. The plants are so compact that they can be set out  $1\frac{1}{2}$  x 3 ft. and will produce enormous crops on good rich land, and fair crops on land that would not produce a ton to the acre of some other varieties. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 90c; lb., \$3.00.

**Long Keeping Cabbage.** As the name indicates, this variety is a good keeper, and it is also superior as a main crop. It will stand drought and frost to a remarkable degree. Heads are uniform, large, firm and solid, and of very superior flavor; color dark green, with few outside leaves. If placed in a dry, cool cellar or pit, they will keep in excellent condition until well along in the following summer. Pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50.



A Field and Specimen Head of Northrup, King & Co.'s Holland Cabbage.

# CARROT

## Oxheart or Guerande.

This fine and very popular carrot is intermediate as to length between the half-long varieties (such as Danvers) and the Scarlet Horn Carrots, but is much thicker than the latter, being at the top from four to five inches in diameter. Flesh bright orange, fine grained and sweet. It is of very fine quality for table use and equally good for stock. Where other sorts require digging, Oxheart can be easily pulled, making it a particularly desirable sort for soils so stiff and hard that other sorts do not grow well. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c, postpaid.

## Half Long Scarlet Nantes, Stump Rooted.

Tops of medium size; roots cylindrical, smooth, bright orange; flesh orange, becoming yellow in center, but with no distinct core. Of the finest quality and one of the most symmetrical and handsome of the medium sized sorts; excellent for the market or home garden. Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 75c, postpaid.

## Improved Danvers Half Long.

Our strain of this popular carrot, while not as "stump rooted" as the Chantenay, has a root which comes to a blunt point, a very beautiful carrot. A first class carrot for all soils; in form midway between the Long Orange and the Short Horn. The root is of a rich, dark orange color and grows very smooth and handsome; twenty to thirty tons per acre not being an unusual crop. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c, postpaid.

## Early Scarlet or Short Horn.

One of the most popular varieties grown; color deep orange; flesh fine grained and of agreeable flavor; tops small; has a short, stump shaped root; grows well in shallow soil; one of the best for early out-door planting and for table use. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c, postpaid.



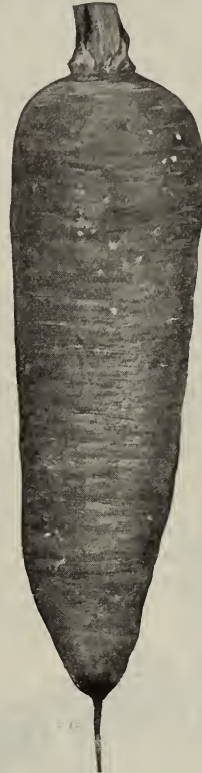
Oxheart or Guerande.



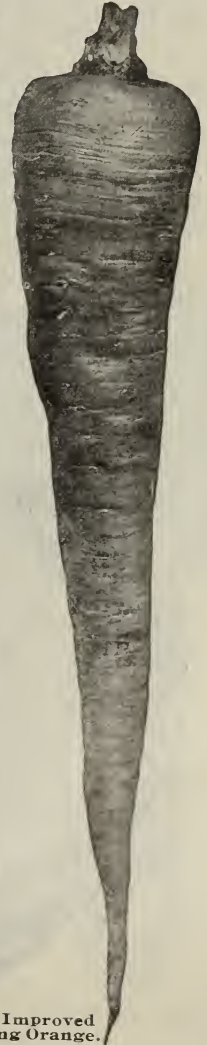
Half Long Scarlet Nantes.



Chantenay.



Danvers Half Long.



## Northrup, King & Co.'s Chantenay.

Market Gardener's Stock. (Sold only in sealed packages.) As a table variety it is first-class; in shape it is larger than the Scarlet Horn, and also broader at the shoulder. The flesh is of a beautiful, rich orange color, and of the finest quality; it is medium early, with small tops. Roots taper slightly, but are uniformly stump rooted. Gives great satisfaction in both the market and private garden. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c, postpaid.



Regular Stock. Same as is ordinarily sold by other seedsmen for Chantenay Carrot. This has not been as highly selected as our Market Gardener's Stock, but will give good satisfaction. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c, postpaid.

Early French Forcing. The earliest variety largely grown for forcing purposes; globular-shaped root of an orange red color. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00, postpaid.

Improved Long Orange. A well known standard sort; roots long, thickest near the crown, tapering regularly to a point; color deep orange, suitable for the table and main field crop. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c, postpaid.

Northrup, King & Co.'s Mastodon Carrot. (For Stock)

Sold only in Sealed Packages.



Our Mastodon Carrot leads all other varieties for stock feeding purposes. They are of ideal shape, easily lifted from the ground, fine in quality and enormously productive. It is not, properly speaking, a table carrot, although the flesh is remarkably firm and sweet. For the farmer and stock raiser nothing else will take its place. The flesh is white, crisp, solid and very sweet in flavor. It yields from 18 to 40 tons to the acre.

See page 117 for further description and price, with photograph of a specimen carrot and a few letters from our customers.

## Northrup, King & Co.'s Victoria Carrot. (For Stock)

Sold only in Sealed Packages.



Early French Forcing.



The Victoria Carrot is a very large and very rich stock carrot. There can be only one best stock carrot, and we think our Mastodon is that carrot, yet there are many who prefer a yellow fleshed carrot. To such there is no yellow carrot which can approach the Victoria in size, yield and feeding qualities. It grows nearly half as much weight again an acre as the ordinary varieties.

For further description and price see page 117.

## WHAT OTHERS SAY ABOUT OUR CARROTS.

### Thirty Bushels For Ten Cents.

From two packages of your Oxheart or Guerande Carrot we raised thirty bushels of large healthy roots. The Montana Alfalfa which I sowed June 20th, was a foot and a half high and in bloom in September of the same year.

HUGH FREY, Leonard, N. D.

### Large, Sweet and Toothsome.

The order of seeds purchased of you last spring was very satisfactory, especially the carrots. They are large and sweet, and toothsome enough to eat raw.

W.M. G. CLAMPETT, Max, Minn.

### Every Seed Grew.

All your seeds are the best possible. If any gave me the most satisfaction it was your carrot seed. I have always found it hard to get a full stand of carrots, but I think every seed grew which I obtained from you. I sold \$40 worth from less than one-fourth acre.

H. O. KRUSCHKE, Peet, Wis.

### Very Good.

We have used your seeds for several years and have always found them to be very good, especially the carrots. Every one who has used your seeds has spoken very well of them.

(MRS.) C. A. NORDHAUS, Yetter, Iowa.

Carrots require a deep, well worked soil. For home use and early bunching Oxheart, Chantenay and Nantes are the best, for general crop the Danvers Half Long, Improved Long Orange, while for feeding stock the Mastodon yields the largest crops.

# CAULIFLOWER

## Northrup, King & Co.'s Model

Sold only in Sealed Packages.



In competition with all other strains the Model Cauliflower has won the approval of critical gardeners, being the earliest and best sort grown. It is suitable not only for early use, but is superior for late planting. The heads are hard and solid and do not spread as do some of the inferior sorts. No other equals it in purity of color, being clear snow white. It is equally desirable for family use and for the market garden. The heads are large—from 9 to 12 inches in diameter, and weigh from 4 to 8 pounds. On account of its close growing, compact habit, many more plants may be grown on a given area than of the late spreading sorts.

Had we space we could reproduce many more expressions of satisfaction from our customers than are found below. Pkt., 20c; ¼ oz., 70c; ½ oz., \$1.25; oz., \$2.25; ¼ lb., \$8.00.

### Certainly Fine.

*I have planted your seeds several years and have found them so satisfactory that I intend to continue their use. Your Model Cauliflower is certainly fine! Big, early, and good to eat; what more could anyone want in a cauliflower.*

JESSE C. CHILDS,

Wapato, Wash.

### Only Variety to Head.

*Your Model Cauliflowers have been prize winners with me. Last year they were the only variety in this vicinity to head; some weighing over 5 lbs. The last three were dug from under a foot of snow as good as ever.*

(MISS) ANNIE W. BADGER,

Sunapee, N. H.

### Weighed Six to Seven Pounds.

*I take pleasure in telling you that we had good luck with your seeds. The Model Cauliflower was especially good. The heads weighed from six to seven pounds. We have used your seeds for ten years and think they are all right.*

H. S. COLBY, Dent, Minn.

### Was the Best.

*The Model Cauliflower was the best we ever raised. We always have the earliest sweet corn around here because we plant Peep o' Day.*

LILLIAN G. KAUTZ, West Chicago, Ill.

### Made a Perfect Stand.

*We have had the driest season in the memory of the oldest inhabitant, but have had enough success to satisfy us that your seeds are what we want. The Model Cauliflower made a perfect stand in heading in our garden.*

A. B. ROSS, Schellburg, Pa.

### Never Had Better Seeds.

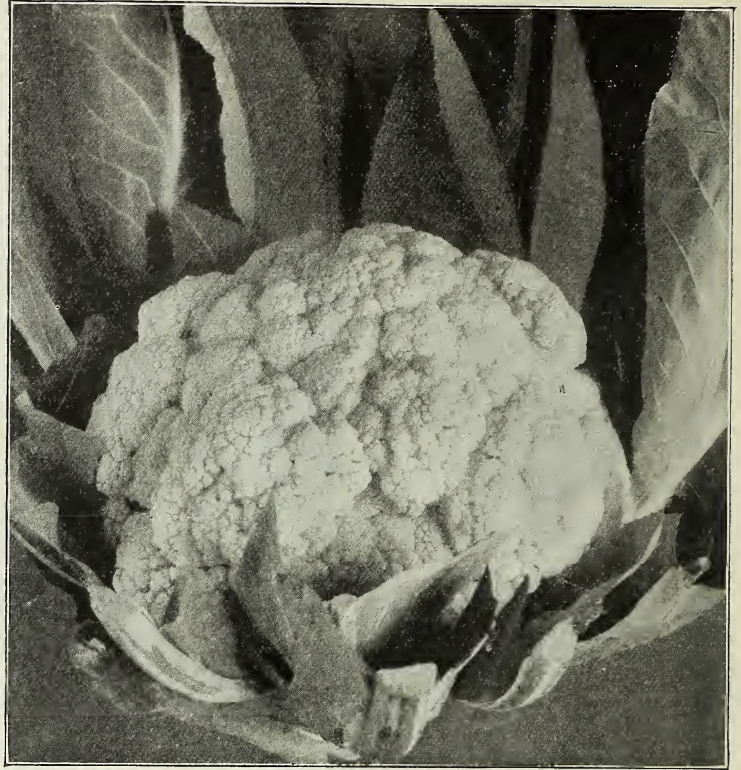
*Your seeds have given satisfaction every season for sixteen years. Your vegetable and flower seeds never fail to grow. This was a dry summer, but, nevertheless, I have a fine garden. I can say that I never had better garden seeds.*

(MRS.) JOS. COPPS, Big Woods, Minn.

### They Never Failed.

*It pays to buy the best seeds and N. K. & Co.'s Sterling grade is the kind to buy, as they germinate and are true to name. It was twenty-two years ago that I bought the first seeds from you and they have never failed.*

THOS. SADLER, Grantsburg, Wis.



Northrup, King & Co.'s Model Cauliflower.



## Northrup, King & Co.'s Drought Resisting Cauliflower.

(Sold only in sealed packages.) Especially adapted to dry locations, where it will produce large, solid heads when all other sorts would fail. To secure the best heads the soil must be rich and thoroughly cultivated. Pkt., 20c; ¼ oz., 70c; ½ oz., \$1.25; oz., \$2.25; ¼ lb., \$8.00.

### Very Good.

*Your Drought Resisting Cauliflower, and, in fact, all your seeds are very good in this country.*

W. R. ROBERTS, Shelly, Mont.

### A Grand Sort.

*Your Drought Resisting Cauliflower is a grand sort, also your Model.*

WM. S. SNIDER, Deloraine, Man., Can.

**Snowball.** Forms snow white heads six to ten inches in diameter, of good quality. Its close growing habit permits more heads to a given area than the later maturing sorts. Excellent for both early and late planting. Grown from stock seed obtained from originators. Equal to any strain of 'Snowball' on the market. Pkt., 15c; ¼ oz., 65c; ½ oz., \$1.15; oz., \$2.00; ¼ lb., \$7.50.

**Extra Early Dwarf Erfurt.** The finest strain procurable. Plants dwarf and compact, forming good sized heads, very fine stock. Pkt., 15c; ½ oz., 75c; oz., \$1.25; ¼ lb., \$4.00; lb., \$15.00.

**Early Erfurt.** The true "Erfurt" strain, but not quite so early as the Extra Early. Pkt., 10c; oz., 75c; ¼ lb., \$2.25; lb., \$7.00.

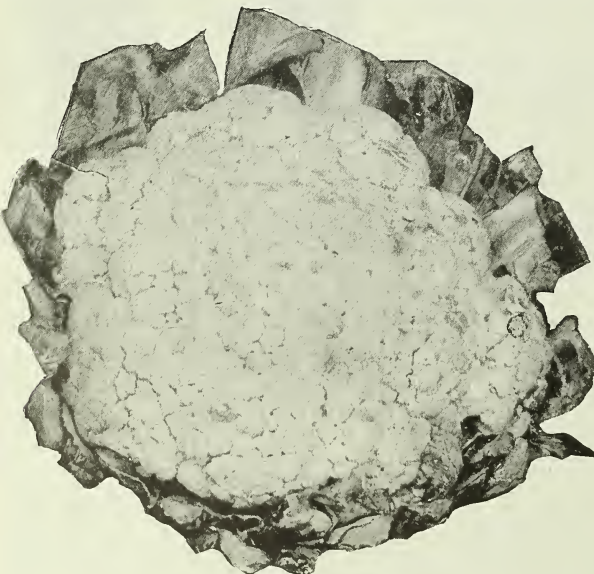
## CRESS

**Fine Curled (Pepper Grass.)** Quick growing; leaves finely cut like parsley; growth dwarf and compact; crisp and pungent. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c, postpaid.

**Water Cress.** Highly esteemed as a salad; also used as a garnish for meats. Seeds may be started in pans or boxes of moist earth and the young plants transplanted to shallow water. Pkt., 5c; oz., 30c; ¼ lb., 85c; lb., \$3.00, postpaid.

## CELERICAC (Turnip Rooted Celery)

**Large Erfurt.** Large, smooth, excellent flavor. Pkt., 5c; oz., 10c, ¼ lb., 35c; lb., \$1.25, postpaid.



Snowball Cauliflower.

# CELERY

## Northrup, King & Co.'s Golden Self

**Blanching.** This splendid variety is without doubt the most popular celery grown. It is a self-blanching sort, for with a little banking or covering, even the outer ribs assume a beautiful golden yellow, while the heart or vine stalks are deliciously tender, brittle and sweet. This variety is being very extensively grown both for market and private use, not only on account of its ease of culture, but for its superior quality. It is not quite so early as the White Plume, but is of heavier and more compact growth, the stalks being thick, crisp and brittle. The hearts are large and solid, blanching a beautiful waxen yellow. It is tender and sweet and free from stringiness. Its flavor is rich and delightful.

Our Private Stock seed is procured from a noted celery grower in France. French grown seed is superior to the California stock. It is higher in price, but is well worth the difference. The California grown seed is often as good as any produced in France, but we have some times been disappointed in the quality, while the seed produced in France has never disappointed us.

Our Private Stock seed is sold only in sealed packages. Large pkt., 15c; oz., 50c; ¼ lb., \$1.75; lb., \$6.00, postpaid.

## Golden Self Blanching (Regular Stock.)

This is the same variety of celery as our "Private Stock," but is produced in California. It is of very fine quality, although we do not recommend it so highly as the French grown seed. Large pkt., 10c; oz., 25c; ¼ lb., 85c; lb., \$3.00, postpaid.

### Can Rely Upon Your Seeds.

*I am not a large gardener, but I garden for pleasure, and one of the enjoyments of gardening is to have seeds which one can rely upon; therefore I buy Northrup, King & Co.'s seeds. I grew five hundred heads of as fine celery as any ever raised. It was grown from seed purchased from you.*

C. A. BRYANT, Fort Dodge, Iowa.

### Best I Ever Raised.

*I have used several different varieties of your seeds and have found them very satisfactory. I grew some of your celery this year and it was fine, the best I ever raised.* F. D. STOEBE, Odin, Minn.

### Best I Ever Saw.

*I have used your seeds for a good many years. I had the best celery two years ago from your seed that I ever saw.*

(MRS.) C. W. MILLER, Brainerd, Minn.

## Northrup, King & Co.'s Kalamazoo

(Sold only in sealed packages) We consider our Kalamazoo absolutely and without exception the very best celery grown. It is late, it is not self blanching, but it is worth many times over all the extra trouble and labor involved in growing it. Kalamazoo Celery, when properly grown, is extremely large, solid and crisp, and possesses a rich, sweet and "nutty" flavor unequalled by any celery we ever saw anywhere.

If you want the best celery to be found on earth, try Northrup King & Co.'s Kalamazoo; take proper care of it, and you have a celery beyond comparison. It is a fine keeper. Pkt., 10c; oz., 35c; ¼ lb., \$1.30; lb., \$4.50, postpaid.

## White Plume.

The earliest celery. This is a well known variety. Popular on account of its earliness and the ease of its culture. It is really no more trouble to grow this celery than any other vegetable, for no "banking up" is necessary, although it helps to firm the earth against the plant and tie the stalks together to protect the heart. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00, postpaid.

## Pink Plume.

Red celeries are noted for their long keeping qualities as well as for their crisp and nutty flavor, and Pink Plume is no exception to this rule. Aside from its color it is identical with White Plume, and presents a very attractive appearance on the table. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00, postpaid.

## Golden Hearted Dwarf.

A favorite main crop variety. When blanching the stalks are of a wavy yellow color, solid and crisp. A splendid keeper. Pkt., 5c; oz., 20c; ¼ lb., 50c; lb., \$1.75, postpaid.

## Giant Pascal.

One of the most popular sorts for winter use. It is very large in growth; the stalks are exceptionally thick with very heavy hearts which when blanching are of a beautiful creamy yellow color. Very brittle and of a superb flavor. Pkt., 5c; oz., 20c; ¼ lb., 50c; lb., \$1.75, postpaid.

### Never Disappoint.

*I have had long experience, having planted Northrup, King & Co.'s Sterling seeds every spring for about twenty years. They have never failed to give satisfaction. I have always advised others to buy your Northern Grown seeds in preference to all others, for they can be relied upon and never disappoint.*

E. J. MOON,

Allison, Iowa.

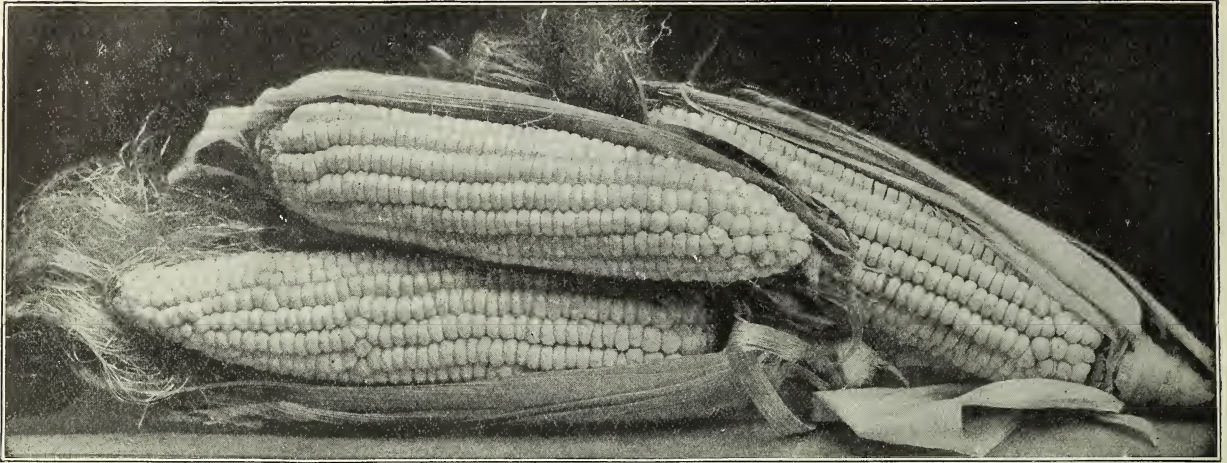


Northrup, King & Co.'s Golden Self Blanching Celery.



White Plume Celery.

# SWEET CORN



Northrup, King & Co.'s Peep o' Day Sweet Corn.

Market gardeners and private planters should keep in mind the important fact that sweet corn produced in the North is earlier and more hardy than the same varieties grown farther south. We do not think it too much to claim that nearly all of our varieties of sweet corn are easily a week to ten days earlier than the same varieties produced elsewhere. This means a great deal to the gardener who wishes to have his corn first in market, for it is then that the best prices are obtained. It is equally as important also to the private planter growing corn for his own table, as it lengthens the season for all varieties.

**Our Sweet Corn is Thoroughly Tested before it leaves our hands.**

## Northrup, King & Co.'s Peep o' Day Sweet Corn

The Earliest Sweet Corn  
The Sweetest Sweet Corn  
Most Productive  
Most Profitable



We regard our new Peep o' Day Sweet Corn as the most important vegetable introduction of years. Think of a corn ten days or two weeks earlier than any other variety, and not only the Earliest but the Sweetest of all sweet corn, early or late.

If you do not buy anything else from this catalog send at least for some Peep o' Day Sweet Corn.

Every gardener should have Peep o' Day. A 10-cent package will plant 50 to 60 hills and the only regret you will have is that you did not plant more. A good thing to do is to make a planting every few days and then have Peep o' Day on your table throughout the entire season.

What product of the garden is so eagerly awaited as the first sweet corn of the season? Not the tasteless, discouraged, premature corn shipped long distances, worthless when picked and unfit for human food when it arrives, but the real, tender, juicy sweet corn, ready for use before the summer has really commenced. Such a sweet corn is Northrup, King & Co.'s Peep o' Day. The two points of this remarkable sweet corn to which we wish to call most particular attention, are its extraordinary earliness and unparalleled sweetness; surpassing in these particulars any other variety early or late.

So marked is its sweetness and delicacy of flavor, that many of our customers who have been in the habit of planting several varieties to secure a succession, now plant Peep o' Day exclusively, arranging the plantings a few days apart so as to have this delicious corn throughout the entire season.

Another point of great importance is the wonderful productiveness of Peep o' Day.

The early varieties of sweet corn do not, as a rule, yield as heavily as the late sorts, but Peep o' Day not only surpasses in this particular all other early varieties, but all late varieties as well; in fact our crops of Peep o' Day have given us year after year almost double the yield an acre of any other variety we have grown, early or late.

Incredible as this may seem, it is readily accounted for by the fact that the stalks bear from two to five ears each and the growth being dwarf—about four feet—admits of very close planting.

**As a Pasture Crop.** Peep o' Day Sweet Corn is a very profitable forage crop. Planted thickly in drills three feet apart at the rate of one-half bushel an acre, it is ready to pasture in fifty days, bearing a heavy crop of well formed ears, which is not only sweet and nutritious, but is unequalled for fattening swine. It supplies grain long before peas, rye or field corn are ready, and will prepare hogs for early market. Fifty bushels to the acre is an average yield, saving the expense of mill feed at a season of the year when it is usually demanded.

One of our customers planted twenty acres of Peep o' Day Sweet Corn during the season of 1908 for "hogging off" and is exceptionally well pleased with the results.

**Culture.** The stalks of Peep o' Day Sweet Corn grow from 3½ to 4½ feet high and bear from two to five ears each. The stalks have light foliage and being small, may stand very close together. The seed may be planted either in hills or in rows. If the former, plant six or seven kernels in a hill, thinning out later so as to have four plants in each hill. If in rows and not in hills, drop the seed from six to eight inches apart (according to the soil) and if planted early, cover about one inch deep. Seed planted later should be put in deeper, according to the amount of moisture in the soil. The rows may be just far enough apart to admit of cultivation.

Eight to ten quarts of seed will plant an acre. Prepare the land thoroughly, make it deep and mellow. For early corn, plant just as soon as danger of early frost is over, bearing in mind, however, that it is sometimes well to take a risk in early planting as the earliest corn is always in greatest demand.

Northrup, King & Co.'s Peep o' Day Sweet Corn.

**Note**—We are frequently asked what varieties should be planted in order, to secure a succession of sweet corn throughout the season. To all who are in doubt, and those already satisfied let us say: Plant Peep o' Day for earliest; Golden Bantam for second early; Portland for medium; Northrup, King & Co.'s Zig Zag Evergreen or Improved Black Mexican for late, and secure the very best sweet corn in each class.

To have the finest sweet corn it must be picked in just the right condition, that is, when the skin of the grain breaks at the slightest puncture. The corn will be of inferior quality if it is either a few days too old or too young.

One quart of seed will plant about 200 hills; 8 to 10 quarts, an acre in hills

Market Gardeners will find in Peep o' Day Sweet Corn a sure money maker. The first corn on the market always commands the highest price and can be disposed of instantly. The best market gardeners everywhere are making a practice of planting Peep o' Day Sweet Corn for early market. In 1904 we offered \$265.00 in cash prizes to growers of Peep o' Day Sweet Corn. One of the successful contestants was a market gardener. From one acre he raised and sold Peep o' Day Sweet Corn to the value of \$282.88. What other crop will produce the same result involving as little labor? Another gardener planted ¼ acre of Peep o' Day Corn with even better returns. There are hundreds of market gardeners all over the United States, who report big yields as well as big profits and send to us every year for a supply of this seed.

**How Boys Can Make Money.** Here is a chance for the boys to make money. It is no difficult task to obtain the use of an acre or half acre of ground, or a vacant lot and convert it into a Sweet Corn Farm. It will surprise you to find how many people in your neighborhood are really hungry for good sweet corn and how gladly they will purchase it from you. It is not an unusual thing to make several hundred dollars from an acre of sweet corn. There is no reason why you cannot do as well.

First prepare your ground; thoroughly work it over and over again until it is perfectly mellow and entirely free from weeds. You can hardly put too much labor in the work of preparation. The results obtained will fully repay you. It is not safe to plant corn until all danger of frost is past, but as the earliest corn always brings the highest price it pays to take some risk, and if it does get thru you will be well rewarded. Should Jack Frost cut down your early corn you can quickly replant with very little delay, and in ordering seed you should purchase enough to cover this emergency. Should the land you plant be of such dimensions that the product would be more than you could readily dispose of at one time, it would be well not to plant your land all at once; sow the seed a week or ten days apart over a period of five to six weeks. After your corn is up keep the ground well cultivated and free from weeds.

Long before your corn is ready to pick canvass your neighborhood and secure your customers in advance as far as possible. Tell them that your corn is not only early but sweet. Visit your neighbors each morning for your orders, ascertain how much each customer wants and at what time. Pick just before delivering as the corn is so much better when fresh. Examine every ear and see that it is all fit size for eating.

We know of no way in which boys can so readily earn money as by the plan above proposed; in so doing you become independent and reap the benefit of your own efforts.

Just one more suggestion, and that is, by planting between the rows radish, lettuce and other quick growing vegetables an additional revenue may be obtained without in the least hindering the growth of corn. As soon as this crop is gathered be sure to clean up all the dead leaves and carefully cultivate the ground so that the corn roots may have ample moisture and opportunity to grow.

**Special Notice.** We will promptly and without question, refund the price paid for Peep o' Day Sweet Corn, to any purchaser from this catalog, who writes us that it has not given him perfect satisfaction. Prices: Large packet containing 300 seeds, sufficient to plant 60 hills, 10c; pint by mail, postpaid, 20c; quart by mail, postpaid, 35c. By express or freight at purchaser's expense; pint, 15c; quart, 25c; 4 quarts, 90c; ¼ bu., \$1.25; bu., \$3.50.



## GOLDEN BANTAM SWEET CORN

Surpassingly delicious in flavor. The introduction of Golden Bantam Sweet Corn affords a delicacy of surprising quality and rich flavor. The first trial of this superb Sweet Corn, creates a taste which cannot be soon forgotten and results in an immediate call for more.

### Earliness.

Golden Bantam Sweet Corn is not the earliest sweet corn, as Peep o' Day matures from a week to ten days in advance of Golden Bantam planted at the same time. It, however, matures very early and is suitable, not only for early planting, (on account of its hardiness) but a succession of sowings may be made during the season, giving a continuous supply until fall.

### Flavor.

Without exception, Golden Bantam Corn is the richest in flavor of all varieties; a sweet corn of which one will never tire. Gardeners are frequently asked for "the yellow corn that was so sweet and rich in flavor." Even Peep o' Day is scarcely sweeter than Golden Bantam, and the combination of these two qualities makes it most highly desired.

### Color.

When picked at the proper stage of its growth, the kernels are a rich, creamy yellow. This deepens to an orange yellow as it ripens. Its first appearance often leads the purchaser to doubt its being a Sweet Corn. It resembles in many particulars the common field varieties. A trial, however, soon convinces that the color has no effect on its quality.

### Hardiness.

Golden Bantam Sweet Corn is especially adapted for Northern planting as it is very hardy and will stand more unfavorable weather than any other variety. Not only is it adapted for planting in the extreme North but it is meeting with the greatest success in the Middle and Southern States. It is valuable also for planting late in summer for early fall use.

This variety proves very successful when grown at high altitudes where the nights are cool.

### Productiveness

Golden Bantam Sweet Corn is very productive. The small stalks which are  $3\frac{1}{2}$  to 4 ft. in height may be grown closely together in the row and in good soil will produce two and three fine ears to a stalk.

### Character of Growth.

Being dwarf in growth with stalks small in size, a large crop may be obtained on a small area. The ears are from 5 to 7 inches in length, just the right size to handle at the table. The kernels are wider than most Sweet Corn and of good depth, the percentage of corn to cob being greater than on any other early variety. The cobs bear from eight to twelve rows each. The ears are enclosed in a heavy husk and are less subject to smut than other sorts.

### Market Value.

Gardeners and grocers in Minneapolis handling Golden Bantam Sweet Corn with other varieties have no difficulty in obtaining 5 to 10c per dozen premium for Golden Bantam. The supply has never equaled the demand and the increasing popularity of this variety will lead progressive gardeners to plant larger areas.

### Satisfaction.

We have yet to hear of one who has grown Golden Bantam Sweet Corn and was not well pleased with it. From all points, come letters from pleased customers. So sure are we that it will satisfy every one who tries it this season, that we make the following

### Culture.

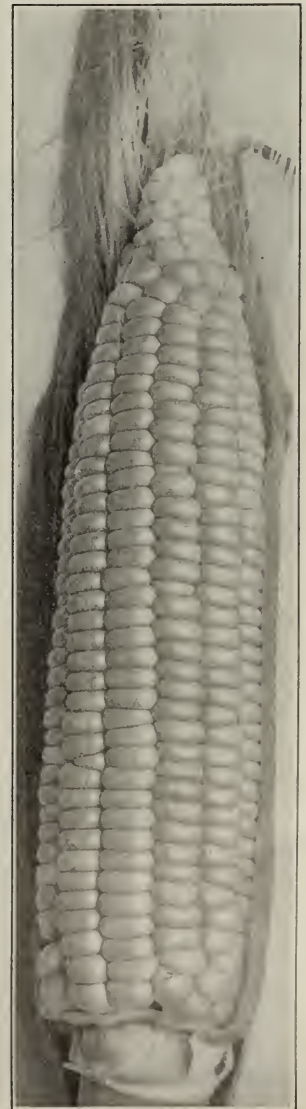
The stalks of Golden Bantam Sweet Corn grow from  $3\frac{1}{2}$  to 4 feet high and bear two to three ears. The stalks are small and have few leaves and may stand very close together. The seed may be planted either in hills or rows. If the former, plant six or seven kernels in a hill thinning out later so as to have four plants in each hill. If in rows and not in hills, drop the seed from six to eight inches apart according to the soil, and if planted early cover about one inch deep. Seed planted later should be planted deeper according to the amount of moisture in the soil. The rows may be just far enough apart to admit of cultivation. Eight to ten quarts of seed will plant an acre. Prepare the land thoroughly, make it deep and mellow. For early corn, plant just as soon as danger of early frost is over, bearing in mind that it is sometimes well to take a risk in early planting, as the earliest corn is always in greatest demand.

**Our Seeds.** All the seed of Golden Bantam Sweet Corn offered by us this season was grown in Minnesota under the personal supervision of our crop experts. The ears were carefully selected before shelling and our stock is, without exception, the very finest and of the highest quality which can be obtained anywhere, no matter what the price. We know that it will please our customers, and therefore make the liberal guarantee as above. The demand for seed is sure to be heavy, so we recommend that orders be made as large as can be successfully handled and that they be sent to us early in the season.

**Prices.** Large packet, 5c; pint by mail, postpaid, 20c; quart, by mail, postpaid, 35c; by express or freight at purchaser's expense; pint, 15c; quart, 25c; 4 quarts, 90c;  $\frac{1}{2}$  bu., \$1.25; bu., \$3.50.



Partially Dried Ears of Golden Bantam Sweet Corn.



Golden Bantam Sweet Corn

## SWEET CORN

Please bear in mind that the following prices on sweet corn do NOT include postage. Add 5 cents a pint, 10 cents a quart, if seed is to be sent by mail.

### EXTRA EARLY VARIETIES.

**Peep o' Day.** The very earliest variety grown. See page 14 for description and prices.

**Golden Bantam.** While not as early as Peep o' Day, this variety is very sweet and luscious. It is very hardy, which permits of early planting. The stalks average about 4 feet in height; the ears are eight-rowed, 5 to 7 inches in length; the grain is a rich, golden yellow, and rivals in quality our Peep o' Day. Large pkt., 5c; pkt., 15c; qt., 25c;  $\frac{1}{4}$  bu., \$1.25; bu., \$3.50. See page 15 for further description.

**Golden Nugget.** This is a new dwarf growing variety producing an ear which when dried is of a beautiful golden yellow color. The stalk bears several ears which, though small, are very sweet and tender. Nearly every ear has twelve rows of well filled, good sized kernels. Large pkt., 5c; pt., 15c; qt., 25c;  $\frac{1}{4}$  bu., \$1.10; bu., \$3.50.

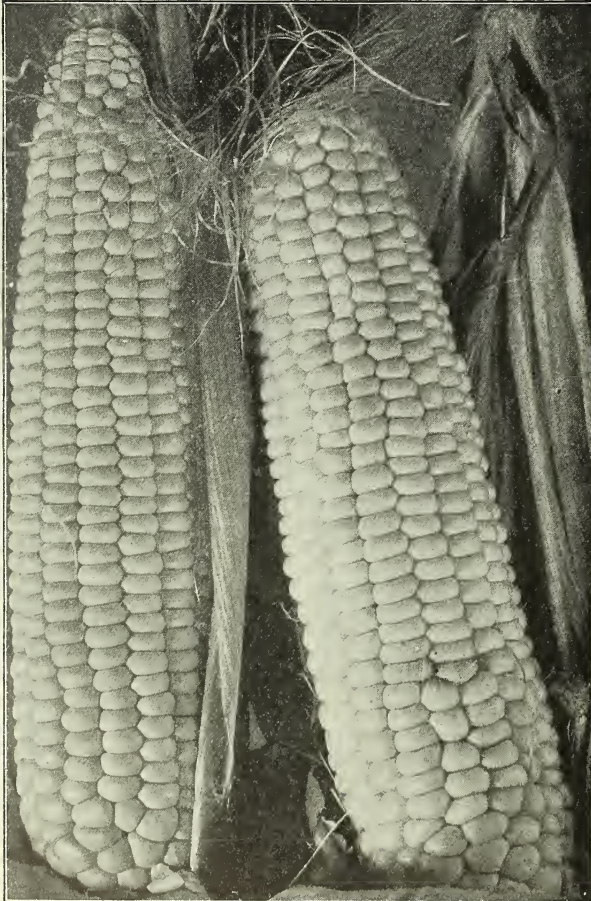
**Extra Early White Cory.** One of the earliest varieties, well and favorably known in all parts of the country. It succeeds well where the seasons are short, and can be recommended for general planting. Ears six inches long, with eight rows of broad grains. Large pkt., 5c; pt., 15c; qt., 25c;  $\frac{1}{4}$  bu., \$1.00; bu., \$3.25.

**Early Red Cory.** Equally as early as White Cory. Corn is white but the cobs are red. Very sweet and tender. Pkt., 5c; pt., 15c; qt., 25c;  $\frac{1}{4}$  bu., \$1.00; bu., \$3.25.

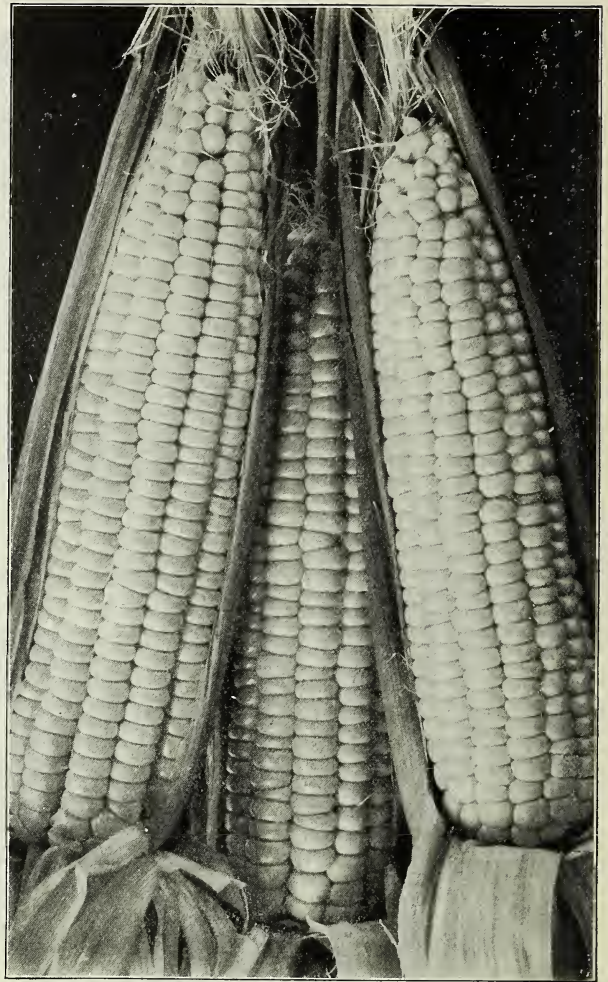
**Mammoth White Cory.** Similar to the above and quite as early. The kernels, however, are somewhat broader and the ears average somewhat larger in size. Large pkt., 5c; pt., 15c; qt., 25c;  $\frac{1}{4}$  bu., \$1.00; bu., \$3.25.

**Early Minnesota.** A standard early sort of excellent quality, especially desirable where seasons are short. The ears bear 8 to 10 rows of large, white grains. This variety is popular on account of its great productiveness. Excellent for market, home and canning use. Large pkt., 5c; pt., 15c; qt., 25c;  $\frac{1}{4}$  bu., \$1.00; bu., \$3.25.

**Moore's Early Concord.** Grows about six feet high. The ears, which are borne near the base of the stock, are large, fourteen to sixteen-rowed and contain short, white, square grains of very fine quality, sweet and tender. This variety is excellent for either family or canning use. Pkt., 5c; pt., 15c; qt., 25c;  $\frac{1}{4}$  bu., \$1.25; bu., \$4.00.



Early Minnesota Sweet Corn.



Northrup, King & Co.'s Portland Sweet Corn.

**Kendall's Early Giant.** A meritorious variety, the leading feature of which, in addition to its earliness, is the large size of the ears, which are 8 to 10 in. long and from 12 to 18 rowed. Pure white in color, it is very sweet and tender. Large pkt., 5c; pt., 15c; qt., 25c;  $\frac{1}{4}$  bu., \$1.00; bu., \$3.50.

### SECOND EARLY VARIETIES.



#### Northrup, King & Co.'s Portland.

(Sold only in sealed bags.) This variety is not quite so early as the Cory, but it will pay sweet corn growers to wait a few days for it. In sweetness and delicacy of flavor it excels any and every early sweet corn, except perhaps Northrup, King & Co.'s Peep o' Day. Private families pronounce it unsurpassed; market gardeners capture trade with it. Large pkt., 5c; pt., 15c; qt., 25c;  $\frac{1}{4}$  bu., \$1.10; bu., \$3.50.

Especially Good.

The Portland Sweet Corn was especially good.

H. P. MANN, Boulder, Colo.

Best Corn I Ever Ate.

Your Portland Sweet Corn is the best corn I ever ate; also your Improved Black Mexican.

JAMES GIBBS, Lewistown, Pa.

**Early Crosby.** A standard sort deservedly prized by thousands of planters as one of the sweetest of varieties. The kernels are very closely set. This is the variety on which the celebrated "Honey Dew" packers of canned sweet corn made their reputation. The government reports that this strain is superior to any variety of sweet corn grown for canning purposes in the state of Minnesota. Large pkt., 5c; pt., 15c; qt., 25c;  $\frac{1}{4}$  bu., \$1.00; bu., \$3.25.

**Perry's Hybrid.** A well known and favorite sort, valued on account of its hardiness, productiveness and size of ears, which are very large for a second early sort. Large pkt., 5c; pt., 15c; qt., 25c;  $\frac{1}{4}$  bu., \$1.00; bu., \$3.25.

**White Evergreen.** This variety is an improved type of Stowell's Evergreen, but is a little earlier, and unlike the Stowell's is pure white in color. The stalks are of strong, vigorous growth from six to seven feet high. The ears are very large and well filled to the tip with long, slender, pure white grains of the finest flavor. Pkt., 5c; pt., 15c; qt., 25c;  $\frac{1}{4}$  bu., \$1.10; bu., \$3.50.

# SWEET CORN



Stowell's Evergreen Sweet Corn.

## LATE VARIETIES.

### Northrup, King & Co.'s Zig Zag Evergreen.



(Sold only in sealed bags.) This we regard as the very best of all the late white varieties. We have statements from experiment stations and from canning factories, as well as from hundreds of private planters, testifying to its superior sweetness and productiveness, incomparable whiteness when cooked and its fine appearance when on the table. As introducers of this variety, we assert without fear of successful contradiction that it is best of all the late white seeded sorts. A trial will convince any competent authority as to the truth of this assertion. Large pkt., 5c; pt., 15c; qt., 25c; 1/4 bu., \$1.10; bu., \$3.50.

**Stowell's Evergreen.** The best known and most largely planted of all the varieties. Like the Champion of England Pea, it is the standard by which all sweet corns are measured. We are free to confess that we regard some of the selections from Stowell's Evergreen as better than the parent corn, for example Northrup, King & Co.'s Zig Zag Evergreen which possesses all of the good qualities which have made the Stowell's strain so popular, but which has the additional merit of being sweeter, more productive, whiter when cooked and of remaining longer fit for use. At the same time, the Stowell's Evergreen is hard to beat and for a long time to come many will have it in preference to any other sort. This corn is distinguished by the large ear, the long, deep kernels, its rich, sugary flavor and its long keeping qualities. Our seed has been selected for its sweetness, productiveness and large size. No better can be obtained. It is northern grown. Our strain is particularly fine and our price is very reasonable. Pkt., 5c; pt., 15c; qt., 25c; 1/4 bu., \$1.10; bu., \$3.50.

**Country Gentleman.** This variety is often called the "shoe peg" corn, owing to the arrangement of the crowded kernels which are long and very sweet. Our seed of this variety has been carefully selected and is true to name. It is nearly as sweet as Peep o' Day and is far ahead in flavor of any of the late varieties. It remains tender and fit for use longer than most sorts, as the ear is enclosed in a thick husk which keeps it "in the milk." The ears average nine inches in length and are borne from two to five and sometimes six on each stalk. The cob is small and very closely packed from tip to butt with slender, pure white kernels of the finest quality. If you try this variety you will like it. Pkt., 5c; pt., 15c; qt., 25c; 1/4 bu., \$1.25; bu., \$4.00.

**Improved Black Mexican.** This variety has for a number of years had the reputation of being the sweetest of all sweet corn. When cooked, the ear is white with a bluish tinge towards the base of the kernel, but when dried the appearance of the seed is so entirely distinct from any other corn as to be always remembered, the kernels being of a deep bluish black. While nearly all lovers of sweet corn are aware of the existence of this variety, not for many years has it been featured in the seed catalogs, and on this account has been almost lost sight of by many who would have liked to procure it. Every year we have a number of inquiries from those who have known this corn, but who have forgotten its name and remember it only as the "black corn that was so very sweet." The steadfast remembrance of and desire for this corn thus expressed, has induced us to take particular pains with this variety, so that we can now offer it as an Improved Black Mexican. We offer it as a highly superior strain of this very desirable and much sought after sort. It must still rank with us as a late variety, but as it now matures nicely with us in Minnesota, it may be safely grown in almost any part of the United States. Large pkt., 5c; pt., 15c; qt., 25c; 1/4 bu., \$1.25; bu., \$3.50.

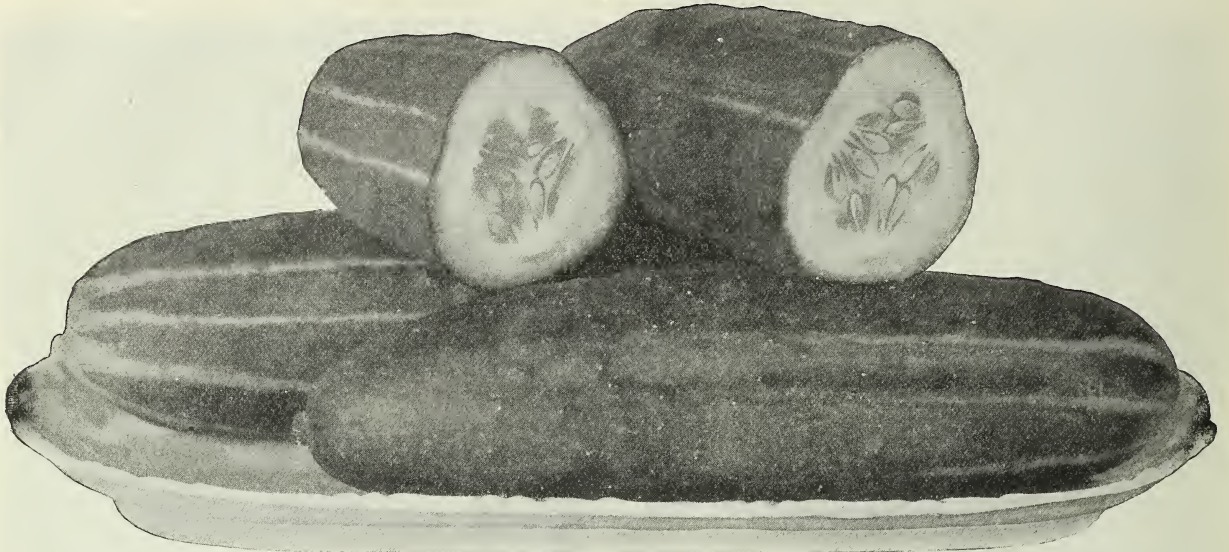


Black Mexican Corn.



Country Gentleman Sweet Corn.

# CUCUMBER



Northrup, King & Co.'s Sterling Cucumber.

**Note**—This year, there is a great scarcity in vine crops of all kinds, and the shortage is especially noticeable in cucumbers. Prices are therefore a little higher than last season. Those desiring to purchase large lots should do so early in the season before stocks are exhausted.

## Northrup, King & Co.'s Sterling.

Sold only in sealed packages.

Will be found to possess the following points of superiority:

First. It is the earliest white spine cucumber, suitable for table, market or shipping purposes, under all conditions of culture, whether under glass or in the open ground.

Second. It is one of the greatest producers of all varieties; and at all stages of growth is the handsomest and most attractive of all American sorts.

Third. It is of a very deep green color, which it retains during a much longer period of growth than any other variety, while in symmetry of form it is so regular, so uniformly one like the other, as to create comment wherever they are seen.

Fourth. The quality is superb, being exceedingly brittle and crisp. The flavor is delicate and entirely devoid of the bitter taste so frequently noticed in other varieties.

Fifth. As a shipping cucumber, the "Sterling" cannot be surpassed, as it holds up in color and quality better than any other variety.

Price, pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75., postpaid.

### Go Like Hot Cakes.

I planted one acre of Sterling Cucumbers. They go like hot cakes on the market on account of the nice shape and color. They yield well also.

ALBERT WEHREN, Waukesha, Wis.

### Four to Six Dollars a Crate.

Please send us two pounds of Sterling Cucumber seed. We sold eight to ten inch cucumbers from your seed and got four to six dollars a crate for them.

The M. B. LYMAN CO. Lantana, Fla.

### Best Ever Introduced.

I think your Sterling Cucumber is the very best that has ever been introduced.

W. S. PECK, La Porte City, Iowa.



## Northrup, King & Co.'s Extra Long White Spine.

(Sold only in sealed packages.) A fine variety for either greenhouse or open ground. It grows to a large size in a very short time and commands fancy prices on account of its fine form and appearance. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

## Improved Arlington White Spine.

The fruit is uniform in size and shape averaging seven to eight inches long. Color dark green, quality excellent and contains but few seeds. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

**Cool and Crisp.** A strain of the white spine similar to the Arlington but larger. Fruit long, cylindrical, dark green. Fine for table use. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.



## White Spine, Evergreen.

Northrup, King & Co.'s Special Strain. A fine strain, bearing blue-green fruit, often from ten to twelve inches in length, smooth, round and of fine quality; Especially recommended for hot-bed culture. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.35.

**White Spine, Improved.** Large handsome, uniform fruits. Crisp and fine flavor. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.15.

**White Spine Peerless.** Larger than the Improved, but not quite so early. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.15.

**Japanese Climbing.** A vigorous grower, can be trained on a trellis. Fruit from 12 to 16 inches long, dark green and smooth. Flesh pure white, crisp and tender. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

**Long Green.** Produces dark-green fruit from 10 to 14 inches long. Flesh solid, crisp and of fine quality. Fine for slicing and pickling. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.35.

**Boston Pickling.** Very productive grown largely for pickles. Fruit medium sized, very smooth, bright green. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

**Green Prolific.** Very productive planted both for slicing and pickling. Four or five inches long when large enough to slice. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

**Chicago or Westerfield Pickling.** Fine for market gardeners. Medium length, pointed at each end; has large spines, deep green, very prolific. A fine pickling variety. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.35.

**Early Green Cluster.** Fruit small, grows in clusters of two or three, very prolific, short, dark-green. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

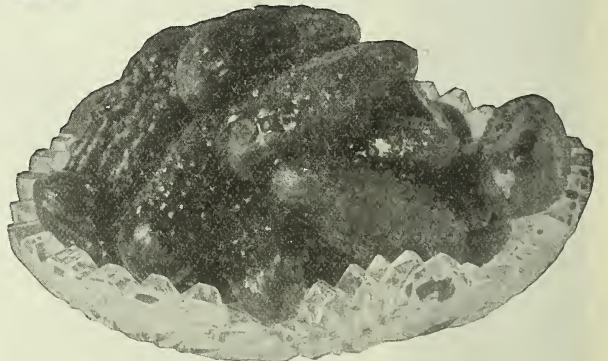
**Early Frame or Short Green.** Used for table and pickling. Very productive. Fruit straight, bright green. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

**Northrup, King Co.'s Siberian.** (Sold only in sealed packages.) The earliest. Fruits are small, being about three inches in length and 1½ inches in diameter. Plants productive and fruits of excellent quality. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

### Best I Ever Saw.

I think your Siberian Cucumber is the best I ever saw in this locality.

IRA WARD, Colbert, Wash.



Northrup, King & Co.'s Pickling Cucumber.



## Northrup, King & Co.'s Pickling.

(Sold only in sealed packages.) It would be difficult to "make to order" a better pickling cucumber than this. Fruit is medium length, pointed at each end; color deep green. It is very productive. Flesh crisp and tender, and covered with spines. The best sort for those who like a crisp pickled pickle. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50.

**Ak-sar-ben.** One of the finest strains of white spine cucumbers; vigorous and prolific. Fruit is uniform in size, averaging eight to ten inches long, dark green in color and handsome in appearance. Pkt., 5c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

**EGG PLANT.**

Northrup, King & Co.'s Improved New York Spineless.

Sold only in Sealed Packages.

The handsomest type and most perfect strain of Egg Plant in existence. The plants are stocky and low branching, stalks entirely free from spines, and produce continually handsome, deep purple fruits of largest size and most perfect symmetry. The plants usually bear eight to ten immense fruits of the finest quality before being killed by frosts. Large pkt., 10c; oz., 40c; ¼ lb., \$1.40; lb., \$4.75, postpaid.



**ENDIVE.**

This plant furnishes an attractive and appetizing salad for the fall and winter months, or by repeated sowings a supply may be had nearly all the year round. Useful in flavoring soups, stews, etc.

**Green Curled.** Leaves finely cut, Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.40, postpaid.

**White Curled.** Very beautiful, leaves need no blanching. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50.



Northrup, King & Co.'s Improved New York Spineless Egg Plant.



Leek.



White Curled Endive.

**KOHL RABI.** Early White Vienna. For Forcing. Very early, small, handsome, white bulb. Best early variety for the table. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.25, postpaid.

**LEEK.** Large American Flag, or "Broad London" A large growing variety. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.10, postpaid.

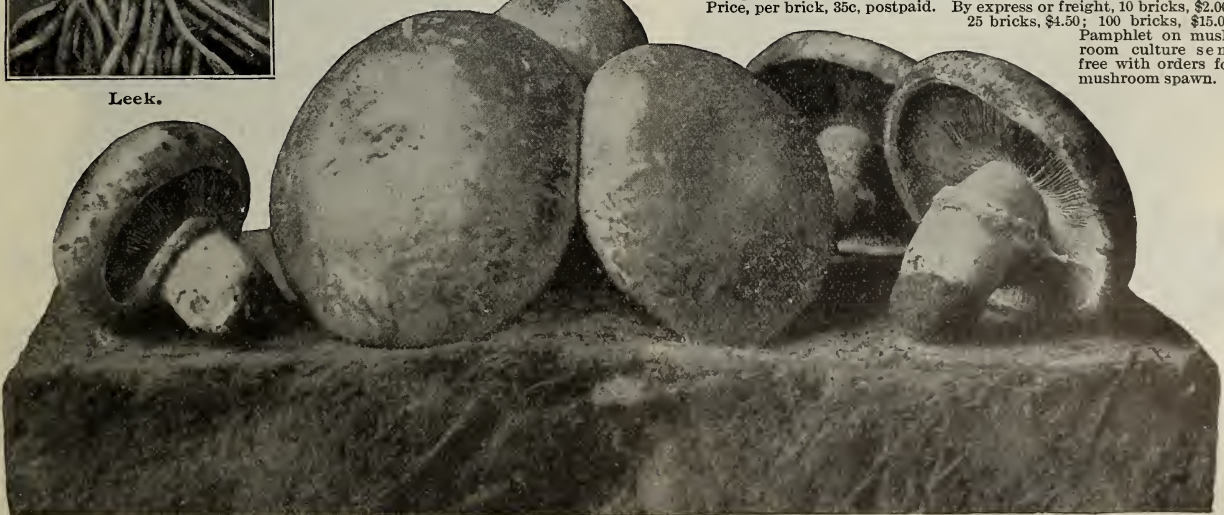
**GOURDS.** Japanese Nest Egg Gourd. Resemble exactly in color, form and size the eggs of hens; do not crack and are uninjured by cold or wet. Pkt., 5c; oz., 15c; ¼ lb., 40c.

**Mixed Gourds.** These are desirable for many places where an immense amount of vine is wanted quickly. The fruit is unique and ornamental, and often useful. The small, fancy Gourds are excellent toys for children, while the larger Gourds may be used as dippers, sugar troughs or bowls. All kinds including Nest Egg, Dish Cloth, Dipper, Japanese, etc. Pkt., 10c; oz., 15c; ¼ lb., 50c, postpaid.

**MUSTARD.** Southern Giant Curled. Used largely for salad, especially in the South. Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 20c; lb., 65c, postpaid.

**OKRA or Gumbo, Mammoth Long Podded.** Exceedingly productive and bears splendid dark green pods from eight to nine inches long. It does not grow hard. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c, postpaid.

**MUSHROOMS.** Lambert's Pure Culture Spawn. Mushrooms may be grown in any place where conditions of temperature and moisture are favorable. A shed, cellar or cave may be utilized to advantage for this purpose. It is essential that the temperature be maintained from 53 to 60 degrees F., and that the moisture be properly regulated. Lambert's Pure Culture Spawn is far superior to the old style varieties and much better results can be obtained from its use. The bricks should be broken into pieces about two inches square and planted from ten inches to a foot apart. With every order of mushroom spawn we send free of charge complete instructions for mushroom culture. Bricks weigh from 18 to 24 ounces. A brick will spawn ten square feet of bed. With Lambert's Pure Culture Spawn it is impossible to raise poisonous mushrooms. Price, per brick, 35c, postpaid. By express or freight, 10 bricks, \$2.00; 25 bricks, \$4.50; 100 bricks, \$15.00. Pamphlet on mushroom culture sent free with orders for mushroom spawn.



Lambert's Pure Culture Spawn and Mushrooms Grown From It.

# LETTUCE



Northrup, King & Co.'s Sterling Lettuce.



## Northrup, King & Co.'s "Sterling."

Sold only in Sealed Packages.

This grand lettuce delights all who grow it. It is equally suited for the market gardener and the private planter. The market gardener will find that this lettuce will command a premium over other sorts on account of its appearance and quality, while for private gardens no other lettuce approaches it for table use. For salads it is unequalled. Our Sterling Lettuce comes under the "crisp heading" class. The plants attain quite a large size, but are never coarse. The outer leaves are of a beautiful green, changing toward the center of the head to a rich golden yellow. In flavor it is extraordinarily sweet and crisp, and is of such beautiful appearance and superior quality as to cause universal remark. We never give the name "Sterling" to a variety that is not the very best of its class, and purchasers may rely on finding this lettuce the best they ever put on the table. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 45c; lb., \$1.50.

**Best We Ever Had.**

*The Sterling is the best lettuce we ever had. Your Peep o' Day Sweet Corn is certainly fine—the best sweet corn we ever raised.*

JOHN ATHENS, Oakland, Wis.

**Especially Pleased.**

*I never had any seed that gave better satisfaction than yours, and am especially pleased with the Sterling Lettuce.*

B. S. WOLFE, Surrey, N. D.



Crisp as Ice Lettuce.

**Crisp as Ice.** The heads are large and very solid. When cut open they have a rich, creamy heart and are so tender and brittle as to warrant the name, "Crisp as Ice." Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 90c, postpaid.

**I Want No Other.**

*Your seeds have done well for us. Have used them four years and want no other. We enjoy your Crisp as Ice Lettuce very much, as it is exactly what its name signifies, crisp.* (MRS.) JOS. RUNCK, Lynchburg, N. D.

**Golden Queen.** An early sort. One of the best for out-door planting, as well as growing under glass. The color is a beautiful golden yellow. The heads are so solid, that there is no waste. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00, postpaid.

**Black Seeded Tennis Ball.** One of the best for forcing or early out-door planting. Plants medium size, having thick, dark green leaves. When grown, forms solid heads which are crisp and tender. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00, postpaid.

**California Cream Butter.** Forms round, crisp, solid heads, of buttery flavor, medium early. One of the best summer varieties of head lettuce. Large pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.



California Cream Butter Lettuce.

# LETTUCE



**Northrup, King & Co.'s Market Gardeners.** (Sold only in sealed packages.) This is one of the very best of the "butter" head lettuces. It is a very great favorite with market gardeners and holds the lead in point of popularity. Large pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 45c; lb., \$1.50, postpaid.

**Big Boston.** A large heading, forcing sort, very hardy and vigorous, with broad, comparatively smooth, thin and very hard, bright green leaves. Quite tender. Indoors this forms a solid head, while outside it is less distinctively a heading sort. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 45c; lb., \$1.50.

**Iceberg.** Has an unusually solid head. The white main ribs of the leaves curve toward the center, which keeps the interior thoroughly bleached. It is quick growing and always crisp and tender whether propagated in early spring or in the hot days of summer. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25, postpaid.



May King Lettuce.

**May King.** An unequalled variety for early spring planting in the open ground. It is extremely hardy and very quick growing. The plants grow six to seven inches in diameter, with the outer leaves folded closely, forming the plant into a solid head. The outer leaves are light green, slightly tinged with brown; the inner leaves are bright yellow and of a fine, rich, buttery flavor. Each head will weigh nearly a pound on the average. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

**The Morse.** Each plant makes a large bunch of beautifully wrinkled leaves of brilliant green color; a most excellent variety, both for early spring and summer use. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

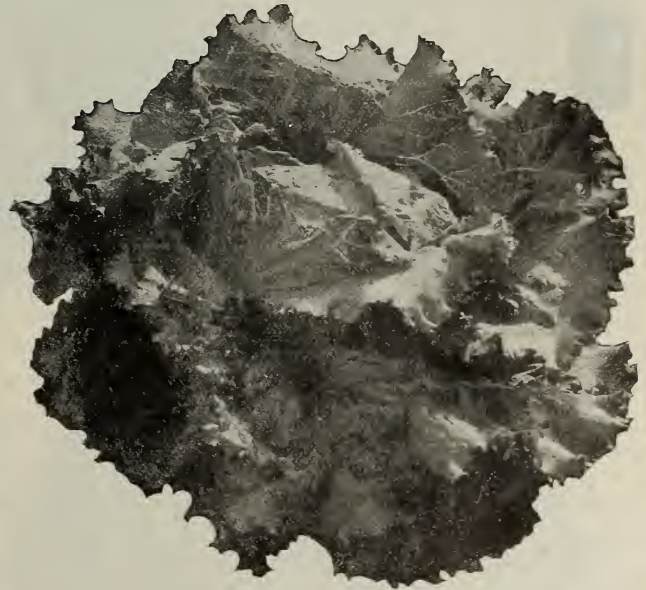
**Black Seeded Simpson.** One of the best, either for forcing under glass or for open ground culture. It forms large, thin, loose leaves of light green color, very tender, crisp and of fine quality. A fine sort for summer, as it withstands the heat; also for the home garden. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.



Grand Rapids Lettuce.

**Grand Rapids.** The most popular variety for green-house planting. It will make a quick growth even under adverse conditions. It is of handsome appearance, a strong grower and not subject to rot. When exposed for sale it keeps from wilting longer than other varieties. Its upright habit of growth permits close planting. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

**Salamander.** A very bright green and attractive variety. It forms large, solid heads of thick, smooth, very tender leaves of the finest quality. It remains long in head before going to seed. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25, postpaid.



Improved Hanson Head Lettuce.

**Improved Hanson Head.** The Hanson is one of the most valuable of the crisp heading sorts. It is in all respects one of the very best out-door varieties for both the professional and amateur gardener. It is very hardy and will stand extremes of weather better, perhaps, than any other of the "crisp heading" sorts.

In color it is of an attractive green. The head which attains a large size, is hard, tender and crisp, with a blanched appearance in the center.

It is of capital table quality, wholly free from bitterness and remains in excellent condition for use long after it has reached maturity. Large pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

**Prizehead.** A large loose headed, thin leaved sort. The very large leaves are crimped, bright green, tinged on the edges with reddish brown and are crisp and sweet. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**Early Curled Simpson.** A popular sort, free from bitterness; forms large, loose heads. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.



Prizehead Lettuce.

# WATERMELON



## Northrup, King & Co.'s Klondike.



(Sold only in sealed packages.) The earliest. The great objection to the extremely early watermelons has been their inferior quality. This has been entirely overcome in the Klondike, which is offered with the assurance of being, not only remarkably early, but as sweet, delicate and melting in flavor as any variety grown. The flesh is of a deep scarlet. Rind thin, and on this account is not a particularly good shipping sort, but is emphatically the variety for home use and sale. It will ripen in altitudes where it has not been thought possible to mature a good watermelon. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

### A Month Earlier.

*The seeds I have had from you which have pleased me the most are Klondike Watermelon and Peep o' Day Sweet Corn. I can get ripe melons from the Klondike and corn from Peep o' Day a month earlier from your seed than from seed raised here.*

JOHN CAMERON,  
Berkeley, Mass.

### Especially Well Pleas'd.

*I have been using your seeds for eleven years, and they are true to name, and more satisfactory than any other that I have ever planted. I have been especially well pleas'd with the Klondike Watermelon.*

EUGENE E. McPHERSON, Gould City, Wash.

### The First In This District.

*Your seeds are O. K. I raised and matured water and musk melons from your seeds; the first melons that were raised in this district.*

H. G. LEYDE, Little Fork, Minn.

### Highly Pleas'd.

*This is the first year I have used your seeds, but it is not the last, as I am highly pleas'd with them, especially with the Klondike Watermelon.*

ARTHUR M. CRAPO, Woods, Minn.

### Several Wagon Loads.

*I raised several wagon loads of good watermelons from seeds I purchased of you last spring, principally Klondike.*

NATHAN H. PIERCE, Leota, S. D.

### Very Satisfactory.

*In the five years in which we have been using your seeds they have proved very satisfactory, especially the Klondike Watermelon.*

(MRS.) J. S. JACOBS, Benwood, Minn.

**Kolb's Gem.** Very large, slightly oval, striped with light and dark green. Rind very hard and firm. Flesh bright red, solid, coarse grained, but tender and sweet. Large pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

**Fordhook Early.** An extra early watermelon of large size. The rind is tough, making it desirable for shipping purposes. Flesh is bright red and very sweet. Large pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 70c.

**Phinney's Early.** Very early, quality good; hardy. Bears abundantly, medium sized, oblong melons with thin, smooth rind; flesh pink and tender. Large pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

**Ice Cream or Peerless.** Rind thin, light mottled green to the center. Sweet as honey. Large pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

**Harris' Earliest Watermelon.** Sweetest and best shipping early melon. In form the melon is oval to oblong; beautifully striped with green and gray; bright red flesh, which is sweet, tender and delicious. It is very productive. It is the melon for everybody to grow who wants to be first in the market with fine large melons weighing from 20 to 30 pounds. It bears shipment very well, and on account of its extreme earliness, handsome appearance and fine table qualities, always finds a ready sale. Large pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

## Northrup, King & Co.'s Kentucky



**Wonder.** (Sold only in sealed packages.) One just cause for criticism of many of the new melons is that, for the most part, they have been, at the best, slightly improved strains of some old and well known sort. This cannot be said of Kentucky Wonder. It is distinct, and the melon itself proves it. In shape it is oblong, attaining a good size; skin dark green and beautifully marked. Flesh a beautiful rich scarlet color, crisp, rich, sugary, always firm and solid, never mealy or tough. Large pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.00.

**Sweetheart.** Remains in condition for use longer than any other sort. Fruit early, large, oval and very solid. Flesh bright red, tender and sweet. Rind thin, but strong, making it a good shipper. Large pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 70c.

**Dark Icing.** Rind thin, but very strong; one of the best for early shipping. Fruit large, very dark skinned and of attractive appearance. Flesh rich, bright red, and of fine quality. Large pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

**Kleckley's Sweets.** The finest of all medium early watermelons for home use. The rind is too thin and tender to stand long distance shipment. The fruits are uniform in size, oblong in form, the skin is a rich dark green, the flesh, bright scarlet, the seeds lie close to the rind, leaving a very large, solid, red core. The flesh is rich, sugary and melting, being entirely free from stringiness. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.00.

### As Good as Money Can Buy.

*I have found your seeds to be as good as money can buy. An especially fond of Kleckley's Sweets Watermelon.*

HERBERT STEVENS,

Eau Claire, Wis.

**The Dixie.** This watermelon is the best shipping melon grown, being even larger, earlier and far more productive than the Kolb's Gem, which has heretofore been considered the best melon for shipping. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

**Mammoth Ironclad.** Large fruits nearly two feet long. Skin dark green with lighter stripes. Rind thin but exceptionally tough. Flesh bright red, firm, solid and crisp but rich and sugary. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

## Citron for Preserves.

Fruit round and smooth. Is not eaten raw, but is used for making a very clear, transparent preserves of peculiarly fine flavor. Flesh, white and solid. Large pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.00.

### Perfect Satisfaction.

*Your seeds gave perfect satisfaction. I raised a citron that weighed nineteen pounds. We are always going to use your seeds.*

AMEL MUNSON,  
Watkins, Minn.

Note:—As with other vine crops Watermelon Seed is in short supply this season, which accounts for a few of our prices having been advanced. Our stocks of some of our specialties are very limited and we do not think they will last thru the season. Order early and avoid disappointment.



Citron for Preserves.



# MUSKMELON

## Northrup's Yellow Meated Japan.



(Sold only in sealed packages) This is by far the finest, most luscious and pleasing muskmelon ever grown. It is much superior to any other variety, either green or yellow fleshed, and captures the trade wherever and whenever it is offered for sale. All gardeners who have never tried this magnificent melon should purchase at least a package. The vines are hardy, permitting earlier planting, very prolific, and produce very large fruits, nearly as early as the smaller varieties. The melons are nearly round, not deeply ribbed and covered with patches of netting. The skin is yellowish white when ripe. The crowning feature of this melon is found in the thick, melting, delicious, salmon-colored flesh. It is extremely rich, sweet and highly flavored. We know of no other sort which will give as great satisfaction or prove as big a seller as our Yellow Meated Japan Muskmelon. Large pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

**Large and Juicy.**

Your Yellow Meated Japan Muskmelon was very large and so juicy and mellow that they would almost melt in your mouth. I must have some more of that seed.

(MRS.) MARY MORGAN, Kellogg, Iowa.

**The Best Melon Grown.**

Every one who saw my garden said it was the best in all Edgewood. From six hills of your Yellow Meated Japan I had 50 melons, 42 of which I sold for 10c each. It is the best melon grown.

**Best Melon I Ever Grew.**

The Yellow Meated Japan Muskmelon, of which I got the seed of you, is the best melon of its class I ever grew either for home or market, and I have grown melons for forty years. W. T. BERRY, Virginia, Ill.

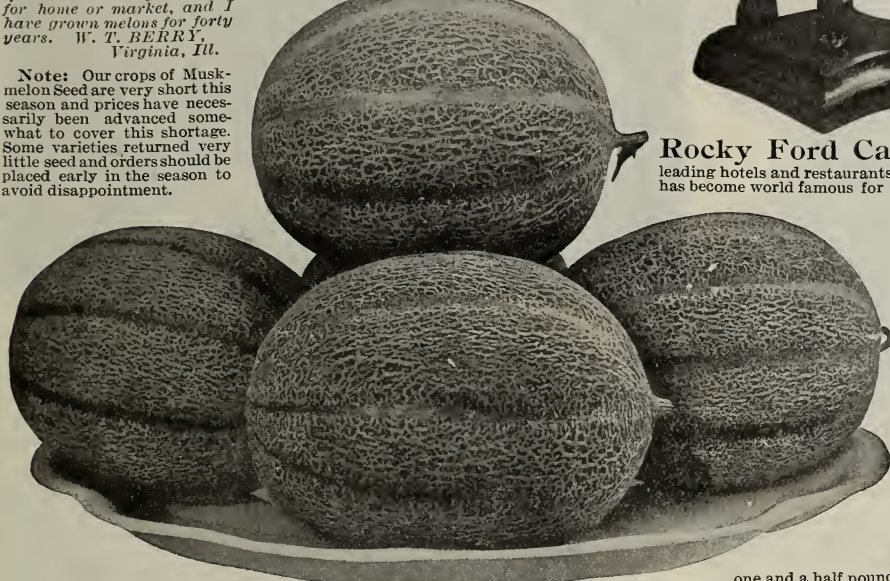
**Note:** Our crops of Muskmelon Seed are very short this season and prices have necessarily been advanced somewhat to cover this shortage. Some varieties returned very little seed and orders should be placed early in the season to avoid disappointment.



## Northrup's Yellow Meated Japan.

**Have to Change the Mark.**

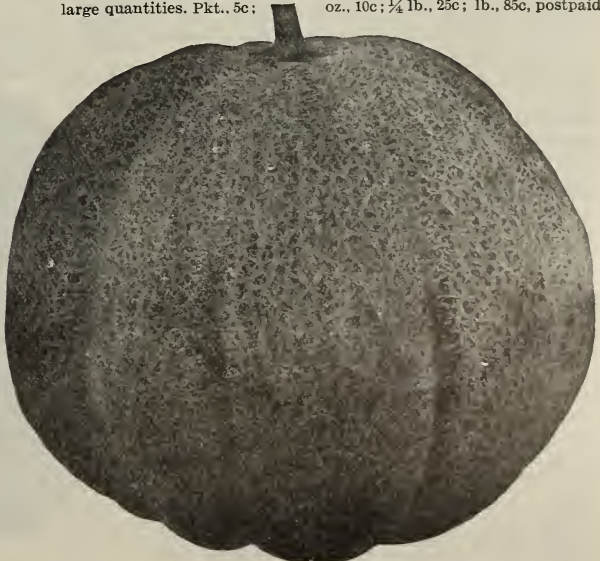
You will have to change that 10 lb. mark on your scales in the picture and make it 1 ¼ lbs. for "Honest Injun" I raised a 1 ½ lb. Yellow Meated Japan Muskmelon and sold it for 50 cents. HUGH G. DuBIEUX, Joliet, Ill.



Rocky Ford Cantaloupe.

## Rocky Ford Cantaloupe.

This melon, known on the bills of fare of the leading hotels and restaurants of America as the Rocky Ford Cantaloupe, has become world famous for its sweet, luscious, melting flesh, which is of captivating flavor. This melon takes its name from the little town of Rocky Ford, Colorado, which has become as famous for its melons as Baltimore for its oysters. The popularity of this melon is best attested by the fact that about one thousand carloads of them are annually shipped from Rocky Ford to all parts of the United States—to say nothing of the large quantities grown and shipped from other stations. It is safe to say that no melon has ever been so popular in the large city markets and has sold so readily at such high prices as the Rocky Ford. It is just the right size to serve in halves, and this fact together with its delicious flavor makes it ideal for that purpose. The vines are exceedingly healthy and vigorous, bearing an abundant supply of fruit during the entire season. The melon when ripe should have a silver colored laced-like veiling, making it very attractive in appearance. The green flesh is very deep, very solid, yet so sweet and melting as to be eaten close to the rind. The seed cavity is very small. The average weight is about one and a half pounds. As we are fortunate in obtaining a large stock of this seed our price is very low. Write for special prices in large quantities. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c, postpaid.



Hackensack or Turk's Cap Muskmelon.

**Extra Early Hackensack.** Fruit attains a good size, weighing four to six pounds each. The melons are round, heavily ribbed; skin is green and thickly netted; flesh is light green, of delicious flavor, rich and sugary. It is also a luxuriant, healthy grower, and exceedingly productive. This is the earliest of all large netted melons. Large pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

**Hackensack or Turk's Cap.** Fruit very large, round, heavily ribbed and netted. Flesh green, thick, coarse, very sweet and fine flavor. It is hardy and very productive. Large pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

**Extra Early Citron or Early Nutmeg.** A standard and well known variety. Fruits are round, 6 to 8 inches in diameter, ribbed and netted. Flesh is thick and pale green in color, very sweet. Large pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

**Osage or Miller's Cream.** Fruit medium sized, oval, slightly ribbed, dark green in color, banded with lighter streaks, covered more or less with shallow netting. The flesh is deep salmon color and very thick, there being but a slight cavity in the center of even the largest fruit, and of exceptionally fine quality. A favorite variety for the later markets. We have taken a great deal of pains to develop the thick, deep, rich colored and fine flavored flesh of this sort. Large pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

**Improved Yellow Cantaloupe.** Large oval-shaped fruit with deep ribs. The flesh is salmon yellow and very sweet. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c.

**Tip Top.** The melons are round, well ribbed, with light green skin which becomes netted when ripening. They average seven inches in diameter. The flesh is quite thick, bright salmon in color, and of luscious, melting flavor, but sufficiently firm for shipping purposes. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

**Early Netted Gem.** Slightly oval in form; finely netted, being a light golden hue when fully ripened. Flesh light green in color, melting and luscious in flavor, ripens close to the skin. Large pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

# MUSKMELON

**Long Island Beauty.** Fruits of large size, well flattened, heavily ribbed and netted. Of very handsome appearance and fine quality. Very highly recommended; ripens early and is superior in flavor; green fleshed; Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

**Jenny Lind.** This is the earliest of the green fleshed sorts and one of the sweetest. It is round or flattened. In size it is small, being from three to five inches in diameter—a very convenient size for serving in halves. It is more largely grown in the great melon producing state of New Jersey than any other sort and is used in enormous quantities in the Eastern cities and at the seashore resorts. The vines are very prolific and the culture profitable. Large pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00, postpaid.

**Emerald Gem.** Very early. A richly flavored melon, salmon colored flesh which is almost crystal in appearance, the flavor being rich, very sweet and luscious. The skin is quite smooth, and of a beautiful deep green color. This variety is very prolific and is one of the most valuable sorts in cultivation. Large pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.60.

**Defender.** One of the best yellow fleshed sorts, and in some respects is superior to all others. The melons are medium sized, oval in shape, slightly ribbed, and covered with gray netting. The flesh is firm, fine grained, rich, deep yellow and of high flavor. The rind is very thin, but is very hard and firm, making it an exceptionally fine shipping variety. The vine is vigorous and very productive. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

### Well Pleased.

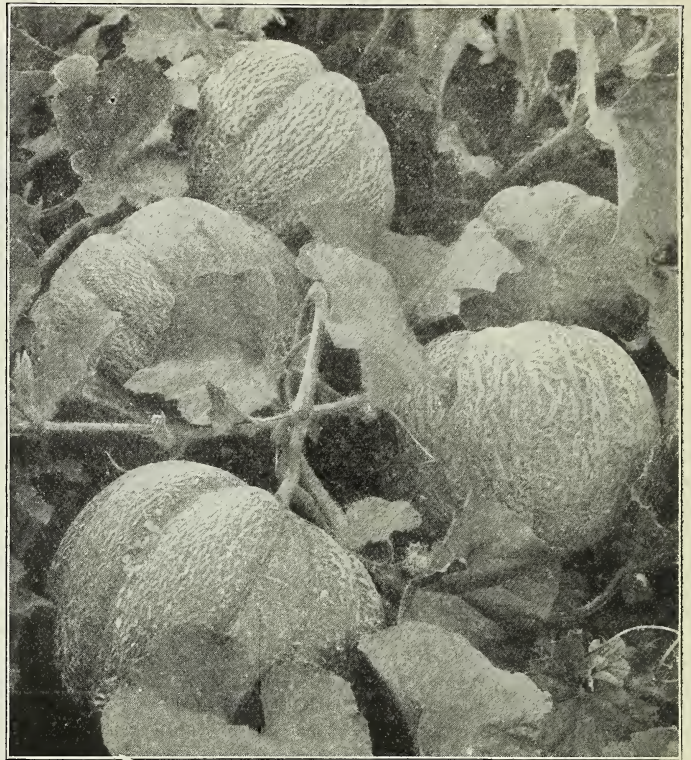
*I was particularly well pleased with the Northrup's Yellow Meated Japan Muskmelon, Sterling Beet and Improved Hubbard Squash.*

H. K. SHELDON, Fairhaven, Vt.

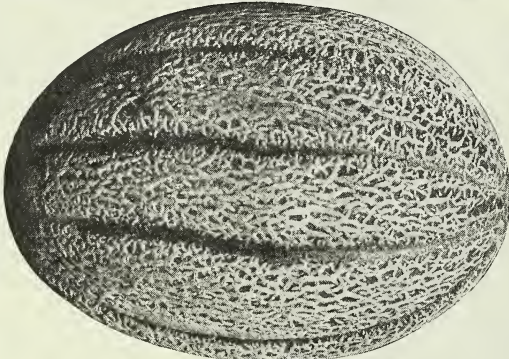
### Best of Satisfaction.

*Your Yellow Meated Japan Muskmelon, Klondike Watermelon and Holland Cabbage have all given me the best of satisfaction.*

E. L. THOMAS, Vergas, Minn.



Long Island Beauty Muskmelon.



Burrell's Gem Muskmelon.

**Burrell's Gem.** This new melon is without question unsurpassed in quality, size and shape as a shipping variety. It has a thin tough rind, the ribs of which are closely interlaced with gray netting. The average length is six inches, by four and one-half inches in diameter. They weigh about two and one quarter pounds each. The reddish orange flesh is very thick, fine grained and spicy and of a flavor unexcelled by any other melon. So great has been the demand for this variety by commission houses who have handled them that growers are unable to keep them supplied. They always command a much higher price than other sorts and sell readily when other melons are a drug on the market. Our seed comes direct from the originator. Be sure to include with your order. Packet, 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

### Had Fine Luck.

*I have had fine luck with the seeds I have purchased from your house, especially with Northrup's Yellow Meated Japan Muskmelon.*

(MRS.) MAUD HISCOX, Montrose, S. D.

### They Are All Right.

*All your seeds that I have used have been satisfactory. I have planted cantaloupe, watermelon and several others. They are all right.*

W. P. EMERSON, Iva, S. C.

### Grow More, Larger and Better.

*I have bought your seeds for a number of years and have given them a fair test with seeds I bought from other firms. I am well pleased with the results, and the truth is I grow more, larger and better melons from the seed I bought of you than from any other seed I ever tried.*

SAM HENRY, SR., McNairy, Tenn.

**Paul Rose or Petoskey.** Combines all the good Gem and Osage, the varieties from which it originated, possessing the sweetness of the latter with the finely netted appearance of the Gem. Fruit oval, about five inches in diameter, shape and general appearance similar to the Netted Gem, of a light green or faint golden hue when fully ripe. Firm flesh, a rich orange red like the Osage, but even sweeter and higher flavored; ripens close down to the rind, with small seed cavity; the most uniformly good of any muskmelon grown. Best shipper, just the size for hotel and table use. Really has no equal as a market melon for professional growers and one of the very best sorts for the home garden. Large pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50.

**Melon Peach.** The fruit is about the size of a large peach, oval-shaped and of a bright orange color, somewhat russeted. When they first ripen they are quite hard and have very little taste, but soon become mellow and fit for use. When ripe the fruit falls from the vine; the flesh is very firm. Although they are very fine for preserves, pies, pickling, etc., Melon Peaches are not eaten raw. For this purpose they are delicious if first peeled and the seeds removed; then cut in thick slices. For preserves treat as you would any fruit, using half sugar and half fruit, and a little lemon essence or a few pieces of sliced lemon. For pies, slice and season the same as green apples, using top and lower crusts and bake slowly. This new pie when first eaten will not be soon forgotten, making a most appetizing dessert. Melon Peaches are very easily grown same as melons and are very productive. Pkt., 10c; oz., 40c.

### Went Wild Over Them.

*The Melon Peaches were grand. Everyone who tasted them were wild over them.*

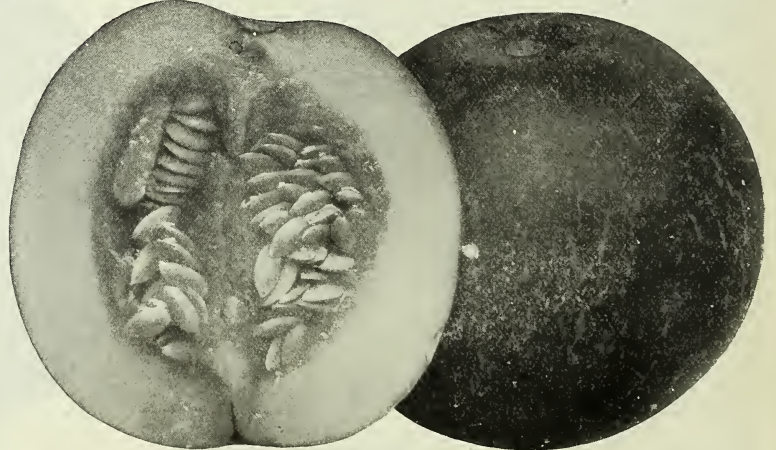
C. M. FIRTH, Claremont, Minn.

### Yielded Abundantly.

*I am pleased to say that your seeds did exceedingly well. The Melon Peaches were fine and yielded abundantly.*

OREL H. SOVEREIGN, Evans, N. D.

**Garden Lemon.** Resembles very much in habit of growth the Melon Peach. The fruit is round, somewhat smaller than the Melon Peach; has thinner flesh, and is decidedly more acid in flavor. Pkt., 10c; oz., 35c.



Melon Peach.

# ONION

## Three Superb Minnesota Grown Onions

### Northrup, King & Co.'s Minnesota Red



**Globe.** Sold only in Sealed Packages. This beautiful strain of Red Globe Onion surpasses all others in earliness, productiveness, perfection of shape, uniformity of size, richness of color, and long keeping qualities.

We have proved, without doubt, to some of the largest growers of onions in the country that our Minnesota Red Globe is the most perfect onion in existence.

For several years our efforts have been directed toward the improvement of Globe Onions; Red, Yellow and White, having a definite purpose in view; first, to reduce the size of the neck and to cut off the projecting bottom thus producing a perfectly globe-shaped onion that will mature and ripen down earlier, as well as being of better shape; second, to produce a very long keeping onion.

Nearly all of the onion seed used in this country is grown in California. In that state the bulbs are harvested in August and September and are planted for seed the same fall; long keeping qualities are therefore not required under this method of growing seed.

To grow seed in Minnesota, as we grow it, requires that we must harvest the bulbs in the fall, and carry them through the winter in store houses until about the first of May; our onion bulbs, therefore, must keep about seven months, and onions which will do that are very good keepers.

Every onion grower knows that frequently, in the spring, onions sell for extremely high prices, even though they were very cheap the previous fall. The reason is usually, not that an insufficient quantity of onions was stored, but that they would not keep. It is self evident, therefore, that the man who uses Minnesota grown seed and can put his onions away with the assurance that they will keep longer and with less shrinkage has the advantage for making money from the onions thus stored, over the man who grows onions from California grown seed.

So great has become the demand for our Minnesota Globe Onion seed, that to avoid disappointment, many large growers are placing their orders one year in advance.

There has never been a season since growers became acquainted with this variety that our stock has been sufficient to supply the demand. We suggest, therefore, that orders be placed promptly on receipt of this catalog. Northrup, King & Co.'s Minnesota Red Globe Onion. Large pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50, postpaid.

#### The Best Keeper Of All.

*I can honestly say that I have been better pleased with your seeds than with any others I ever used. Have been especially well pleased with the Minnesota Red Globe Onion. I find them very good and the best keeper of all. Good, solid onions without a sprout as late as May.*

HOMER L. DAVIS, Whitewater, Wis.

#### A Surprise To All.

*The Minnesota Red Globe Onion was a surprise to all here. We had fifty-one bushels from a small patch of ground, some of which were five and a quarter inches in diameter.*

J. H. AYRHART, Dedham, Iowa.

#### They All Grew.

*The first year I planted your Minnesota Red Globe Onion I sowed them thickly, allowing for poor seed, but found that all grew, and I had the trouble of thinning them out.*

ALFRED KING, Otsego, Minn.



### Northrup, King & Co.'s Minnesota Red Globe Onion.

#### Wants It Again.

*I want 6 lbs. more of your Minnesota Red Globe Onion. I had 5½ lbs. last year and raised from it 1100 bushels.*

FRANK TRI, Zumbrota, Minn.

#### Greatest Yield I Ever Saw.

*The Minnesota Red Globe Onion seed purchased of you gave the greatest yield I ever saw—211 bushels from a little more than one quarter acre.*

W. F. TAYLOR, Cumberland, Wis.

#### No Scallions or Small Bulbs.

*The Minnesota Red Globe Onions I bought of you are certainly the best I ever had, not a small onion or a scallion on the half acre.*

L. FRINK, Gray Eagle, Minn.

#### Beats Them All.

*I believe we have tried every variety of onion in all the seed catalogs, but your Minnesota Red Globe beats them all. We have not had a single disappointment from your seeds.*

(MRS.) WM. McCORMICK, Lancaster, Wis.

#### Best We Ever Used.

*I have always been well satisfied with seed purchased from you. The Minnesota Red Globe Onion was the best I ever used. I harvested 50 bushels of large onions from ¼ lb. of seed; obtained also 2 tons of Mangel Wurzel from ¼ lb. of seed.*

NICHOLAS RIES, Watertown, S. D.

### Northrup, King & Co.'s Minnesota White



**Globe.** Sold only in Sealed Packages. White varieties are the mildest in flavor of any of the onions and are, on this account, often preferred for family use. Our Minnesota White Globe is the most perfect in shape of any of the White Globe strains. Most of the White Globe stocks are marred by dark, rusty streaks. Our Minnesota White Globe is almost entirely free from this blemish and is the purest in color of any of the White Globe types. This is in every way the finest White Globe Onion in existence. Large pkt., 10c; oz., 30c; ¼ lb., \$1.00; lb., \$3.25, postpaid.

#### Found Them The Best.

*We have found your seeds to be the best. We never had nice onions until trying your seeds. I have persuaded my neighbors to order seeds from your house.*

(MRS.) JACOB A. STYNER, Dazey N. D.

#### Your Seeds Are Winners.

*I have found your seeds entirely satisfactory. This season I used seeds from two other houses besides your own and gave considerable attention to the relative merits of the seeds so planted. Your seeds proved much more satisfactory than the others, and I will plant them exclusively next season. Your Sterling seeds are winners, being true to description and of high germination. I planted two pounds of onion seed covering an acre and they yielded very nicely.*

E. O. KEENE, Java, Mont.

### Northrup, King & Co.'s Minnesota Yellow



**Globe.** Sold only in Sealed Packages. We have for years been working on the popular Yellow Globe Onion to bring it to the same degree of perfection attained by our Minnesota Red Globe and we now feel that we have succeeded in producing a type of Yellow Globe unequalled by any other strain in existence. It is a large globe shaped onion of the same general characteristics as our Minnesota Red Globe and will never prove a disappointment to the grower. If yellow onions are preferred, try this strain. Large pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00, postpaid.



Northrup, King & Co.'s Minnesota White Globe Onion.

# ONION

**Large Red Wethersfield.** Very popular, a sure and heavy yielder; the best keeper, grows to an immense size, solid, oval-shaped, flattened on top; skin purplish red, smooth and glossy; flesh white, slightly tinged with pink, strong flavored. The best variety for poor or dry soil. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75.

**Very Good.**

*The Large Red Wethersfield Onion seed proved very good, altho part of the season was very unfavorable. The Mastodon Carrot and Sugar Beets are also doing nicely.*

F. R. HENDERSON, Plover, Iowa.

**Special Favorites.**

*We have always found your seeds satisfactory in every way. Your Large Red Wethersfield Onion and Sterling Tomato are our special favorites.*

MARTIN DEAL, Plankinton, S. D.

**Ten Bushels for Twenty Cents.**

*I raised ten bushels of Large Red Wethersfield Onions from twenty cents worth of seed. Your seed always grows.*

N. P. JENSEN, Morrison, Iowa.

**Extra Early Red Flat.** (Sometimes called Extra Early Red Wethersfield). A medium sized flat variety, good yielder. Ready for use about two weeks earlier than Large Red Wethersfield. Fine grained and mild in flavor. Very desirable for early marketing. Best where seasons are very short. Good keeper. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75.

**Large Red Globe.** A handsome, dark red, globe-shaped onion. It averages three inches in diameter and nine to ten ounces in weight. The bulbs have thin necks, which ripen down forming a hard, solid globular bulb. This is a fine strain which will please all who grow it. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.35.

**White Barletta.** This variety is most distinct on account of its earliness. It is earlier than the White Queen. It is of a beautiful waxy white color and grows  $1\frac{1}{4}$  inches in diameter and  $\frac{3}{4}$  of an inch thick, with finely formed bulbs, slightly flattened at the top. Its earliness will highly recommend its use as a substitute for onion sets. An excellent bunching and pickling sort. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25, postpaid.

**Yellow Globe Danvers.** The bulbs are large and globular, with very thin necks; rich orange-yellow color. An enormous yielder and a fine keeper. Flesh white and mild. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25.

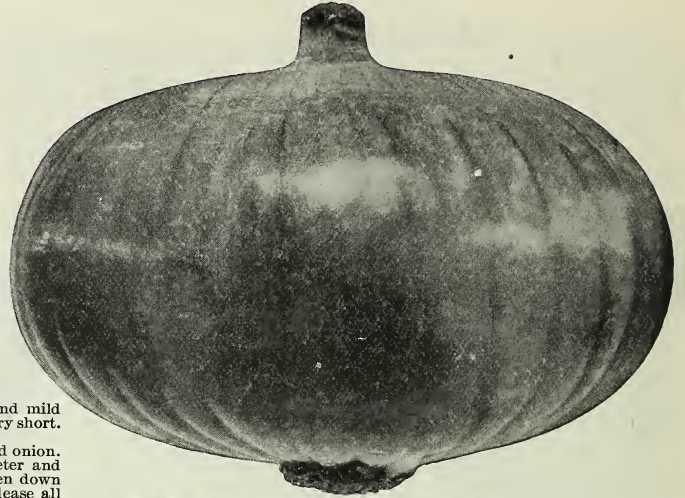
**Excellent Satisfaction.**

*Your Yellow Globe Danvers Onion seed gave excellent satisfaction.*

R. ROESCHEISEN, Orient, Wash.

**Mixed Onion Seed.** This mixture will be found not only

very convenient but profitable as well. It contains globe onions, flat onions, white, red, yellow and brown onions, all kinds. It will supply green onions early in the season, large onions early in the summer and all varieties for fall and winter use. Oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 80c, postpaid.



Large Red Wethersfield Onion.



**Yellow Danvers Flat, or Round.** Very productive, medium size, round, flat, early. Very reliable, small neck; thin, pale yellow skin. Flesh white, fine grained and mild. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.15.

**Yellow Strasburg or Dutch.** Later, darker in color and more flat than Yellow Danvers Flat. Flesh pure white and of mild flavor. The best variety to grow for sets, and is a splendid keeper. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

**White Portugal or American Silver Skin.** Bulbs medium size, ripening early and uniformly, with beautiful, clear white skin; flat, good keeper, delicate and mild flavor. Used largely for pickles, also as a bunching onion. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65c; lb., \$2.25.

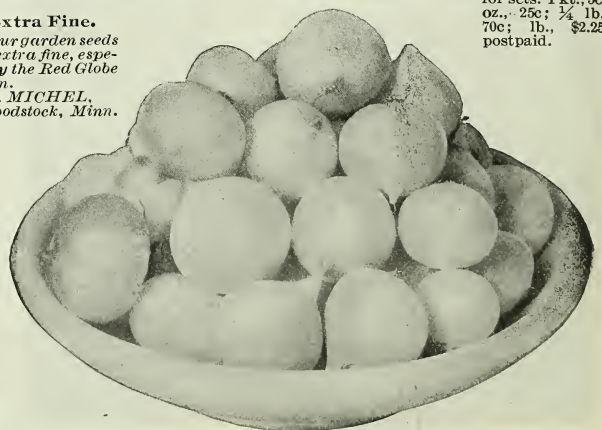
**Paris White Silver Skin.** An early, small, round, white variety. Excellent for bunching and pickling. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

**White Queen.** Small; noted for extreme earliness; and mildness of flavor. Bulbs average about an inch in diameter and are much used for pickling. Large pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

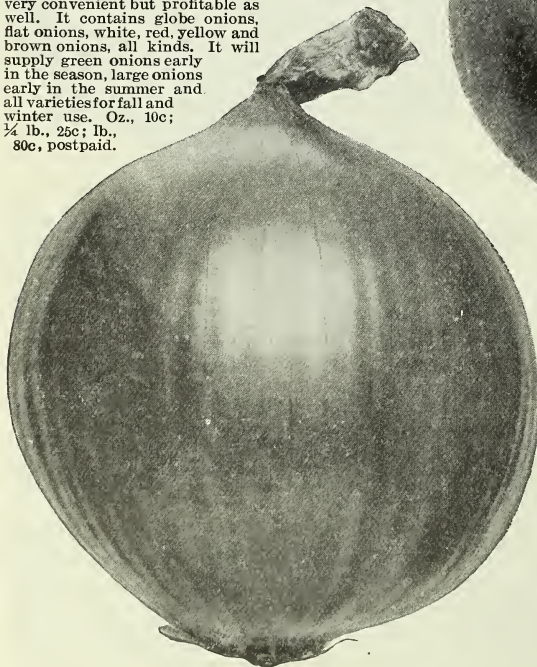
**White Pearl or Extra Early Bloomsdale** While originally of European origin, this is now fairly entitled to rank as an American variety. It is a pure silvery-white onion of very quick growth, frequently maturing in seventy days from sowing the seed. Bulbs are flattened, of medium size, with silvery-white skin; flesh crisp and mild in flavor. This variety is largely planted for bunching and for sets. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 70c; lb., \$2.25, postpaid.

Southport Yellow Globe Onion. See page 27.

**Extra Fine.**  
*Your garden seeds are extra fine, especially the Red Globe Onion.*  
W.M. MICHEL,  
Woodstock, Minn.



Northrup, King & Co.'s Pickling Onions.



Yellow Globe Danvers Onion.



**Northrup, King & Co.'s Pickling.** (Sold only in sealed packages.) For early bunching, pickling and sets. Small, hard, round; keeps well; pure white, does not turn green when exposed to the sun. Large pkt., 5c, oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.00. More Than Pleased.

*Have had the finest luck with your seeds, especially your Pickling Onion and Market Gardeners' Beet. I am more than pleased with your seeds.* (MRS.) J. M. JOHNSON, Climax, Minn.

# ONION



A Field of Northrup, King & Co.'s Prize

Taker Onions in Seed, Also Single Specimen,

## Northrup, King & Co.'s Prize Taker.

Sold only in Sealed Packages.

This onion has become a great favorite on account of its large size and great solidity. It is perfectly globe-shaped, with straw colored skin; the necks are very small and the onions always ripen up hard. An excellent keeper, exceedingly fine flavor, grows to an enormous size, onions weighing five pounds having been grown from seed the first year. Large pkt., 5c; oz., 20c; ¼ lb., 45c; lb., \$1.60, postpaid.

**Are Very Good.**

*I am very much pleased with your seeds; so much so in fact that I wish to place another order. Your Prize Taker Onions are very good. Last year I raised five bushels from a very small piece of ground. I want some more of that seed, for I think I can do even better.*

W. S. BILSBOROUGH, Algona, Iowa.

**Particularly Fine.**

*Have used your seeds for ten years and have always found them first-class. Your Prize Taker Onion and Chantenay Carrot are particularly fine, both in size and flavor.*

G. M. KERWIN, Etna, Mont.

**Best I Ever Had.**

*Your Prize Taker Onion was the best I ever had, and the Surehead Cabbage can't be beat.*

WM. BRUCKMAN, Radny, Minn.

**Very Satisfactory.**

*Your seeds have been very satisfactory for the last six years, especially the Prize Taker Onion seed, being true to name, plump, clean and dry. Your Clover is also first-class, clean and free from all foul seeds.* W.M. STEIN, Deer, Minn.

## Three Grand Onions.

**Southport Red Globe.** In all markets, globe onions are such shape that there is practically no waste. The onion which is perhaps the best known thruout the United States is the Southport strain. The Red Southport is perfectly globe-shaped and very handsome in color. The onions measure from two and a half to three and a half inches in diameter, and are very uniform both in size and shape. Our seed has been selected to thin neck plants which ripen down to a hard, solid ball, producing the largest proportion of marketable onions. They are also good keepers. The globe varieties, as a rule, yield the largest crops, from 800 to 1000 bushels an acre being reported quite frequently. The Red Globe meets with the greatest demand in the Northwest. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75, postpaid.

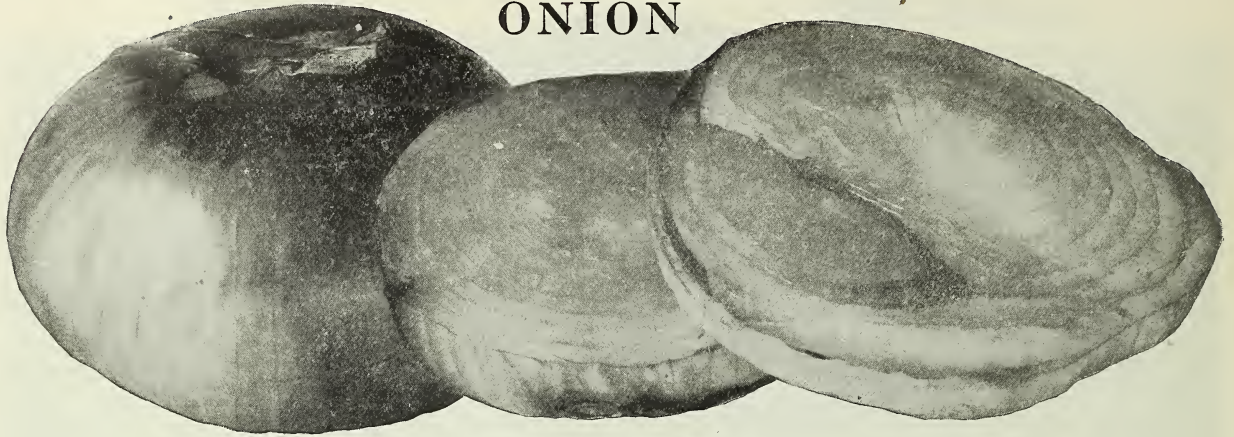
**Southport Yellow Globe.** Very similar to the Southport Red Globe, except that it averages a trifle smaller and matures a little earlier. The skin is a rich brownish yellow; the flesh white, crisp and fine grained. Great care has been given to the selection of our seed, so as to give uniformity of size, shape, small necks and heavy yield. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.40, postpaid.

**Southport White Globe.** White Globe Onions command the highest market prices when they are true globe-shaped and free from stain. Our Southport White Globe Onion meets these requirements, having a thin skin of purest whiteness. The flesh is crisp, fine grained, very white and mild. As soon as ripe, the bulbs should be stored in a cool, dark shed or dry cellar. Pkt., 5c; oz., 25c; ¼ lb., 80c; lb., \$2.75, postpaid.



Southport Red Globe Onions.

## ONION



Bermuda Onions. (True Stock)

**Crystal White Wax.** This new variety is a large, pure-white, flat onion. During the last two or three years it has become very popular with the large growers of onions in the South, especially in southwest Texas. It does very well under northern conditions and produces one of the mildest and sweetest of them all. It is very fine for slicing, the color being so clear and pure. The best seed is produced in Teneriffe, Canary Islands. Our stock is genuine. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 80c; lb., \$2.60, postpaid.

**White Bermuda.** The bulbs are quite broad and flat in form. The color is not a clear white, as in our American varieties, but rather a pale straw; flesh crisp, solid and mild in flavor. The plants are extremely thin-necked, insuring even and early ripening. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 70c; lb., \$2.25, postpaid.

**Red Bermuda.** Bulbs of this variety are similar in form and early ripening to the Bermuda White, but grow larger in size, ranging from three to four inches in diameter; very flat and of a light pink color. The flesh is white, slightly suffused with pink. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65c; lb., \$2.00, postpaid.

**Oregon Danvers Onion.** In shape it is round and full, not quite so thick as the Yellow Globe Danvers but of remarkably handsome form. In color it is distinctively bright and attractive, but its chief recommendation lies in its extreme earliness, its extraordinary productiveness, its wonderful qualities as a long keeper, and its mild and delicate flavor. So great has been the demand for it, that of late, growers have been entirely unable to supply the local home requirements. We especially recommend it to large growers of onion sets. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.60.

**Extra Early Brown Globe Onion.** This is one of the best market onions in cultivation, and is very highly recommended. It is early; forms good, large bulbs, which are fine grained, solid, heavy. It keeps in good condition for a long time. The color is a deep, rich, seal-brown, and the flesh is white, brittle and strongly flavored. A market onion should be a good keeper, early and of large size. This onion fills these requirements, and will meet with ready sale. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.00, postpaid.

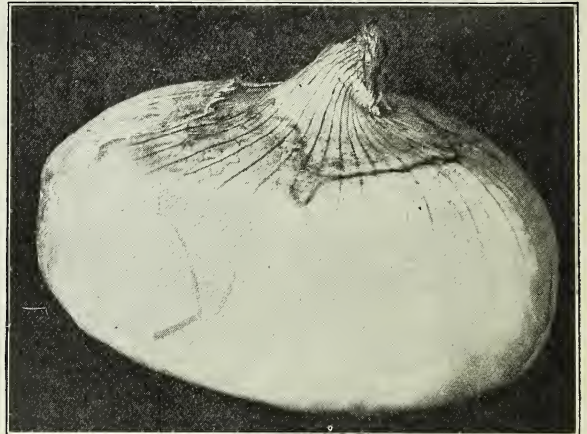
**Big Yields.**

*I received many seed catalogues but none that interests me like yours. I await its coming every new year. Have used your seeds eight years.*

*From two pounds and a half of Minnesota Red Globe Onion I raised five hundred and sixty bushels. From Chantenay Carrot, one-half pound, I raised five hundred bushels; from one pound of Market Gardeners Beet I raised 200 bushels, and all other seeds have given satisfaction.*

JOHN ENGBRETSON, Frazee, Minn.

**Mammoth Silver King.** In appearance, the most striking onion grown. We hardly know which to commend the most, its large size, symmetrical appearance and beautiful, silvery flesh or its sweetness, tenderness and mild flavor. These qualities make it the best for exhibition and fancy high-priced trade. Not recommended for the extreme North except for bunching. Large pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25, postpaid.



Mammoth Silver King Onion.

**Australian Yellow Globe.** This grand, globe-shaped, yellow onion is quick growing, a sure cropper, and of exceptionally long-keeping quality. The onions are a perfect globe or ball in form and uniformly thin-necked. The flesh is very solid, crisp, pure white, and of sweet, mild flavor. It is very early, while in sure ripening character and excellent keeping quality it equals the famous Australian Brown. Its handsome globe form, combined with most attractive coloring, insures quick sales at the highest market price. The coloring is rather richer than that of the popular Southport Yellow Globe which it equals in productiveness, is nearly as large, and being earlier will ripen more surely in wet seasons or in very moist soil. Most highly recommended. Large pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.35, postpaid.

**Long Keeping Australian Brown Onion.**

Onions are grown very extensively in Australia, but all efforts to introduce favorite American varieties there have failed, as they already had an onion which they claimed to be far better than any of ours. Practically every grower there confines himself to this one sort, known usually there as "Market Model" and "Brown Globe," but which has been introduced in this country as "Australian Brown." This remarkable onion is of medium size, wonderfully hard and solid and most attractive for market, both in form and appearance. They are extremely early in ripening and make no stiffnecks or scallions. Every seed seems to produce a good-sized onion, and the bulb begins to form very quickly when the plant is not over 3 inches high. Planted with the Red Wethersfield it will average nearly four weeks earlier, and ripen off more uniformly. It has the reputation of keeping indefinitely, and we think from its firmness and hardness that it will keep in good condition longer than any other onion known. The color of the skin is a clear amber-brown. These onions have been known to keep nearly a whole year in good condition, and on this and other accounts it will commend itself to onion set growers, who often lose heavily in carrying their crop because the sets do not "keep." Large pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25, postpaid.

**Entirely Satisfactory.**

*We have used your seeds exclusively for the last four years and have found them, almost without exception, entirely satisfactory. Your Sterling Beets, Chantenay Carrots, Washington Wakefield Cabbage and Long Keeping Australian Brown Onion are all they are claimed to be.*

FRANK A. JOHNSON, Goodwin S. D.



Long Keeping Australian Brown Onion.

# ONION SETS



Red Bottom Onion Sets.



White Bottom Onion Sets.



Yellow Bottom Onion Sets.



Yellow Multiplier Onion Sets



Egyptian or Perennial Onion Sets.



Red Top Onion Sets.

## The Importance of Using Northern Grown Onion Sets.

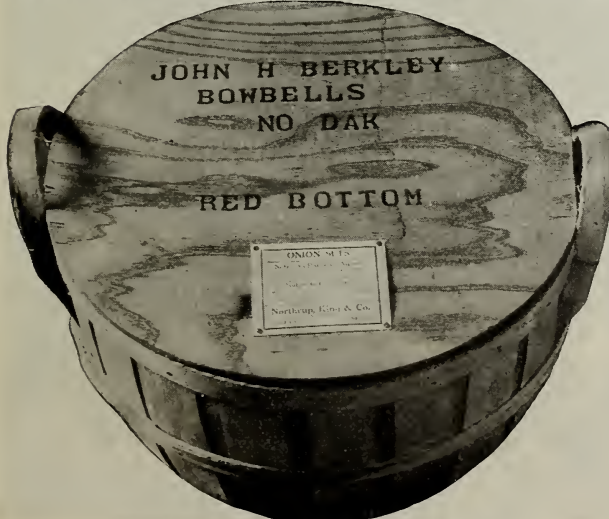
The planting of Onion Sets is increasing rapidly year after year. They are used for several purposes. The Bottom Onion Sets produce a large onion ready for market from four to six weeks earlier than can be had by sowing the seed and the product of the set is the same as that obtained by sowing seed. This enables the grower to sell his entire crop earlier in the season, at which time prices usually are higher than when the bulk of the crop reaches market. It also permits the sowing of another crop on the land the same year. Bottom Sets also produce good green onions on most any soil in half the time it takes to raise them from seed.

Bottom Onion Sets are produced by sowing seed very thickly and they are harvested before they have reached full development. Our sets are small, one inch or less in diameter, dry and unsprouted.

Multiplier Onion Sets are formed thru the division of the bulbs into many smaller ones; they are not grown from seed.

Red Top Sets are produced like seed on the top of the stalks. Top Sets make large bulbs one year and top sets the next.

We grow our own Onion Sets which enables us to produce hard, sound, clean sets of the best quality. As they are used to obtain onions earlier than they can be had from seed, it follows, therefore, that Northern grown sets will produce onions earlier than Southern grown sets. We clean them thoroly so as to be free from trash and rubbish, which is so often included with many of the onion sets ordinarily sold. In the spring of the year our sets are hard and sound, while at that time Southern sets are very often so dried and shriveled and so lifeless that they either grow slowly or fail entirely to make a bulb. We do not think it too much to say that a bushel of our sets will give almost twice the number of onions as will a bushel of ordinary sets.



A Basket of Onion Sets Ready For Shipment.

**About Prices.** As the value of Onion Sets fluctuates greatly, our prices are subject to market changes. The prices named in this catalog are based upon values existing at the time of publication, January 1st. If you wish to purchase round lots be sure to write us for lowest market values. We give 28 pounds for a bushel of Top Sets; on all other sets sold by the bushel we give 32 pounds for a bushel. Some houses sell by the measured bushel; by this method the larger and more chaffy the sets, the less quantity the purchaser receives. Transportation charges on all onion sets to be paid by the purchaser, except where quoted postpaid.

We call particular attention to the manner in which our sets are shipped, as explained elsewhere on this page.

**White Bottom Sets.** These are small, solid and of a beautiful silvery white, a favorite sort in private and market gardens. Pt., 15c (by mail 20c); lb., 20c (by mail 30c); qt., 25c (by mail 35c); ¼ bu., \$1.25; bu., \$4.00; 100 lbs., \$12.50.

**Red Bottom Sets.** Grown in Minnesota. Bright, deep red in color, even and dry. The most popular variety. Pt., 12c (by mail 17c); lb., 15c (by mail 25c); qt., 20c (by mail 30c); ¼ bu., \$1.00; bu., \$3.00; 100 lbs., \$9.25.

**Yellow Bottom Sets.** Produced from seed which makes the finest yellow sets. Fine and dry, medium in size and unsprouted. Pt., 12c (by mail 17c); lb., 15c (by mail 25c); qt., 20c (by mail 30c); ¼ bu., \$1.00; bu., \$3.00; 100 lbs., \$9.25.

**Red Top Sets.** These are planted to produce both early green onions and large eating onions. We wish to call special attention to the fact that our stock is the genuine Red Top Set, un-mixed with Winter or Egyptian Sets, which are always much cheaper, but are practically worthless for spring planting. Pt., 15c (by mail 20c); lb., 25c (by mail 35c); qt., 25c (by mail 35c); ¼ bu., \$1.25; bu., \$4.50; 100 lbs., \$15.75.

**White Multiplier.** These make green onions for early spring bunching. They are the first to form, are of a pure silvery white and enormously productive, frequently producing as many as twenty bulbs in a single cluster from one bulb planted; of excellent quality and size for bunching. Their keeping qualities are remarkable. They are also extremely early, being ready for market three or four weeks ahead of other onion sets. Pt., 15c (by mail 20c); lb., 20c (by mail 30c); qt., 25c (by mail 35c); ¼ bu., \$1.25; bu., \$4.40; 100 lbs., \$13.00.

**Yellow Multiplier.** Often preferred on account of their earliness. Late in June they are fully ripe, and can be gathered. They are very productive, five to fifteen bulbs growing from one bulb set out. Pt., 10c (by mail 15c); lb., 15c (by mail 25c); qt., 20c (by mail 30c); ¼ bu., 80c; bu., \$2.75; 100 lbs., \$8.00.

**Egyptian or Perennial.** These sets should be planted in the fall. They are one of the best onions for early use. They remain in the ground and increase from year to year, and are perfectly hardy in all climates. Pt., 10c (by mail 15c); lb., 15c (by mail 25c); qt., 15c (by mail 25c); ¼ bu., 65c; bu., \$2.00; 100 lbs., \$6.00.

## How We Ship Onion Sets.

The Best, Safest and Cheapest Way.

We have adopted what we consider the very best plan for shipping Onion Sets. Where they are sent in lots of one bushel or over, we pack them in bushel baskets, as shown in the illustration. In this way they carry safely to any part of the United States. The advantage of shipping in this way is readily apparent. The package is easily handled, the sets are not crushed, as is often the case where they are sent in barrels; the package is perfectly ventilated and the purchaser does not have to pay freight on 25 to 40 pounds of barrel. In addition to this, he has a package of which he can make use. Large buyers of onion sets should not fail to write us for samples and special prices on our sets.

### Took First Premium.

The seeds you sent me were of the usual high quality which I have had from your firm during the last few years. My red onions, which I grew from the Red Bottom Onion Sets, took first premium at the County Fair this fall.

D. EUGENE ROWELL, Lancaster, N. H.



Northrup, King &amp; Co.'s Sweet Marrow Parsnip

**Sold for Top Price.**

*I marketed the last of my N. K. & Co.'s Sweet Marrow Parsnips yesterday. The firm to whom I sold were so well pleased that they said if I raised the same kind this year they would pay the highest price for my whole crop. All of the vegetable seeds we purchased of you last year gave good satisfaction.*

PAUL GRAFF, Spokane, Wash.

**Took the First Prize.**

*Your seed is the best we ever tried and everything was very fine. Some of the cabbages grown from your seed weighed 23 pounds. They were the Harvest Home and Surehead. My parsnip took the prize at the fair and measured 13 inches.*

ELI S. OGG, Worthington, Minn.

**Miles Ahead.**

*After two years of experimental work, I can easily see that your seeds are miles ahead of those sent out by other seed firms of the United States and Canada.*

J. E. MUNROE, Macgregor, Manitoba, Canada.

## PARSNIP

### Northrup, King & Co.'s Sweet Marrow Parsnip.



(Sold only in sealed packages.) This fine new parsnip of English origin is offered with full confidence that it will become a prime favorite with all who use it. It is very fine grained and exceedingly sweet, while the peculiar "parsnip" flavor is fully preserved. The roots are unusually smooth and attractive in appearance. The best of all parsnips for the private or market garden. Large pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c, postpaid.

**Guernsey.** (Improved Half Long.) A greatly improved strain. The roots do not grow so long as the Hollow Crown, but are of greater diameter and more easily gathered. It is a very heavy cropper. The roots are very smooth; the flesh is fine grained and of most excellent quality. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid.

### Improved Hollow Crown Parsnip.

Our stock of this old time favorite is very smooth and fine. None better anywhere at any price. Parsnips are improved by remaining exposed to frost. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c, postpaid.

**Best of Satisfaction.**

*All seeds received from you gave the best of satisfaction, especially the Sweet Marrow Parsnip and your Sterling Beet.*  
(MRS.) MARY MILLS, Perry, Iowa.

## PARSLEY

**Plain, or Single.** Leaves flat, deeply cut but not curled. It is very dark green, is hardy and of excellent flavor, and for these merits is often preferred. It is used more for flavoring while the curled sorts are used for garnishing. Large pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 55c, postpaid.

**Double Curled.** Fine, dwarf, crimped leaves. Large pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 65c, postpaid.

**Extra Curled Dwarf, or Emerald Parsley.** This is a most beautiful variety. The moss-like leaves, of a handsome bright green color, are finely curled. Large pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 70c, postpaid.

**Dark Moss Curled.** The leaves are of an extra dark green color. It is very productive, and on account of the densely curled character of its leaves a quantity can be gathered in a short time. Large pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 70c.

**Fern Leaved.** This is most exquisite in form and color—invaluable as a garnishing plant, and suited for mixing with dwarf ornamental foliage plants in the flower garden. Large pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

**Turnip Rooted, or Hamburg.** The edible portion is the fleshy root, which resembles a small parsnip, and is esteemed for flavoring soups, stews, etc. The flesh is white, a little dry with the flavor of Celeriac. The foliage is the same as the plain parsley. Large pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

**Cannot Praise It Too Highly.**

*I have always found your garden and flower seeds thoroly reliable, quick to germinate, and with proper care have produced fine vegetables and flowers. This is especially true of the Parsley. It is the best I ever had.*

DOROTHY BENN, Hopkinton, Iowa.



Dark Moss Curled Parsley.



# PEPPER

**Chinese Giant.** An enormous fruiting variety, double the size of Ruby King, averaging 12 to 15 inches in circumference. Notwithstanding its large size, it is very early and very prolific. Plants are healthy, well branched, about two feet high and carry an enormous load of fruit, often having the appearance of being bunched together. Flesh is thick, tender, mild and sweet, and is unexcelled for salad or stuffed as mangoes. They can be sliced and eaten like tomatoes. When ripe the peppers are a rich, glossy scarlet, making them of unusually fine appearance. Pkt., 10c; oz., 50c; ¼ lb., \$1.75.

**Ruby King.** The most popular large fruited pepper. Very prolific. The pods are a beautiful bright red, 5 to 6 inches long by 3 to 4 inches in diameter. Flesh exceedingly thick, sweet, and so mild that it is often sliced as a salad. Splendid for stuffing as mangoes. Pkt., 5c; oz., 25c; ¼ lb., 90c; lb., \$3.25.

**Golden Dawn.** Similar to the Large Bell or Bull Nose, excepting that it is of golden yellow color, and of very sweet and delicate flavor. Pkt., 5c; oz., 25c; ¼ lb., 90c; lb., \$3.25.

**Long Red Cayenne.** A late variety. Pods are small, bright scarlet, cone shaped and pungent. Are as much used for pickling when green as when ripe. Pkt., 5c; oz., 25c; ¼ lb., 85c; lb., \$3.00.

**Large Bell or Bull Nose.** A large, early, bright red variety, mild in flavor. Desirable for pickling and mangoes when green. Pkt., 5c; oz., 25c; ¼ lb., 85c; lb., \$3.00.

**Large Golden Upright.** Quite distinct in habit of growth. Double the size of Golden Dawn; sweet and fine flavor. Fine for mangoes. Pkt., 5c; oz., 25c; ¼ lb., 90c; lb., \$3.25.

**Red Cherry.** Fruit cherry shaped, small, round, bright red. Largely used for pickles. Pkt., 5c; oz., 30c; ¼ lb., 95c; lb., \$3.50.

**Red Chili.** Fruit is small, bright red, very hot and pungent. Plants are very productive. Generally used for making pepper sauce. Pkt., 5c; oz., 25c; ¼ lb., 85c; lb., \$3.00.

**Sweet Mountain.** Similar to Bull Nose, tho usually larger in size and longer, of very mild flavor. Much used for mangoes. Pkt., 5c; oz., 25c; ¼ lb., 85c; lb., \$2.75.

**Rex.** Large, showy variety, the plants being unusually compact and productive. The fruit is large, cylindrical, with thick, mild flesh; color when ripe is bright red. Unequaled for use in salads and pickles. Pkt., 10c; oz., 25c; ¼ lb., 90c; lb., \$3.25.

**Ruby Giant.** A beautiful variety, being a cross between the Ruby King and the Chinese Giant. It possesses the large size of the Chinese Giant and the splendid shape of the Ruby King. The flesh is mild and sweet, making a good salad sliced and served with tomatoes. This new sort will undoubtedly become very popular both in the home and market garden. Pkt., 10c; oz., 50c; ¼ lb., \$1.50.



Chinese Giant Pepper.

# PUMPKIN

**Early Sugar or Pie.** Small, round, flattened, prolific, deep orange yellow. Flesh fine grained, sweet and of finest quality. A good keeper. One of the best for pies. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

**Japanese Pie.** A crook neck variety. Early. Seeds are marked very curiously. Flesh deep yellow of fine quality, Keeps well. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 95c.

**Large Cheese or Kentucky Field.** Large, round, flattened, hardy and productive. About two feet in diameter. A fine keeper. Thick flesh of extra fine quality. A fine sort for family and market use. It is also grown quite extensively for stock feeding. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.

**Very Good Success**  
We have used your seeds and have had very good success with them, especially with the Pie Pumpkin.  
J. R. FARNHAM,  
Mansfield, S. D.

**Grow to Enormous Size.**  
Have used your seeds for five years with unvarying success. The Mammoth Prize Pumpkins grow to enormous size—the envy of all beholders.  
(MRS.) J. W. HASTIE,  
Mt. Vernon, Wash.



Connecticut Field Pumpkin.

**Connecticut Field.** An immensely productive, large orange-colored field pumpkin, usually grown for stock feeding, but it also makes good pies. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 35c.



## Northrup, King & Co.'s Mammoth Prize.

(Sold only in sealed packages.) The largest pumpkin grown. Has weighed as high as 225 lbs. A prize winner. The flesh is fine grained and the quality is excellent. The flesh and skin are of a bright golden yellow color. Notwithstanding its large size it is a fine variety for pies and is a splendid keeper. If you wish to see just how large a pumpkin you can grow, try this variety. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.60.

### Reliable in Every Respect.

Your seeds have always proved true to name and reliable in every respect. I am growing a Northrup, King & Co.'s Mammoth Prize Pumpkin this year that is 76 inches around. I don't know its weight but it is still growing.

O. L. HALVERSON, Gunder, Iowa.

### Would Use No Other.

Have been using your seeds for six years. They have made a record for themselves, and would use no other. They are thoroughly reliable and I know that as I have sown so shall I reap. I have recommended your seeds on every occasion possible. Had a fine lot of Early Sugar or pie Pumpkins this year.  
(MRS.) LOUISE WERTH, Warner, S. D.



Early Sugar or Pie Pumpkin.

## PEAS

**Quality.** Our Peas are Northern Grown. They are the earliest, hardiest and most productive. For years we have made a specialty of peas, growing many hundred acres each season. Much skill is required to properly grow Seed Peas and we employ experts to handle our crops. Our stocks are bright, handsome, sound as a dollar and of perfect growth.

**Prices.** On lots of more than one bushel of peas write for special price, stating variety and quantity wanted. Note that half bushels are supplied at bushel rates and no charge is made for bags. Peas are in very short supply this season. We do not wish to disappoint any of our customers and suggest, therefore, that orders be sent in early so that they may be filled before our stocks are exhausted.

**Our prices on peas do not include prepayment of postage. If peas are to be sent by mail, add 8c a pint, 15c a quart to the following prices. We pay postage on all packets.**

**Peas—May be Divided into Four Groups, viz:**

Extra Early Round Seeded Varieties.

Early Dwarf Varieties.

Extra Early Wrinkled Varieties.

Main Crop Varieties.

The characteristics of each class are chiefly set forth under their respective headings on the following pages.

### Teddy Roosevelt Peas

The New Giant Podded Main Crop Pea.

The largest "podder," surest "cropper" and heaviest "yielder" of all the main crop sorts.

The Telephone and Stratagem were the first large-podded peas to be introduced. Naturally they created a sensation because they were advertised widely, and are at present the most largely used in America of any of the large-podded varieties. They have, however, one serious defect; the pods contain very few peas.

This fault has been remedied in some of the later introductions, and notably so in the Teddy Roosevelt. This grand new pea resembles the Telephone in color of pod and foliage, and in habit of growth; but the pods are larger and contain more peas. A bushel of pods will shell out nearly twice as many peas as the Telephone. The vines are enormously productive, being completely covered with immense long pods, well filled with from 8 to 11 large peas of the richest flavor. This variety grows from 4 to 5 feet high and, as an abundant cropper, is superior to all other sorts.

Nothing in the long line of peas excels the Teddy Roosevelt in richness, sweetness and flavor, and it ought not take a gardener long to figure out that a bushel of pods that will give as many peas as two bushels of other varieties is the kind to grow. No pea which we have ever offered has aroused so much enthusiasm as has the Teddy Roosevelt. Every year we receive hundreds of letters from our customers, praising their merits. The demand is so great every year for Teddy Roosevelt Peas that our stock is usually exhausted early in the season. Order early if you do not wish to be disappointed. Large pkt., 10c; pt., 25c; qt., 40c;  $\frac{1}{4}$  bu., \$2.25; bu., \$8.50.

### Colossus Peas

New Sweet Wrinkled, Mammoth Podded Pea.

This splendid pea is of the same large podded type as the Telephone and the Duke of Albany, but the pods are larger and the peas sweeter. Excelling, as it does, in these particulars the two noted sorts mentioned, the Colossus Pea surpasses all other large-podded varieties in another particular, that of productiveness. In other words, a pint of Colossus Pea pods will yield as many shelled peas as a quart of most other sorts; a bushel as many as two bushels. Quality is always to be preferred to quantity, but a pea which will give better quality and larger quantity is the pea to plant; that pea is the Colossus.

This pea came to us from Europe, where the pea crop is very short this year, as is, in fact, the case all over the world; therefore the quantity we offer is limited. On this account we urge early orders, and that at least a small quantity of these peas be included with every order, as far as possible. Large pkt., 10c; pt., 25c; qt., 40c;  $\frac{1}{4}$  bu., \$2.35; bu., \$8.00, bags free.

**Cannot Be Surpassed For Northern Planting.**

*I am sending you under separate cover films showing the extraordinary growth your Colossus Peas made in the extreme northern part of Minnesota on Rainy River near Frontier. The pods were well filled with large luscious peas and we gathered peas from the same vines for 30 days. In my estimation there is nothing that can surpass or equal your Colossus pea.*

F. L. VANCE, Frontier, Minn.

**Peas Were Fine.**

*I have raised the Thomas Laxton, Teddy Roosevelt and the Colossus peas and they were all very fine. I sent a sample to Fishkill Landing, New York, and they acknowledged them to be the finest they ever saw.*

J. M. SCHANTEN, Lisbon, N. D.

**Well Pleased With Them.**

*We have used your seeds and are well pleased with them, especially your Teddy Roosevelt Peas.*

C. O. NYBERG, Spiritwood, N. D.

**Extra Good.**

*I found your Teddy Roosevelt Peas to be extra good, also the Sterling Tomato.*

JAMES L. PARKER, Madison, Conn.

**Is Fine.**

*Your seeds are all good. It is hard to tell which is best. The Teddy Roosevelt Pea is fine.*

(MRS.) IDA F. HOWE, South Bend, Wash.

**Were a Great Success.**

*Your Carter's Daisy Peas, Peep o' Day Corn and Sterling Cucumbers have proved a great success with me.*

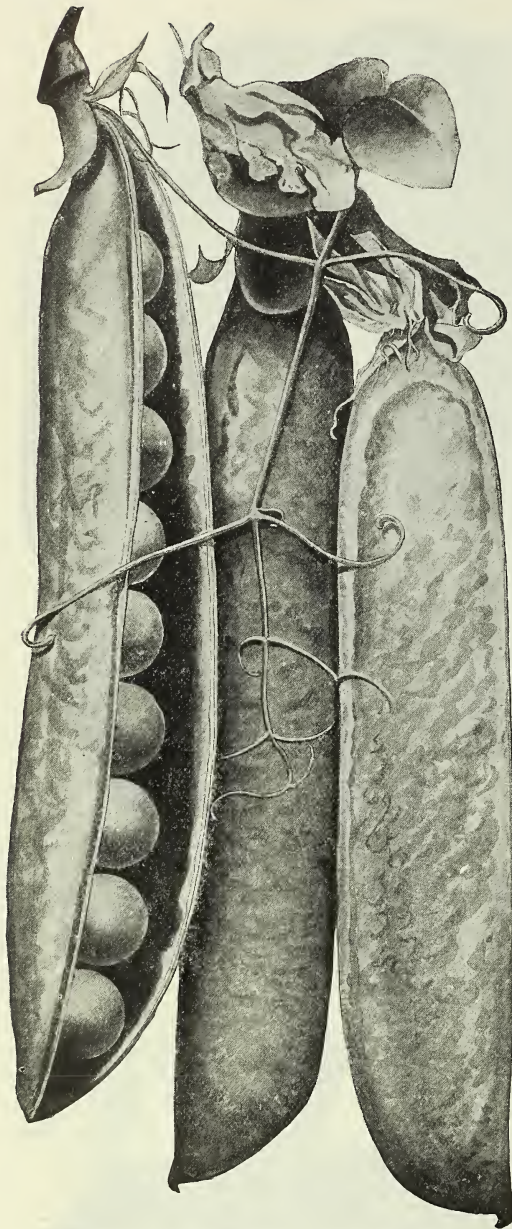
(MRS.) A. T. EMILY, La Crescent, Minn.

### Carter's Daisy Peas

(Early Dwarf Telephone.)

New Dwarf, Large Podded Pea, Needs no Brush.

Although this pea is of English origin and introduction, it was given its name by an American, who, upon seeing it in the trial grounds of the firm who originated it, exclaimed, "It's a daisy", and it was so christened on the spot. The striking features of the Daisy Pea are its large pods and the way in which they are heaped up in ridges on the short, strong vines. The pods are nearly double the size of American Wonder or Little Gem, and are always well filled with large peas of most excellent quality. The vines are 16 to 18 inches high, and being strong and thrifty require no support, making it an ideal variety for use where brush or stakes are not available. This pea is desirable on account of the fine appearance of the pods, and always finds a ready sale. Large pkt., 10c; pt., 25c; qt., 40c;  $\frac{1}{4}$  bu., \$2.25; bu., \$8.50.



New Mammoth Podded Pea, "Teddy Roosevelt."

**Par Excellence.**

*I am very well pleased with your seeds, both in quality and in the size of your packets. Your Teddy Roosevelt Peas are par excellence, the best in yield and quality of any I ever planted.*

L. M. CADWELL, East Thetford, Vt.

**Undisputed Leaders.**

*I have used your seeds eight or ten years and find they can be depended upon. The Teddy Roosevelt Peas are undisputed leaders in my garden.*

H. E. BLANCHARD, Wakonda, S. D.

**Best I Ever Planted.**

*Your seeds have been satisfactory in every way; the best seeds I ever planted. Your Teddy Roosevelt and American Wonder Peas are fine.*

HELEN R. DAY, Butte, N. D.

**Finest To Be Had.**

*We have used your seeds for several years and have always found them very satisfactory. Your Teddy Roosevelt Peas, especially, are the finest to be had. In fact, all your seeds are good, and, best of all, are just as good or better than your catalog represents them to be.*

A. W. CLARK, River, Minn.

# PEAS

## EXTRA EARLY ROUND SEEDED VARIETIES.

These sorts are most largely grown by gardeners for the early market. They ripen more uniformly than any other peas and where the stocks have been properly bred and kept rogued from 75 to 80 per cent of the pods can be stripped from the vine at the first picking, enabling the grower to secure the highest prices. Round seeded varieties are not as sweet as the wrinkled sorts, but being more hardy they can be planted earlier and will thrive under severe conditions where other sorts would fail.



### Northrup, King & Co.'s Summit Extra Early.

(Sold only in sealed packages.) Height 2½ to 3 feet. Seeds white. One of the most important considerations with a market gardener in choosing an extra early pea, is to secure one that is not only the earliest but that matures its crop uniformly, so that the vines may be stripped in one picking. The "Summit" holds the record as the earliest and most even in maturity of the white seeded varieties. Large pkt., 5c; pt., 20c; qt., 30c; ¼ bu., \$1.75; bu., \$6.50.

**First and Best.** Height 3¼ to 3 feet. Standard, white seeded extra early. Vines are vigorous and hardy, bearing from three to seven pods each containing from five to seven medium sized peas of good quality. Pkt., 5c; pt., 20c; qt., 30c; ¼ bu., \$1.75; bu., \$6.00.

**Maud S.** Height 2½ to 3 feet. White seeded extra early. Very early and uniform in maturing. A favorite with truckers. Pkt., 5c; pt., 20c; qt., 30c; ½ bu., \$1.75; bu., \$6.00.

**Alaska.** Height 2½ feet. Very early and exceedingly uniform in maturing its crop. The vines are very productive, bearing four to seven pods which are filled with medium sized, bright bluish-green peas of good flavor. A great favorite with canners and southern truckers. Pkt., 5c; pt., 20c; qt., 30c; ¼ bu., \$1.75; bu., \$6.00.

## EXTRA EARLY WRINKLED VARIETIES.

Most of the following sorts are nearly or quite as early as the round seeded Extra Earlys, but they do not mature as uniformly. This, while making them less desirable for early market purposes, makes them better for family use as they will stand longer in fit condition for the table. They are much sweeter than the round seeded sorts.

**Surprise.** (Eclipse.) Height 1½ to 2 feet. The vines need no brushing or support. Seeds green, wrinkled. Ripens as early as the smooth round seeded extra earlys and is much sweeter. The pods are well filled, containing six or seven peas of fine quality. The peas are not as large as the American Wonder, but Surprise is more productive and much earlier. It



Gradus Peas.

is the very earliest green wrinkled sort and an excellent variety for both the market and home garden. Pkt., 5c; pt., 20c; qt., 35c; ¼ bu., \$1.75; bu., \$6.50.

**Advancer.** Height 2 to 2½ ft. Seeds green, wrinkled. This variety is a great favorite in eastern markets on account of its superior flavor. The pods are broad and long and well filled to the ends. This sort is extensively used by canners on account of its quality and appearance. It is a very productive and satisfactory variety. Pkt., 5c; pt., 20c; qt., 35c; ¼ bu., \$2.00; bu., \$7.00.

**Horsford's Market Garden.** Height 2 to 2½ feet. Seeds green, wrinkled. In all respects very similar to the Advancer pea, but an improvement on that variety in point of productiveness. Flavor very fine. The peas are rather smaller than the Advancer, but are fully equal in other respects. Pkt., 5c; pt., 20c; qt., 35c; ¼ bu., \$2.00; bu., \$7.00.

**Thomas Laxton.** New, large podded, extra early pea. This fine new early pea was raised by crossing Gradus with the Alaska. In earliness the Thomas Laxton is only two or three days behind the Alaska, but the pods are very much larger, containing on the average seven or eight large sweet wrinkled peas of the very richest flavor. The vines attain a height of from three to three and one-half feet. It is of hardier constitution than the Gradus, and is earlier and of darker colored pod. In flavor this pea is not surpassed, being as sweet as the Champion of England. Large pkt., 10c; pt., 20c; qt., 35c; 2 qts., 65c; 4 qts., \$1.25; ¼ bu., \$2.25; bu., \$8.00.

**Gradus.** (Prosperity.) The earliest wrinkled variety. This grand, large podded, early, prolific variety has won the hearts of market gardeners in every market. The vines are very vigorous and robust, growing to a height of about 3 feet. It is not only an abundant producer, but bears continually throught the season. It is exceedingly early for a wrinkled variety, being only a day or two later than the earliest, small, smooth sorts. The pods are very large and are invariably well filled with from six to ten sweet, luscious, tender, wrinkled peas of large size and delicious flavor. The peas remain tender and sweet for some time after they are large enough to use. Large pkt., 10c; pt., 20c; qt., 35c; ¼ bu., \$2.25; bu., \$8.00.

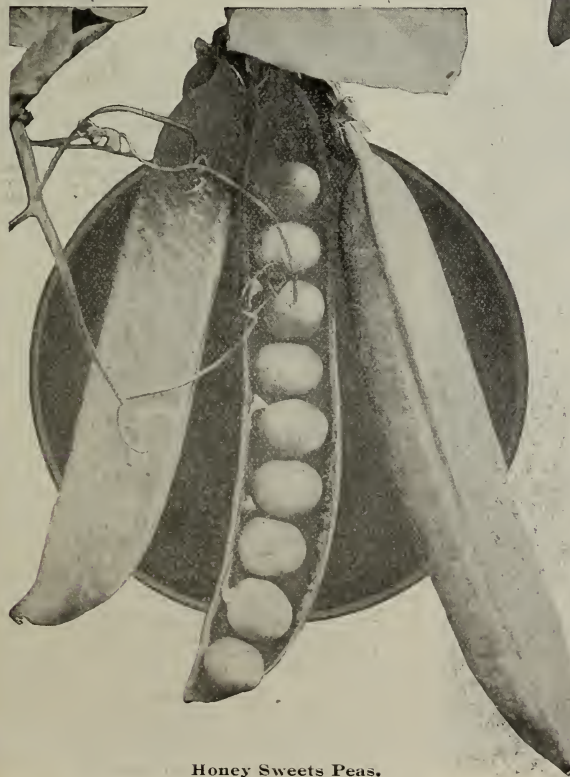
**Honey Sweets.** The strong stiff vines grow from 12 to 15 inches high and require no brush or other support. The pods are similar in shape to the American Wonder but are broader and longer and are borne in greater abundance, the vine being fairly loaded with pods. They are two or three days later than the Wonders but the pods contain more peas, there being on the average 7 or 8 in each. In flavor they are excellent, sweet as honey, rich and delicious. This is a splendid sort for both home and market use. Large pkt., 5c; pt., 20c; qt., 35c; ¼ bu., \$2.00; bu., \$7.00.

Best We Ever Had.

I was very well satisfied with your seeds. The Gradus Peas and Honey Sweets were the best we ever had. H. H. BROWN, Fall Creek, Wis.

Surpassed All Others.

Your Thomas Laxton Peas surpassed all other varieties, of which I planted ten in number. H. H. CUMMINGS, Bradford, N. H.



Honey Sweets Peas.

## PEAS

### EARLY DWARF VARIETIES.

These require no brushing and are in large demand for family use. All of the following sorts are early, being but a few days later than even the Round Seeded Sorts.

**American Wonder.** Height 10 inches. This variety heads the list of peas in flavor and quality. It is a cross between the well known Champion of England and the Little Gem and has the merits of both, together with features not found in either of the parent varieties. The vines bear a great abundance of good sized pods containing five to eight large, exceedingly sweet, tender and well flavored peas. This is the earliest of the dwarf, wrinkled varieties, being nearly as early as the smooth sorts. The seed is medium sized, wrinkled and pale green. These peas are especially adapted for family use as they require no brush or other support. Large pkt., 5c; pt., 20c; qt., 35c; ½ bu., \$2.00; bu., \$7.00.

**Little Gem.** Height 16 to 18 inches. The vines are of dwarf growth and produce an abundance of round, well filled pods 2½ to 3 inches long, only three days after the American Wonder. The peas are green, wrinkled, of sweet delicious flavor and excellent quality. One of the very best for family use. It remains fit for use longer than the American Wonder and Nott's Excelsior, and thought by many to be sweeter. Large pkt., 5c; pt., 20c; qt., 30c; ½ bu., \$1.75; bu., \$6.50.

**Tom Thumb.** Height 12 inches. Seeds smooth, white. Exceedingly early. Not as sweet as the wrinkled sorts but exceedingly hardy. Large pkt., 5c; pt., 20c; qt., 30c; ½ bu., \$1.50; bu., \$5.50.

**Nott's Excelsior.** Height 14 inches. This sort resembles the American Wonder but grows a trifle taller and the pods are somewhat larger. It is of compact dwarf growth and is nearly as early as the American Wonder. The pods average three inches in length and are well filled to the squared ends with green, wrinkled peas of fine quality and sweet flavor. Large pkt., 5c; pt., 20c; qt., 35c; ½ bu., \$2.00; bu., \$7.00.

### MAIN CROP VARIETIES.

Planted at the same time as the Extra Earlies or Dwarf varieties, these come into bearing when other sorts are gone. For the most part they stand a long time fit for table use, and as a rule they are, except when noted, sweeter than the early sorts. The pods are large and they stand longer in fit condition for use.

**Champion of England.** 4 to 5 feet in height. This has been considered for a long time the standard main crop or late pea for summer use. From this variety has sprung the whole race of green wrinkled peas. The vines are very vigorous and productive, bearing an abundance of large, well-filled pods. The peas are light green, wrinkled, of fine quality and delicious flavor. Hardly any pea is sweeter than this. Large pkt., 5c; pt., 15c; qt., 25c; ½ bu., \$1.50; bu., \$5.00.

**Abundance.** Height 2 to 2½ feet, seeds green wrinkled. As the name implies, this is a heavy yielding variety and is a capital sort for family use, as in addition to its yielding capacity it possesses great sweetness and general fine table qualities. The pods are round, 3 to 3½ inches long and well filled with from 6 to 8 peas. It stands fit for use a long time. Pkt., 5c; pt., 20c; qt., 30c; ½ bu., \$1.75; bu., \$6.00.

#### None Just As Good.

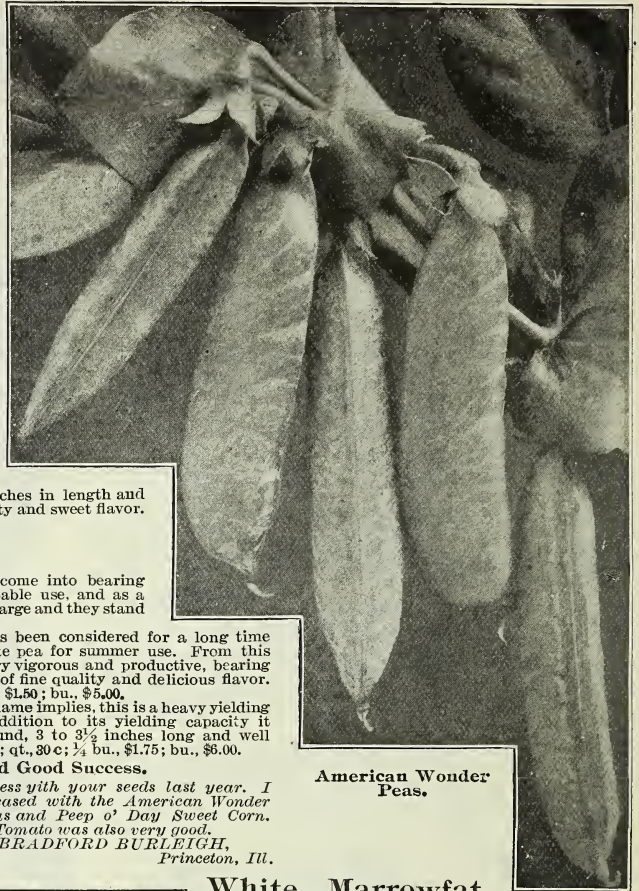
*There have been times when I was in a hurry that I have had to purchase other seeds than yours. Those which have come from other seed houses prove to me that there are none just as good as your Sterling Seeds. I find your American Wonder Peas especially valuable in this climate.*

BYRON E. TOAN,  
Boulder, Mont.

#### Had Good Success.

*I had good success with your seeds last year. I was especially pleased with the American Wonder and Stratagem Peas and Peep o' Day Sweet Corn. The Golden Husk Tomato was also very good.*

WM. BRADFORD BURLEIGH,  
Princeton, Ill.



American Wonder Peas.



Nott's Excelsior Peas.

### White Marrowfat.

Height, 3½ feet. Grown on account of the great quantities of pods which it bears and for canning purposes.

The vines are of strong, sturdy growth but mature the pods quite late. The large, cylindrical, light colored pods are well filled with round, smooth, light yellow peas of inferior quality, being somewhat dry and mealy. Large pkt., 5c; pt., 12c; qt., 20c; ½ bu., \$1.00; bu., \$3.50.

**Black Eye Marrowfat.** Height, 4 feet. Seeds white with black eye. The vines, pods and peas have the same general characteristics of the White Marrowfat. Very hardy; but of indifferent quality. Large pkt., 5c; pt., 12c; qt., 20c; ½ bu., 80c; bu., \$2.75.

**Yorkshire Hero.** (Big Gem.) Height, 2½ feet. The stout, close jointed vines are very productive, being thickly hung with round, medium sized, well filled pods about 3 inches long. The large yellowish-green peas are wrinkled and remain fit for use longer than most sorts. They are sweet and tender and never become so hard as some varieties. The quality is very fine and for those who want a rich marrow-like pea this variety is unexcelled. Large pkt., 5c; pt., 15c; qt., 25c; ½ bu., \$1.50; bu., \$5.00.

**Everbearing.** Height, 2½ to 3 feet. As the name indicates, this variety continues long in bearing and is very prolific. It is probably the best sort for late summer and autumn use. The broad pods, which are of a nice green color, average three inches in length. The peas are very large, green, wrinkled and of excellent quality. They cook very quickly, are tender and of superior flavor. Excellent for family use. Large pkt., 5c; pt., 20c; qt., 30c; ½ bu., \$1.75; bu., \$6.00.

**Duke of York.** This main crop variety is earlier than the Telephone, and of somewhat dwarf habit of growth. The peas are of superior quality and flavor, but the pods are a little shorter and smaller than the Telephone. The seed is light green, wrinkled. Vines attain a height of 2½ feet. Large pkt., 5c; pt., 20c; qt., 30c; ½ bu., \$1.75; bu., \$6.00.

#### Well Pleased.

*We are well pleased with all the seeds received from you, and especially with the Telephone Peas and Peep o' Day Sweet Corn.*

When peas are sent by mail, add 8c per pint and 15c per quart to pay postage.

# PEAS

**Alderman.** This is a very large podded pea, very robust and vigorous, producing pods of the largest size. The pods are even larger and longer than the average large podded sorts, and are well filled with large peas of most excellent flavor. In habit, the vines are strong and branching, bearing rich, deep-green, straight, handsome pods averaging  $4\frac{1}{2}$  to 5 inches in length, pointed at the end. This variety belongs to the tall-growing main crop class of peas. The vines are from  $3\frac{1}{2}$  to 4 feet in height. A point of superiority which must not be overlooked is the unusual flavor and quality of the peas. As is true of most wrinkled varieties they are delicious, but the Alderman is of a quality surpassing many of the others. Be sure to include Alderman Peas in your order. Large pkt., 10c; pt., 20c; qt., 35c;  $\frac{1}{4}$  bu., \$2.00; bu., \$7.00.

**Prince of Wales.** Several years ago one of our firm while visiting the famous Covent Garden market in London, was struck by the fine appearance of some of the peas being brought in by the gardeners in large quantities, and which always met with a rapid sale. On inquiry they were found to be the Prince of Wales. They prove to be the most popular of any variety both to the producer and the consumer. They were satisfactory to the gardener because of the large pod, immense productivity, freedom from mildew and the quality of holding their color, even tho exposed for sale several days. The consumer was pleased on account of their delicious flavor and the large amount of shelled peas obtainable from a given quantity of pods.

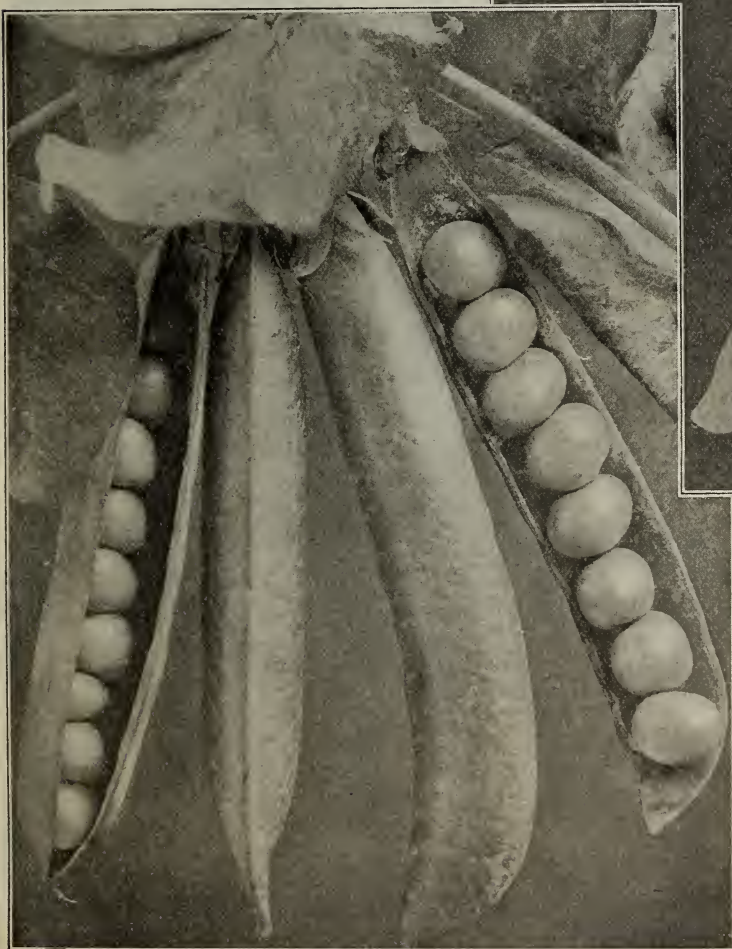
The Prince of Wales is a main crop pea, coming about the time of the Telephone and Stratagem. Average height of vine,  $2\frac{1}{2}$  feet; seeds very large, yellow and wrinkled. The pods are large, altho not so large as the two sorts just named; but they will produce more pods from a given quantity of seed than any other sort, and will give a greater number of shelled peas to the same number of pods, thus making it valuable to both grower and consumer. Large pkt., 10c; pt., 20c; qt., 35c;  $\frac{1}{4}$  bu., \$1.75; bu., \$6.00.

**Finest in This Part of the Country.**

*I have had success with your seeds. Your Telephone Peas are the finest of that kind in this part of the country.*  
JOHN GALLAGHER, Skykomish, Wash.



Prince of Wales Peas.



Northrup, King & Co.'s Telephone Peas.

**Telephone.** Northrup, King & Co.'s Telephone Peas. (Private Stock.)

(Sold only in sealed packages.) This is now the leading pea with market gardeners, as it is in all particulars a market garden variety. It is a great cropper, continues long in bearing, and fills the basket quickest. The vines grow about  $3\frac{1}{2}$  feet in height, are very vigorous and strong and have large, coarse, light colored leaves. Each vine bears on an average seven to ten pods, which are ready for picking in about 65 days. The immense pods are straight, and of a fine appearance, and contain eight to twelve large, wrinkled peas, closely packed, tender, sweet and of exquisite flavor. There is much inferior seed offered of this variety, on account of its superior merit, but those purchasing our Private Stock seed will get nothing but the best and most prolific strain. Large pkt., 5c; pt., 25c; qt., 40c;  $\frac{1}{4}$  bu., \$2.00; bu., \$7.00.

**Stratagem.** Height 20 inches. The foliage is large and the vines strong and robust requiring no support. It is very prolific and bears many very large, well filled pods, containing large, dark green, wrinkled peas of rich, sweet flavor. Our stock is very fine and of first-class quality. Large pkt., 5c; pt., 25c; qt., 40c;  $\frac{1}{4}$  bu., \$2.00; bu., \$7.00.

**Dwarf Gray Sugar.** This is an edible podded variety. Vines grow only 15 to 18 inches in height, with purplish blossoms. Sugar peas are not shelled, but pods are cooked same as string beans. Pkt., 5c; pt., 20c; qt., 35c;  $\frac{1}{4}$  bu., \$1.75.

When peas are to be sent by mail, add 5c a pint; 15c a qt. to pay postage.



# RADISH

## The Secret in Growing Good Radishes

Consists chiefly in the observance, on the part of the grower, of three points. First, they should be grown on light quick soil. Second, they should be given plenty of water, and last, but not by any means least, the right kind of seed should be sown. Radishes grow very quickly and if not supplied with sufficient moisture are likely to be pithy.

### EARLY TURNIP RADISHES.

#### Northrup, King & Co.'s Sterling White Tip Radish.

Sold Only in Sealed Packages.



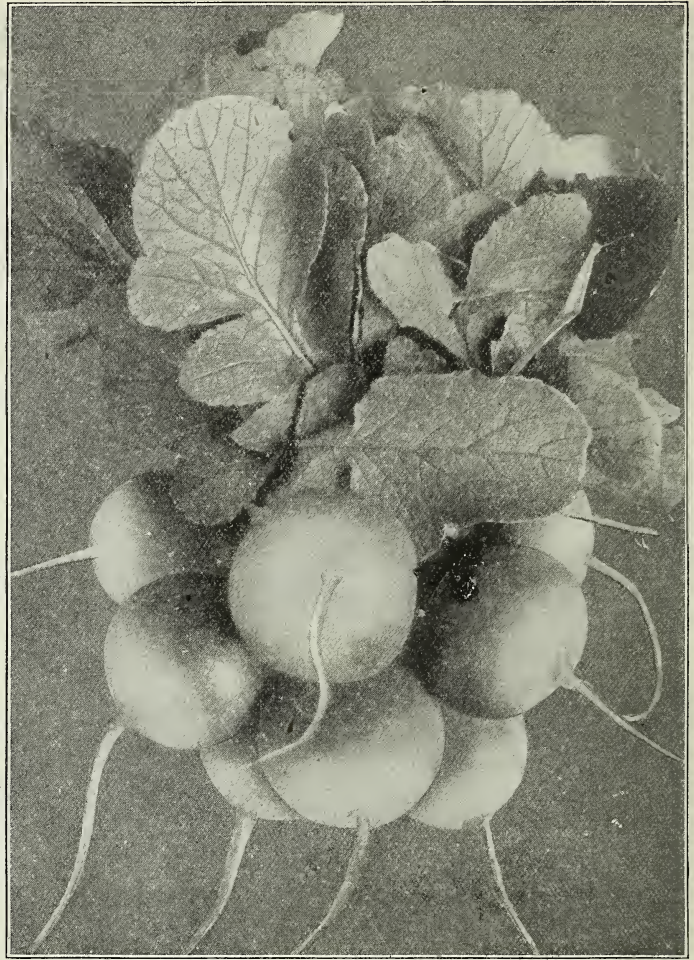
After five years experience with this particular strain of White Tip Radish we gave it the name **STERLING**. It is the most shapely and the handsomest, the most solid, the most regularly and finely marked and in every respect the most perfect strain of White Tipped Radish of which we have knowledge. It is very early, very crisp and finely flavored, and without an equal for forcing under glass and for outdoor culture. It is of exceptionally fine appearance when placed on the table. The demand

for this radish increases from year to year, on account of its delicious flavor; crisp, sweet, mild and delicate. The best and most profitable for market gardeners and the most satisfactory for private use. Large pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c, postpaid.

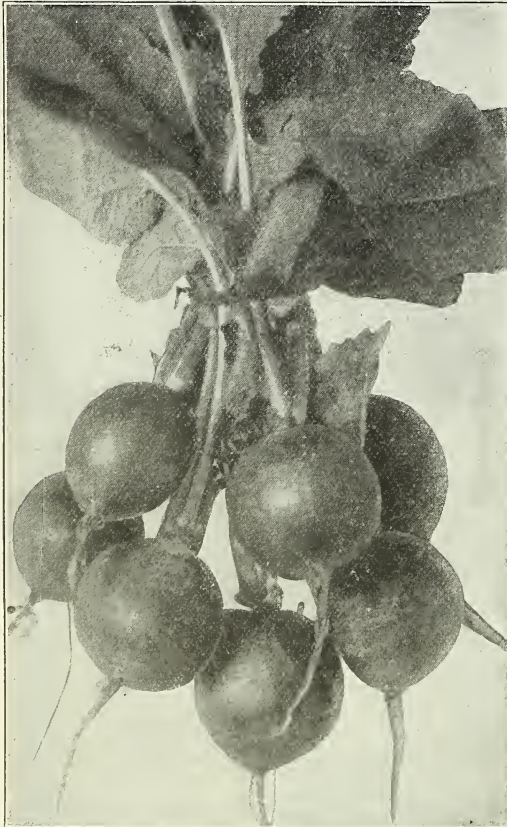
**Sparkler.** White tipped radishes are justly popular by reason of their attractive appearance, but the varieties already in existence are either too dull in the ground color or lack a clearly defined white tip.

A quite distinct variety now offered for the first time, fulfills every requirement in each respect, the color being a rich carmine scarlet with a very pronounced tip of the purest white. The roots even when fully developed are solid, crisp and sweet, and remain fit for use as long as the coarser kinds. It is equally well adapted for forcing in frames or growing in the open ground, for while the leaves are small, they are sufficiently large for bunching. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

**New Triumph Radish.** This is a decidedly unique novelty in radishes. It is very early, maturing about twenty days from the time of sowing. It is globe-shaped; the tops are short, which makes it valuable for growing under glass. The flesh is very crisp, solid and of mild flavor. The ground color is pure white, striped horizontally with bright scarlet. Large pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 95c.



Northrup, King & Co.'s Sterling White Tip Radish.



Early Scarlet Globe Radish.

**Sakurajima Radish.** The following description of this new variety from Japan it taken from the Garden Magazine. "Picture to yourself a pure white radish the size of a base ball or larger, firm and solid. Cut it, and you will find it has the consistency of a Baldwin apple, firm and fine of grain; laste, and it proves to be away ahead of the most delicate spring radish that ever passed your lips. The seeds were sown ½ inch deep, and the leaves appeared above the surface in seven days. I thinned them to two inches, leaving the finest plants. These gave excellent roots, two being enough for a family of eight." Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50.

### Early Deep Scarlet or Non Plus Ultra, Forcing.

This variety has as small a top and is as early as any in cultivation, making it one of the best for forcing under glass. Roots ready to pull may be had in three weeks and they remain fit for use longer than any other early variety. They are small, globular, smooth, very deep red in color; flesh is white, crisp, tender and mild in flavor. May be planted very closely owing to its small tops. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

**Ruby Pearl.** A small turnip-shaped, bright red radish with a pure white tip colored than the Scarlet Turnip, White Tipped and will soon rival it in popularity. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

**Yellow Ball.** A fine summer variety, of quick growth, producing crisp, tender radishes even in the hottest weather and for that reason is grown extensively in the South. Roots are uniformly globe-shaped; skin is golden yellow in color and flesh is mild in flavor. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

**Rosy Gem.** We have a very clean and beautiful strain of this popular sort. It is extremely early, maturing in 25 days, and is largely used for both growing under glass and outdoors. It is round, bright scarlet and has a handsome white tip. One of the most attractive radishes for the table. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

**Early Scarlet Turnip, White Tipped.** Practically the same as the Rosy Gem, except that it is not quite as early but is used mostly for outdoor culture. Packet, 5c; oz., 10c; ¼ lb., 20c; lb., 55c.

**Early Scarlet Globe.** Fine for forcing or open ground. The shape is a little longer than round and the color, which it holds long after pulling, is very brilliant and attractive. Has a small top and is very early, being fit to pull as soon as Non Plus Ultra, but is much larger when matured. The flesh is white and tender making it desirable for gardeners whose markets demand a large first early forcing radish. Large packet, 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

**Early White Turnip.** A medium sized round variety, grown very largely for summer use. Has a small top and pure white skin. The flesh is waxy, mild and crisp. While generally used for outdoor culture; this makes a good variety for forcing. It takes about 20 days to mature and remains fit for use a long time after reaching edible size. Large packet, 5c; oz., 10c; ¼ lb., 15c; lb., 55c.

**Early White Box.** Similar to the White Turnip, but attains larger size. Large packet, 5c; oz., 10c; ¼ lb., 15c; lb., 55c.

# RADISH

## EARLY OLIVE SHAPED RADISHES

### French Breakfast.

A great favorite. Beautiful, bright scarlet, with pure white tip. Oblong in shape, medium size, makes rapid growth. It is a fine table variety on account of its excellent quality and attractive appearance. Fine for open ground or forcing. Large pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 70c.

#### Best Radish We Ever Grew.

We consider the French Breakfast the best radish of any we ever grew.

(MRS.) W. B. BAKER, Ashgrove, Mo.

### Early Scarlet Olive.

A very useful variety. Matures in 25 days; color, bright scarlet; flesh, crisp and tender. Best adapted for main crop. Large pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

#### Best on the Market.

I have used your seeds with uniform satisfaction and success for fifteen years. I grew marketable radishes in twenty-one days from the Early Scarlet Olive. It is the finest I ever saw. I shipped them to Duluth, and they said they were the best on the market.

L. A. CANFIELD, Brainerd, Minn.



Sparkler Radish.



French Breakfast Radish.

### White Olive Shaped.

¼ lb., 20c; lb., 60c.

## LONG RADISHES.

**Long Scarlet Short Top.** A standard popular sort, matures in 25 days and can be used before it is fully grown. The roots grow half out of the ground, are very uniform in shape, smooth and very bright red in color. It remains crisp and tender until fully grown. Excellent either for the market or private garden. Large pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c.

**Chartier or Shepherd.** The largest and handsomest summer sort. This variety is ready for the table very early and remains hard and crisp until it reaches a diameter of about an inch and a quarter thus furnishing good roots for a long time. The color at the top is of a vivid crimson, fading gradually to pure white at the tip. Is delicious in flavor, resists drought effectually. Large pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 55c.



Long Scarlet Short Top Radish.

### Long White Vienna or Lady Finger.

Pure white in color, of long tapering shape, very attractive in appearance, sweet, mild and delicious. Matures in 25 days. Large pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.

**White Strasburg.** A large medium long sort, with heavy shoulders tapering gradually to base. Flesh and skin pure white. Solid, fine quality. Resists drought. Large pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.

**Glass or Cincinnati Market.** In appearance this radish is entirely unique. It is very early, splendid for forcing or open ground. The tops are very small and they may stand close in the row. They grow straight and smooth, from six to seven inches long. The flesh is very tender, crisp and delicious. This is a handsome variety, bright red in color, and remains in good condition for several days. Large pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

**White Icicle.** The finest of the early pure white varieties. Planted in the spring the radishes are ready for

pulling in about three weeks from sowing the seed. They are long and slender and clear pure white, making them very attractive when on sale and on the table. It is crisp and tender both when young and until it attains larger size, thus remaining in condition for use for considerable time. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 70c.

**Wood's Early Frame.** An improvement on Long Scarlet. Largely used for forcing and a very popular variety with those who know it. Our stock is fine. Large pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 70c.

## WINTER RADISHES.

The merits of Winter Radishes are little appreciated, probably because they are seldom grown and few people have knowledge of their worth. These grow to large size and keep well for winter and spring use. Sow seed in the middle of June. Include some of these in your order.

**China Rose.** Bright rose color, flesh firm and piquant, cylindrical, or largest at the bottom, tapering abruptly to small top. One of the best for winter use. Large pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

**Long Black Spanish.** One of the largest, latest, as well as the hardest of radishes. Roots of medium size, oblong, black, and flesh is of firm texture. Large pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.

**Round Black Spanish.** Roots round sometimes top-shaped, three or four inches in diameter; skin black; flesh white. Fine for winter use as the roots keep a long time. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.

**California Mammoth White.** Pure white, about one foot long and two or three inches through, tapering regularly to tip. The flesh is tender and crisp, keeping well through the winter. Large pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.

## MIXED RADISHES.

We have had considerable demand for seed of many different varieties of radishes mixed, and so this mixture is now offered to our customers. For a small garden or when many sorts are preferred this seed will give, at small expense, a large yield of early, medium and late sorts lasting several weeks. Nearly all shapes, sizes and kinds are included. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid.



White Icicle Radish.



Spinach.



Salsify.

## RHUBARB

For Rhubarb Roots See Page 116.

**Monarch.** The largest and most productive variety known. The leaf stalks are very numerous, the larger ones being from 15 to 20 inches in length, and fully 1 1/2 inches wide. The whole plant is nearly 5 1/2 feet in diameter, while the leaves, exclusive of the flower stalks, are about 2 1/2 feet in height. It is the first article of the season from the garden, and no private garden should be without it. Large pkt., 5c; oz., 20c; 1/4 lb., 60c; lb., \$2.00.

**Linnaeus.** Early and of excellent quality. Large pkt., 5c; oz., 20c; 1/4 lb., 50c; lb., \$1.65.

**Victoria.** Very large. Later than Linnaeus. Large pkt., 5c; oz., 20c; 1/4 lb., 50c; lb., \$1.65.

## SALSIFY, or Vegetable Oyster.

**Long White French.** The variety most commonly cultivated and considered the best in flavor. The roots are long, white, smooth and when properly cooked form a good substitute for oysters, which they resemble very much in taste. Large pkt., 5c; oz., 10c; 1/4 lb., 30c; lb., 85c.

**Sandwich Island.** This grows uniformly to an extra large size, averaging fully double the size and large size, are of very superior quality and delicate in flavor. Large pkt., 5c; oz., 15c; 1/4 lb., 35c; lb., 95c.

**Wisconsin Golden.** (New.) Large, yellowish, rich, tender and brittle. Large pkt., 5c; oz., 25c; 1/4 lb., 50c; lb., \$1.50.

## SPINACH

**Bloomsdale or Savoy Leaved.** This is the earliest variety. Plant is of upright growth, with narrow pointed, crinkled leaves. Is very hardy. Pkt., 5c; 1/4 lb., 10c; lb., 30c, postpaid. By express or freight at purchaser's expense, lb., 20c; 10 lbs., at 15c.

**Broad Flanders.** One of the most vigorous and strongest growing varieties. The leaves are nearly round, bright green, and quite thick. A very desirable sort. Pkt., 5c; 1/4 lb., 10c; lb., 30c, postpaid. By freight or express at purchaser's expense, lb., 20c; 10 lbs., at 15c.

**Round Thick Leaved.** A rapid growing variety forming clusters of large, very thick, slightly wrinkled leaves. A favorite with market gardeners. Pkt., 5c; 1/4 lb., 10c; lb., 30c, postpaid. By express or freight at purchaser's expense, lb., 20c; 10 lbs., at 15c.

**Long Standing.** This excellent variety comes quickly to maturity and remains in condition for use much longer than other sorts. The leaves are smooth and very dark, rich green. In our estimation the best for the private garden, as it is one of the most popular and profitable with market gardeners. Pkt., 5c; 1/4 lb., 10c; lb., 30c, postpaid. By express or freight at purchaser's expense, lb., 20c; 10 lbs., at 15c.

**Long Standing Prickly.** A little later than the leafy sorts, but yields a large quantity of thick and finely colored leaves. It remains in condition fit for use for a long time. Seed is prickly. Pkt., 5c; 1/4 lb., 10c; lb., 30c, postpaid. By express or freight at purchaser's expense, lb., 20c; 10 lbs., at 15c.

**Prickly Winter.** A very hardy variety and will withstand severe weather better than any other sort. It is used largely for fall sowing. Pkt., 5c; 1/4 lb., 10c; lb., 30c, postpaid. By express or freight at purchaser's expense, lb., 20c; 10 lbs., at 15c. Special prices on large quantities of Spinach.



Yellow Bush Scallop Squash.

White Bush Scallop Squash.

Golden Summer Crookneck Squash. See page 39.



# SQUASH

## WINTER VARIETIES

### Mammoth Chili.

Weigh 200 lbs. or more. Immensely Profitable. Very Productive.

Attains an enormous size, often reaching a weight of 200 pounds, and not infrequently weighs 300 pounds, and even more. Despite its size, its flesh is rich and fine flavored. It is especially desirable for stock feeding and exhibition purposes. From the illustration you will note its uniformly large size. We refer to the letter from Mr. Crowell, of Monticello, Minn., giving his experience. He deems it the most profitable crop he grows. He uses them almost entirely for feeding his cows and swine. For feeding the cows it is best to cut them up, mixing with ground feed. As the yield an acre will run from 8 to 15 tons, it will thus produce a very cheap and nutritious feed. In feeding to swine, all that is necessary is to break the squashes open and they will help themselves.

When growing for exhibition purposes, it is best to fertilize the ground upon which they are to be grown. To raise the largest squash fill an excavation with a load of rich compost, and after covering it with earth set a bottomless barrel in the center of the heap. Plant the seeds about the edge. Supply plenty of moisture through the barrel. Skimmed milk proves especially effective when it can be spared. Save only one or two fruits on each vine; destroy the blossoms and prune back so as to divert all the growth to the squashes you have selected. The rapidity with which they grow is surprising. It is quite necessary that ample moisture be given them, for they will take up a large quantity in the course of each day. Mammoth Chili Squashes carry off the prize at nearly every show where they are exhibited. Be sure to include at least a package on your order. Large pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.00.

#### Mr. Crowell's Letter.

*I have grown your Mammoth Chili Squash four years and would not be without it; it is the most profitable crop I grow. I use them principally in feeding my cows and swine. In feeding them to swine I throw them into the pasture thus breaking them and in feeding to cows, I cut them, and mix with ground feed. I regard them as the cheapest and best feed I can raise for swine and cattle. Not only is their feeding value good, but they yield tremendously. On a sandy patch of ground from which I expected scarcely any crop, I raised about 8 tons to the acre. Many individual squashes weighed 125 lbs. and I think the entire field would average 70 lbs. each.*

E. P. CROWELL, Monticello, Minn.

#### Weighed 309 Lbs.

*I raised a Mammoth Chili Squash which weighed 309 lbs.*

MERLE M. WILLITS, Persist, Ore.



Mammoth Chili Squash. As they come from the field.

**Chicago Warded Hubbard.** Is similar in size and quality to the Hubbard. The vines are vigorous and productive, while the large, dark olive-green fruits are rather more heavily warted. Very handsome in appearance; an excellent keeper and of splendid quality. Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

**New Red or "Golden" Hubbard.** This is identical in size, form and fruitfulness with the Chicago Warded Hubbard; the chief distinction being that the heavily warted skin is of a rich orange-yellow turning to a deep salmon-red when ripened. It is of most attractive appearance, fine in quality, and should be one of the most profitable market sorts. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.25.

**Gregory's Delicious.** Mr. Gregory the originator of the Hubbard Squash, writes us that this new variety of his in dryness, sweetness and richness of flavor, surpasses all other squashes. The shell is green in color, the flesh of a rich orange. An excellent winter keeper. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

Northrup, King & Co.'s



### Improved Hubbard Squash.

(Sold only in sealed packages.) Our own strain of Hubbard Squash is considered to be the finest of any grown. The soil and climatic conditions of Minnesota are better adapted for the proper maturing of squash seed than any other section, and as we have taken special care in selecting and improving our strain, the result is the very highest type known. The fruit grown from our seed matures earlier, keeps better and commands a higher price than that grown from other seed. The vines are of strong, running growth and bear a good number of large pear-shaped fruit. The shell is hard, strong and dark green in color; thickly covered with rough, warty growth. The flesh is a bright orange-yellow, fine-grained, very dry, sweet and rich flavored. Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

#### They Were The Very Best.

*Your seeds have given satisfaction in every respect. I exhibited some of my Hubbard Squash at the Farmers' Convention that were raised from your seed, besides other kinds, and they are all the very best to be had.* T. L. SMITH, Nephi, Utah.

#### Always Taken First Prize.

*I have used your seeds for twelve years and never have had a poor package. Your Improved Hubbard Squash has done extra well. I have had them several times at County Fairs and have always taken first prize.*

PETER WING, New London, Wis.

Office of MERRELL, SOULE & CO.,

Manufacturers of Pure Food Specialties, Syracuse, N. Y.

Northrup, King & Co., Gentlemen:—The second carload of Hubbard Squash is received and found in perfect condition. Both carloads have been superior in quality and size to any we have been able to secure in any other territory. For this reason we think it would be a good scheme to buy some of your seed. We could possibly use 500 pounds of your seed providing you could make us a reasonable figure.

MERRELL, SOULE & CO.

Northrup, King & Co.'s Hubbard Squash.

## SUMMER VARIETIES.

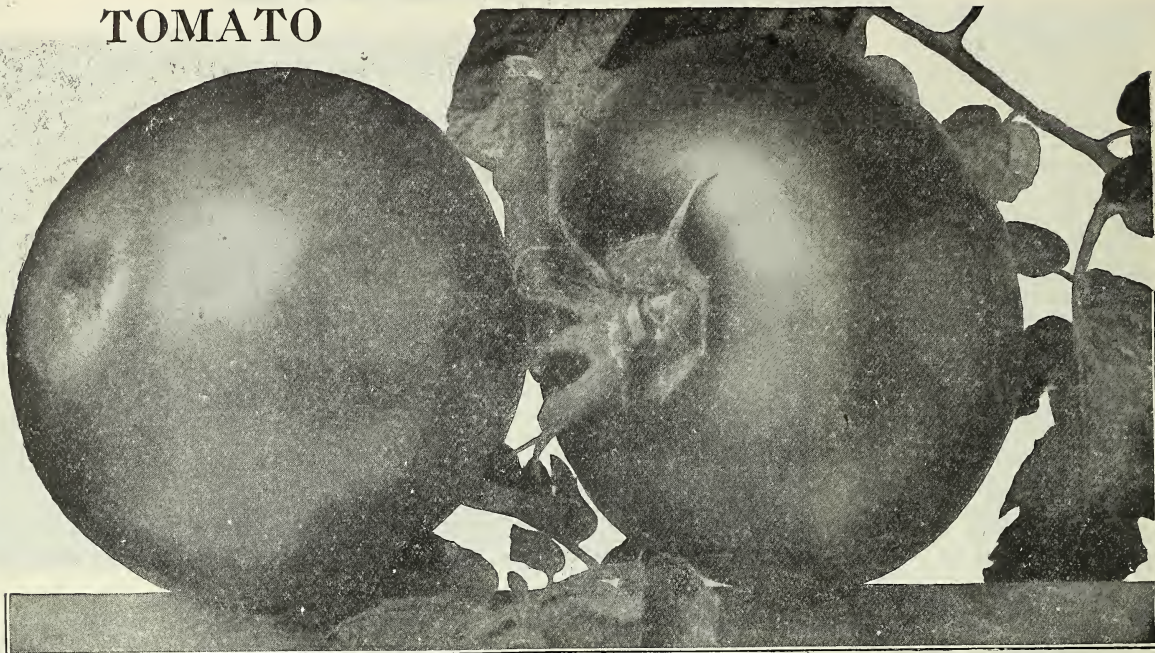
**White Bush Scallop.** (Patty Pan.) Matures early and will bear throughout the season if fruits are kept gathered. Squashes are clear white and of large size. Flesh is thick and very fine in quality. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c, postpaid.

**Yellow Bush Scallop.** A very early, flat, scallop variety of large size; color, yellow; flesh pale yellow and well flavored. Has a very small seed cavity. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c, postpaid.

**Golden Summer Crook Neck.** Early and prolific. The fruits are of the true crook-neck type, heavily warted, and of light golden color. Fruits when matured are about one foot long. One of the most popular sorts for home and market. Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., \$1.00, postpaid.

**Delicata.** May be used either as a summer or winter variety. Matures about the same time as the summer varieties, and is of very fine quality. Orange-yellow, splashed and striped with very dark green. The flavor is rich and dry, wonderfully solid and heavy. Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., \$1.00, postpaid.

# TOMATO



Northrup, King & Co.'s Sterling Tomato.

## Northrup, King & Co.'s Sterling.

Sold only in Sealed Packages.



This is an early, large and perfectly smooth tomato of perfect flavor, very solid, and strikingly attractive in general appearance. In color it is of a glossy crimson tinged with pinkish purple. It is enormously productive, one plant alone having been known to produce nearly a bushel of ripe fruit. In addition to its earliness it continues to produce ripe fruit until frost. It is, we think, the best of all tomatoes for family use and is unsurpassed as a money maker for the market gardener. Price, large pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.15; lb., \$4.00, postpaid.

## Northrup, King & Co.'s Peerless.

(Sold only in sealed packages.) This magnificent tomato possesses every point going to make the perfect tomato, except earliness. It is of very large size, velvety smoothness, bright attractive color, symmetrical form, great prolificness, remarkable firmness, wonderful solidity and splendid flavor. As a keeper it is probably the best of all, rendering it invaluable as a shipper. The seed cells are small and the center is without the hard core which is an objectionable feature in so many tomatoes that are otherwise good. Large pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.00, postpaid.

**Acme.** Early and bears fruit until cut off by frost. Fruit is purplish, always round, smooth and of good size, and is borne in clusters of four or five; free from cracks and stands shipment well. Flesh is solid and of excellent flavor. Excellent for home and market. Does well both outdoors and under glass. This is a good canning variety. Large pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.25, postpaid.

**Beauty.** (Livingston's.) One of the smoothest skinned and best of the large sorts. The vines are large, vigorous and very productive. The fruit is large, uniform in size and very smooth. Skin purplish pink, flesh light pink and of excellent flavor. Large pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.25, postpaid.

**Crimson Cushion.** A continuous and late fruiter. Of immense size, often weighing a pound, and smooth as an apple. Ripens thoroly all over. Nearly round and of very good quality, being free from acid taste; color, bright scarlet. Nearly seedless and as solid as beefsteak. A prodigious bearer. Large pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., \$1.25, postpaid.

**Dwarf Champion.** Dwarf and compact in habit; sold by some seedsmen as the Tree Tomato. Stands up well even when loaded with fruit, having a stiff, bushy stem; can be planted close together; very desirable in small gardens; very early. It is always smooth and attractive; the skin is tough and flesh solid, but has no hard core and is of good flavor. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 75c; lb., \$2.25, postpaid.

**Earliest Cluster.** A very early variety, very productive and of fine quality. It is of a good size, measuring 4 to 5 inches across and of bright red color. The plants are quick growers. The fruits grow in large clusters; as many as eight to twelve ripe tomatoes can be picked at one time from some clusters. Pkt., 10c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50, postpaid.

**Favorite.** (Livingston's.) Large, smooth, blood-red sort; early; ripens all over and thru at once. Will bear shipping long distances. Very few seeds and has no hard, green core. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75, postpaid.

**Fordhook Early.** One of the earliest; fruit shapely. Ripens up evenly about the stem. Fruit rich crimson in color but tinted with purple like the well known and favorite Acme. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65c; lb., \$2.00, postpaid.

**Perfection.** (Livingston's.) One of the handsomest varieties and those who have grown the large, round, smooth, beautiful, red fruit claim it has no superior in quality. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75, postpaid.

**Livingston's Globe.** Perfectly globe-shaped, very early, firm fleshed, ripens evenly, rose-colored tinged with purple, very productive, an excellent keeper, flavor superb. A fine variety for greenhouse or for early outdoor growing. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.25, postpaid.

**Stone.** This variety is very large and of a bright scarlet color; very smooth, ripening evenly to the stem without a crack, exceedingly solid; is an excellent shipper; quality the very best; fine for canning; a good keeper; without hard core; not subject to rot; its vines and foliage rank and robust. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75, postpaid.

**Livingston's Coreless.** The most perfect shaped canning variety. In shape it is almost round. The depression at the stem end has been almost eliminated, making it a most profitable variety for canning, owing to the small amount of waste. It is immensely productive, producing clusters of from four to seven fruits, all of marketable size; always free from green core; ripens all over and thru and right up under the stem all at once. A grand slicing variety on account of the bright red, solid, meaty and delicious flesh. One of the best for long distance shipping. Pkt., 15c;  $\frac{1}{2}$  oz., 50c; oz., 90c;  $\frac{1}{4}$  lb., \$3.00.



Ponderosa Tomato.

**Ponderosa.** This is the largest fruited tomato and is of fine quality for slicing. The vines are of strong growth; fruits oblong in form, deep thru, and generally ridged or ribbed; deep purple in color. They are solidly fleshy with small seed cells; of fine flavor. Planted in good soil, fruits frequently attain a weight of one pound or more. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 40c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.75, postpaid.

# TOMATO

Northrup, King & Co.'s  
Early Minnesota  
Tomato.

Sold only in Sealed Packages.  
The Earliest Good Tomato.



Our stock of this splendid tomato has come in competition in the race for earliness with numerous other varieties sent out under strong claims, and has beaten them all, and remains today, as it was when we first offered it several years ago, the earliest of all the good varieties, very hardy and succeeding everywhere. The Imperial, Early Ruby and Earliana are excellent sorts but the Early Minnesota is superior to these in shapeliness, color, size, smoothness, solidity and flavor, as well as being earlier. When we say the earliest tomato, we of course mean the earliest good tomato. There are several sorts a very little earlier, but they are gnarled, ridged, small, tasteless and unworthy the name of tomato, and unfit for use. Those wishing to have the earliest good tomato must have our Early Minnesota. Large pkt., 10c; 1/2 oz., 20c; oz., 30c; 1/4 lb., 90c; lb., \$3.00, postpaid.



Northrup, King & Co.'s Early Minnesota Tomato.

**Chalk's Early Jewel.** The largest, smoothest and finest flavored, extra early bright red tomato. About ten days later than Spark's Earliana. It is even a heavier cropper, with tomatoes of larger size and sweeter flavor, produced thruout the season. The plants are of bushy, compact growth, heavily loaded with fruit. The tomatoes are of good size, just right for market; are very solid and deep thru, being almost round or globular-shaped; color bright scarlet, ripening to the stem without cracks or green core. The flesh is thick, solid, of fine flavor, with few seeds. The skin is strong enough to make it a good shipping variety. Pkt., 10c; oz., 25c; 1/4 lb., 75c; lb., \$2.50.

**Spark's Earliana.** A perfect early tomato, large in size and beautiful in color, nearly seedless and very solid, a vigorous grower and prodigious bearer, yielding its splendid fruit until frost.

We regard Spark's Earliana as a worthy rival of our Early Minnesota. Each possesses points of superiority over the other. Earliana has very few seed cells, and is nearly seedless, a claim we cannot justly make for our Minnesota, and a strong point in favor of the Earliana. In other respects we regard them as equal in quality, Minnesota being the earlier. For those with whom extreme earliness and hardiness is not so essential, Earliana may be the better on account of its being more nearly seedless. This however is a close question, one on which we are not as yet quite prepared to express a decided opinion. Growers of early tomatoes should grow both of these splendid varieties. Large pkt., 10c; oz., 25c; 1/4 lb., 75c; lb., \$2.50, postpaid.

## SMALL FRUITED TOMATOES.

For Pickles, Preserves, Etc.

**Red Pear.** Fruit pear-shaped, of bright scarlet color, rich flavor. Pkt., 5c; oz., 20c; 1/4 lb., 60c; lb., \$2.00, postpaid.

**Yellow Pear.** Similar to the above, but fruit is of a handsome yellow. Pkt., 5c; oz., 20c; 1/4 lb., 60c; lb., \$2.00, postpaid.

**Yellow Plum.** Fruits are yellow, plum-shaped, growing in clusters. Excellent. Pkt., 5c; oz., 20c; 1/4 lb., 60c; lb., \$2.00, postpaid.

**Yellow Cherry.** Fruits are of a light lemon-yellow, about half an inch in diameter, bears early and freely until frost. Pkt., 5c; oz., 20c; 1/4 lb., 60c; lb., \$2.00, postpaid.

**Red Cherry.** Identical with the above except in color of fruit, which is of a light scarlet. Pkt., 5c; oz., 20c; 1/4 lb., 60c; lb., \$2.00, postpaid.

**Peach.** These are excellent for eating raw. The fruits resemble a peach, even to the skin which is covered with a slight bloom as in a peach or nectarine. Pkt., 5c; oz., 20c; 1/4 lb., 60c; lb., \$2.00, postpaid.

**Husk Tomato.** Makes Fine Preserves. This useful fruit, which is also called Strawberry and Ground Cherry Tomato, is greatly valued for use as a preserve, it also makes delicious pies either when ripe or dried with sugar. When ripe the fruits are half an inch in diameter and of very sweet and agreeable flavor. The vines cover the ground and yield enormously of the fruit which is enclosed in a husk or fruit calyx. There are two varieties of the Husk Tomato, the Golden Husk (*Physalis Pubescens*), and the Purple Husk (*Physalis Philadelphia*.) We consider the Golden Husk by far the better of the two and unless otherwise directed will always send Golden Husk on orders received for Strawberry, Ground Cherry or Husk Tomato. Pkt., 5c; oz., 25c; 1/4 lb., 75c; lb., \$2.00, postpaid.

Had Fine Luck.

I have always found your seeds very satisfactory. With your Husk Tomato I have had especially fine luck.

J. A. URNESS, Brandon, Minn.



Chalk's Early Jewel Tomato.

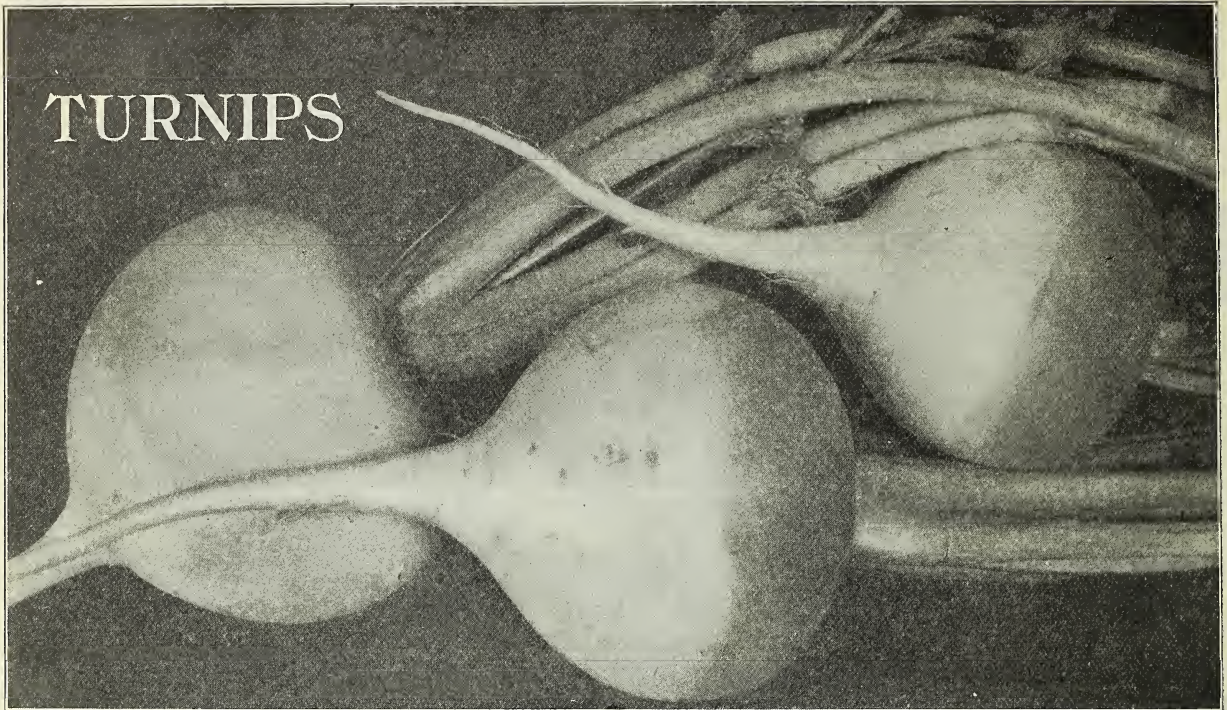
**Every Seed Grows.**

I have used your seeds ten or twelve years and never have been disappointed, as every seed grows. Your Early Minnesota Tomato gives us ripe fruit long before our neighbors have them.

C. F. SMOCK,  
Rock Rapids, Iowa.

**Earliest Vegetables.**

I have fine success with your seeds and usually have the earliest vegetables in town. I especially like Early Minnesota and Earliana. B. M. HOWARD,  
Oneida, S. D.



White Globe Turnip.

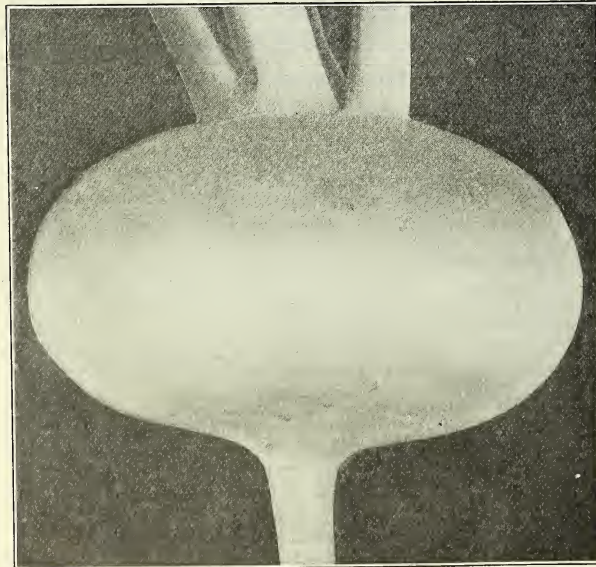
Purple Top White Globe Turnips.



**Northrup, King & Co.'s Early White Model.** (Sold only in sealed packages.) Best for private gardens and home use. Very early and the most perfectly formed, round, white turnip. It has a short top and a single tap root. Flesh, snowy white, solid and sweet. Large pkt., 5c; oz., 10;  $\frac{1}{4}$  lb., 20c; lb., 60c, postpaid.

**Extra Early White Milan.** The earliest turnip. Tops leaved and growing very erect and compact. Bulbs form earliest of any sort. The clean white roots are smooth, flat, symmetrical and handsome in appearance. The flesh is white, tender and sweet. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 65c; postpaid.

**Extra Early Purple Top Milan.** Similar to the White Milan, except that the roots are a little more flat, and the upper portion is a beautiful purple-red. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 65c, postpaid.



Purple Top, Strap-Leaved Turnip.

**Purple Top, Strap-Leaved.** The most popular sort. A general favorite with all, and more largely grown than any other turnip; will do well to sow either broadcast or in drills, and will form good sized bulbs in seven or eight weeks. Rather flat and of medium size. Color purple above ground, white below; flesh, white, fine grained and tender. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 15c; lb., 50c, postpaid.

**Early White Flat Dutch.** A very popular sort for market; grows quickly, comes early; clear white skin and flesh of juicy, mild flavor and excellent quality; produces bulbs entirely free from small roots. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 15c; lb., 45c, postpaid.

**Golden Ball or Orange Jelly.** One of the most delicious yellow-fleshed turnips. Not of large size, but firm, hard and excellent flavor. Keeps well and is superior as a table variety. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 15c; lb., 50c, postpaid.

**White Egg.** A quick grower; a grand good keeper; excellent either as an early or late variety. The flesh is very sweet, firm and mild, never having the rank, strong taste of some varieties. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 15c; lb., 50c, postpaid.

**Purple Top White Globe.** Of a perfect globe shape, about six inches in diameter, with smooth, white skin; flesh pure white, firm and crisp, and of quick growth. A good keeper and is fine for market. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c, postpaid.

**Cow Horn.** Pure white, except a little shade of green at the top. Carrot shaped, grows nearly half out of the ground and slightly crooked. Delicate and well flavored; a rapid grower and considered good for market use. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 50c, postpaid.

**White Globe.** Perfectly globe-shaped; skin white and smooth; leaves, large and dark green. Flesh is white and of good quality. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 50c, postpaid.

## HERBS.

Utilize the corners for a few Pot and Sweet Herbs (for flavoring meats, soups, etc.) indispensable to every garden, while Medicinal Herbs will be found useful. Thrive nicely along sunny side of fence in a deep, fairly rich soil.

**Anise.** Used for cordials, garnishing and flavoring. Pkt., 5c; oz., 20c.  
**Balm.** Leaves used for making pleasant beverages. Pkt., 5c; oz., 25c.  
**Basil, Sweet.** The leaves are used in flavoring soups, etc. Pkt., 5c; oz., 20c.  
**Borage.** Leaves used for flavoring, and flowers furnish bee pasturage. Most easily grown in any waste place. Pkt., 5c; oz., 15c.  
**Caraway.** Grown for seeds; used for flavoring. Pkt., 5c; oz., 20c.  
**Catnip or Catmint.** Leaves and young shoots used for seasoning. Pkt., 10c; oz., 40c.

**Coriander.** Seeds used in the manufacture of liquors, in confectionery and culinary preparations. Pkt., 5c; oz., 10c.

**Dill.** Seeds have an aromatic odor and pungent taste. Pkt., 5c; oz., 10c.

**Fennel, Sweet.** Ornamental; when boiled, used in fish sauce. Pkt., 5c; oz., 10c.

**Horehound.** Used for seasoning and cough remedy. Pkt., 5c; oz., 30c.

**Lavender.** An aromatic and useful medical herb. Pkt., 5c; oz., 20c.

**Marjoram, Sweet.** Leaves and shoots for seasoning. Pkt., 5c; oz., 20c.

**Pennyroyal.** Agreeable odor and flavor. Pkt., 10c; oz., 75c.

**Rosemary.** The leaves of this plant are aromatic. Pkt., 5c; oz., 20c.

**Sage.** An indispensable herb for seasoning. Pkt., 5c; oz., 20c.

**Summer Savory.** Used for flavoring soups. Pkt., 5c; oz., 15c.

**Thyme.** Leaves and young shoots used for seasoning; a tea is made of the leaves; a remedy for headache. Pkt., 5c; oz., 30c.

# NORTHRUP, KING & CO.'S SELECT LIST OF FLOWER SEEDS

Just a few Suggestions about the Growing of Flower Seeds and the Treatment of the Young Plant.

**Early Blooming.** If you want your flowers and plants to bloom early, sow the seed late in the winter or early in the spring. Sow them in hot beds, flower pots or shallow boxes. You will find the latter method satisfactory enough, but you will have to keep the plants in the house.

**Kind of Soil to Use.** The best seeds and the best care on earth will not produce healthy, vigorous plants unless the soil is right. If you can find a rich, sandy loam, use that. It is the best. But if you cannot get such soil, then take two parts black loam, one part sand and one part decomposed stable manure and mix them thoroughly. This will give you a rich, productive soil.

**How to Plant the Seeds.** Place your soil in the hot bed or boxes, as the case may be; smooth the surface and pack quite firmly. Scatter your seeds evenly upon it, and then cover the seed with about twice its thickness of soil and pack it down quite hard. This will give you an ideal planting, and with Northrup, King & Co.'s seeds a good growth is assured.

**Temperature and Humidity.** After getting your seeds planted, you must be careful and keep them in a warm place—not hot, but just warm—about 80 degrees—until the plants appear. You should be careful, also, and keep the seeds quite moist until the plants appear, after which the soil should not be kept too wet, as there is danger of the plants "damping" off.

**Light and Air.** Plants of all kinds require plenty of light, fresh air and sunshine, without which no plant will thrive. They are absolutely essential elements to successful flower raising.

**When to Transplant.** As soon as the second leaves appear, then is the time to transplant into other boxes, so that the plant may spread out and become more hardy and stocky. When the weather becomes sufficiently warm, then they may be again transplanted into the garden or open border. Care should be taken to water freely until the plants are firmly rooted.

**When to Sow Late Flower Seeds.** For late summer and fall flowers, sow the seed in fertile soil in the garden or open border in the spring time, giving preference to those locations where the plants are to remain; observing in a general way the directions for early sowing.

**Our Hand Book for the Garden** is sent free with all flower seed orders, if requested. It contains full and accurate cultural directions on flower seeds as well as other valuable information that cannot fail to interest.

**Send in Your Orders Early.** Follow the suggestions given in our Hand Book and have the young plants ready to transplant as soon as warm weather comes.

See pages 60 to 63 for list of Hardy Perennials.

## NORTHRUP, KING & CO.'S SCHOOL GARDEN FLOWER MIXTURE.

Sold only in Sealed Packages.



Have you ever tried this mixture and do you really know what it is? It is not just an ordinary wild-flower mixture. It is made up of the seeds of all the popular, hardy flowers, both wild and cultivated, such as not only the children, but their elders, delight in raising in odd nooks and corners, and in open beds where little attention need be given to insure a profuse growth.

The beauty of this mixture lies in the great variety of flowers it contains. It embraces not only all the best known and most popular annuals, but a great many new and rare sorts, gathered especially for this mixture from all parts of the world.

You could not take a \$2 bill and buy flower seeds in separate packages representing one-half the real value of the seeds contained in this mixture.

We believe, honestly, that this is the very best mixture of flower seeds ever put up, and one that will produce the most satisfactory results. Indeed, to the thousands who have become interested in it and grown it, it has proven a genuine revelation—an undreamed of combination of big value and little price actualized for the benefit of every lover of flowers.

We believe that the superior quality of this mixture will make its advertising value worth more to us than the difference in price, and that is why we cut the price, and that is why we wish to place it as widely as possible. It is of

absolutely unprecedented value for the money, and you should not fail to send us your order for at least a package. We know you will be more than pleased if you do, and that is just what we want, knowing that if we please you in one thing, the chances are very good that you will recognize the merit of our seeds and order again.

If you buy a package of these seeds and they do not prove satisfactory; and if, before Jan. 1, 1911, you will write us to that effect, we will return your money just as cheerfully as we take it.

This mixture has attracted such wide and favorable attention wherever grown, and has elicited so many inquiries that we have determined to use it largely in our advertising campaign, and so, with this end in view, we have cut the price from 25 cents a package, to 10 cents a package, or three packages for 25 cents.

The enclosed photograph shows the flowers raised from two packages of your School Garden Mixture. The two beds are each 15 feet longer than the photo shows them to be. The flowers are many and very beautiful. My garden faces the main road and the railroad tracks. It is quite amusing to the "Old Vet" to see everybody that passes admire my flowers. All of the seeds purchased of you have given the best of satisfaction.

CHARLES F. PRESCOTT, Sleepy Eye, Minn.

## BEAUTIFUL NEW ASTER FOR 1910.

### VICK'S ROSE KING MATE TO VIOLET KING.

When we offered Violet King a few years ago, we felt confident that it possessed numerous characteristics which would make it very popular, not only with wholesale growers, but with every lover of fine flowers. It has certainly proved to be a winner in every sense of the word. Probably it has won more prizes in the past four years at Fairs, big and little, than any other variety in the world. In the commercial market it has frequently been the only dark colored late variety to find any sale; in other places it has furnished good marketable blooms where other varieties have failed. From the sturdy, vigorous plant, to the massive flower it has surely proved to be as kingly as its name.

Now we have another color in this class, Vick's Rose King, a particularly pleasing shade and one that goes well with its mate, Violet King. It is a brighter, more brilliant color than Rose Branching. It possesses all of the characteristics of a good Aster; vigorous in habit, with stems frequently two feet in length, flowers large as saucers, crowns completely covered, a good keeping variety and unsurpassed for cutting. Petals are stiff and strong and do not show the effects of shipping until long after many other varieties would be completely wilted. Get acquainted with this excellent variety. As we have very little seed this year we shall be obliged to limit the sale to packets. Pkt., 25c; 2 pkts., 40c.

#### Asters Especially Fine.

I have used your seeds only two seasons, and have been highly pleased with the results. Have no reason to say they are anything below what they are represented to be. My experience has been chiefly with flower seeds. All I have used have done well, but the Asters were especially fine. Of the vegetable seeds tried, while I have no cause for complaint of any, the "King of Garden" Lima Beans have given the best results.

(MISS) S. V. BROOK, James River, Va.

#### Asters were Grand.

I have used your seeds for three years, and found them all very satisfactory. Those of special mention are your Peas Teddy Roosevelt and Carter's Daisy; in fact, all are fine. The Asters are grand. Our seasons are late; it was June 1st when I planted my Asters and they were fine, much admired by all who saw them. I recommend your seeds to all my friends.

ELECTA MOORE, Hamblinton, Pa.



Aster, Vick's Rose King.

ASTERS CONTINUED ON PAGES 44 AND 45.

## ASTERS

No flower, not even excepting the Pansy, with its marvelous range of color, or the Sweet Pea, with its wonderful display of bloom, can approach in many important respects the Aster. As a bedding plant it has no superior, and is the last to succumb to the icy touch of winter.

As a cut flower it rivals the Chrysanthemum in beauty and diversity of form and color, and remains firm and fresh for days. They are easily grown, very hardy, and offer themselves for use at a time when other garden favorites are gone.

Realizing the drift of popular favor we have gathered from the foremost Aster specialists of the world the finest strains procurable, and offer them at prices which will be found exceedingly reasonable.

### Northrup, King & Co.'s Imperial

**Mixture of Asters.** (Sold only in sealed packages.) These superb mixtures which are offered in the Tall, Half Tall and Dwarf varieties are the result of many years' experience in combining all desirable colors of each distinct and most beautiful type. Every year we have said we can make it no better, and yet every year we have found some new gem to add to the galaxy. This we will continue to do as fast as new varieties are perfected and new colors fixed, always with the view of making our "Imperial" Mixture of Asters the finest experience can suggest or that money can buy. Each section; Tall, Half Tall or Dwarf, embraces the finest colors of each class; for example, our mixture of Tall varieties includes the Branching Asters, Victoria Asters, the Paeony-Flowered Perfection Asters, the Cocardeau or Crown Asters, the Pompon Asters, the Globe-Flowered Pyramidal Asters, the Improved Reid's or Betteridge-Asters, the Gem or Ball Asters, the Ray Aster, etc., each of which embraces many beautiful colors. A better idea may be found by mention of the fact that in our strain of Victoria Asters are included white, white changing to rose, white changing to azure blue, indigo blue on white ground, peach blossom, delicate rose, rose pointed white, red, rosy carmine, crimson crimson and white, fiery scarlet, reddish lilac, reddish lilac with white, light blue with white, dark blue, dark blue with white, purple violet, rose and white. Our Half Tall and Dwarf Imperial Mixtures are as equally varied and choice as the Tall.

**Northrup, King & Co.'s Imperial Mixture of Tall Varieties.** Pkt., 15c; 2 pkts., 25c; ¼ oz., 50c; ½ oz., \$1.50.

**Northrup, King & Co.'s Imperial Mixture of Best Half Tall Varieties.** Pkt., 15c; 2 pkts., 25c; ¼ oz., 50c; ½ oz., \$1.50.

**Northrup, King & Co.'s Imperial Mixture of Dwarf Varieties.** Pkt., 15c; 2 pkts., 25c; ¼ oz., 50c; ½ oz., \$1.50.

#### A Constant Surprise.

Your Imperial Mixture of Asters was a constant surprise. The Imperial German Pansies are certainly fine, no color seems to have been forgotten.

MINNIE J. BOHRER, Lakeland, Minn.



Aster, Purity.



Aster, Vick's Mikado Pink.



**Northrup, King & Co.'s Fire Ball.** (Sold only in sealed packages.) The nearest approach to a pure, brilliant scarlet of any Aster yet introduced. The plants are literally covered with perfectly formed flowers of faultless Paeony shape. Height, 10 to 12 in. Pkt., 10c.

**Vick's Mikado Pink Aster.** A magnificent, new large flowering Aster, mid-season, belonging to the Giant Comet class. Petals are narrow, very long, and gracefully reflexed. The outer petals show to their full extent, while gradually toward the center they bend and curl each other in such magnificent disorder as to make the fluffiest Aster we have ever seen. The color is a most exquisite shade of shell pink and for a mid-season pink this Aster is without a rival. It is destined to be among Asters what the Enchantress is among Carnations. In growth unusually vigorous, branching freely. The stems are long and it is not uncommon to find a dozen long, strong, graceful stems each crowded with flowers from four and a half to six inches in diameter. Pkt., 25c; 2 pkts., 40c.

**Daybreak Aster.** This superb Aster is one of the rare gems that have come to stay; color a delicate sea-shell pink; flowers are round, very large and full, borne upright on long, stiff stems. Pkt., 10c.

**Lavender Gem Aster.** One of the most beautiful Asters; color a charming shade of lavender, deepening with age. The flower is always full double, borne in profusion on long slender, wiry stems. Of the Ostrich Feather type, large, artistic and loosely arranged. Pkt., 15c.

**Purity Aster.** The plants are very neat, of medium height, and are literally covered with a mass of flowers like snowballs. Pkt., 10c.

**Royal Purple Aster.** A medium late variety; flowers large and full with centers well covered; petals flat and incurved. If uncut, this variety will remain in bloom until late in the fall, the flowers retaining their beauty and vigor for a long period. Pkt., 15c.

**Snowdrift Aster.** The earliest Aster in cultivation coming into bloom in July. A handsome white of the Ostrich Feather type, not surpassed in size or beauty by any of the late varieties. Pkt., 15c.

**Violet King Aster.** The peer of the grandest Chrysanthemum. A new type and color in Asters, see illustration on page 45. The formation of the flower is very distinct from any other variety; petals resemble the quilled sorts, but are much larger and broader, those in the center, twisted, curled and incurved, completely covering the crown. Season, mid-summer to frost. The bloom is round, full and very large, many of the flowers measuring from four to five inches in diameter. Its color is a soft violet-lilac. Pkt., 15c.

#### Cultural Note on Asters.

The cultivation of the Aster is simple. Do not sow the seed too early; the middle of March indoors is considered a very good time. Successive sowings should be made, if a constant supply of flowers is desired from July until frost. For early use sow the seed in shallow boxes, covering with one-fourth inch of soil. Later sowings may be made in hot-beds or cold frames; or in the open ground, broadcast or in drills, when all danger of frost is past. Never use the same ground or location twice in succession. The soil should be rich and moist. We recommend pulverized sheep manure, wood ashes and phosphates as fertilizers. If barnyard manure is used, it should be thoroughly decomposed. Allow plants plenty of room; rows should be 3 feet apart and 15 inches between the plants in the row, but the distance may be less according to the habit or growth of the variety.

The aster beetle or fly is one of the worst pests but there seems to be only one crop of them, and these if caught and killed, are not usually followed by others. Dusting the plants with air-slacked lime or dry ashes will be found beneficial. Root lice and cut worms are also troublesome. Applications of kerosene emulsion or tobacco water around the roots are effective. Aster blight or "yellows" can usually be traced to the work of the above pests. The plants should be pulled and burned if they should become badly diseased. Growers should remember that prevention is better than cure. Good cultivation and the timely use of the remedies suggested should produce healthy, vigorous plants.

# THREE BEAUTIFUL, NEW ASTERS

New Ostrich Feather Aster "Mary", New Comet Aster "Beulah", New Peony Flowered Aster "Cynthia".

These three varieties were offered only by us for the first time two years ago and the reception which they received justifies us in again placing them before our customers. Space will not permit the use of the letters of recommendation we received. These three asters embrace the most popular colors and will continue to give pleasure and satisfaction to the thousands who will purchase them this season on our recommendation. So sure do we feel of this that we again make the offer to promptly and without question return the money paid for these asters to any purchaser who writes us that they did not prove in every sense satisfactory and well worth the money invested.

**New Aster "Mary."** This variety is very appropriately named being a beautiful snow white, very large and delicately petaled. The petals are long and finely lacinated, having the fine feathery appearance of an ostrich plume. The blossoms are double to the center and are borne on long stiff stems making them of great value for cutting and bouquet work. This, as well as the "Beulah" and "Cynthia" Asters, is fine for florists and growers for market. They have the additional merit of being earlier than other large flowering sorts. Pkt., 10c; 3 pkts. for 25c.

**New Aster "Beulah."** Belonging to the Giant Comet class of Asters it possesses many pleasing characteristics well known to lovers of this strain, but the blooms are even larger, some specimens measuring nearly six inches in diameter. The long petals are curved and twisted into an immense head. The delicate pink of the "Beulah" Aster recommends it especially for decorating purposes as the color harmonizes so nicely with its surroundings. The flowers are carried on long, strong stems. Pkt., 10c; 3 pkts. for 25c, postpaid.

**New Aster "Cynthia."** Of all the Peony Flowered Asters none excels in color, form or size the "Cynthia." Those who prefer a rich purplish-blue in an Aster will find in this the object of their affection. It is indeed a royal favorite and well deserves a high position with the rest. When cut for house decoration it will remain fresh for many days. Pkt., 10c; 3 pkts. for 25c, postpaid.

**Collection.** One full size packet of each of the above beautiful Asters, "Mary," "Beulah" and "Cynthia" will be sent postpaid to any address for only 25c.

**How 25 Cents Yielded \$20.00.**

Last spring I sent you an order for Beulah, Cynthia and Mary Asters and at the same time to other seedsmen for other varieties. Of your three Asters we sold to the florists here over \$20.00 and are still cutting. They came into flower very early and are of fine quality. On August 9th they were in full bloom. I will want more of them next spring.

L. O. CLAPROOD, Lima, Ohio.

**Look Like Chrysanthemums.**

We have been using your seeds for the past six years, and have had excellent results. Your Peep of Day Sweet Corn can't be beaten, and I wish to say that we have had splendid results this season with the Aster seed we procured from you last spring, namely, "Cynthia", "Mary" and "Beulah." We have a fine bed of these and the sight is one not soon to be forgotten, they look more like Chrysanthemums than Asters. We have many of them measuring four and one half inches in diameter.

P. S. BERG, Dickinson, N. D.

**New Giant Comet Aster.** The plants of this new variety are perfectly true in character, growing 18 to 24 inches high. The flowers measure from 3 1/2 to 4 1/4 inches in diameter resembling in shape and its artistically curved and twisted petals, the finest Japanese Chrysanthemums.

Snow White ..... pkt., 10c.   Crimson ..... pkt., 10c.  
 Dark Blue ..... pkt., 10c.   Rose Pink ..... pkt., 10c.  
 White Striped with Pink, pkt., 10c.   Mixed Colors ..... pkt., 10c



Aster, Queen of the Market.

**Christmas Tall Aster.** Of branching pyramidal form, blooms quite early; the flowers are finely double; height 15 inches.

Pure White ..... pkt., 10c.   Carmine ..... pkt., 10c.  
 Dark Blood Red ..... pkt., 10c.   Dark Blue ..... pkt., 10c.  
 Light Blue with White ..... pkt., 10c.   Mixed Colors ..... pkt., 10c.

**Hohenzollern Aster.** The finest type of the Giant Comet Aster. Much larger than the Giant Comet, the petals longer and more curled and twisted, and produced in greater abundance. Resemble the finest Japanese Chrysanthemums. Borne on long stems which make them cut flowers par excellence.

White ..... pkt., 10c.   Rose ..... pkt., 10c.  
 Azure Blue ..... pkt., 10c.   Mixed Colors ..... pkt., 10c.

**Ostrich Feather Aster.** Candelabra-shaped habit of growth. Flowers large with very long loosely curved petals. Very fine as cut flowers; height 15 inches.

Pure White ..... pkt., 10c.   Malmaison Pink ..... pkt., 10c.  
 Blue ..... pkt., 10c.   Light Yellow ..... pkt., 10c.  
 Crimson ..... pkt., 10c.   Mixed Colors ..... pkt., 10c.

**Peony Flowered Perfection Aster.** Has double, large and beautiful flowers with incurved petals, resembling very much a Peony in shape. The plants are strong and upright, bearing handsome blooms on long stiff stems. Extra fine for bouquet work. Height, 20 inches.

Blue ..... pkt., 10c.   Crimson ..... pkt., 10c.  
 Snow White ..... pkt., 10c.   Mixed Colors ..... pkt., 10c.

**Queen of the Market.** The earliest first-class Aster, coming into flower almost a month in advance of the later sorts. The flowers are of good size, borne on long stems, making them very valuable for cutting.

Crimson ..... pkt., 10c.   Mixed Colors ..... pkt., 10c.  
 Dark Blue ..... pkt., 10c.   Rose ..... pkt., 10c.  
 Light Blue ..... pkt., 10c.   Blush ..... pkt., 10c.  
 White ..... pkt., 10c.

**Semple's Branching Asters.** The flowers are magnificent and very large, 4 inches across, are very double, of purest color, and borne on long stems. Height 18 inches to 2 feet.

Pure White ..... pkt., 10c.   Mixed Colors ..... pkt., 10c.  
 Pink ..... pkt., 10c.   Lavender ..... pkt., 10c.  
 Purple ..... pkt., 10c.

**Giant Victoria Asters.** The most beautiful and perfect of all Asters. The flowers are very large and double clear to the center. The plants bear ten to twenty flowers, pyramidal in form, height 1 1/2 ft. These Asters are unexcelled for gorgeousness of coloring, being borne in many tints and shades.

Scarlet ..... pkt., 10c.   Blue ..... pkt., 10c.  
 Pure White ..... pkt., 10c.   Mixed Colors ..... pkt., 10c.

**Victoria Aster, "Miss Roosevelt."** Primrose, passing to flesh color. While all previously introduced Asters of changing colors are white when ripening, the flowers of this new Aster in the first stage are of a clear primrose tint, which by degrees passes into a delicate flesh color. The gradual transition produces a most charming hue. Pkt., 10c.

**Asters Particularly Satisfactory.**

I have used your seeds for the past eight years and have always found them excellent. The Asters proved particularly satisfactory. Victoria, Semple's Branching and Comet are standard varieties with me.  
 (MISS) CLARA L. RICE, Flintville, Wisconsin.



Aster, Violet King.



Sweet Alyssum.

**Abronia.** Sand Verbena. See Hardy Perennials from Seed page 60.

**Abutilon.** Flowering Maple. These grow rapidly and make fine, large shrubs, bearing elegant bell-shaped flowers in great profusion. Pkt., 10c.

**Achillea.** See Hardy Perennials page 60.

**Adlumia.** Allegheny Vine. A graceful, hardy biennial climber, but as it resows itself year after year, may be considered a perennial. The feathery foliage closely resembles that of the Maiden Hair Fern, the flowers are tube-shaped, flesh-colored and completely cover the plant. Very desirable to cover trellises, stumps of trees, etc. Pkt., 10c.

**Adonis.** pretty fine cut foliage, dark crimson flowers with light center. 1 foot. Pkt., 5c.

**Adonis vernalis.** See page 60.

**Ageratum.** One of the best bedding and border plants, blooming from early summer until frost. Flowers do not fade in the rain. Blue. Pkt., 5c. White. Pkt., 5c. Dwarf Mixed. Pkt., 5c.

**Agrostemma.** See Perennials page 60.

**Alyssum. Sweet.** A very pretty plant for beds, edgings or rock work. Sweet scented and blooms profusely all summer.

White. Oz., 25c; pkt., 5c.

**Little Gem.** Very dwarf—4 inches—and spreading. They quickly become one mass of white, fragrant flowers, remaining in full bloom from spring to fall. Oz., 30c; ½ oz., 20c; pkt., 10c.

**Saxatile.** Has handsome masses of bright yellow flowers. This variety is a hardy perennial, but blooms the first season. Grows 12 inches high. Pkt., 10c.

**Amaranthus.** Brilliant foliaged annuals, growing from 3 to 5 ft. high. Very useful in borders of tall plants or for the centers of large beds. Give plants plenty of room.

**Caudatus.** LOVE LIES BLEEDING. Brilliant blood red of drooping habit, 3 ft. Pkt., 5c.

**Tricolor.** JOSEPH'S COAT. Leaves red, yellow and green. Pkt., 5c.

**Sunrise.** A most beautiful plant; height, two feet; the leaves are long and narrow, the upper ones of the brightest glowing crimson. Pkt., 10c.

**Ambrosia.** A hardy annual with long spiral stems, bearing an abundance of small, round, greenish-yellow buds and blossoms, which are exceedingly fragrant. It is as desirable as the Rose Geranium as a plant with fragrant foliage and for making up into bouquets and other floral work. Its long,

beautiful, fringed spirals of lovely green are unsurpassed. It is one of the easiest plants to grow and seeds may be sown early in open ground. Pkt., 5c.

**Anchusa.** Cape Forget-Me-Not.

A rare annual of great beauty. Grows two feet high. It will thrive in a shady, out-of-the-way place where scarcely anything else will grow. It resembles a large beautiful Forget-Me-Not of deep blue color. Blooms all summer. Pkt., 5c.

**Anemone.** See Hardy Perennials page 60.

**Anthemis.** See Hardy Perennials page 60.

**Antirrhinum or Snapdragon.**

The Snapdragons do not receive the attention they deserve. They are undoubtedly one of the best cut flowers which can readily be grown from seed while for beds or borders they are a constant source of pleasure, being in flower all the time. They succeed best in a rather light soil, in a sunny position, and altho perennials are best treated as annuals.

**Giant.** White, scarlet, garnet, yellow, pink, striped or mixed. Each, per pkt., 10c.

**Queen of the North.** Grows 1 foot in height and densely covered with large white flowers. A gem for beds and borders and valuable for pot culture. Pkt., 5c.

**Tom Thumb Mixed.** Large variety of colors; best for bedding. Pkt., 5c.

**Tall Mixed.** Extra fine selection; best for cutting. Oz., 40c; pkt., 5c.

**Aquilegia.** See Hardy Perennials page 60.

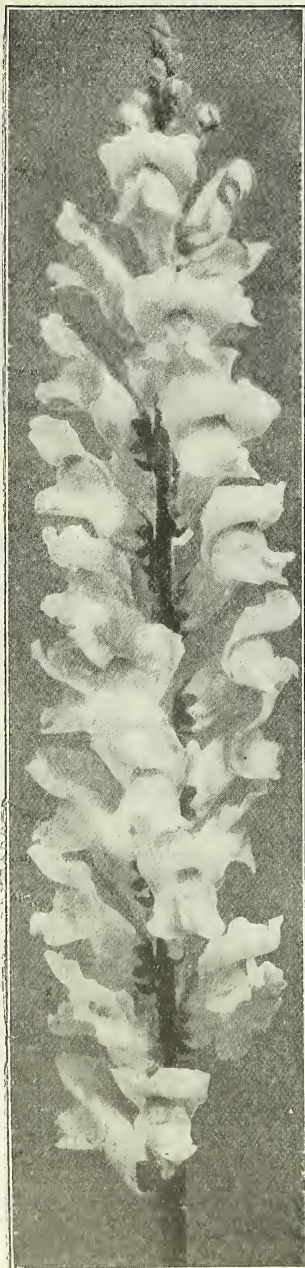
**Arabis.** See Hardy Perennials page 60.

**Arctotis.** Blue Eyed African Daisy. A remarkably handsome new annual. It forms a branching bush 2 to 3 feet high. Its flowers are large and showy, being pure white on the upper surface, the reverse of petals being a pale lilac blue. It is of easiest culture and flowers from early summer until late fall. Pkt., 10c.

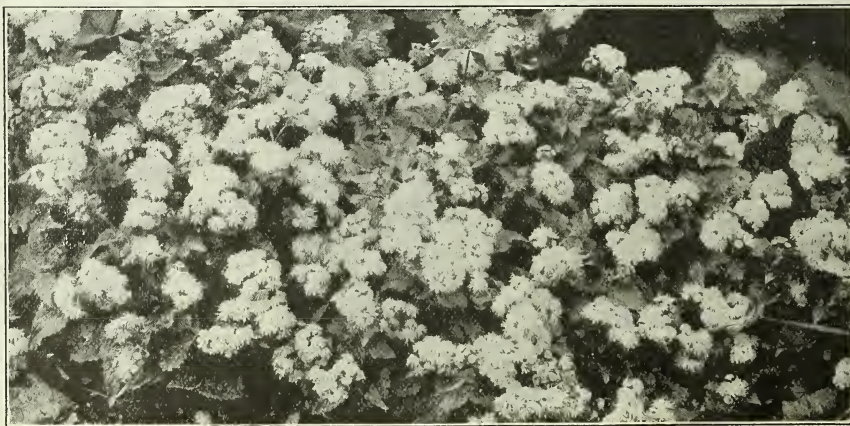
**Armeria.** See Hardy Perennials page 60.

**Asparagus Plumosus.** Probably the most popular house plant today. You can grow it for yourself and neighbors. The leaves are bright green, gracefully arched, surpassing Maiden Hair Ferns in grace, delicacy of texture and richness of color. Pkt., (7 seeds) 10c; 25 seeds, 25c.

**Balloon Vine.** Annual climber of rapid growth; foliage very pretty; flowers white; seed vessels look like miniature balloons. Height 8 feet; succeeds best in light soil and warm situation. Oz., 25c; pkt., 5c.



Antirrhinum or Snapdragon.



Ageratum.



**Baby's Breath.** See Gypsophila. Pages 51 and 61.

**Bachelor's Button.** Also known as Centaurea, Cornflower, Blue Bottle, Ragged Sailor, Sweet Sultan, etc. These are among the most attractive of all hardy annuals and one of the most popular of all old-fashioned flowers. See also page 49.

**Blue.** This is the dark blue sort so much in demand for cutting. Oz., 25c; pkt., 5c.

**White.** Oz., 25c; pkt., 5c. **Mixed.** All varieties. Oz., 25c; pkt., 5c.

**Balsam or Lady Slipper.** Double Camelia Flower. An old and favorite garden flower, producing its gorgeous masses of beautiful, brilliant colored double flowers in the greatest profusion; of easy culture; succeeds in a good rich soil. Our strain is unrivalled for great variety and size of flowers. 2 feet.

**Snow White,**.....pkt., 5c; **Scarlet,**.....pkt., 5c.  
**Pink,**.....pkt., 5c; **Light Lemon,**.....pkt., 5c.

**Scarlet, spotted white,**.....pkt., 5c.  
**Solferino, white, striped with purple scarlet,**.....pkt., 5c.  
**Victoria, satin-white, spotted with scarlet,**.....pkt., 5c.

**Northrup, King & Co.'s Imperial Balsam.**

**Mixed.** The finest mixture possible to combine, representing the best selections from the most celebrated specialists of Europe. The flowers are very large, measuring from 2 to 3 inches in diameter, of perfect form, resembling the flower of the Camelia, and are as double, in fact, the petals are so densely produced that the yield of seed is extremely small, one single plant often producing not more than 5 seeds. The colors of the flowers are varied and brilliant, comprising pure white, crimson, white shaded lilac, rose, spotted, scarlet, blue, purple and many other tints. Pkt., 10c; 3 pkts. for 25c.

**Balsam Apple and Pear.** Very curious, rapid and dense climbers, with ornamental foliage and golden-yellow fruit, which opens when ripe, showing the seed and blood-red interior. Apple and Pear mixed, pkt., 5c.

**Bean, Scarlet Runner.** The well known rapid-growing annual climber, producing bright red flowers, from July to September. Pkt., 5c; pint, 20c; postpaid, 23c.

**Begonias. Everblooming Bedding Varieties.**

The following are varieties of *Begonia Semperflorens*, and take rank as bedding plants with Geraniums and Coleus, doing equally well in full sunlight, and surpassing both in positions partially or wholly in shade. They are of sturdy growth, growing about 1 foot high and forming dense bushes, which, from May until frost, are completely hidden with flowers. As pot plants for winter flowering they are superb, remaining a sheet of bloom throughout the entire year. Easily raised from seed.

**Vernon Grandiflora.** A large flowering form of the above. The flowers are very large and bright orange-carmine in color. The foliage is a beautiful deep red. Pkt., 10c.

**Semperflorens, Double Mixed.** Many double flowering varieties have been introduced in the last few years. The seed here offered has been saved from one of the best collections in Europe. Pkt., 15c.

**Semperflorens, Single Mixed.** This mixture contains all the best varieties, ranging in color from pure white to the deepest crimson; splendid. Pkt., 10c.

**Begonia. Tuberos-Rooted.** Plants of great value for summer decoration or window gardening, blooming the first season from seed, if sown in February or March, in a temperature of 60 degrees. To secure the best of results they should be planted out as soon as the ground becomes warm. They are covered the whole summer with bright and elegant flowers. Single; all colors, mixed. Pkt., 15c. Single frilled varieties, mixed colors, pkt., 15c.



Bachelor's Button. Centaurea.

**Bellis. English Daisy.** See Perennials, page 60.

**Bird of Paradise. Poinciana Gillesi.** The color of the flower is a golden-yellow, measuring 2½ inches across, and are produced in very large trusses. The beautiful part of the flower is the large pistils, which are spread out in fan-like form and are of bright crimson color. The foliage is also highly decorative, reminding one of a very delicate Acacia. If the seed is started early it will produce blooms in great profusion the first year. Pkt., 10c.

**Brachycome. Swan River Daisy.** Free-flowering, dwarf-growing annual, covered during the greater part of the summer with a profusion of pretty blue or white flowers; suitable for edgings, small beds or pot culture. Pkt., 5c.

**Browallia.** A favorite profuse-blooming bedding plant, covered with beautiful flowers during the summer and autumn, of intense blue, grows freely in any rich soil.

**Speciosa Major.** Large-flowering variety, brilliant ultramarine blue, a rare color. Especially valuable as a pot plant. Pkt., 15c.

**Elata Coccyza.** Large sky blue flowers with a white center. Plants 18 inches high. Pkt., 5c.

**Calendula. Pot Marigold.** Free flowering plants of easiest culture, succeeding everywhere and flowering continuously.

Flowers double, showy, of large size and pleasing colors. **Meteor.** Large double yellow, striped with orange. Pkt., 5c.

**Prince of Orange.** Resembles Meteor but is much darker. Pkt., 5c. All colors mixed. Pkt., 5c.

**Calliopsis** OR **Coreopsis.** Showy and beautiful free-flowering annuals, blooming all summer and excellent for cutting and massing.

**Coronata.** Showy, large, pure yellow flowers; excellent for bedding. Pkt., 5c.

**Nigra Speciosa.** Rich crimson. Pkt., 5c.

**Mixed.** All colors. Pkt., 5c. See Perennials page 61.

**Calceolaria.** Large flowering plant. These gorgeous plants are especially suited for window decoration. The immense pocket-shaped flowers are borne in the greatest profusion. Colors are yellow, maroon, crimson, white, etc., spotted and blotched in the most unique manner. 1½ feet. All colors mixed, pkt., 20c.



Bird of Paradise.



Calliopsis or Coreopsis.

**Callirhoe.** See Page 60.

**Campanula.** See Page 60.

**Canary Bird Vine.** *Tropaeolum Canariense.* A beautiful little canary bird blossoms bearing a fancied resemblance to a bird with its wings half expanded. Oz., 40c; pkt., 5c.

**Candytuft.** Universally known and cultivated. When sown in April, flowers from July until frost. Very hardy and easy to cultivate. Height 1 foot.

- Giant Hyacinth Flowered.** Produces very large elongated heads of pure white flowers. Oz., 75c; pkt., 10c
- White Rocket.** Oz., 25c; pkt., 5c
- Tom Thumb. White.** 6 inches. Oz., 30c; pkt., 5c
- Crimson.** Oz., 25c; pkt., 5c
- Lavender.** Oz., 25c; pkt., 5c
- Mixed Colors.** Oz., 25c; pkt., 5c

**Canna. Indian Shot.** Dwarf Large Flowering French. Unquestionably the finest of bedding plants for the American climate and easily grown from seed. Soak the seeds in warm water until they show evidence of swelling, then sow in sandy loam and place in a hot-bed. When up to the second leaf pot off singly and keep under glass until the proper season for planting it. A mixture of many varieties. Oz., 25c; pkt., 10c.

**Canterbury Bells.** See Hardy Perennials page 60.

**Carnation.** Carnations are general favorites for their spicy fragrance and richness of colors. The Marguerite and Chabaud types are the best for summer flowering.

**Everblooming Chabaud Carnations.** A new strain raised by M. Chabaud the Carnation specialist of France. The plants are of even height as if trimmed, the stalks are very stiff, the flower is very large, double and deliciously sweet and has the largest and most charming color variation. These usually bloom in five months from the time the seedlings are out.

**Fine Mixed.** 3 pkts., 25c; pkt., 10c.

**Marguerite Carnations.** This new class of Carnations blooms in about five months after sowing the seed. The flowers are of brilliant colors, ranging through many beautiful shades of red, pink, white, variegated, etc., exquisitely sweet and fully

eighty per cent perfectly double. The plants succeed alike in the open garden or in pots. Seeds sown early in the year will give an abundance of flowers in July. Sown in May and kept pinched back, plants will bloom late in the fall until checked by hard frosts. Being half hardy perennials, a slight protection of coarse straw will preserve them during winter and they will flower profusely early the following summer.

- Deep Crimson.** Pkt., 10c
  - Sulphur Yellow.** " 10c
  - Bright Rose.** " 10c
  - Fiery Scarlet.** Pkt., 10c
  - Striped.** " 10c
  - Pure White.** " 10c
- Collection of one packet each of the above colors, 50c. Mixture of all colors Marguerite Carnations, 1/2 oz., 40c; pkt., 5c.

**Giant Marguerite Carnations.** An improved strain producing flowers of immense size, frequently measuring 2 1/2 to 3 inches across. Strong, vigorous growers and wonderfully free-flowering. **Mixed Colors.** 1/2 oz., 75c; pkt., 10c.

**Carnations Did Well.**

*I had some Marguerite Carnations from you last year and they did very well in the house. I sold quite a few for cut flowers.*

**Prettiest I Ever Saw.**

*The Pansies I bought of you last year were the prettiest I ever saw. I picked a large bouquet of Pansies on Thanksgiving Day.*

**Lovely Large Carnations.**

*When I send to you for seeds I know they will grow, and as I had such lovely large Carnations last year, several ladies wanted me to get them a package of seeds and I did. I had splendid luck with your premium packages last year.*

(MRS.) W. J. WALDORF, Mapleton, N. D.

**All Right.**

*Your seeds are all right. Have used them for several years and expect to do so this year. Your seeds gave excellent satisfaction, especially the Giant Fancy Pansies.*

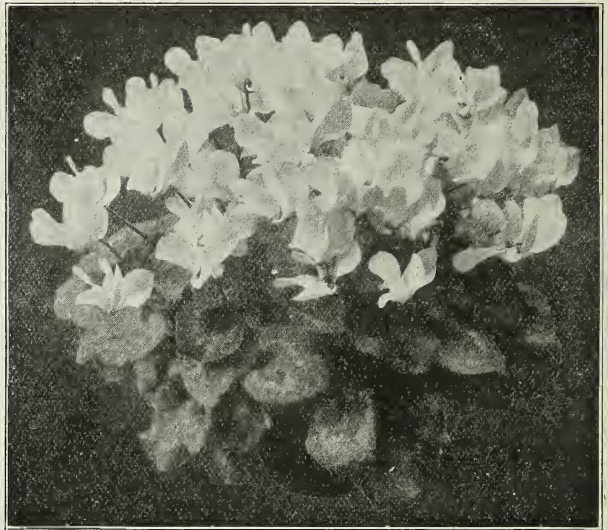
ROSS HUTSINPILLER, Oakes, N. D.

**Centrosema. Butterfly Pea.** A hardy vine of rare beauty, flowering in range in color from rosy-violet to a reddish-purple, with a broad feathery white marking through the centre; inverted pea-shaped; borne in great profusion. Pkt., 10c.

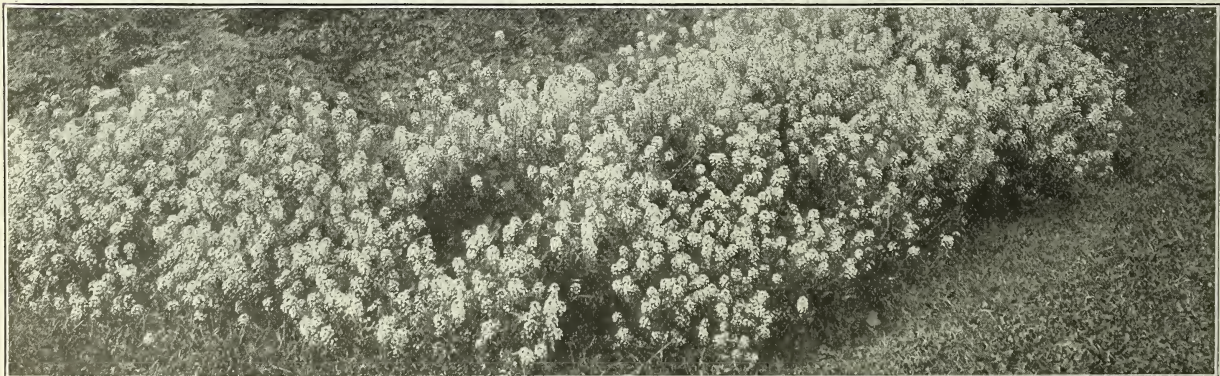
**Has Been a Delight.**

*Last year I wrote you that my Perfume Plants or Evening Scented Stock (*Matthiola Bicornis*) were a disappointment; that I could detect no perfume. That was because I failed to realize how purely an evening plant it was. You kindly sent me another package to try again. I did so and the result has been a delight this year; the plant being all you claimed; the whole yard being filled with the exquisite perfume. Seldom has an evening passed that I have not gone out in the yard to pick a few sprays of flowers for my room.*

(MRS.) S. M. BRECKENRIDGE, Cleveland, Ohio.



**Giant Flowered Cyclamen.** See Page 49.



Candytuft is an Excellent Annual for Bedding and Ribbon Borders, Remaining in Bloom Throughout the Summer.

**Celosia Cristata. Cockscomb.** Free blooming annuals, growing best in light soil not too rich. They make splendid border plants and are attractive for pots.

**Empress.** (Colossal size) They have been grown measuring 4 feet from tip to tip, color rich crimson. Pkt., 10c.

**Queen of the Dwarfs.** This is the best of the dwarf growing Cockscombs. The plants grow only 8 inches high with beautiful dark rose-colored combs, which frequently measure, under good cultivation, 2 feet across. Pkt., 10c.

**Variegata.** Variegated with crimson, orange, green, striped, etc., of the most brilliant hues. Three feet. Pkt., 5c.

**Celosia Plumosa. Feathered Cockscomb.**

These make fine plants for large beds or groups. The plumes or flowers can be cut or dried for winter bouquets.

**Thompson's Superb.** Of pyramidal growth, attaining a height of a little more than two feet and producing graceful, feathery plumes of the most brilliant crimson. In the sunlight the rich color of the flower spikes is beautifully contrasted with the bronze-colored foliage. Pkt., 10c.

**Golden Plume.** Bright golden-yellow plumes. Pkt., 10c.

**Plumosa, mixed.** Feathered. All colors. Pkt., 5c.

**Centaurea Imperialis. Sweet Sultan.**

This is without doubt the most beautiful of all the Centaureas. The beautiful sweet scented, artistic shaped flowers are borne on long, strong stems and when cut stand for days in good condition. The plant itself is much stronger than any other Sweet Sultan. It is of very easy culture. See also page 47.

**Alba.** Pure white. . . . . large pkt., 10c

**Arnica.** Pale lilac. . . . . " 10c

**Favorita.** Rosy lilac. . . . . " 10c

**Graziosa.** Purple. . . . . " 10c

**Splendens.** Purplish lilac. . . . . " 10c

Collection of one pkt., each of the above five varieties. . . . . 40c

**All Colors Mixed.** Large pkt. 10c; ¼ oz., 25c; oz., 75c.

**Chrysanthemum.** Annual varieties. These are showy and effective garden varieties extensively grown for cut flowers. The foliage is ornamental and finely cut. The single varieties grow 12 to 18 inches high and produce on long stems large flowers resembling the Daisy, but of many bright colorings in distinct bands or rings.

**Finest Mixed, Single.** Pkt., 5c. | **Double White.** . . . . . Pkt., 5c.

**Finest Mixed, Double.** Pkt., 5c. | **Double Golden Yellow.** Pkt., 5c.

See Hardy Perennials from Seed, page 61.

**Cineraria.** Magnificent and indispensable flowering plants for the conservatory or window garden. The flowers measure 2 to 3 inches across, are of white, blue, violet and crimson shades; usually two or more colors are shown in one flower.

**Double Large Flowering, mixed.** Pkt., 25c.

**Clarkia.** Bright and attractive annuals of easy culture. The long graceful sprays are valuable for table decoration. They thrive in sun or shade, growing 2 to 2½ feet high, with masses of double flowers, which all open in water when cut. Double varieties, all colors mixed; oz., 25c; pkt., 5c.



**Centaurea Imperialis. Sweet Sultan.**

**Cobaea Scandens. Cathedral Bells.**

One of the handsomest and most rapid growing of the annual climbers. Climbs thirty feet in a season. The flowers are bell-shaped. Very prolific and perfectly hardy. The vine is always clean of insects.

**White,** pkt., 10c; **Blue,** pkt., 10c; **Mixed,** pkt., 10c.

**Coccinea Indica. Scarlet-fruited Ivy-leaved.** An attractive annual climber of the gourd family. The leaves are smooth, glossy and ivy-like, contrasting beautifully with the fine snow white, bell-shaped flowers and brilliant scarlet fruit. Pkt., 10c.

**Coleus.** The most largely used perhaps of all bedding plants. These are easily grown from seed.

**Mixture of Fancy Fringed Coleus.** 2 pkts., 25c; single pkts., 15c.

**Mixed Coleus.** Tall growing plants of many bright colors. Pkt., 10c.

**Columbine.** See Hardy Perennials from Seed, page 60.

**Convolvulus.** See Morning Glory, page 53.

**Cosmos.** Grace and brilliancy are the characteristics of this pretty flower with its yellow heart encircled with broad, deep petals, growing on long stems which rise from a cloud of feathery foliage. The introduction of the early varieties now makes it possible to grow this highly prized plant in all parts of the country, but where earliness is desired care must be exercised to use the right variety. The varieties we offer are successfully grown year after year in Minnesota. The seed may be sown in the open ground in spring, when danger of frost is over. Sow in drills 18 inches apart or in clusters in beds. The seed may also be sown early in March indoors, transferring to the open ground in May.

**Dawn.** This variety comes into flower in July, growing from 4 to 5 feet high. The flowers are large, the color a beautiful white, relieved by a delicate tint of rose at the base of the petals. This variety originated in the northern part of New York State. Pkt., 10c.

**Mammoth Crimson.** . . . . . Pkt., 10c. **Mammoth Pure White.** . . . . . Pkt., 10c.

**Mammoth Light Pink.** . . . . . Pkt., 10c. **Mammoth Golden Yellow.** . . . . . Pkt., 10c.

**Woodside Early Cosmos.** The earliest flowering variety in cultivation, blooming fully two months in advance of any other strain known. Seeds sown in open ground, in early May, will produce blooming plants in July, and continue a mass of bloom until killed by frosts. It is the result of painstaking selection from a few plants, several years ago, which showed a decided tendency to earliness. This desirable trait is now so well established, that, instead of a few plants coming early,—as in all other so-called early varieties—the Woodside Early Cosmos is uniformly early, and will bloom in any part of the North. Its delicate fern-like foliage, and conspicuous crimson, pink and white flowers form a pleasing contrast. The plants grow about four feet tall and bloom freely where all others fail to show a bud, eliciting expressions of admiration from every true lover of flowers. For ornamenting the home or church, the cut blooms will be found most desirable, lasting a week or more if kept in water. The flowers are of good average size and are borne upon long stems, well above the foliage.

**Woodside Early Cosmos.** All colors, mixed. . . . . Pkt., 10c

**Woodside Early Cosmos.** Pink. . . . . Pkt., 15c

**Woodside Early Cosmos.** White. . . . . Pkt., 15c

**Cyclamen. Giant Flowered.** Charming plants with beautiful foliage and rich colored fragrant flowers. Considered by many to be the finest winter flowering plant we have. Seed may be sown spring or autumn. The culture of Cyclamen from seed is much more satisfactory than from bulbs. Mixed colors. Pkt. of 15 seeds, 15c.

**Cypress Vine.** One of the most popular vines with their delicate fern-like foliage and mass of beautiful star-shaped flowers. All colors, mixed, oz., 25c; pkt., 5c.

**Very Satisfactory.**  
I have used your seeds for some years and have always found them very satisfactory; especially some Asters I sent for last spring, which proved to be very beautiful.  
(MRS.) E. A. HOLTE,  
Strum, Wis.



**Woodside Early Cosmos.**

**Dahlia.** Dahlias can be grown easily from seed so as to produce flowers the first year. This is as true of double Dahlias as of single. In the Dahlia are combined more desirable qualities than are found in almost any flower grown in the open ground. It can be had in perfection from June until cut down by frosts. In it can be found not only every imaginable color except blue, but the most beautiful combination of colors and marvelous blending of shades and tints imaginable. As a cut flower the Dahlia is unsurpassed, owing to its great diversity of bloom and the brilliant luster of its colorings.

**Northrup, King & Co.'s Imperial**



**Mixed Dahlia.** (Sold only in sealed packages.) This mixture is intended to embrace seed of every desirable Dahlia procured from the most prominent Dahlia specialists of this and other countries, and blended by us. We freely predict the most gratifying results to those who sow this mixture. Full directions for culture (which is of the very easiest) sent with every packet. Pkt., 15c; 3 pkt., 35c.

**Twentieth Century or Orchid Flowered Dahlia.**

In size the flowers are giants, 4 1/2 to 7 inches across, and in color vary from almost pure white to deep crimson. These large single flowers are truly magnificent. Pkt., 15c.

**Double Cactus Dahlia.** This variety is very desirable; many colors. Pkt., 15c.

**Double Dahlia.** Very large flowering, show and fancy sorts; fine mixed. Pkt., 15c.

**Single Mixed Dahlia.** All colors. Pkt., 10c.

For Dahlia roots see page 66.

**Dahlia Seed the Best.**

We have been sending for your garden seeds for three years and all have been satisfactory with us. Think your Dahlias have proved the best that I ever tried to raise from seed.

(MRS.) JAMES TURNER, Mondovi, Wis.

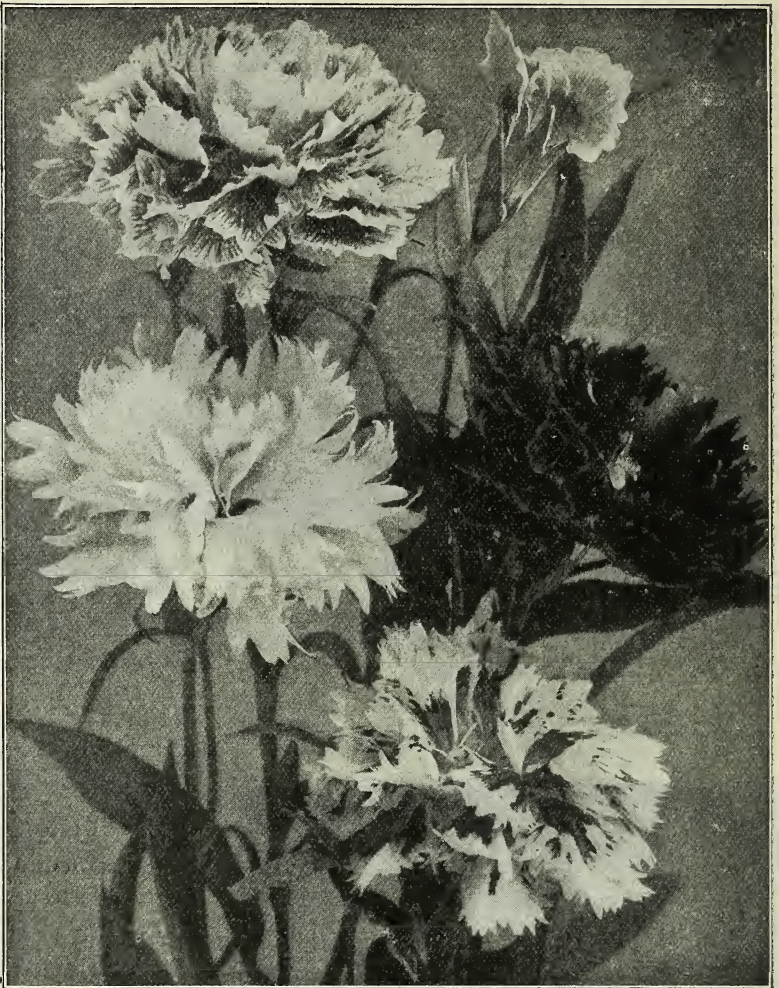
**Daisy, Shasta.** See pages 61 . . .

**Daisy, Double English.** See page 60.

**Datura. Angel's Trumpet.**

Showy, large, branching plants growing 5 to 6 feet high, bearing large trumpet-shaped flowers, 6 inches in length and very fragrant. Mixed seeds of all varieties, pkt., 5c.

**Delphinium.** Hardy Larkspur. See pages 61 and 74.



Dianthus or Pinks.

**Dianthus or Pinks.**

One of the most popular and magnificent flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom. The annual varieties may be sown out of doors when danger from frost is past, and in a few weeks time they are a mass of bloom, continuing so until frost. 1 foot.

**Double Annual Pinks, Mixed.** A fancy mixture of beautiful varieties. Oz., 6c; pkt., 5c.

**Single Annual Pinks, Mixed.** A beautiful mixture of all the single varieties. Oz., 50c; pkt., 5c.

**Hardy Garden Pinks, Fancy mixed.** Contains all the desirable colors. 1/2 oz., 50c; pkt., 15c. For plants see page 77.

**Dolichos. Hyacinth Bean.** A rapid growing and free-flowering annual climber. The seed pods which follow the flower are very ornamental for covering arbors, trellises, etc. After danger of frost is over, sow the seeds where they are to remain.

**Daylight.** Early becomes covered with spikes of snow white, pea-shaped blossoms, which continue until late in fall. 3 pkts. for 25c; pkt., 10c.

**Darkness.** Identical with "Daylight" except in color, which is a rich purple-violet. 3 pkts. for 25c; pkt., 10c.

**Lablab.** Mixed purple and white. Oz., 20c; pkt., 5c.

**Eryngium.** See Hardy Perennials page 61.

**Echinocystis. Wild Cucumber**

**Vine.** A well known vine, common in many sections, and the quickest climber known for covering verandas, old trees and houses, trellises, etc., never suffering from the heat but retaining its fresh and lively green color; never infested with insects, and very profuse in bloom. It will sow itself and come up in the same place. Pkt., 5c; oz., 20c.

**Foxglove.** See Digitalis page 61.

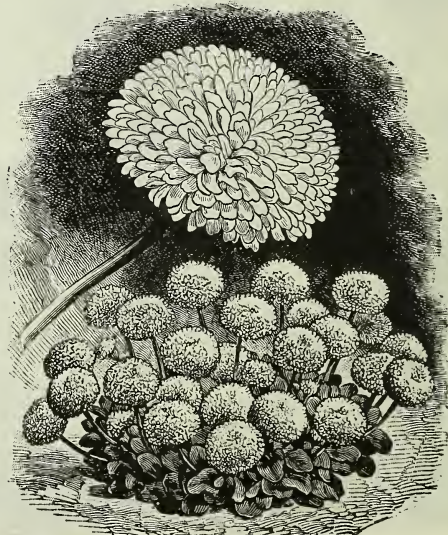
**Fuchsia. Double and Single Mixed.** Fuchsias are

as easily grown from seed as from cuttings, and from seed many new varieties are obtained. They will flower freely the first year in the open ground, while the plants can be taken in the house in the winter, where they will flower still more freely. Pkt., 20c; 3 pkt., 50c.

**Salpiglossis Very Showy.**

I never had finer Cauliflower than from your seed last year. The Salpiglossis—never had such a show—had a large bed and it was a long time before the frost hurt them and such a variety, two or three lovely ones in pots in house long after cold weather.

JOS. HYDE, Asquith, Sask., Canada.



Double English Daisy. See page 60.



NEW CLIMBING  
**DOLICHOS**  
(HYACINTH BEAN)  
**DAYLIGHT**



Gaillardia.

**Eschscholtzia. California Poppy.**

The California Poppy is a showy, free-flowering plant so popular with everyone as to scarcely need introduction. Particular attention is drawn to **Hunnemannia** often called Bush Eschscholtzia. This is a beautiful herbaceous perennial, which flowers freely the first year and bears a great abundance of brilliant yellow tulip-shaped flowers. Do not overlook this beautiful variety in placing your orders.

**Golden West.** Bright yellow with large rayed blotches of deep orange at base of petals. Oz., 25c; pkt., 5c.

**Hunnemannia Bush.** **Eschscholtzia.** (See remarks under general head.) Mixed, oz., 50c; pkt., 10c.

**Mandarin.** Inner side of the petals rich orange, outer side brilliant scarlet. Oz., 30c; pkt., 5c.

**Rose Cardinal.** Large flowers of intense carmine. Oz., 40c; pkt., 10c.

**All Colors, Mixed.** Oz., 25c; pkt., 5c.

**Forget-Me-Not. Myosotis.**

See Hardy Perennials from Seed page 62.

**Gaillardia. Blanket Flower.**

Remarkable for the profusion, size and brilliancy of their flowers, continuing in bloom from early summer until November. Excellent for borders or for cutting.

**Ficta Lorenziana.** A charming, profuse double flowering strain. Beautiful mixed colors; 1/2 oz., 20c; pkt., 5c.

**All Annual Varieties. Mixed.** Oz., 30c; pkt., 5c.

**Perennial Varieties.** See page 61.



Eschscholtzia. California Poppy.

**Geranium.** Comparatively few are aware that Geraniums may be grown easily from seed and flower the first season if sown early. This is the best way to secure Geraniums as they will frequently reward the cultivator with charming new varieties. In fact, propagation by seed is the only way to obtain new varieties.

**Zonale, Mixed.** A superb strain of the largest and finest varieties. Pkt., 10c.

**Pelargonium, Mixed.** (Lady Washington.) Saved from the finest fancy and spotted large-flowering sorts. Pkt., 25c.

**Globe Amaranth, Gomphrena.** A dwarf hardy annual, with pretty clover-like head of purple, white and red flowers. 12 inches. Flowers can be dried and used in winter bouquets. Finest mixed, reddish-purple, and white. Each, oz., 25c; pkt., 5c.

**Gloxinia.** The Gloxinia is one of the most beautiful flowers, very few possessing the depth of color peculiar to this superb genus.

**Hybrida Grandiflora.** An unsurpassed strain, containing the spotted Hybrids as well as the finest self-colored sorts. Pkt., 25c.

**Godetia.** An attractive, hardy annual deserving more extensive cultivation. The plants bloom profusely and bear showy flowers of rich and varied colors, 1 foot. All Colors, Mixed. Oz., 30c; pkt., 5c.

**Golden Rod.** See Hardy Perennials page 61.



Helianthus Cucumerifolius.

**Gourds. Ornamental.** Mixed Varieties Oz., 15c; pkt., 10c. See page 19.

**Grasses. Ornamental.** For large beds or groups on lawns, nothing gives a finer effect. 12 Varieties, Mixed. Pkt., 10c.

**Gypsophila. Bridal Veil. Baby's Breath.**

**Elegans alba grandiflora.** Beautiful free-flowering plant, hardy annual of easy culture. Pure white, flowering in panicles; very useful in making up bouquets. Successive sowings should be made in early summer for a constant supply. Pkt., 5c. See page 61 for perennial variety.

**Helianthus. Sunflower.** Hardy annuals, of stately growth, remarkable for the size and brilliancy of their flowers. Very useful as cut flowers. Effective in forming background of large beds or borders and for distant effect.

**Chrysanthemum Flowered.** Perfectly double; the color is the brightest golden yellow. The flowers are so perfect in form that they resemble very much double Chrysanthemum-flowered Asters with long stems; grows seven feet high and bears profusely all summer long. Pkt., 5c.

**Cucumerifolius. MINIATURE SUNFLOWER.** Single, rich golden yellow, with black centre. An abundant bloomer, of branching habit, coming into flower in July and continuing until frost. 4 feet. Pkt., 5c.

**Giant Russian.** Immense single flowers, yellow with large black centre. 6 feet. Pkt., 5c.

**Orion.** Very effective sort, particularly on account of its twisted petals, which resemble a Cactus Dahlia. Pkt., 10c.

**Perkeo.** This is a beautiful dwarf variety of the miniature Sunflower. The plants form compact bushes about 12 inches high and about 15 inches through. Very useful for the front of borders or beds of plants of medium height. Flowers continually from early July until cut down by killing frost. Single; charming golden yellow, with black center. Pkt., 10c. **Cut and Come Again Sunflowers;** Single and Double in a beautiful mixture of all varieties. You will be delighted with these; flowering as they do from June until killing frost. Indispensable as cut flowers and also very popular for garden decoration. Oz., 25c; pkt., 10c. See page 63 for perennial Sunflowers.

**Honesty.** See page 62. Perfectly Beautiful.

*Last spring I purchased from you an assortment of seeds, both vegetable and flower, and I am happy to say that they did splendidly, especially my Poppies, which are perfectly beautiful.*  
(MISS) MARY DESMOND,  
Grant, Mont.



Lupins. See Page 52.

**Helenium.** See Hardy Perennials from Seed page 61.

**Heliotrope.** Is a universal favorite on account of its delightful fragrance and long duration of bloom, flowering equally well as bedding plants in summer or as pot plants in the house in the winter. It is not generally known that Heliotrope may be raised from seed as easily as the Verbena. The best varieties in mixture at 15c a pkt; 2 pkts. for 25c.

**Hibiscus.** See Hardy Perennials from Seed page 61.

**Hollyhock.** See Hardy Perennials from Seed page 62.

**Humulus Japonicus. Japanese Hop.** One of the most rapid climbers grown; seed can be sown in the open ground in the spring and it will attain enormous dimensions very quickly. The foliage is luxuriant, and it is one of the best plants for covering verandas and trellises. Heat, drought and insects do not trouble it. Pkt., 10c.

**Hunnemania.** Giant Yellow Tulip Poppy or Bush Eschscholtzia. Flowers are a rich shade of buttercup yellow, with feathery glaucous foliage. The best of the Poppy family for cut flowers, remaining in condition for several days. Seeds sown in May will produce flowering plants in July, which blossom continuously until hard frost. Pkt., 10c; ¼ oz., 20c; oz., 50c.

**Kochia. Summer Cypress or Mexican Fire Bush.** An easily grown annual, which sown thinly in spring soon forms a cypress-like hedge of lively green and of perfect symmetry; it attains a height of about 3 feet, and on the approach of autumn the whole plant becomes a deep red; a splendid plant to divide the vegetable from the flower garden, or for forming a hedge for the summer for any purpose. Pkt., 10c.

**Lantana.** Well known bedding plants, with clusters of Verbena-like flowers, producing pink, yellow, orange and white heads in great abundance. They have an agreeable aromatic perfume. Mixed. Pkt., 5c.

**Larkspurs.** This is one of the best known garden flowers. A vast improvement has been effected, by careful selection and attentive cultivation, in size and color of the blossoms and the general habit of the plant. Hardy annuals. (For Perennial Larkspurs see Delphinium page 61.)

Dark Blue.....Pkt. 10c. Sky Blue.....Pkt., 10c.  
Shell Pink..... 10c. Pure White..... 10c.  
A packet each of the four colors, 30c. Finest Mixed, All colors, pkt., 5c.

**Lathyrus.** See Hardy Perennials from Seed page 62.

**Lavatera. Annual Mallow.**

*Trimestris grandiflora rosea.* A very beautiful and showy annual, growing about 2 feet high and covered during the entire summer with large, cup-shaped shrimp-pink flowers; in a border or bed the effect is very bright. Sow in May where they are to bloom and thin out to 12 inches apart. Pkt., 5c.

**Lavender.** See Hardy Perennials from Seed page 62.

**Liatris.** See Hardy Perennials from Seed page 62.

**Linaria.** See Hardy Perennials from Seed page 62.

**Linum. Crimson Flax.** One of the most effective and showy bedding plants. Flowers brilliant scarlet. Pkt., 5c.

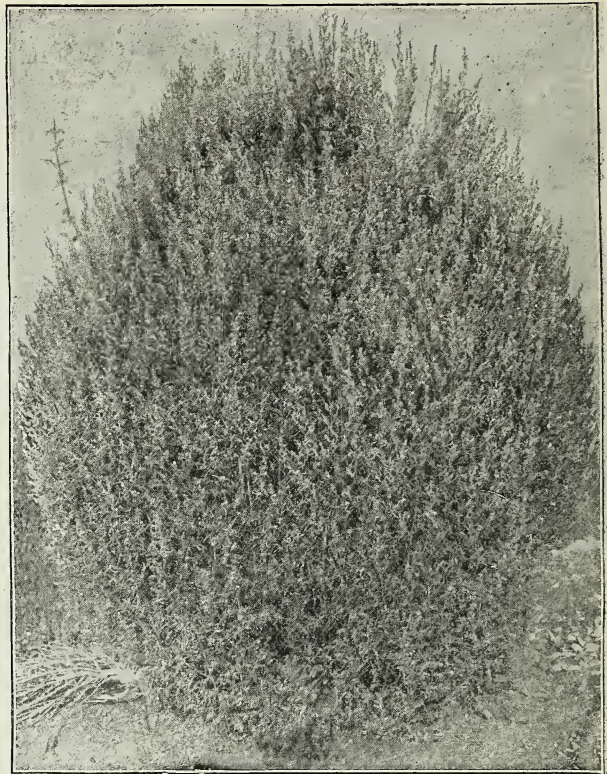
**Linum perenne.** See Hardy Perennials from Seed page 62.

**Lobelia.** See Hardy Perennials from Seed page 62.

**Lupins.** Annual Mixed. Very desirable garden plants, showy and excellent for cutting. Graceful spikes, 2 feet long, in various shades of white, blue, pink and yellow. Oz., 20c; pkt., 5c. See Hardy Perennials from Seed page 61. See also, illustration on page 51.

**Lychnis.** See Hardy Perennials from Seed page 62.

**Lythrum.** See Hardy Perennials from Seed page 62.



Kochia. Summer Cypress or Mexican Fire Bush.

**Marigolds.** Well known garden favorites of quick growth and very free-flowering habit. Seed should be sown in shallow drills in the open garden early in the spring after danger of frost is over and the trees are well out in leaf. Plants for early blooming may be started from seed sown in boxes, placed in a sunny window in March, and the young plants grown in pots until the weather is warm enough to set them outdoors.

**French Marigolds.** These are dwarf, compact plants, very attractive, each being covered with hundreds of small bright flowers. Mixed—embraces all the best varieties, including Gold Striped, Legion of Honor, etc. Oz., 30c; pkt., 5c.

**African Marigolds.** Plants grow 2½ feet high and produce large double flowers 2½ to 3 inches in diameter of glowing colors, in great profusion. Mixed; includes Eldorado, Gold Nugget, Lemon Queen, Orange Prince, etc. Oz., 30c; pkt., 5c.

**Marvel of Peru. Four O'Clocks.** A well known handsome, free-flowering garden favorite; does well everywhere, fine mixed colors; 2 feet. Oz., 15c; pkt., 5c.

**Matthiola Bicornis. Evening Scented Stock.** No annual in cultivation equals this in delicate perfume of its flowers. The pink and lilac blossoms partly close during the day, but expand and impart their fragrance in the evening. Include a packet of two of Evening Scented Stock with your order. You'll not regret it. Oz., 25c; pkt., 10c.

**Matricaria Eximia. Feverfew.** The plant is covered with numerous and freely branching flower stems which are literally covered with very double pure white flowers, 1 inch in diameter. Pkt., 5c.

**Maurandia.** Beautiful, rapid climbers, blooming profusely until late in autumn; also fine for conservatory or greenhouse; if desired for the house, take up before the approach of frost. Half hardy perennial, flowering the first season if sown early; 10 ft. Mixed colors. Pkt., 10c.

**Mignonette. Reseda.** A well-known fragrant favorite, and no garden is complete without a bed of Mignonette. Sowing made in April and again in July will keep up a succession from early summer till frost.

**Sweet Scented. Reseda Odorata.** The old-fashioned variety with small spikes, but the most sweetly scented of all. Oz., 15c; pkt., 5c.

**Golden Machel.** Distinct variety of Machel, differing from the type by its massive spikes of golden yellow blossoms. Pkt., 10c.

**Mile's Hybrid Spiral.** Of strong branching habit, with spikes from 8 to 10 inches long; very fragrant. Oz., 25c; pkt., 5c.

**Improved Red Victoria.** Fine spikes of brilliant red. A most useful and desirable variety. Pkt., 5c.

**Large-Flowering Pyramidal.** Flowers large, of a reddish tint; a good variety for the open ground. Oz., 25c; pkt., 5c.

**Machel.** Adapted for pot culture; dwarf pyramidal growth, bearing numerous flower stalks; highly colored and very fragrant. Oz., 75c; ¼ oz., 25c; pkt., 10c.

**Parson's White.** Large spikes, pure white, very fragrant. Oz., 40c; pkt., 5c.

**Salmon Queen.** Strong, robust habit, with fine spikes, of bright salmon-red flowers, intensely fragrant; fine for outdoor culture. Oz., 50c; pkt., 10c.

**Mimulus.** See Hardy Perennials from Seed page 62.

**Monarda didyma.** See Hardy Perennials page 62.



Mignonette.

**Minneapolis Vine. Pilygyne Suavis.**

We are glad to be able to offer seed of this beautiful climber, the plants of which we have for years sold, to the delight of thousands who have bought them. The foliage is most elegantly cut and of a shiny dark green. The flowers are small, white and sweet-scented, exhaling a musk-like perfume. This vine is of easy culture, rapid growth, and especially adapted for covering trellises. This is the most beautiful vine of which we have knowledge. Pkt., 15c; 2 pkt., 25c.

**Morning Glory. Convolvulus.**

One of the most free-flowering and rapid-growing climbers, thriving in almost any situation. The flowers are very delicate, brilliant and beautiful.

**Japanese Improved or Giant Mikado Morning Glory.** The flowers are of gigantic size, and the colorings and markings beyond description, ranging from snow-white to black purple, with all the possible intermediate shades, such as pink, rose, fiery red, copper red, carmine, crimson, pale blue, deep blue, royal purple, maroon, indigo, bronze, slate, brown, cherry and ash gray. Others are edged with white, having throats of one of the above colors; there is also an endless number having flowers spotted, marbled, striped, flaked and splashed. They are beyond question the largest and most beautiful of this handsome family of easy grown climbers and are the Orient's best gift to flower lovers. Wherever climbers can be grown, our New Giant Mikado Strain should have a prominent place. The seed we offer is of our own importation direct from Japan, and embraces plain singles (which are really the handsomest), semi-doubles, quilled and frilled, crimped and scalloped, and double. Oz., 25c; pkt., 10c.

**Tall Morning Glories Mixed.** A great variety of colors of the old-fashioned, popular, rapid growing climber. Oz., 15c; pkt., 5c.

**Double Flowering Morning Glories.** A very large percentage of the seedlings will produce double flowers. Oz., 40c; pkt., 10c.

**Dwarf Morning Glories Mixed.** Hardy annual, 1 foot in height. Colors range from pure white to deep purple. Oz., 15c; pkt., 5c.

**Moonflower.** Bears lovely white flowers 5 to 6 inches in diameter, with a fine painted star in the center. The flowers open at dusk, or earlier on cloudy days, at which time they are deliciously fragrant. Start the seed in the house and set out as early as safe in the spring. Pkt., 10c.

**Mountain Rose.** One of the most beautiful, as well as one of the rarest hardy climbers. It is absolutely hardy, and, once planted, is practically everlasting. Produces immense clusters, of deep carmine flowers with deep green foliage freely furnished with long tendrils that attach themselves firmly to stone, brick or wood walls. Pkt., 10c.

**Myosotis. Forget-Me-Not.** See Perennials page 62.

**Nicotiana Affinis. Tuberosc-flowered Tobacco.** Delightfully sweet-scented, pure white tubular flowers, blooming continually; annuals, 2 to 3 feet. Pkt., 5c.

**Nicotiana Sanderae. Carmine Tuberosc-flowered Tobacco.** This beautiful hybrid Nicotiana was raised in England and exhibited the past season at the Temple show and elsewhere, and in every case has been spoken of as the most strikingly beautiful plants of the year. The originators describe it as forming bushy, much-branched plants 2 feet high, the whole plant laden with flowers from base to summit—literally ablaze with handsome carmine-red, fragrant blossoms, thousands of which are produced on a single plant. In form the flower resembles Nicotiana Affinis, but having a short, stout tube, and, unlike that variety, does not close up in the daytime, but remains open all day; the fragrance, while not so powerful as Nicotiana Affinis, is decidedly delicious. It is as easy to grow as Petunia. If started indoors in early spring and planted out in May it gives a continuous display of blooms all summer and autumn. It can also be sown in the open ground when the weather becomes warm. Pkt., 15c.

**Nicotiana Sanderae Hybrids.** A splendid type in color. All colors mixed; pkt., 15c.

**Nigella Damascena. Love in a Mist, or Devil in the Bush.** A compact, free-flowering plant, with finely cut foliage, curious-looking flowers and seed pods; of easy culture growing in any garden soil; hardy annuals; blue and mixed; 1 foot. Oz., 25c; pkt., 5c.

**Nemophila.** Splendid free-flowering hardy annuals, of very neat, compact habit. Flowers are cup-shaped, appearing in many brilliant colors, the blue shades being particularly striking. Blossom continuously throughout the summer, thriving best in a cool, or moist, shady place, where the soil is not too rich. All colors mixed, with many shades of blue. Oz., 25c; pkt., 5c.



Nicotiana Affinis.



Japanese Improved Morning Glory.

**Enothera. Evening Primrose.** Beautiful, low-growing plant, producing large, silvery-white, rose and yellow flowers. They thrive best in a sunny position, but succeed in almost any situation or soil. Annual varieties; all colors mixed. Pkt., 5c.

**Awarded Forty-Seven Premiums.**

*I have used your seeds for many years and they have proved very satisfactory indeed. You will be pleased to learn that I secured the first prize for general farm exhibit at the South Dakota State Fair this season and was also awarded 47 premiums, the most of them on vegetables, the product of your seeds. I had frequent inquiries from other gardeners as to where I purchased my seeds and had no hesitation whatever in giving them your name, believing that they will be equally as well satisfied as I am, if they purchase their seeds from you. Yours very truly,*

A. J. GLIDDEN,  
Hitchcock, S. D.

**Oxalis.** Beautiful, small plants, suitable for the greenhouse, rock-work, or outdoor culture; flowering the first year; half-hardy perennials; 9 in.

**Alpha.** White. Pkt., 10c.  
**Rosea.** Rose-colored. Pkt., 10c.

**Tropaeoloides.** Excellent, dwarf bedding plant with dark brown foliage, forming a dense mat; flowers deep yellow but inconspicuous. Height 4 inches. Pkt., 5c.

**Liberal Packets.**  
*I have used your seeds for the past 3 years and they have given satisfaction in every case. Your Sweet Peas are the finest I ever saw, and you give more seed in a pkt. than any other firm I ever dealt with.*  
(MRS.) IDA GAMBLE,  
Leon, Wis.



Oxalis.

# NASTURTIUM

It is our intention that every package of seed, large or small, that bears the name of Sterling, shall be the best that money can procure anywhere at any price. Our mixtures of Dwarf and Tall Nasturtiums are shining examples of Sterling excellence as applied to flower seeds. These mixtures are made up by ourselves from the finest named varieties grown by the leading specialists of England, France, Italy, Germany and America. They embrace every desirable color, such as deep brown, red, golden, orange, flaming scarlet, chrome-yellow veined with carmine, burnished bronze color, crimson-scarlet, sulphury-yellow, spotted deep chocolate, light straw, delicate shades of rose and many other colors, tints and markings.

Our Sterling Mixture of Tall Nasturtiums should not be confounded with the common type, as the varieties in this mixture are mostly of the rich and velvety Lobb varieties. In this mixture are also included all the choicest colors of the climbing varieties, including the new Madam Gunther Hybrids and Chameleon sorts. The color combinations in the flowers are superb, a wealth of rich maroon, crimson, scarlet, magenta and claret shades, marbled and mottled, streaked, spotted and splashed with white, cream, pink and rose. These climbing Nasturtiums are especially adapted for covering verandas, trellises, trees, stumps, etc.

**Our Guarantee:**—We are confident that these Sterling Mixtures of Dwarf and Tall Nasturtiums will prove so satisfactory to everyone, that we will, at once and without question, refund the money paid us for the above named Nasturtiums ordered from this catalog, to any purchaser who will write us prior to September 1st, 1910, who will say that they did not in every way prove entirely satisfactory.

In considering the price of these Nasturtiums it should be borne in mind that these mixtures include every rare and fine variety that we have been able to find. These mixtures are made up regardless of expense and solely with the aim of making them the finest mixtures of Nasturtiums procurable anywhere.



**Northrup, King & Co.'s Sterling Mixture of Dwarf Nasturtiums.** (Sold only in sealed packages.) Pkt., 10c; oz., 20c; ¼ lb., 60c;

1 lb., \$2.00, postpaid.  
**Dwarf Nasturtium. Choice Mixed.** Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25, postpaid.  
**Dwarf Nasturtium. Good Mixed.** Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c, postpaid.



**Northrup, King & Co.'s Sterling Mixture of Tall or Climbing Nasturtiums.** (Sold only in sealed packages.) Pkt., 10c; oz., 20c; ¼ lb., 60c; 1 lb., \$2.00, postpaid.

**Tall or Climbing Nasturtium. Choice Mixed.** Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25, postpaid.  
**Tall or Climbing Nasturtium. Good Mixed.** Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c, postpaid.

**Never Had a Poor Seed.**

*It is about twelve years since first I used your seeds, both flower and vegetable. They have proved satisfactory in quality and quantity. Have never had a poor seed from your house. (MRS.) I.D. M. GATES, Clear Lake, Iowa.*

**They Are a Sure Thing.**

*Have used your seeds for nine years, and would plant no other, especially in this semi-arid section. Always have vegetables to sell over and above what we use on the ranch and can attribute it to the fact that we use Northrup, King & Co.'s Northern Grown Seeds. They are a sure thing. FRANK WATERS, Bteketon, Wash.*

## Tom Thumb, Dwarf or Bedding Nasturtiums.

- Price; any of the following varieties:**  
 Pkt., 5c; oz., 15c; ¼ lb., 40c, postpaid.  
 Aurora. Primrose, veined carmine-pink.....  
 Beauty. Yellow, with scarlet veinings.....  
 Bronze. Bronzy-orange.....  
 Chameleon. Various colors on one plant.....  
 Cloth of Gold. Scarlet flowers and yellow foliage  
 Crystal Palace Gem. Sulphur, maroon blotches  
 Dark Leaved Varieties, mixed.....  
 Empress of India. Fiery crimson, dark foliage  
 King of Tom Thumbs. Dark scarlet, dark leaves  
 King Theodore. Deep crimson, shaded maroon.  
 Lady Bird. Orange-yellow, suffused with red and  
 a bright red blotch at the base of the petals.....  
 Pearl. Creamy-white.....  
 Regelianum. Deep purplish-crimson.....  
 Rose. Soft rose color.....  
 Ruby King. Crimson-rose.....  
 Spotted. Rich orange, spotted crimson.....  
 Spotted Varieties. Deep crimson, shaded maroon.  
 Vesuvius. Salmon-rose, dark foliage.....

**Sterling Brand O. K.**

*I have been a customer of Northrup, King & Co.'s seeds for the last twenty years and find their Sterling Brand O. K. for North Dakota and recommend them to my neighbors.*  
 HORACE P. MIX, Lidgerwood, N. D.



For ease of culture, duration of bloom, brilliancy of coloring and general excellence nothing excels Nasturtiums. All they need is a moderately good soil in a well-drained, sunny position, and from within a few weeks from the time they are sown until hard frost comes there is an endless profusion of their gorgeous blossoms. No annual will produce such a lavish profusion of flowers for so long a time, with the same small outlay of time and labor. The maximum of bloom is produced in light or sandy soils and seldom diminishes through the hot weather. The varieties offered below were selected from a very large number of sorts as being the best and most distinct.

**Would Not Do Without Them**

*I think your seeds are the best I ever raised. I have been using your seeds for seven years and would not do without them. I tell all my friends they would have better gardens if they used your seeds. (MRS.) GERTIE BLACK, Elmore, Minn.*

**My Garden Proves a Success.**

*As long as your garden seeds prove as satisfactory as they do now I shall continue to order from you. My garden proves a success where older gardeners have failure of crops, which is undoubtedly caused by the seeds (MRS.) NELSON WYCKOFF, Troy, Mont.*

## Lobb's Climbing Nasturtiums.

These should not be confounded with the common tall Nasturtiums, as they surpass them by far in the remarkable brilliancy of the flowers. The flowers are much larger than those of the old-fashioned kind, and in nearly all of them the petals overlap each other. These climbing Nasturtiums are especially adapted for covering verandas, trellises, etc., and particularly suitable for vases, hanging baskets, window boxes and rockeries, where a drooping effect is wanted. **Finest mixed colors.** Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25, postpaid.

**Price; any of the following varieties:**  
 Pkt., 5c; oz., 15c.

- Asa Gray. Primrose yellow, almost white.....
- Atropurpureum. Deep crimson.....
- Brilliant. Dark scarlet.....
- Crown Prince of Prussia. Deep blood-red.....
- Giant of Battles. Sulphur, blotched-red.....
- Ivy-Leaved. Fine deep blue-green, ivy-like foliage and dark blood-red fringed flowers.....
- Lilac. A very odd shade of brownish-lilac.....
- Princess Victoria Louise. Creamy-white, with conspicuous orange-scarlet blotches.....
- Regina. Brilliant salmon-red on opening, changing as they age to almost a cream color.....
- Roi Des Noirs. (King of the Blacks) Deep velvety garnet; very rich.....
- Spiffire. Brilliant scarlet.....

## Tall or Climbing Nasturtium.

Elegant and luxuriant climbers for verandas, trellises, etc. May be used to cover unsightly railings and to trail over rough ground with fine effect. The seed pods can be gathered while green and tender for pickling, 6 to 10 feet.

**Price; any of the following varieties:**  
 Pkt., 5c; oz., 15c; ¼ lb., 40c, postpaid.

- Chameleon. Various richly colored flowers on the same plant.....
- Crimson. Rich and velvety.....
- Chocolate. Very odd and unique shade.....
- King Theodore. Deep maroon, dark foliage.....
- Lemon Yellow. Clear yellow with few red veins
- Lilac. Heliotrope-lilac.....
- Orange. Pure orange.....
- Pearl. Creamy-white.....
- Purple. Rich purplish-crimson.....
- Rose. Ruby rose.....
- Scarlet. Brilliant shade of vermilion.....
- Scarlet and Gold. Flowers scarlet; foliage yellow
- Vesuvius. Lovely salmon-pink.....
- Ivy-leaved. Very useful for hanging baskets and vases. A beautiful sort with deep green ivy-like foliage, which forms a striking contrast to the crimson-scarlet flowers. Pkt., 10c; oz., 25c.

**Never Had a Failure.**  
*I have always found your seeds good, never had a failure. (MRS.) H. LASHA, Red Lake Falls, Minn.*



# PANSY

For spring plants the seed may be sown broadcast from July to September. Cover the seed very lightly with fine soil and press in with a board; then mulch the seed bed with long, loose, strawy manure, to a depth of 3 or 4 inches. The seed will be up in about 10 to 15 days; then remove the straw a little at a time. Transplant the seedlings to beds or frames in September or October and after a sharp frost, late in November or early December, provide a light or loose mulch of hay, straw or litter. The seed may also be sown indoors in January or February; or in spring in the open ground, in a shady, cool spot, where the plant can be protected from the strong mid-day sun. The soil should be very rich and liberal applications of bone meal should be given from time to time.

## Northrup, King & Co.'s Imperial German.

(Sold only in sealed packages.) A mixture of Pansies, unrivalled for diversity of coloring and marking. This mixture is made up from over 100 of the finest named varieties grown by Pansy specialists of the Old and New World. In making up this mixture, expense is not regarded. Our aim is to possess the finest mixture of Pansies obtainable. We have never seen it equal. The diversity of coloring and marking is almost beyond belief. We will cheerfully return money paid for this mixture to any one who says it is not the finest they ever saw. Pkt. containing 100 seeds, 15c; 600 seeds, 40c; 1,000 seeds, 60c.

## Northrup, King & Co.'s Giant Fancy.

(Sold only in sealed packages.) While all the Pansies in our Imperial Mixture are large, we do not include in its make-up many of the giant sorts, for, as a rule, many of our customers prefer to buy them separately. Great improvement has taken place within the last two or three years, however, in the character of the largest Pansies. Our Giant Fancy is the finest mixture of the large varieties. Pkt., 10c; 100 seeds, 15c; 600 seeds, 35c.

**Masterpiece.** A remarkable type, the border of each petal being conspicuously curled or waved, giving the flower a doubled or globular appearance. All colors mixed. Pkt., 15c.

**Bugnot's Superb Blotched.** A beautiful class, with extra large flowers in great diversity of colors. Pkt., 15c.

**English Finest Mixed.** ..... ¼ oz., 50c; pkt., 10c

**Good Mixed.** All colors. .... ¼ oz., 50c; pkt., 5c

## Pansies in Separate Colors.

- |   |     |
|---|-----|
| <b>Cardinal.</b> After exhaustive trials of all so-called scarlet Pansies, we offer this as the nearest approach to a bright red. Very showy. ....                | 10c |
| <b>Madam Perrett.</b> Flowers large and abundant, great diversity of color  | 15c |
| <b>Emperor William.</b> Brilliant ultramarine blue, with a purple-violet eye  | 10c |
| <b>Faust (King of the Blacks).</b> Almost black; the darkest Pansy known. ....  | 10c |
| <b>Gold Margined.</b> .....   | 10c |
| <b>Golden Yellow.</b> with dark eye. ....   | 10c |
| <b>Light Blue.</b> Azure blue with dark eye. ....   | 10c |
| <b>Lord Beaconsfield.</b> Deep purple violet, petals shaded to white. ....  | 10c |
| <b>Mahogany Colored.</b> .....  | 10c |
| <b>Peacock.</b> A striking variety; the upper petals being of a beautiful ultramarine blue, while the lateral and lower are of a deep claret, with white margins. | 10c |
| <b>Psyche.</b> Exquisite velvety-violet blotches relieved by broad margin of white  | 10c |
| <b>Snow Queen.</b> Very large, satiny white, light yellow center. ....  | 10c |
| <b>White,</b> with dark eye. ....   | 10c |
| <b>Yellow Gem.</b> Pure yellow without eye. ....  | 10c |

### Great Vitality.

I bought from you about ¼ oz. of Lord Beaconsfield Pansy. From one-third of the seed I raised 5000 plants. I never saw anything to equal it. It seemed as tho two plants came from every seed.

F. G. LEMKE, New Brighton, Minn.



Petunia, Giants of California.



Excellent.

Have been using your seeds for two years. The Asters and Pansies were excellent.  
(MRS. J. A. ANDERSON,  
Valley City, N. D.)

Type of Northrup, King & Co.'s Imperial German Pansy.

## Giant Trimardeau Pansies.

The largest flowering of all; of strong, robust growth and well adapted to the trying conditions of our climate.

- |   |     |
|---|-----|
| <b>Black.</b> Dark and velvety. ....  | 10c |
| <b>Striped.</b> Very showy. ....  | 10c |
| <b>White,</b> with dark eye. ....   | 10c |
| <b>Yellow,</b> with dark eye. ....  | 10c |
| <b>Emperor William.</b> Ultramarine blue. ....  | 10c |
| <b>Fire King.</b> Purple and gold. ....   | 10c |
| <b>Finest Mixed.</b> A splendid range of colors. Oz., \$2.50; ¼ oz., 75c; ½ oz., 40c; 10c |     |
| <b>Collection</b> containing a packet each of the above six fine colors. ....             | 40c |

## Violas or Tufted Pansies.

Very free-blooming, hardy plant, particularly adapted to shady places. The flowers are not so large as the other varieties of Pansies offered above, but they blossom much more freely and for a longer time. Very effective in masses or borders; the colors being remarkably clear and distinct, and of great diversity. Seeds sown in April produce flowering plants in June which are a sheet of bloom from then on until frost.

- |  |                                    |
|--|------------------------------------|
| <b>Finest Mixed Colors.</b> ¼ oz., 50c; pkt., 10c. | <b>Maive Queen.</b> .... Pkt., 10c |
| <b>Blue Perfection.</b> Deep purplish blue. ....   | Pkt., 10c                          |
| <b>White Perfection.</b> Pure white. ....          | Pkt., 10c                          |

**Pentstemon.** See page 62. **Physostegia.** See page 62.

# PETUNIA

The Petunia is without a peer among annuals for effective summer bedding or indoor culture. They are of easy culture, early to blossom and continue thru the summer until the first killing frost. No other flower produces a greater diversity of color, retaining their freshness for so long a period. The doubles may be perpetuated, if desired, by taking cuttings late in the summer, for winter house blooming plants. Provide good soil and a sunny location.

## Northrup, King & Co.'s Extra Large Flowering.

(Sold only in sealed packages.) Mixed. This mixture embodies all of the latest varieties, and will prove an agreeable surprise even to those who expect much. All odd and notable kinds, black, crimson, white with yellow throats, marbled veined, striped, variegated, etc. Pkt., 15c.

## Northrup, King & Co.'s New Fancy Fringed Double Mixed.

(Sold only in sealed packages.) It is well known that the best strain of hybridized Petunia produces but a small percentage of double flowers, the balance being single of exceptionally fine quality. This mixture is notable for the rich colors and large size of flowers, which are beautifully striped, marginated and spotted, as in the case of all strains of double Petunia. Not all seeds will come true, but a larger proportion of this strain will come double than any other we have tried. Pkt., 25c.

**Fine Mixed.** Excellent for bedding; many colors. ¼ oz., 25c; pkt., 10c.

**Striped and Blotched.** An excellent strain of the small-flowering type. Fine for massing. All colors. ¼ oz., 25c; pkt., 10c.

**Giants of California.** The "Giants of California" bear gigantic flowers often five or more inches in diameter, of an astonishing variety of colors. They embrace every conceivable shade of crimson, pink, lavender, yellow, black, pure white, etc. One of the chief points of excellence is the deep throat and diversity of veining in the throat. Many of the flowers have a clear yellow throat, while others have a pure velvety black one, so deep that it seems to show no veining; many are deeply lined and netted on a white, pink or lavender ground. Many flowers are beautifully ruffled and frilled. Our strain is unexcelled, being saved especially for our critical trade by a leading Petunia specialist. Pkt., 25c.

**Phacelia Campanularia.** One of the earliest annuals to blossom; height nine inches; flowers bell-shaped and of a rich deep blue. The showiest annual we have. Pkt., 5c.

**Phlox Drummondii.** Of all summer-flowering annuals the varieties of Phlox Drummondii are unquestionably some of the most brilliant and satisfactory. Seed may be sown in the open ground any time after danger of frost is past, and in a few weeks the beds or borders are aglow with their brilliant coloring and remain so until cut down by frost. For early flowering they should be started indoors or in a hotbed. Mixed colors. Oz., 50c; pkt., 5c.

**Grandiflora Varieties, Large Flowering.** The following six colors are considered the brightest, best and most distinct for bedding:

Pure White.....Pkt., 10c	Crimson Beauty.....Pkt., 10c
Shell Pink....." 10c	Royal Purple....." 10c
Deep Rose....." 10c	Blood Red....." 10c

**Grandiflora, Choicest Mixed.** Oz., 75c; pkt., 10c.

**Large Flowering Dwarf Varieties.** A type combining the size of the individual flower and the head of the finest Grandifloras with the dwarf, compact growth of the dwarf sorts; altogether a perfect combination. Finest mixed colors. ¼ oz., 50c; pkt., 10c.

**Star Phlox. (Star of Quedlinburg.)** Of dwarf habit with very pretty star-shaped flowers. A novel and beautiful variety. Mixed colors. Pkt., 10c.

**Double Phlox.** Especially desirable for cut flowers, lasting better than the single sorts. To produce the best results they should be grown in a light soil. Finest mixed colors. Pkt., 10c.

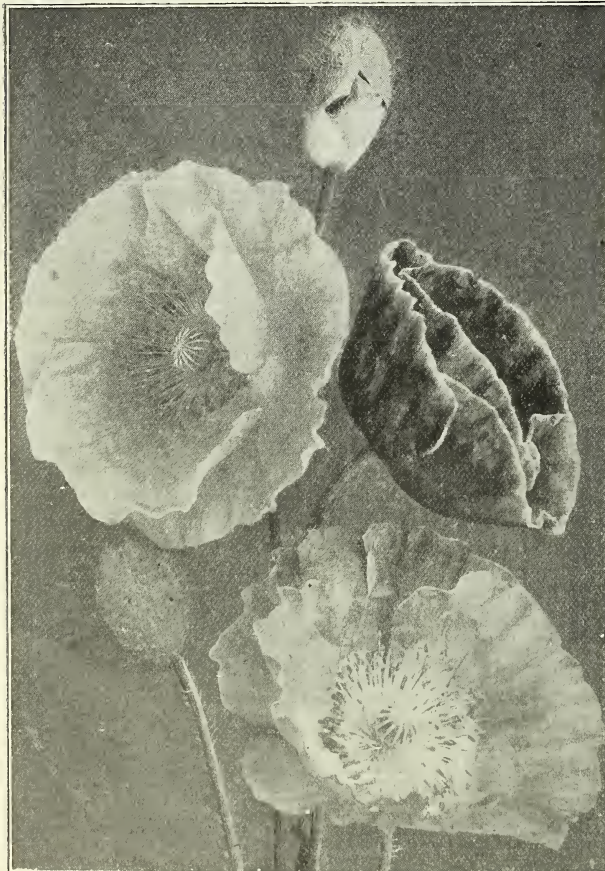
**Physalis Franchetti.** Japanese Winter Cherry. Fruit large, deep red in color, edible, and enclosed in balloon-shaped husks of brilliant orange red. Hardy annual; height, two feet. An ornamental variety of the Ground Cherry or Strawberry Tomato. Pkt., 10c.

**Platycodon.** See Hardy Perennials from Seed page 63.

**Poppies.** A great advance has been made in recent years in the development of the Poppy which has brought it into deserved popularity, and it may be safely said that no other flower produces a more brilliant display of color during the blooming period. Annual Poppies should be sown as early in the spring as possible where they are to remain, as they do not stand transplanting. If constant blossom is desired, successive sowings should be made every two weeks.

### Single Annual Poppies.

Northrup, King & Co.'s Sterling Single Mixture. (Sold only in sealed packages.) Embraces all the leading best single varieties. As is always the case with our Sterling Mixture, it has been our aim to include in this mixture every good variety. Oz., 50c; ¼ oz., 15c; pkt., 10c.



Poppy, Shirley.



Phlox Drummondii.

**Poppy, Shirley.** The flowers are large, exceedingly graceful and elegant; the colors are pure, soft and varied and range from bluish-white, rose, delicate pink and carmine, through innumerable tints, to bright sparkling crimson. Oz., 50c; pkt., 10c.

**Danebrog, or Danish Cross.** Very showy variety, producing large single flowers of brilliant scarlet, with a silvery-white spot on each petal, thus forming a white cross. Oz., 20c; pkt., 5c.

**Umbrosun.** Richest vermilion, with a deep, shining black spot on each petal. Oz., 25c; pkt., 5c.

**English Scarlet.** The common field Poppy of Great Britain; dazzling scarlet. Oz., 25c; pkt., 5c.

**Flag of Truce.** Satiny-white flowers 3 to 4 inches across. Oz., 25c; pkt., 5c.

**Tulip Poppy.** A magnificent species from Armenia. The plants grow about 14 inches high and produce from 50 to 60 large tulip-like flowers of dazzling scarlet. Oz., 60c; pkt., 10c.

**Fire Dragon.** Very showy and free-flowering, producing flowers of brilliant deep scarlet with black spots, margined white. 2 to 2½ feet. Oz., 50c; pkt., 10c.

**Single Mixed.** Annual sorts. Oz., 20c; pkt., 5c.

### Double Annual Poppies.

Northrup, King & Co.'s Sterling Double Mixture. (Sold only in sealed packages.) Includes all of the best double varieties of large-flowering Poppies of all colors; also many varied tints and combinations of color. Many of the blossoms are 6 to 7 inches in diameter and as double as Paeonies, 30 to 36 inches high. Oz., 50c; ¼ oz., 15c; pkt., 10c.

**American Flag.** Beautiful variety; flowers very large and double, snow white, bordered with scarlet. Oz., 25c; pkt., 5c.

**Fairy Blush.** Very double flowers of pure white, elegantly fringed and tipped with rose. Oz., 25c; pkt., 5c.

**White Swan.** Immense double flowers; beautifully fringed and of purest white. Oz., 25c; pkt., 5c.

**"Mikado" (The Striped Japanese Poppy.)** This beautiful Poppy is very distinct in character and color. The flowers are brilliant scarlet and white with elegantly curved petals, like a Japanese Chrysanthemum. Oz., 25c; pkt., 5c.

**The Golden Poppy.** A new and novel variety, with golden-yellow foliage and double flowers in various red shades; 1 ft. Pkt., 15c.

**Carnation Flowered.** Splendid double fringed flowers. Mixed colors. Oz., 20c; pkt., 5c.

**Paeony Flowered.** Large, showy, double, globular flowers, resembling a double Paeony, mixed colors. Oz., 20c; pkt., 5c.

**Scarlet Featherball.** Very beautiful with fringed-edged petals like big balls of slashed tissue paper or feathers. Double, brilliant red flowers. Pkt., 10c.

**Perennial Poppies.** See pages 63 and 75.

**Portulaca.** Will grow and bloom abundantly all summer in a dry, hot location, where most other plants would soon die.

The flowers are of the richest colors and make a beautiful border.

**Single.** Mixed colors. Pkt., 5c. **Double.** Mixed colors. Pkt., 10c.

**Polemonium. Jacob's Ladder.** See page 63.

**Polygonum. Giant Knotweed.** See page 63.

**Pueraria. Kudzu Vine.** See Perennials page 63.

### A Customer for Fifteen Years.

I have used your seeds for fifteen years and have found them good, especially your Pansy seeds. Our Pansy bed is lovely.

MRS. J. C. WRIGHT, Plato, Iowa.

### So Well Pleased.

I am so well pleased with your seeds that I do not care to plant any other.

C. L. WHIAMAN, Lastine, Oregon.

**Ricinus. Castor Oil Bean.** Ornamental plants of stately growth and picturesque foliage, with brilliant colored fruit, producing a sub-tropical effect; fine for lawns, massing or center plants for beds.  
**Borboniensis.** Very large and beautiful green foliage; 15 ft. Oz., 15c; pkt., 5c.  
**Gibsoni.** Dwarf branching habit, deep red foliage; 5 feet. Oz., 15c; pkt., 5c.  
**Cambodgensis.** The main stem and leaf stalks are shining ebony, leaves large, regularly divided and richly colored; 5 feet. Oz., 20c; pkt., 5c.  
**Zanzibariensis.** Have light and dark green leaves and some of coppery bronze changing to dark green with reddish ribs. Oz., 15c; pkt., 5c.  
**Mixed.** All sorts, best varieties. Oz., 15c; pkt., 5c.

**Rudbeckia.** See Hardy Perennials from Seed page 63.

**Salpiglossis. Painted Tongue.** Large Flowering Mixed. Very beautiful hardy annual plants, flowering freely from July to early autumn. Seed may be sown in May, where they are to flower. Rich soil should be provided, with plenty of space for plants to develop. The exquisite beauty of the flowers, with their rare combination of color, is a revelation to all who may see them for the first time. A splendid variety of color, flowers of large size. Pkt., 5c.

**Emperor.** This new variety forms only one leading stem, and bears on its summit a veritable bouquet of the most beautiful flowers, each one richly veined with gold, and much larger than the finest of the "Grandiflora" type. Pkt., 10c.

**Salvia Splendens. Scarlet Sage.** One of the handsomest flowering plants we have for garden decoration. Excellent for filling large beds or borders in the garden; continuously in bloom from early August until the first killing frost. Beautiful scarlet; large-flowering. 1/4 oz., 50c; pkt., 5c.  
**Clara Bedman. (Bonfire.)** The plants form handsome, globular bushes about two feet in diameter. The spikes grow upright and stand clear above the foliage, completely enveloping the plant, and are of a most brilliant, dazzling scarlet. Pkt., 10c.

**Scabiosa. Mourning Bride.** One of our handsomest summer border plants, producing in great profusion very double flowers in a variety of shades and colors. Excellent subjects for cut flowers, lasting nearly a week after being cut. Sow the seeds in May and thin out the young plants to 6 inches apart, Mixed, pkt., 5c.

**Scabiosa caucasica.** See Hardy Perennials from Seed page 63.



Scabiosa.

**Stocks. Gilliflower.** The Stock is one of the most popular annuals, either for bedding or pot culture; for brilliancy and diversity of color, fragrance, profusion and duration of bloom it is unsurpassed. Start the seeds in February and March, and as soon as the plants have their second pair of leaves, prick out into shallow boxes and in about four weeks the plants will be ready to pot; from which they should be transferred to the open ground in May or June.  
**Large Flowering Ten-Weeks Stock.** This is the leading class for bedding out or summer blooming. Pkt., 10c.

Blood Red.....	10c	Purple.....	10c	Light Blue.....	10c
Bright Pink.....	10c	Pure White.....	10c	Canary Yellow.....	10c
Mixed Colors.....	5c	Collection, 6 separate colors.....	50c		

**Stock. Evening Scented.** See page 52.

**Stokesia Cyanea.** See Hardy Perennials from Seed page 63.

**Sweet Rocket.** See Hardy Perennials from Seed page 61.

**Sweet William.** See Hardy Perennials from Seed page 63.

**Sunflower.** See pages 51 and 63.

**Thunbergia. Black Eyed Susan.** Beautiful rapid-growing annual climbers, preferring a warm, sunny situation; used extensively in hanging baskets, vases, low fences, etc., very pretty flowers in buff, white, orange, etc., with dark eyes; mixed colors; 4 feet. Oz., 50c; pkt., 5c.

**Tritoma.** See Hardy Perennials from Seed page 63.

**Northrup, King & Co.'s Mammoth Verbena.** (Sold only in sealed packages.) The largest Verbena known, a single flower often being as large as a twenty-five cent piece. The beauty of this plant is well known and scarcely



Stocks.

needs comment. For garden beds or effective massing the Verbena is unequalled. They bloom profusely the first year from seed, the flowers lasting until late in the autumn. Thrives best in a sweet, fertile loam, and should be given space to trail over the ground. Verbenas should not be grown in the same place two years in succession.

<b>Aurora Borealis.</b> Intense carmine-scarlet.....	Pkt., 25c
<b>Pink</b> .....	Pkt., 10c
<b>Purple</b> .....	10c
<b>White</b> .....	10c
<b>Collection of Mammoth Verbenas, 6 colors</b> .....	50c
<b>Fine Mixed.</b> All colors of the older sorts, oz., 75c; pkt., 5c.	

**Verbena, Lemon Scented.** This fragrant plant is easily grown from seed, and succeeds well anywhere. Have a good bed of it in the garden every summer, that you can cut its fragrant foliage and flowers to make up with bouquets. Pkt., 5c.

**Veronica.** See Hardy Perennials from Seed page 63.

**Wallflower.** See Hardy Perennials from Seed page 63.

**Zinnias. Youth and Old Age.** Is one of the most brilliant and showy of annuals, and has long been a general favorite. The seed can be sown early in the hotbed and transplanted; or sown later in the open ground. They come in flower early in the summer, and keep on blooming until hard frost; require little attention and succeed almost anywhere. For perfection of blossom start the seeds in March and prick out once or twice before transferring to the open border in May or June. Provide the plants with plenty of room, at least 18 inches apart, each way, and they soon completely cover the ground.

**Double.** This is considered the best type for general use, forming bushy, compact plants not over 2 feet high, and bearing flowers as large as the tallest varieties. We offer them in the following six distinct colors:

White.....	Pkt., 5c	Scarlet.....	Pkt., 5c
Orange.....	5c	Canary.....	5c
Salmon Rose.....	5c	Jacqueminot.....	5c
Mixed, all colors, oz., 40c; pkt., 5c		Collection, 6 separate colors.....	25c



Zinnias.

**Superior to Others.**  
 We are very well satisfied with your seeds; for purity and vitality they are superior to those we have gotten elsewhere. My wife was especially pleased with the Mixed Sweet Peas. J. L. TETER, Farris, Wash.

# NEW FLOWER SEEDS OF MERIT FOR 1910

**Cosmidium Burridgeanum, Orange Crown.** Very handsome new annual, many-branched bushes of 1½ to 2 feet in height. The flowerheads, 1½ to 1¾ inches in diameter, are carried on long, slender, but self-supporting stems well above the graceful, linear foliage. Ray florets golden yellow with a broad conspicuous circle of a rich orange around the disc, a pleasing combination of colors. As the plants produce a constant succession of bloom throughout the summer and the flowers lasting well in water for days, this novelty will prove to be very useful for cutting purposes. Pkt., 20c.

**Dianthus. Double Lucifer.** This new annual Pink represents the double flowered form of the *Dianthus Vesuvius*. The nicely fringed flowers, 1¾ to 2 inches across, are of an intense orange-scarlet, a dazzling color in full sunshine and the most striking of all red flowered annual Pinks. The plants grow 12 to 15 inches high and may advantageously be used for effective flowerbeds. We are certain that the flowers of this new variety will be of the same great value and importance for cutting amongst the annual Pinks, as the bright scarlet flowered variety "Grenadin" has attained amongst Carnations. Pkt., 25c.

**Hollyhocks, Everblooming Annual.** A comparatively new class of easy culture and flowering as quickly from seed as any garden annual. The plants from early sown seed set out in May begin flowering in July; the May sown in August, but in either event they flower profusely until frost. The plants are vigorous in growth and naturally branching in habit, and if given the best of treatment will thrive luxuriantly. The soil should be very rich, deeply dug, and during dry weather watered liberally. The diversity of forms and colors are delightful. There is a great variety of colors and color combinations; in this strain including maroon, pink, rose, crimson, white, cerise, scarlet and many variegations, of dainty and exquisite blending.

**Double and Semi-Double Mixed.** Pkt., 15c; 250 seeds 50c. **Single Mixed.** Pkt., 15c; 250 seeds 50c.

**Impatiens Holstii. Dwarf Vermilion Orange.** Dwarf compact growing variety of the attractive Impatiens Holstii offered for the first time in 1905. It forms regularly branched bushes, from 6 to 8 inches in height by 10 to 12 inches in breadth, and produces its lovely, bright vermilion orange flowers in the greatest profusion throughout the season. Foliage and stem light green. Planted out of doors in a half-shady situation or grown in pots, this dwarf variety will always be very effective and showy. Pkt., 25c.



Cosmidium Burridgeanum, Orange Crown.

**Impatiens Holstii. Dwarf Deep Scarlet.** Another dwarf variety with dark foliage and stems; flowers about an inch across, of a beautiful deep scarlet. Equally as useful as the preceding sort. Pkt., 20c.

**Nasturtium. Queen of Tom Thumbs Mixed, variegated foliage.**

An exceedingly fine acquisition to the Nasturtium family. The colors range from the deep crimson of the parent to yellow, buff and spotted; of fine form and of the largest size. Very effective, forming a fine contrast to the silver variegated or cream and green colored leaves of the foliage. Useful for growing as single plants among other flowers, for edging walks, or surmounting walls. Very showy and a decided novelty of most surpassing beauty. Pkt., 10c; ½ oz., 20c.

**Nasturtium. Tall or Trailing Queen Mixed, variegated foliage.**

A really fine mixture of this charming new variety, containing all colors so far originated. The flowers are of many bright colors in pleasing contrast to the variegated foliage. The leaves are beautifully blotched and spotted with cream, white and green making this variety worthy of culture for the foliage alone. Very vigorous, of rapid growth and exceedingly effective for covering arches, walls or trellis work. Pkt., 10c; ½ oz., 20c.

**Nasturtium. Dwarf Golden Foliage Mixture.** A charming novelty of unusual beauty, the contrast between the clear golden yellow foliage and the flowers being most remarkable. This mixture contains all colors originated to date and all our customers should include at least a packet to become familiar with this new sort. Pkt., 10c; ½ oz., 20c.

**Nasturtium. Tall "Ivy-Leaved" Mixture.** The plants are of running growth, with star-like pointed leaves of rich green, veined with white, so that the young shoots, where the leaves are set quite closely together, have a marked resemblance to the foliage of the hardy English Ivy. The flowers are of medium size and of most distinct form. The petals are quite narrow, and standing well apart present a striking star-like appearance as illustrated. Pkt., 10c; ½ oz., 15c.

**Nasturtium. Dwarf "Ivy-Leaved" Mixture.** A beautiful mixture, containing a remarkable range of color, including many not usually found in any other strain of Nasturtiums. Pkt., 10c; ½ oz., 15c.

**Petunia hybrida grandiflora fimbriata. Gotelind.** Charming new, large flowered Petunia with finely fringed double flowers of a very delicate pink on light ground. The seedlings will produce from 25 to 30% of double flowering plants. Pkt., 25c.



Impatiens Holstii nana or Dwarf.

## NEW "SPENCER" SWEET PEAS FOR 1910

The distinguishing characteristics of the new Spencer Sweet Peas are the splendid form and gigantic size of the flowers, which are waved and fluted and which often measure more than two inches across. The stems are very long and strong and often bear four immense blossoms, which remain in bloom for a much longer period than other Sweet Peas. It seems a foregone conclusion that as soon as seed can be produced in sufficient quantity to supply the demand, that this magnificent new race of Sweet Peas will quite supersede the older types.

**Asta Ohn Spencer.** The best lavender in the Spencer class; suffused or tinted with mauve. The flowers are large and wavy, and of the best Spencer form. Stems are long and sturdy and uniformly four blossoms to the stem. Pkt., 25 seeds, 25c.

**Black Knight Spencer.** Very deep maroon, of the largest Spencer type. Practically self colored and one of the darkest of all varieties. Pkt., 25 seeds, 25c.

**Blanche Ferry Spencer.** Pink and white. Pkt., 25 seeds, 25c.

**Gaity Spencer.** Light magenta rose, striped on white. Pkt., 25 seeds, 25c.

**Juanita Spencer.** Standard mauve, wings lavender, both striped on white. Pkt., 25 seeds 25c.

**King Edward VII Spencer.** This sterling novelty is the nearest approach in color to the popular King Edward VII in the waved or Spencer type.

The enormous flowers come almost uniformly waved and crinkled to a pronounced degree. The standard measures from one and three-quarters to two inches across by one and one-quarter inches deep; the wings are one and three-eighths inches wide by one and one-quarter inches long. The unusually large wings make the flowers appear truly gigantic in size. The standard is a deep rich carmine-scarlet of glossy effect. The wings are also carmine-scarlet and on the reverse side are of a deep rosy carmine. The stems are twelve to fifteen inches long and frequently carry four fine blooms, while the majority bear three flowers. The stems are thick and heavy, the vines vigorous and thrifty. Pkt., 25 seeds, 25c.

**Mrs. Walter Wright Spencer.** Rose purple, self-colored; changes to a slightly bluish-purple as it fully matures. One of the largest and finest. Pkt., 25 seeds, 25c.

**Princess Alice Spencer.** Beautiful, light, rosy mauve. Pkt., 10c; oz., 25c.

**Northrup, King & Co's 1910 Mixture of "Spencer" or**

**Giant "Orchid-Flowered" Sweet Peas.**

The rapidity with which the "Spencer" type of Sweet Peas is coming into favor, bespeaks their wonderful beauty. In this grand mixture we embrace all of the above varieties and all other Spencer varieties originated to date. The vines are healthy and vigorous in growth and produce in the greatest profusion, long, strong-stemmed flowers of most excellent substance, and perfect form. Pkt., 10c; oz., 20c; ¼ lb., 50c; 1 lb., \$1.50, postpaid.

**Our Guarantee.** We are so confident that these Sweet Peas will prove so satisfactory to every flower lover that we will at once and without question refund the money paid us for the above mentioned Sweet Peas ordered from this catalogue, to any purchaser who writes us prior to September 1st, 1910, saying that these Sweet Peas did not in every way give entire satisfaction. Seeds all Satisfactory.

The seeds we sent for all proved satisfactory in every way, especially the sweet peas—never have seen a nicer variety and so large too—have recommended all to our friends and you will probably have some orders from here in the Spring.

(MRS.) HENRY DAMMAN, Garretson, S. D.



Type of the New Ivy-Leaved Nasturtium.

## SWEET PEAS

**Cultural Note.** Sow the seed in new ground as early in spring as the soil can be worked. Prepare a trench to a depth of about 2 feet, and at least 18 inches wide. Fill in with rich loam which has been thoroughly incorporated with well rotted barnyard manure or sheep manure. Leave sufficient space in the center for brush or trellis, scattering the seeds thinly on both sides at a depth of 6 inches. Cover the seeds 2 inches deep and fill in the trench from time to time as the plants appear, until on a level with the ground. Mulch the surface to prevent the soil from drying out and water freely throughout the season. Pick flowers daily and do not allow to go to seed.

Unrivalled Mixtures.  
Northrup, King & Co.'s Sterling Mixture.

(Sold only in sealed packages.) The finest mixture. The acme of richness and beauty, matchless in combinations of colors and giant sweet-scented flowers. It is made up regardless of expense, the aim being to secure in this combination the largest flowering sorts and finest possible range of colors. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00, postpaid.

**Eckford's Large Flowering Mixed.** This elegant mixture embraces the recent novelties of Mr. Eckford, the Sweet Pea specialist of England, who has accomplished more than any other individual in bringing the Sweet Pea to its present state of beauty, size and perfection. Pkt., 5c; oz., 8c; ¼ lb., 15c; 1 lb., 55c, postpaid.

**Good Mixed.** This is a most excellent mixture, embracing all the standard varieties and many colors. Oz., 6c; ¼ lb., 15c; 1 lb., 40c, postpaid.

**Mixed Sweet Peas in Separate Shades.** It is undeniable that a bunch of Sweet Peas of pink or white or dark shades or other colors which harmonize together is much more effective than a similar bunch where all the colors are mixed together. For such as prefer to grow the various colors separate we have prepared the following mixtures out of the finest named sorts. Price, pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c. One ounce each of the six separate shades for 40c.

**Red Shades.** Bright rose to dark scarlet. **Purple and Maroon Shades.** All the dark colors. **White and Primrose Shades.** All the delicate tints. **Striped Sorts.** Various striped combinations. **Pink Shades.** Light to deep pink. **Lavender and Blue Shades.** Pale lavender to mauve and heliotrope. **Double Flowering Sweet Peas.** Under favorable conditions these will produce a large percentage of double flowers, and while not, in our judgment, as graceful as the singles, show the high state of development to which Sweet Peas have been brought. **Finest Mixed Colors.** Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.

**Cupid, Dwarf or Bedding Sweet Peas.** Sown as a border they form a line of emerald green foliage a little over a foot wide and from 5 to 6 inches high, and from June until late summer are literally a sheet of bloom, and from the fact that they cover the ground so closely they are not so likely to suffer from drought as the tall sorts. Excellent also for pot culture. **Collection of 8 splendid varieties of Cupid Sweet Peas, 30c. Mixed Colors.** Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.

## GIANT FLOWERING SWEET PEAS.

See page 58 for New Spencer or Giant Orchid Flowered Sweet Peas.

**Agnes Eckford.** Beautiful soft light pink. Wings wide and expanded, slightly rolled at the outer edges. Pkt., 10c; oz., 25c.

**Bolton's Pink.** A grand flower, color bright, orange-pink. Flowers, which are borne three to stem, are boldly expanded and of fine substance. Pkt., 5c; oz., 10c; ¼ lb., 30c.

**Countess Spencer.** A beautiful clear pink, shading darker at the edges. Pkt., 10c; oz., 20c; ¼ lb., 50c; 1 lb., \$1.50.

**E. J. Castle.** A rich carmine rose, with salmon shading in the standard. A bold and wavy flower of striking effect. Pkt., 10c; oz., 25c.

**Earl Cromer.** Deep reddish-mauve; flowers are of large size; wings large and widely spreading. Pkt., 5c; oz., 10c; ¼ lb., 30c.

**Flora Morse Spencer.** The flowers are extremely large, of the finest open wavy form. Delicate bluish, with pink margin. Pkt., 10c; oz., 30c.

**Frank Dolby.** A large, fine, light lavender, with bold wavy standard and widely spreading wings, beautifully fluted. Pkt., 10c; oz., 25c.

**George Herbert, or Rose Red Spencer.** Almost a self carmine. Flowers are of the largest size; both standard and wings beautifully fluted. Pkt., 10c; oz., 20c; ¼ lb., 50c.

**Gladys Unwin.** Lovely light pink. A bold flower, crinkled and waved. Pkt., 5c; oz., 10c; ¼ lb., 30c.

**Helen Lewis, or Orange Spencer.** Immense rich crimson-orange; wings orange-rose. Pkt., 5c; oz., 10c; ¼ lb., 30c.

**Helen Pierce.** Bright blue, mottled on pure white, resembling very much a blue mottled Gloxinia. Pkt., 5c; oz., 15c; ¼ lb., 40c.

**Henry Eckford.** Exceptionally bright and distinct shade; self-colored, soft flaming orange. An exquisite variety. Pkt., 5c; oz., 10c; ¼ lb., 30c.

**Horace Wright.** A very large bold flower of rich dark coloring. Standard violet-maroon, wings violet; large hooded form. Pkt., 5c; oz., 10c; ¼ lb., 30c.

**John Ingman.** A new, rich rosy-carmine, veined deeper. Pkt., 10c; oz., 20c; ¼ lb., 50c.

**Mrs. Alfred Watkins.** Clear pink, deeper at outer edges. Flowers large and widely spreading, with the wavy or crinkled effect so much desired. Pkt., 10c; oz., 25c.

**Mrs. Charles Mander, or Royal Purple Spencer.** A distinct new sort; color rosy-lavender. Pkt., 10c; oz., 20c; ¼ lb., 50c.

**Mrs. Collier.** A rich primrose tint; flowers are very large, coming in threes and fours on long stiff stems. Pkt., 10c; oz., 25c.

**Mrs. Hardcastle Sykes, or Pale Pink Spencer.** Flowers of purest pale pink. Pkt., 10c; oz., 20c; ¼ lb., 50c.

**Nora Unwin.** Beautiful pure white, finely waved or fluted. A very effective flower of good substance. Pkt., 10c; oz., 25c.

**Phyllis Unwin.** Beautiful rose color throughout. The long stout stems carry three and four flowers each. Standard crinkled, wavy, with broad wings. Pkt., 5c; oz., 10c; ¼ lb., 30c.

**Phenomenal.** Silvery-white, faintly suffused with soft pink and beautifully edged with rich purple. Pkt., 5c; oz., 10c; ¼ lb., 30c.

**Primrose Spencer.** A pronounced primrose or creamy-yellow. A decided acquisition to the Spencer type. Pkt., 10c; oz., 20c; ¼ lb., 50c.

**Queen Alexandra.** The nearest approach to a pure scarlet. A bold expanded flower of finest form. Pkt., 5c; oz., 10c; ¼ lb., 30c.

**Queen of Spain.** Peach-blossom pink, with slight apricot tinge. Color effect buff-pink, medium size, hooded form. Pkt., 10c; oz., 20c; ¼ lb., 60c.

**Shasta.** A very large, pure white; of excellent substance, with the edges of both standards and wings finely fluted. Pkt., 5c; oz., 10c; ¼ lb., 25c.

**White Spencer.** A pure white variety of the Countess Spencer type. Standard, waved, crinkled and fluted. Flowers large, borne three and four to a stem. Pkt., 10c; oz., 20c.

## NORTHROP, KING &amp; CO.'S SELECT SWEET PEAS.

All at the uniform price of 5c a pkt., 10c an oz., 20c for a ¼ lb., 65c a lb., postpaid.

**Collections.** One packet of each of the 42 select varieties for \$1.25, postpaid. One ounce of each of the 42 varieties, 42 ounces in all, for \$2.75, postpaid.

One packet of any 6 varieties, purchaser's selection, 6 packets in all, of the New Giant Flowering Sweet Peas, for 50 cents postpaid.

## WHITE.

**Blanche Burpee.** A superb pure white.  
**Dorothy Eckford.** The finest white; very large.  
**Emily Henderson.** White; very floriferous.  
**White Wonder.** Pure white, of largest size, with frequently 6 to 8 flowers on a stem.

## YELLOW SHADE.

**The Hon. Mrs. E. Kenyon.** Clear buff-yellow, spreading flowers.

## PINK AND ROSE SHADES.

**Countess of Lathom.** Delicate pink self.  
**Dainty.** White with pink edge.  
**Hon. F. Bouverie.** Deep pink shading to light pink at the edges.  
**Janet Scott.** Deep pink.  
**Jennie Gordon.** A large flower. Bright rose with crimson shading.  
**Lovely.** Pink standard, delicate rose wings.  
**Lord Roseberry.** Bright cherry-rose, hooded form.  
**Marchioness of Cholmondeley.** Delicate salmon; wings light buff.

**Miss Wilmot.** Deep orange-pink.  
**Modesty.** Blush or soft pink; the lightest of all.  
**Prima Donna.** Lovely pale pink. Very fine.  
**Stella Morse.** Buff, tinted pink.  
**RED STANDARD with WHITE WINGS.**  
**Earliest of All.** Rose and white.  
**Extra Early Blanche Ferry.** The popular pink and white.

## SHADES OF RED.

**Coccinea.** A beautiful cerise.  
**Firefly.** Deep brilliant scarlet.  
**King Edward VII.** Bright crimson self color.  
**Prince of Wales.** Bright rose, self colored.  
**Royal Rose.** Deep rosy-pink.  
**Scarlet Gem.** Almost a dazzling scarlet.  
**Sunproof Salopian.** One of the best scarlets.  
**LA VENDER and LIGHT BLUE SHADES**  
**Admiration.** Flowers large; a very delicate shade of pinkish-lavender.  
**Countess of Radnor.** Pale mauve or lavender.  
**Emily Eckford.** Standard reddish-mauve, wings blue.

**Lady Grisel Hamilton.** Pale lavender-blue.  
**Lottie Eckford.** White, suffused with lavender-blue.

**Mrs. Geo. Higginson, Jr.** Delicate lavender.

## BLUE AND PURPLE SHADES.

**Captain of the Blues.** Standard light maroon, wings light purple.  
**Countess of Cadogan.** Reddish-mauve standard, wings violet-blue.

**Flora Norton.** A beautiful bright blue. The most pronounced in this shade.

**Mrs. Walter Wright.** Beautiful deep mauve.  
**Navy Blue.** Deep violet-blue.

## PINK AND RED STRIPES.

**America.** The brightest blood-red striped.  
**Aurora.** Flaked orange-salmon; largest striped.  
**Golden Rose.** Primrose-yellow, striped with rosy-pink.

## CLARET and MAROON SHADES.

**Othello.** Dark glossy maroon.  
**Shahzada.** Dark maroon, shaded purple.

# HARDY PERENNIAL FLOWER SEEDS



**Aquilegia. Columbine.**

than they are. Admirably adapted for edgings, borders and low beds and also well suited for pot culture.

**Giant Red.** Beautiful double flowers in red tints. Pkt., 10c.

**Snowball.** Best pure white Daisy, on long stem. Pkt., 10c.

**Double Mixed.** Embracing all colors. Pkt., 10c.

## **Callirrhoe involucrata. Poppy Mallow.**

A trailing perennial of the Malva family, bearing a profusion of large, violet-crimson flowers. Hardy and of easy culture. Pkt., 10c.

## **Campanula. Bellflower.**

Beautiful, hardy, herbaceous perennials, bearing a great profusion of attractive bellflowers; thrive best in light, rich soil.

**C. carpatia.** Very charming plant six to eight inches high, with very handsome deep blue flowers. Pkt., 10c.

**C. glomerata.** One to two feet high. Flowers bluish-violet and white. Pkt., 10c.

**C. persicifolia.** Flowers blue, shading to white. Pkt., 10c.

**C. punctata.** A Siberian species fifteen to eighteen inches high; flowers nearly white, spotted with red. Pkt., 10c.

**C. pyramidalis.** Steeple Bells. Chimney Bellflower. Blue or white. Height four to five feet. Pkt., 10c.

**C. Raineri.** A dainty little plant; will succeed in any good soil. Pkt., 10c.

## **Canterbury Bells. Campanula calycanthema.**

Produces beautiful single flowers three inches in length with saucers three to four inches in diameter. The plants form pyramids of bloom bearing from 100 to 200 of these exquisite blossoms for weeks during the early summer. A hardy biennial 2½ feet high, flowering the second season from seed.

**Rose**—Delicate rosy-pink... Pkt., 10c    **White**—Pure white..... Pkt., 10c

**Blue**—A fine clear shade..... " 10c    **Mixed**—All colors..... " 5c

**Striped**—White, striped blue..... " 10c

## **Canterbury Bells. Campanula medium.**

The old-fashioned variety which produces large, bell-shaped flowers in beautiful colors.

**Single Mixed**—All colors... Pkt., 5c    **Double Mixed**—All colors... Pkt., 5c

Perennials are of all flowers the most satisfactory to grow because they are permanent. Once established, they increase in size and beauty each year. The seeds of perennials may be planted either in the spring or fall. Many authorities claim that in the North all perennials are better planted in the spring. Cold does not injure a plant; to endure that is its nature, but the alternate freezing and thawing and the cold winds of both autumn and spring when the ground is bare of snow, taxes the tender seed or plant greatly, and often beyond its endurance. Start the seeds early indoors or in cold frames, so that the plant may be set out early in the spring in whatever situation may be desired. One cause of a good many failures of perennials from seed is that they are planted so deep or covered so heavily that they cannot come up. Small seeds should not be covered, just sown on finely sifted earth and pressed down with a board or other flat surface. Large seeds may be covered slightly, as a rule not to exceed twice the size of the seed in depth.

**Abronia. Sand Verbena.** Trailing plants and sweet scented, rosy-lilac flowers borne in clusters. Well suited for rockeries and dry places. Pkt., 5c.

**Achillea. Double White Yarrow.** One of the best hardy white perennials. Grows about two feet high and from spring until frost is covered with heads of purest white double flowers. Pkt., 15c.

**Adonis vernalis. Spring Adonis.** One of the most attractive ever-blooming plants. Flowers bright yellow. Has very attractive foliage. Likes a light sandy soil. Pkt., 15c.

**Agrostemma. Rose of Heaven.** An attractive free-blooming, hardy perennial, of easy culture, producing bright colored flowers on long, slender stems. Blooms the first season. Fine for cutting. One to two feet. Pkt., 5c.

**Alyssum Saxatile Compactum.** Has handsome masses of bright yellow flowers. Fine for borders. Grows about twelve inches high. Pkt., 10c.

**Anemone. Windflower.** A very pleasing, hardy perennial, producing large flowers; few plants compare with them in beauty; fine for bouquets.

**Coronaria. Mixed Colors. Poppy Anemone.** Pkt., 5c.

**St. Brigid.** A beautiful selection of the above, comprising semi-double and double flowers in a wonderful array of colors. Pkt., 15c.

**Japonica Alba. The Bride.** Pure white. Pkt., 10c.

**Anthemis tinctoria. Hardy Marguerite.** A native of England; grows about a foot high, bearing in profusion, daisy-shaped, yellow flowers which come in July and August. Good for cutting and easy of culture. Pkt., 10c.

**Aquilegia. Columbine.** growing from one to three feet high, bearing in countless numbers through May and June their exquisite blossoms of clear blue, white, rose, yellow, purple, striped, etc. For planting in permanent borders or naturalizing along the edges of woods or shrubbery this old-fashioned favorite is one of the best of all hardy plants.

**A. coerulea.** Blue and white flowers from the Rocky Mountains. Pkt., 10c.

**A. chrysantha. Golden Spurred Columbine.** Vigorous and bushy in habit. Attains a height of two and one-half feet. Pkt., 10c.

**A. oxysepala.** One of the most charming of all the Columbines. It is a native of Siberia; very hardy and seems to be more permanent than many species. Pkt., 15c.

**A. sibirica.** A fine purple-flowered species. One of the best. Pkt., 10c.

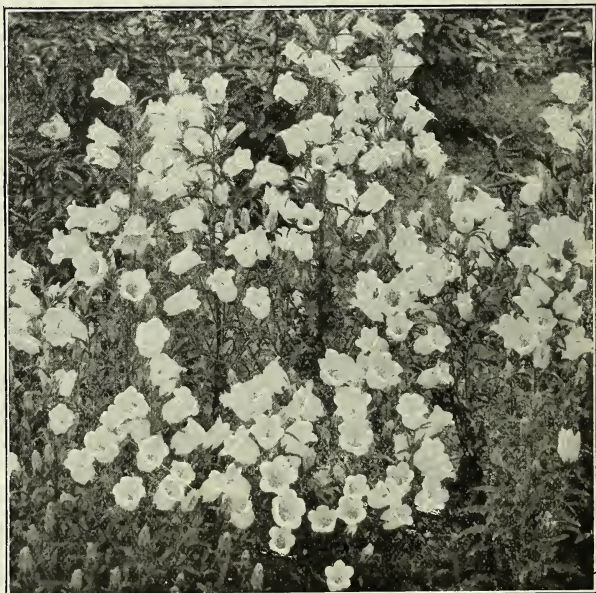
**A. vulgaris.** Perfectly hardy and of easy culture. Mixed colors. Pkt., 10c.

**Arabis alba.** A low, early blooming perennial with white fragrant flowers. For rock work, borders or covering steep banks. Pkt., 10c.

**Armeria plantaginea. Sea Pink. Thrift.** Flowers in close, round heads; in general, color light pink or white. Pkt., 10c.

**Bellis. English Daisy.** Daisies are easily raised from spring sown seed, and come into flower in a very short time. They

thrive best in cool, shady places, but do well in almost any soil. They are very pretty when in bloom and deserve to be grown more universally.



**Canterbury Bells.**



Shasta Daisy.

**Chrysanthemum.** *C. Coccineum.* Charming daisy-like flowers; fine for cutting. Pkt., 10c.  
*C. Maximum.* Ox Eye Daisy. Flowers like the common white daisy, but twice as large. Handsome when in flower and the flowers have good stems for cutting. Hardy and easily grown in full sun. Pkt., 10c.  
*C. Shasta Daisy.* A hardy perennial bearing large pure white flowers, sometimes four inches in diameter, in great profusion on long, stiff stems fully two feet long. Excellent for cutting. Pkt., 15c.

**Columbine.** See *Aquilegia* page 60.

**Coreopsis.** *C. lanceolata.* A hardy perennial about 2 feet high. This produces an abundance of large, daisy-shaped flowers on good, long stems. Pkt., 10c.  
*C. verticillata.* The flowers are of similar color, but smaller and finer foliage. Pkt., 10c.  
 See *Calliopsis* page 47.

**Delphinium. Hardy Larkspur.** Thrives in any good garden soil but for the best results special care should be given. Work the soil deep, with plenty of fine manure mixed in. Each plant should have plenty of room  
*D. elatum.* Flowers very fine, dark to pale blue. Pkt., 10c.



Digitalis. Foxglove.

**Delphinium—Continued.**

*D. Cashmerianum.* From the Himalayas, 10 to 18 inches high. Flowers azure blue. Upper petals almost black. Pkt., 15c.  
*D. Caucasicum.* Tall with handsome blue flowers. Pkt., 10c.  
*D. formosum.* Flowers sky blue, shaded with indigo, 18 to 38 inches. Pkt., 10c.  
*D. grandiflorum.* SIBERIAN LARKSPUR. Various tinted flowers from deep blue to white. One of the best. Pkt., 10c.  
*D. nudicaule.* SCARLET LARKSPUR. Numerous short spikes of very red flowers, very attractive. Blooms first year from seed. Pkt., 10c.  
*D. Sp., Kelway's Selection.* One of the finest yet offered. Flowers variable. Pkt., 15c.  
**Delphinium, Mixed.** This fine mixture embraces all the preceding varieties, with several others not herein named. Pkt., 10c; 1/8 oz., 25c; 1 oz., \$1.75.

For plants see page 74.  
**Digitalis. Foxglove.** A very interesting family of old fashioned plants, whose culture is so simple as to be easily within the reach of all.

*D. ambigua.* Yellowish flowers, quite pretty. Pkt., 15c; 1/8 oz., 30c.  
*D. purpurea,* var. *gloxinioides.* This has a very great variety of colors, but as it is difficult to keep them true when growing separately, we offer it only in mixture. Everyone should plant this strain. It grows in strong clumps and is one of our very finest hardy perennials. Pkt., 10c.  
*D. sibirica.* Flowers are creamy white and quite attractive. Pkt., 10c.

**Eryngium**

**Sea Holly.** Has heads of handsome amethyst blue flowers. Pkt., 10c.

**Gaillardia aristata.**

BLANKET FLOWER.  
 A fine hardy plant admired by all. The daisy-shaped flowers are red and yellow inside and on long stems. Lasts a good while in bloom, very showy. Pkt., 10c.  
 See page 51.

**Golden**

**Rod. Solidago Canadensis.** The well known golden yellow favorite. Pkt., 5c.

**Gypsophila Paniculata.**

Baby's Breath. Bridal Veil. The plants are small, star-like and borne in feathery sprays, which are highly esteemed for cut flowers as they lend a most graceful effect when combined in bouquets. This pleasing



Delphinium. Hardy Larkspur.

flower should be in every garden, for it may be said to be almost indispensable in the arrangement of flowers, either in vase or bouquet work. Its misty veil-like appearance when used with other flowers produces a most charming effect. Pkt., 5c; 1/8 oz., 15c.

**Helenium autumnale.** A handsome native perennial; height 4 to 6 feet with branches at the top, and bears many large, yellow flowers in autumn. Pkt., 10c.

**Hesperis Matronalis. Sweet Rocket.** Old-fashioned garden plant, and among the most desirable of hardy flowers; also known as Dame's Rocket and Dame's Violet; grows from 2 to 3 feet high, and bears spikes of showy white, lilac and purple fragrant flowers. Excellent for naturalizing among shrubbery or for planting in a permanent border; mixed colors. Pkt., 5c.

**Hibiscus. Marsh Mallow. H. Giant Golden Bowl.** The flowers of this magnificent Hibiscus are from 6 to 9 inches in diameter, their color is a rich, deep cream with a velvety, maroon center. Plants grow from 3 to 5 feet high, and bear from 10 to 20 of their gigantic, bell-shaped flowers at one time. They commence to bloom when the plants are quite young and continue until late in the fall. Pkt., 10c.

**H. Crimson Eye.** Flowers are pure white, with a rich crimson eye. The flowers are very large, often measuring 7 inches in diameter. It blooms from seed the first year sown in the open ground, lasts year after year. Pkt., 10c.

## HOLLYHOCKS

There is a revival of the old-fashioned flowers and Hollyhocks are among the best of the old garden favorites. Always a stately and majestic plant, the improvements in them have been so great that one would scarcely recognize in the old single Hollyhock, the parent of the magnificent and truly gorgeous flower of today.

The most marked improvement is found in the Chater's and Allegheny strains. These are beautiful beyond description.

The Chater's produce for the most part, flowers which are densely double, altho occasionally are seen among them some double and single blossoms. The colors are innumerable ranging from pure white to darkest maroon, some are bright and gay, others of the softest and most delicate shades and tints. The stalks average about four feet in height but many are 6 and even 8 ft. high. These stalks are densely covered with blossoms as beautiful in texture and appearance as the rose.

The Allegheny is of quite recent introduction. It grows very tall, and the flowers, tho single, are of wonderful beauty and in great variety of color. The Chater's are beautiful beyond description, but the Allegheny is thought by many to be even still more beautiful than the Chater's. Hollyhocks form a capital background for a border of hardy perennials of lower growth, and are also very effective when planted in groups. Once established, as they easily are from seed, they re-appear in their place each year. Hollyhocks thrive best in a rich, deep, well drained soil. As usually treated, the Hollyhock is a biennial, but if planted where the water will not settle around the crown in the winter they become very satisfactory perennials. See page 75 for plants.

### Chater's Double Hollyhocks.

Double White.....Pkt., 10c.	Bright Red.....Pkt., 10c.
Yellow.....Pkt., 10c.	Bright Pink.....Pkt., 10c.
Salmon Rose.....Pkt., 10c.	Maroon.....Pkt., 10c.

### Extra Choice Double Mixed.

Chater's Selected Strain. Oz., \$1.00; pkt., 10c.

**Allegheny Hollyhocks.** The flowers are of mammoth size and are wonderfully formed of loosely arranged fringed petals which resemble the finest China silk and have none of the formality of the ordinary type. This variety is a perpetual bloomer and has from 2 to 4 buds at the base of each leaf. The buds develop into flowers in rotation, the largest buds first, then the smaller ones, until all have become a beautiful mass of bloom. The colors vary from the palest shrimp pink to deep red. Altho the flowers are single they are very beautiful and must be seen to be appreciated. The plants are of strong growth, sending up spikes 6 to 7 feet high. Mixed colors, pkt., 10c.

**Single Hollyhocks.** Many prefer the single-flowering Hollyhocks. They are usually of freer growth than the doubles and present a very handsome appearance when covered with their artistic blossoms. Pkt., 10c.

**Honesty. Satin Flower.** Early flowering, hardy biennial, with purple or white flowers, and flat round seed-vessels of silvery appearance. Rather curious, but beautiful, and very useful as house ornaments, 2 ft. ¼ oz., 15c; pkt., 5c.

**Iberis sempervirens. Perennial Candytuft.** Few hardy perennials afford more prolonged display than this. Its flowers remain fresh a long time. Well adapted to every place in the garden where the sun can strike it. Pkt., 10c.

**Lathyrus. Everlasting or Hardy Sweet Pea.** Showy, free-flowering, hardy perennial climbers for covering old stumps, fences, etc.; continually in bloom; fine for cutting. Grows 6 to 8 feet high and bears flowers similar to Sweet Peas. All colors mixed. Pkt., 10c.

**Lathyrus. Pink Beauty.** Pkt., 10c.  
**Lavender. Lavandula Vera.** Well known, sweet scented, hardy perennials; should be extensively grown in the mixed border; 3 feet. Oz., 20c, pkt., 5c.

**Liatris. Blazing Star.** Very showy and attractive plants with long spikes of purple and rosy purple flowers from July to Sept. Grows from 3 to 4 feet high. Mixed varieties. Pkt., 10c.

**Linaria. Kenilworth Ivy.** Lavender and purple. A charming, neat, hardy trailing plant, suitable for baskets, vases, pots and rock-work. Pkt., 10c.

**Linum perenne.** A pretty plant for the border, with light graceful foliage and large flowers produced thru the entire summer. Flowers delicate light blue and pure white; similar to Phlox. 12 to 15 inches high. Blue.....pkt., 5c. White.....pkt., 5c.

**Lobelia.** The following dwarf and trailing varieties of this popular and beautiful flowering plant will be found most desirable for pot culture, edgings, hanging baskets, etc., blooming profusely from June to November. The hardy perennial varieties are among the most attractive of our garden favorites, producing beautiful spikes of handsome flowers.

**Crystal Palace Compacta.** Rich deep blue; dark foliage; the finest dark blue for bedding. Pkt., 10c.

**Mixed Compacta Varieties.** All colors, pkt., 10c.

**Lupinus. Wild Lupine.** This will be found a great acquisition to any garden. It forms dense bushes about 4 feet high, completely clothed to the ground with elegant spikes of snowy-white and deepest sea-blue flowers. Delicately fragrant. Mixed, pkt., 10c.

**Lychnis. Rose Campion.** Handsome plants of easy culture, growing in any rich garden soil; for massing in beds and borders; blooms the first year if sown early. Flowers white, scarlet, orange, etc. Mixed colors, pkt., 10c.

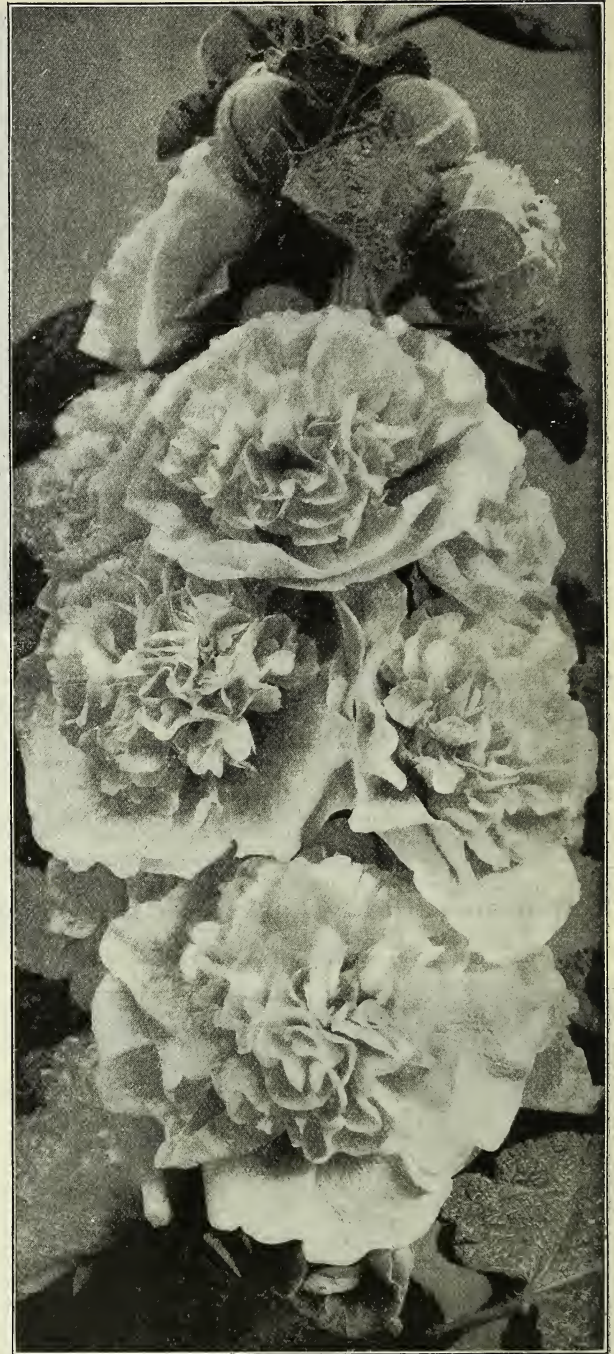
**Lythrum roseum superbum.** Pretty, hardy perennial, grows three feet high and produces spikes of rosy flowers from July to September. Pkt., 10c.

**Mimulus.** Showy, profuse flowering plants, comprising numerous varieties with white, sulphur and yellow grounds, spotted with crimson, scarlet and pink, fine for greenhouse or moist, shady situations; half hardy perennials, blooming the first year from seed if sown early; 1 foot.

**Tigrius. MONKEY FLOWER.** Fine mixed spotted varieties. Pkt., 5c.  
**Moschatus. MUSK PLANT.** Fine for hanging baskets, etc.; small yellow flowers, fragrant foliage. Pkt., 5c.

**Monarda. Oswego Tea or Bee Balm.** Fine hardy plants of free growth, about 3 feet high, with aromatic foliage and bright rose and crimson-scarlet flowers in July and August. Mixed, pkt., 15c.

**Musa Euseta. Abyssinia Banana.** A tender perennial ornamental foliage plant, growing to a height of 10 to 20 feet. Very effective when planted singly or grouped with other foliage plants. 10 seeds, 20c.



Chater's Double Hollyhocks.

**Myosotis. Forget-Me-Not.** Half-hardy perennial, which flowers the first year from seed if sown early. Will bring forth lovely blossoms thruout the whole summer and fall. Flowers are borne on long, stiff stems and of the most exquisite sky-blue, with a delicate white center. They succeed best with moisture in a somewhat shaded position.

Blue, Pkt., 5c. White, Pkt., 5c. Mixed, All varieties. Oz., 30c; pkt., 5c.

**Pentstemon. Beard Tongue.** Attractive plants, much used in the hardy border. The bushes are pyramidal, 2 to 3 feet high, with erect branches, thickly set with flowers 1½ inches long varying in all shades from rosy-white to purple with white or veined throats. Mixed colors, pkt., 5c.

**Physostegia. False Dragon Head.** Beautiful plants, forming dense bushes 3 to 4 feet high and bearing freely during the summer months spikes of delicate tubular flowers not unlike a giant heather. Pkt., 10c.



**Platycodon grandiflorum. Japanese Bell-Flower.**

Form neat branched bushes of upright habit which bears a continual succession of large, showy, star-shaped, deep blue or white flowers from June until October. Plants are about 1½ feet high. All varieties mixed. Pkt., 10c.

**Perennial Poppies.** These hardy varieties are very beautiful, blooming from June until October. For plants see page 75.

**Iceland Poppy.** White, reddish-orange or golden yellow flowers. Very hardy and a permanent perennial when established in congenial soil. Pkt., 10c.

**Oriental Poppy.** For brilliancy of color there is nothing to equal these flowers, all of enormous size, often measuring 6 inches in diameter, while colors range from soft blush and rose, to the most brilliant scarlet and richest maroon purple. Their culture is extremely simple, they are perfectly hardy, living thru our winters with little protection, and increasing in size and beauty every year. All varieties mixed. Pkt., 10c.

**Fringed Alpine.** Will flower first season if sown early. Flowers are white, rose, salmon or orange. Pkt., 10c.

**Polygonum compactum. Knotweed.** Excellent hardy perennials of dwarf habit, forming bushes 12 to 15 inches high, which are completely covered with a mass of foamy white flowers thruout the fall. Pkt., 15c.

**Pueraria Thunbergiana. Japanese Kudzu Vine.** The fastest growing hardy plant. Bears small racemes of rosy purple pea-shaped blossoms in August. Grows 10 feet the first year from seed. See page 73 for plants. Pkt., 10c.

**Polemonium. Jacob's Ladder.** Highly ornamental perennial; foliage deeply cut; flowers in clusters of blue and white. Deep Blue, pkt., 10c; Pure White, pkt., 10c.

**Primula Japonica.** These are not so well known as they deserve; they are of free, vigorous growth, with dark green foliage, and send up in the late spring innumerable stems of large flowers in many colors. A moist, rich, almost boggy soil is wanted for this fine plant. Mixed colors varying from rich crimson to white. Pkt., 15c.

**Rudbeckia. Cone Flower.** R. Fulgida. Very effective variety, producing in August and September, masses of brilliant, orange-yellow flowers. 3 feet. Pkt., 10c.

**R. Newmanii.** Magnificent autumn flowering perennial; flowers large, bright orange-yellow petals; center maroon, cone-shaped. 3 feet. Pkt., 15c.

**R. Purpurea.** A most striking hardy perennial; flowers all summer; very large, reddish-purple. 3 feet. Pkt., 15c.

**Scabiosa caucasica.** A very handsome hardy perennial. Flowers large, lilac-blue; very valuable for cutting. Excellent border plant; July to October. 2 feet. Pkt., 15c.

**Shasta Daisy.** See Chrysanthemum, page 61.

**Stokesia Cyanea. Cornflower Aster.** A most charming and beautiful plant. It grows from 18 to 24 inches high and bears freely, from July to October, handsome, blue, Aster-like blossoms, measuring 4 to 5 inches across. It is of easy culture succeeding well in an open, sunny location. It is also fine for the hardy border and for massing. Pkt., 10c.

**Sunflower. Helianthus.** Seeds sown early will produce flowering plants the first year. Hardy perennial Sunflowers are fine subjects for the border and indispensable as cut flowers.

**Maximiliana.** Flowers single-clear yellow, with several rows of large ray petals and full center. Blossoms late in the autumn. Height 6 feet. Pkt., 10c.

**Mollis.** Rich bright yellow flowers with silvery white foliage. Height 6 feet, blossoms in August and September. Pkt., 10c.

**Multiflorus fl. pl.** Dwarf double yellow, resembling a yellow aster; blooms in August. Pkt., 10c.



Oriental Poppy.

**Sweet William. Dianthus Barbatus.** A well known, attractive, free-flowering, hardy perennial producing a splendid effect in beds and borders with rich and varied flowers. The demand for separate colors has induced us to offer this season several of the best and most distinct flowering sorts.

Single White.....	Pkt., 5c	Single Violet, with white eye.....	Pkt., 5c
Single Crimson.....	" 5c	Single Mixed. All colors	" 5c
Single Scarlet.....	" 5c	oz., 25c.....	" 5c
Single Velvety Black	" 5c	Double Mixed ¼ oz., 25c..	" 5c
Maroon.....	" 5c		
Red, with white eye.....	" 5c		

**Tritoma. Red Hot Poker.** Very free blooming, flowering continuously thruout the season. It will bloom the first year if seeds are sown early. The flowers are large spikes of brilliant flame color, with long stalks. Pkt., 10c.

**Veronica. Speedwell.**

**V. Spicata.** Elegant hardy perennial, of easy culture; height, 18 inches, flowers all summer; showy spikes of bright blue flowers, which lengthen with age. Pkt., 10c.

**V. Rosea.** Bright rose-colored flowers, produced on spikes 12 to 18 inches long. Pkt., 15c.

**Wallflower.** Well-known, deliciously fragrant; blooming early in the spring, with spikes of beautiful flowers. They should be protected in a cold frame in the winter, and planted out in April.

**Paris Extra Early.** A beautiful single variety, which may be treated as an annual, flowering thru the summer from seed sown in the spring. Pkt., 10c.

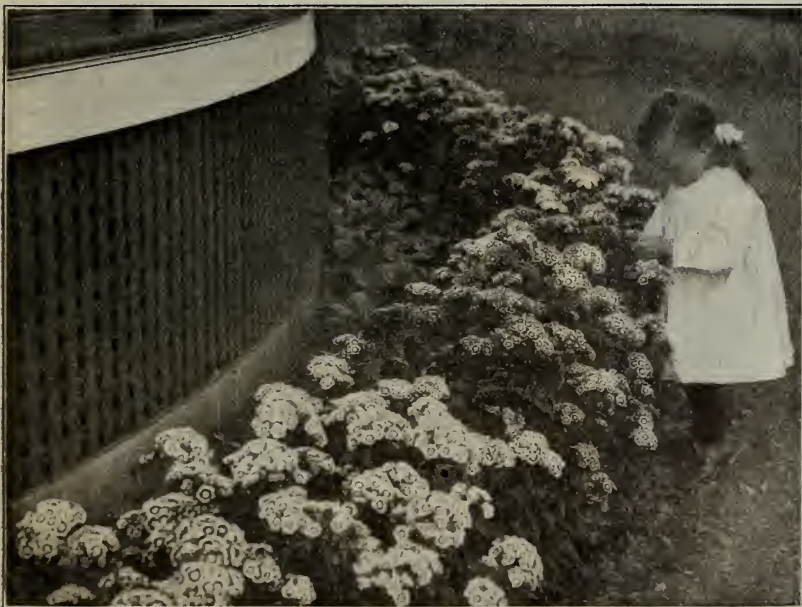
**Goliath.** A splendid single variety for forcing; flowers of a rich shining red with a black velvety sheen. Pkt., 15c.

Single Mixed. All colors. Pkt., 5c.  
Double Finest Mixed. Pkt., 10c.

**Special Offer of Hardy Perennial Flower Seeds.**

Nothing is more attractive than a permanent bed or border of Hardy Perennials. Many of them bloom the first year if sown in accordance with cultural directions as outlined in our "Hand Book for the Garden," (which, if asked for, is sent free with all orders for flower seeds) and continue to bloom year after year, increasing in size and beauty, making a grand and gorgeous display thruout the entire summer. Our selection embraces all of the most popular and hardiest varieties, those that cannot fail to please, and we offer extra large packets—embracing a large assortment at 25c a packet.

Our customers should not fail to ask for our "Hand Book for the Garden" when ordering. It is sent FREE with ALL FLOWER SEED ORDERS if requested. It contains full and accurate cultural directions on flower seeds as well as other valuable information that cannot fail to interest.



Sweet William.

## AMARYLLIS

There are a great many species of Amaryllis, all producing lily-like flowers but, in color varying from the richest crimson and scarlet to pure white and, in size from very delicate blossoms scarcely an inch in diameter to those which measure from six to nine inches across.

**Amaryllis Formosissima.** JACOBÆN LILY. A curious and attractive crimson flower, being singular in the fact that the flowers are produced before the leaves appear. The bulbs are not hardy but they can be easily preserved during the winter in a dry cellar and planted in the open ground in the spring. Each, 15c; doz., \$1.35, postpaid.

**Amaryllis Belladonna Major.** These throw up great clusters of beautiful rosy white flowers. They should be planted in well-drained soil, the top being about two inches below the surface. Surround and cover the bulb with sand so as to have some winter protection. Each, 25c; doz., \$2.50.

**Amaryllis Hallii.** *Lycoris Squamigera.*

Perfectly hardy Amaryllis producing beautiful pink flowers. One of the very good things never widely introduced and almost lost to floriculture. Produces in early spring attractive green foliage, which grows until July, when it ripens off and disappears, and one not familiar with its habits would think the bulb had died, but about a month later as if by magic the flower stalks spring from the ground to a height of two or three feet, developing an umbel of large and beautiful lily shaped flowers 3 to 4 inches across and 8 to 12 in number, of a delicate lilac pink shaded with clear blue. In planting cover the crown about 4 inches. Very useful for the hardy border or among shrubbery. Each, 35c, postpaid.

**Amaryllis Johnsonii.** The immense trumpet-shaped flowers, measure 6 to 8 inches across, are borne on strong, fleshy flower spikes and are of rich, deep velvety crimson, each petal having a broad white stripe, contrasting beautifully with the deep red color. Each, 35c, postpaid.

**Amaryllis Vittata Hybrids.** Beautiful, striped, flaked and feathered varieties, unexcelled for richness of color and markings. Each, 50c.

## TUBEROUS ROOTED BEGONIAS

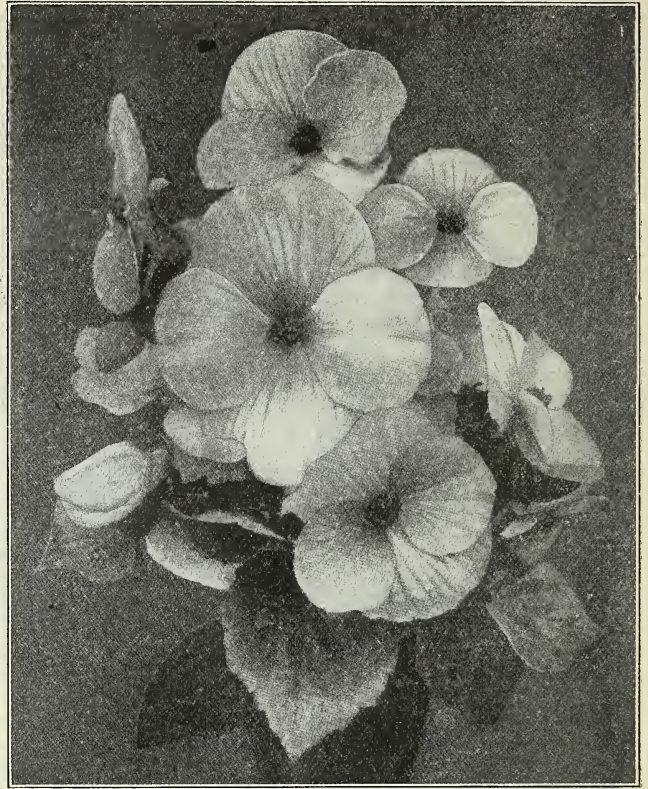
For showy lawn beds and borders we know of no flower that equals the Tuberos Rooted Begonia in ease of culture, brilliancy of bloom, beauty and attractiveness of foliage. The flowers are from 5 to 7 inches in diameter; the plants grow about twelve inches in height, bloom from early summer until time of frost, and fairly blaze with their gorgeous coloring of crimson, rose, yellow, scarlet, white and orange.

Tuberos Rooted Begonias are adapted not only for bedding and window box decoration, but for indoor blooming in pots. In addition to their great and striking beauty, they have the additional merit of being very reasonable in price, especially the Single sorts, which on this account, as well as for their beauty, are particularly recommended for planting on a liberal scale where striking color effect is desired.

The value of Tuberos Rooted Begonias is becoming more appreciated each season. They are easily cultivated, not likely to be attacked by insects or blight, and succeed in any good soil which is kept moderately moist. The tubers may be started in March, either singly in small pots or set two inches apart in flat boxes. The soil should be light containing plenty of leaf mold and sand. In planting, care should be taken to set the crown of the tuber, which is usually somewhat depressed, upward. The tubers should be covered one-half inch with light soil and watered sparingly until they start, after which more water may be given. The temperature should be 60 to 70 degrees. The started plants may be transplanted to the beds in open ground early in June, at which time they should be in bloom. They may also be started in the open ground at the approach of warm weather with very good results. They will thrive either in full sunlight or partially shaded places, but when exposed to the sun they must be kept moist.



*Lilium Auratum.*



### Single Tuberous Begonia.

We offer Frilled, Single, Double and Crested Begonias at the strikingly low prices below named. Our bulbs are the largest size produced and have been imported by us in large quantities from the best growers of Europe.

**Single.** In separate colors, yellow, rose, scarlet, crimson, white and orange. Each, 5c; doz., 50c; 50, \$1.75; 100, \$3.50; 500, \$15.00; 1000, \$30.00.

**Single Mixed.** (Embracing all the above colors) Each, 5c; doz., 45c; 50, \$1.50; 100, \$3.00; 500, \$14.00; 1000, \$27.50.

**Double.** (In separate colors as above) Each, 10c; doz., 85c; 50, \$3.00; 100, \$6.00.

**Double Mixed.** (Embracing all the above colors) Each, 10c; doz., 75c; 50, \$2.75; 100, \$5.50.

**Frilled.** (Six colors, as above) Each, 10c; doz., 85c; 50, \$3.00; 100, \$6.00.

**Crested.** (Six colors, as above) Each, 25c; doz., \$2.50. Postpaid at single and dozen prices; larger quantities by Express at purchaser's expense.

### Calla Elliottiana.

This is the great new Yellow Calla of marvelous beauty. Flowers are very large, rich deep golden yellow, often 4 to 5 inches across the mouth, leaves are spotted with white. Such handsome foliage together with such remarkable flowers present a striking appearance indeed. Each, 50c, postpaid.

## HARDY LILIES

**Lilium Auratum.** The beautiful gold banded Lily of Japan and one of the grandest plants in cultivation. No species ever had so much general favor. A bed of 100 Auratums will produce flowers over a longer time than any equal number of any other of the lily species. The flowers which are often ten inches across are thickly studded with yellow and crimson spots, while in the center of each petal there is a golden band fading at its edges into the white. Bulbs should be planted as soon as the frost is out of the ground, the earlier the better. Plant in fine, rich well-drained soil. Bulbs, each, 25c; doz., \$2.50, postpaid.

**Lilium Elegans, incomparable.** Perfectly hardy, succeeds in most everywhere; flowers large and showy, pale scarlet. Bulbs, each, 15c; doz., \$1.50, postpaid.

**Lilium Longiflorum.** Pure white, trumpet-shaped, flowers in June or July, very hardy. Can also be grown as a pot plant. Bulbs, each, 15c; doz., \$1.50, postpaid.

**Lilium Speciosum Album.** Pure white flowers with a greenish band through the center of each petal. They are of great substance and very fragrant. One of the best for general culture. Bulbs, each, 30c; doz., \$3.00, postpaid.

**Lilium Speciosum Rubrum.** No words can overstate these famous Japanese Lilies. The brilliant beauty of the six broad white or pink petals are thickly dotted with rose or crimson spots, and the graceful form and brilliant color make them very effective and desirable. Especially thrifty and hardy. One of the best for garden culture. Bulbs, each, 30c; doz., \$3.00, postpaid.

**Lilium Tigrinum splendens.** (Improved Single Tiger Lily.) Has very large flowers of excellent form; color, orange salmon with dark spots. Bulbs, each, 15c; 2 for 25c; doz., \$1.25, postpaid.

**Lilium Tigrinum flore pleno.** (Double Tiger Lily.) This magnificent lily is of stately habit, bearing clusters of very large double flowers on tall, strong stems; color bright orange red, spotted with black. Bulbs, each, 15c; 2 for 25c; doz., \$1.25, postpaid.

# GLADIOLUS

A search be it ever so painstaking and complete, of the floral kingdom, will discover no flower of such easy culture, embracing the great range of color with endless combinations and variety, to equal the Gladiolus. It is rightfully called the people's flower. Even the orchid fails to equal it. Our bulbs are of the finest quality and will give bountiful satisfaction the first season. The bloom is continuous from end of July until frost. Plant the bulbs at intervals from April to June, retaining the strongest bulbs for the later plantings. The soil should be thoroughly manured and prepared and if the soil is stiff, fill the drill with sandy loam. Any fairly good garden soil will grow Gladiolus. Plant in full exposure to the sun. Set the bulbs 2 to 4 inches deep according to the size, and 4 to 6 inches apart in each direction. We recommend mass planting in square, oblong or round beds. They are also very effective when planted in clusters among Shrubs, Roses and Praonies. Before the ground freezes, dig up the bulbs, cut off the stalk growth and store in a cool dry place. The old bulb or corm may be removed a few weeks later.



## Northrup, King & Co.'s "Sterling" Mixture of Gladiolus.

Composed of choice and named varieties, including the finest, showy, large flowering seedlings, and latest introductions. All are strong, healthy, upright growth and flowers are of immense size. We prepare this mixture for those who desire a complete range of color and in large quantities at a reasonable price. It will be found of exceptional value, quality and diversity of color.

We offer large blooming bulbs only. Nothing better has ever been offered for the price. Doz., 35c; 100, \$2.50; 1000, \$20.00.

**Groff's Hybrid Seedling Gladiolus.** The most popular strain in America, the original introductions of Mr. Groff awarded certificate of merit by society of American Florists, New York, 1900. Each, 4c; doz., 30c; 100, \$2.00; 1000, \$18.00.

**Fine Mixed Gladiolus.** As the name signifies, this is a fine mixture and recommended to our customers who desire to make a brilliant show in the garden at a small cost. Doz., 25c; 100, \$1.50; 1000, \$12.00.

If wanted by mail add 10 cents a dozen for postage.

### Gladiolus in Separate Shades.

We offer strictly selected first size bulbs only, sure to give satisfactory flowering results the first season.

	Doz.	100	1000
White and Light Shades.....	.40	\$3.00	\$25.00
Pink and Rose.....	.35	2.50	20.00
Scarlet and Red.....	.35	2.25	18.00
Orange and Yellow.....	.50	4.00	
Striped and Variegated.....	.40	3.00	25.00

By mail, 10c a dozen, extra.

### Superb Named Gladiolus.

We have selected from a long list the following as being the finest 12 large flowering varieties, and in order to introduce these new sorts to those who are not acquainted with their superior merits in bloom and beauty, covering a very rich range of color, we make a special offer of one strong flowering bulb of each for \$1.00, postpaid. Set the bulbs as deep under the surface as the diameter of the bulb. Water when they are started and when the buds show color.

**America.** A beautiful soft flesh pink. By far the most vigorous and easily grown Gladiolus known. Strong and healthy, with luxuriant dark-green foliage and a freedom of growth and flowering surpassing all others. Spikes two to three feet long, erect with a great number of large spreading blossoms, all facing one way and showing a color, the delicacy and beauty of which, it is impossible to describe or reproduce. It is an exquisite soft lavender pink, very light, almost a tinted white. No color like it in any other Gladiolus. As a cut-flower it is perfectly immense, lasting in water for a week or more, the great blossoms retaining full size and delicate coloring.

	Each	Doz.	100
Augusta. Lovely pure white, with blue anthers.....	.15	\$1.50	\$10.00
Blue Jay or Baron Hulot. The only real blue Gladiolus It is a rich deep color of indigo shade.....	.05	.50	3.00
Brenchleyensis. Fine vermilion scarlet.....	.03	.25	1.75
Canary Bird. Finest yellow.....	.15	1.50	
Madame Monneret. Delicate rose.....	.05	.50	3.00
Mary. Pure white, flaked bright rosy crimson.....	.15	1.50	
Prolific Pink. A good pink, and a free grower.....	.04	.30	2.00
Princes. The Amaryllis-flowered Gladiolus. A most striking variety. The individual flowers are 5 1/2 inches in diameter and sometimes one inch larger. The petals are very wide and rounded, well reflexed, forming an almost circular flower. The color is brilliant scarlet-crimson with three broad, white blotches on the lower petals. Spikes produce 12 to 15 flowers and grow 4 feet in height. It is exceptionally healthy and its flowering is continuous.....	.15	1.50	
Reine Blanche. Pure white, with a carmine blotch.....	.03	.30	4.50
Shakespeare. White suffused with carmine rose.....	.15	1.25	
Wm. Falconer. Beautiful clear pink, immense flowers and spike.....	.10	1.00	

If wanted by mail add 10c a dozen for postage. Single bulbs are mailed without extra charge.

### OUR SPECIAL OFFER

One each of the

### 12 Superb Named Gladiolus

For \$1.00, Postpaid. A Surprise Collection for Everybody. **Caladium Esculentum** "Elephant's Ears." A hand-bearing leaves sometimes a yard or more in some plant of tropical aspect, on a lawn, or in groups; also useful for decorative effect near streams or ponds. Bulbs can be stored in dry sand in winter and kept from year to year. Desirable and widely popular. Large bulbs, 15c each; \$1.50 a doz., postpaid. By express \$7.50 per 100; extra large bulbs, each, 35c; a doz., \$4.00, postpaid; by express, \$15.00 per hundred; mammoth bulbs, each, 75c, postpaid.

### Giant Flowering Gloxinias.

A charming summer flowering house plant of very easy culture. Should be given as much light as possible, but shaded from the direct rays of the sun.

**Emperor Frederick.** Red, with pure white throat.  
**Emperor William.** Violet blue, with white border tinged and spotted, beautifully streaked and spotted.

**Defiance.** Rich crimson scarlet. **Mort Blanc.** Pure white.

Each, 15c; doz., \$1.50, postpaid. One of each of the four varieties, 50c.  
**Hyacinthus candicans.** Summer Hyacinth, snow white, 3 to 5 feet in height, with 20 to 30 pure white, bell-shaped flowers. Each 5c; doz., 50c; by mail, 60c a doz.

**Summer Flowering Oxalis.** Unexcelled for borders, margins and baskets. For margins set the bulbs about three inches apart and the foliage will produce an unbroken row, richly adorned with flowers. In autumn lift the bulbs and store in dry cellar.

**Dieppi.** The genuine, pure white. 10c a doz.; 25 for 15c; 100, 50c, postpaid.  
**Lasiandra.** Rose pink, 10c a doz.; 25 for 15c; 100 for 50c, postpaid.

**Taberoses.** This old fashioned pure white, sweet scented flower is one of the most popular of summer blooming plants.

**Mammoth Excelsior Dwarf Pearl.** Especially selected for our retail trade; by mail, each, 7c; 4 for 25c; doz., 60c, postpaid; by express at purchaser's expense, 100, \$3.00. We supply 25 and over at the hundred rate.  
**First Size Bulbs.** By mail, 3 for 12c; doz., 30c, postpaid; by express at purchaser's expense, 100, \$1.50.



Gladiolus.

Have used your seeds for a number of years and always found them good, no failures. In the line of flowers had beautiful Pantries, Sweet Peas and Verbenas. (MRS.) F. D. KEYE, Argyle, Minn.

I have found your seeds within the last 2 or 3 years to be satisfactory. I have had extra good luck with the flower seeds and bulbs. (MRS.) SMITH MITCHELL, New Sharon, Iowa.

# DAHLIAS

These plants are so well and favorably known as to require no description. No garden is complete without some of these handsome double flowers. Delivered April to June.

The principal requirements of the Dahlia are a sunny location, liberally manured, plenty of room, and the surface of the ground kept light. While they are easily cared for, first-class results are obtained only by first-class treatment. Those who love flowers and care for them in earnest will find that there is no plant which is more responsive to kind treatment.

We would recommend the "single stem, branching system," of culture, which is as follows:

One shoot only is allowed to grow. When it has two pairs of leaves and an undeveloped growth on the top, it is pinched back as far as the upper leaves. Four branches will then start, one on each leaf. When the plant is grown it will have a short, strong, single stem, which comes only an inch or two above ground, and four branches which are strong enough to hold themselves up without stakes, giving the plant a neat, bushy appearance.

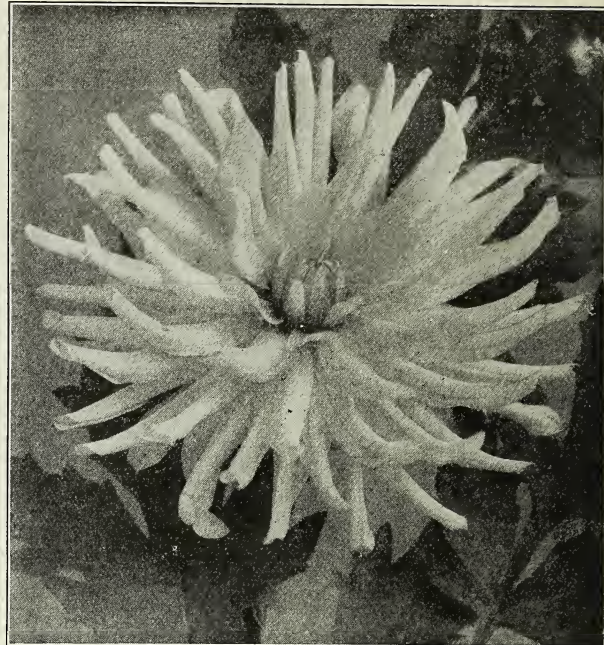
## DAHLIAS OF SPECIAL MERIT

Price, except where noted: Strong tubers, each, 25c; six, \$1.25; doz., \$2.50, postpaid.

- Country Girl.** (Cactus.) Base of petals golden yellow suffused with salmon rose, a bright and pleasing combination of color, difficult to describe. Flowers are very large and perfect in form. Very fine.
- Countess of Lonsdale.** The freest-flowering Cactus Dahlia in the collection, and perfect in form. Color an exquisite shade of rich salmon, with just a suspicion of apricot at the base of the petals. Towards the tips the color deepens gradually to the softest carmine pink.
- Dainty.** This new European Cactus is most fittingly described by its name. The dainty coloring baffles description, but may be partly described as a lemon base, shading to an exquisite rosy pink at the tips. It has the other good qualities of freedom of blooms, which are thrown well above the foliage, while its form and habit of growth is all that could be asked. Strong tubers, each, 30c; per doz., \$3.00.
- Exquisite.** (Cactus.) Pure orange scarlet. A superb form, with long pointed petals. Produces a mass of flowers, which are held well above the foliage.
- Floradora.** (Cactus.) A most valuable addition to the cactus list. A marvel of productiveness and of exquisite form. Deep blood red.
- Charm.** Petals long and regular, delicate salmon rose, changing to pale pink; often pink edged with salmon rose. Very fine both in color and form.
- Glencoe.** An exquisite bright scarlet of the show type. Flowers almost as glaucous as a ball and quite double. A fine variety for cutting, as the stems are very long, holding the flowers well above the foliage.
- Grand Duke Alexis.** A magnificent Dahlia of the largest size. Its petals are beautifully quilled, giving a very unique appearance. Its color is pure white, if slightly shaded, but overspread with delicate lavender when grown in bright sunlight. Undoubtedly one of the best of the show varieties.
- Gen. Buller.** Cardinal with crimson shading. Each petal tipped with pinkish white. Stems long. An extra fine Dahlia.
- Gabriel.** A fancy Cactus of excellent form, very large and full. Color varies from rich scarlet to creamy white, often striped scarlet and white.
- Harbor Light.** (Cactus.) A handsome variety, with large, fine form; petals long and narrow, dark red with shading of apricot in the center of the petals. Strong tubers, each, 30c; doz., \$3.00.
- Ingeborg Elizabeth.** This Dahlia is easily the first of its color in the Cactus class. The plant is a strong grower with bright green foliage, presenting a picture of wonderful richness when combined with the large mass of deep scarlet blooms. Flowers are borne well above the foliage on strong, medium length stems. Strong tubers, each, 30c; doz., \$3.00.
- J. H. Jackson.** (Cactus.) A tall growing variety, producing its finely formed flowers on long stems. Color, brilliant crimson maroon.
- Kriemhilde.** An exquisite delicate shell-pink shading to white in the center; undoubtedly the finest and most perfect pink Cactus Dahlia to date, and as a cut flower is likely to supersede all the other pink sorts.
- Mrs. Corfman.** (Decorative.) A fine vermilion scarlet flower borne on large stems well above the foliage. An interesting feature of this variety is its stems and branches, which are not green like the foliage, but a waxy pink almost transparent in appearance, which places it in a distinct class. Fine for either garden or cutting purposes. Each, 30c; doz., \$3.00.
- Mrs. H. J. Jones.** A beautiful large Dahlia with long claw-like petals curving forward. Color, bright vivid red, tipped and edged with pure white. Sometimes solid red, at others bluish white. One of the best to date.
- Mad. Dael.** (Mad. Van Den Dael.) An immense decorative Dahlia that has proven a favorite with all and is justly entitled to first place among all the shell pinks. It is very large, and yet it is chaste in form. Stems are exceptionally long and wiry, bringing the immense flowers above the foliage. Color soft shell pink. A noble Dahlia.
- Monrovia.** A new decorative Dahlia of fine form. Color, rich fawn shading to bronze, while the reverse of the petals show light purple, giving the flower the rich shading seen in changeable silk.
- Mrs. Winters.** This superb white Dahlia is now so generally and favorably known that an extensive description is not necessary. Reliable, always satisfactory, as a white it has neither superior or equal.
- Richard Dean.** (Cactus.) Rich vermilion scarlet, each petal tipped with white. Flowers held well above the foliage on long stems. Vigorous.
- Souvenir Douzon.** (Decorative.) An immense flower with broad flat petals and full to the center. This one is undoubtedly the best red in the decorative section.
- Uncle Tom.** Dark maroon, almost approaching black. Fine shaped flower with good stem.

## Four Fine Single Dahlias.

- Scarlet Century.** Bright vivid scarlet on very long stems, petals broad and evenly arranged. The best of all the red singles. Height 5 feet. Strong tubers, each, 30c; doz., \$3.00.
- White Century.** Similar to the two foregoing, except as to color, which is of the purest white. Nothing equal to it among the whites. Height 4 feet. Strong tubers, each, 30c; doz., \$3.00.
- Fres. Viger.** (Collarete.) Carmine red, yellow disc surrounded by a frill of pure white miniature petals. Very attractive. Height 3 feet. Strong tubers, each, 25c; doz., \$2.50.
- Twentieth Century.** Now so well known as to require but little description. Intense rosy-crimson tipped with white and having a white band around the disc. As the season advances they become lighter until they are almost a pure white suffused with soft pink; not variegated, but blended in the most beautiful manner. Height 5 feet. Strong tubers, each, 25c; doz., \$2.50.
- One each of the above 4 singles, postpaid for \$1.00.



Cactus Dahlia.

## Standard Cactus Dahlias.

This class embraces the long, narrow petaled varieties, the petals of which are generally pointed or twisted.

Strong tubers, each, 20c; six, \$1.00; doz., \$2.00, postpaid.

Collections. Purchaser's selection, any three varieties, 50c; six, \$1.00; twelve, \$2.00, postpaid.

- Brunhilde.** Rich dark purple. Petals long and loosely arranged.
- Estella.** Color, variable, ground varying from blush to dark pink, heavily streaked and marked with red.
- Earl of Pembroke.** Deep purple maroon, fine form.
- Gloriosa.** Bright scarlet, long curved petals. One of the best.
- Innovation.** Bright scarlet shading to white at the tip.
- Matchless.** Petals long and even. Dark maroon. Old but fine.
- Mrs. Chas. Turner.** This one is the finest of all the yellows in the Cactus variety. Extra large, with long, pointed petals and in perfect form. Bright.
- Mrs. Alvord.** A fine salmon pink with long regular petals.
- Prince of Orange.** A beautiful true Cactus form. In color, a blending of apricot, orange and bronze. Very free.
- Standard Bearer.** Rich fiery scarlet, one of the very best.
- Winsome.** Creamy white, good form.
- Zephyr.** A light feathery cactus form of unique coloring, rosy pink shading to heliotrope.

## Standard Decorative Dahlias.

This class is an intermediate form, having broad, flat petals.

- Strong tubers, each, 20c; six, \$1.00, postpaid.
- Collection. Set of six varieties \$1.00, postpaid.
- Eugene Teele.** A very fine deep scarlet produced on long stems.
- Henry Patrick.** Pure white. Flowers are very large and pure in color.
- Lyndhurst.** Scarlet or vermilion. A noble flower.
- A. D. Livoni.** Rich pink. Finely formed. A very handsome flower.
- The Chief.** Deep garnet red. Fine for cutting.
- Wm. Agnew.** Deep crimson. Flower very large. Good stem and form.

## Show and Fancy Dahlias.

The name Show applies to varieties producing large, well formed flowers, as having only solid colors, but may frequently have shaded tips. Fancy embraces all the variegated varieties.

- Strong tubers, each, 20c; six, \$1.00; doz., \$2.00, postpaid. Set of 12 varieties \$2.00, postpaid; or six varieties purchaser's selection \$1.00, postpaid.
- A. D. Livoni.** Rich pink. Finely formed. A very handsome flower.
- Bon Ton.** A fine ball-shaped flower of a deep garnet red. Extra fine.
- Frank Smith.** Rich dark maroon; sometimes tipped with pure white, shaded into pink. One of the best.
- Glori de Lyon.** Pure white. The largest white Dahlia in cultivation.
- Kate Haslam.** A beautiful soft pink. Petals beautifully quilled.
- Lady Midway.** A very beautiful flower. White ground shaded to pale lilac. Very large and full. A free bloomer.
- Lucey Fawcett.** Sulphur yellow; streaked and flecked with crimson, fine.
- Miss Dodd.** Purest yellow, of exquisite form and color. Handsome.
- Purple Gem.** Rich royal purple, clear and constant. This variety is a decided improvement over the old varieties. A first-class flower.
- Penelope.** White ground shading to pale lavender.
- Snow.** A beautiful pure white, long stem. Excellent for cutting.
- Salmon Queen.** Buff salmon, rounded and full.

## Pompon or Bouquet Dahlias.

This class embraces the small round Dahlias, the plants of which are generally of a dwarf, bushy habit.

- Strong tubers, each, 20c; six, \$1.00. Set of six varieties \$1.00, postpaid.
- Bacchus.** Clear bright red. Rounded and full.
- Cochineal Rose.** Deep Cochineal red, of perfect form.
- Catherine.** Bright yellow. Good form and stem.
- Darkness.** Very dark maroon. Extra fine.
- Pure Love.** Beautiful Lilac.
- White Aster.** Pure white, petals fringed. Excellent for cutting.

# Northern Grown Ornamental Nursery Stock



The best grown trees are Northern Grown trees. Why? Because there are no other trees so vigorous in growth, so hardy in resisting cold winters and dry summers, so early to bloom, so early to fruit, as the trees that are grown where the season of growth is short and the season of rest and wood-ripening is long. The demand for hardy ornamental nursery stock is steadily increasing. Each year we receive more orders for this class of stock, and more inquiries as to what varieties are suited to culture in this latitude. People are coming to recognize that the standard of hardiness applied in the catalogs of nurseries in the eastern and central states is not a safe standard for Minnesota and adjoining territory.

To meet the demand for hardy stock we have prepared the following list as comprising the best varieties grown and which have been sufficiently tried to warrant their recommendation. Many well known sorts have been omitted for various reasons—lack of hardiness in particular—and the collection thus includes those things which are most desirable and dependable for ornamental planting north of the 40th parallel and west of longitude 85 degrees. Hardy nursery stock is what you want—it is what you must have if you make a success in planting. This alone is a sufficient reason why you should favor us with your orders.

## Hardy Shade and Ornamental Trees.

Under this head we include selected varieties of Deciduous Trees and Coniferous Evergreens best adapted for use in the North. Attention is called to some of the newer varieties in our list, all of which have been well tested and should be added to collections already planted.

Our stock in this class is all strong transplanted, offering well developed roots and good form. The stock quoted here is of the sizes most used for lawn planting, averaging between 3/4 inch to 1 1/4 inches in caliper and 6 to 12 feet in height according to the variety. Diameter given is at 1 ft. from ground. In most varieties 1 inch trees average 6 to 8 feet, 1 1/4 inch, 8 to 10 feet, etc. By express or freight only.

### Acer. Maple.

**A. dasycarpum.** WHITE OR SILVER MAPLE, SOFT MAPLE. The well known North American species; a favorite street tree. 1 1/4 inch, each, 60c; 10, \$5.00; 1 inch, each, 50c; 10, \$4.50.

**A. dasycarpum var. Wierii laciniatum.** WEIR'S CUT LEAVED SILVER MAPLE. A remarkable and beautiful tree, much planted in the past quarter century. Its growth is rapid, branches slender and drooping, giving it a habit almost as graceful as the Cut Leaved Birch. The foliage is abundant with deeply serrated edges; long leaf stalk, tinted red on upper surface. It ranks among the most interesting and attractive lawn trees and is especially adapted to small places. Bears trimming well. 1 inch, each, \$1.25; 3/4 inch, each, \$1.00.

**A. platanoides.** NORWAY MAPLE. A handsome tree of a spreading roundish form with broad, deep green, shining foliage. Desirable for street, park or lawn. 1 inch, each, \$1.50; 10, \$12.00; 3/4 inch, each, \$1.25; 10, \$10.00.

**A. platanoides var. Schwedlerii.** SCHWEDLER'S NORWAY MAPLE. A beautiful variety with the young shoots and leaves of a bright purplish-red color which changes to a purplish-green in the older foliage. 1 inch, each, \$1.50; 10, \$12.00; 3/4 inch, each, \$1.25; 10, \$10.00.

**A. saccharinum.** SUGAR OR ROCK MAPLE. A well known native tree of elegant pyramidal form. Much used for avenue planting, and makes a splendid specimen tree for its brilliant autumnal coloring. 1 1/4 inch, each, \$1.25; 10, \$10.00; 1 inch, each, \$1.00; 10, \$9.00.

**A. tartaricum.** TARTARIAN MAPLE. A native of Southeastern Europe, of medium size and roundish form; leaves small. Turns to a beautiful scarlet in autumn. A distinct and attractive dwarf tree of moderate growth; valuable for grouping. 1 inch, each, \$1.25; 10, \$10.00; 3/4 inch, each, \$1.00; 10, \$9.00.

**A. tartaricum var. ginnala.** SIBERIAN MAPLE. Of dwarf habit and compact form with medium to small sized leaves which turn to a rich scarlet in autumn and hang on well after first frosts. A splendid ornamental tree for small grounds. 1 inch, each, \$1.00; 10, \$9.00; 3/4 inch, each, 75c 10, \$6.50.

### Betula. Birch.

**B. alba.** EUROPEAN WHITE BIRCH. Tree graceful, quite erect when young but assumes a drooping habit with age. 1 1/4 inch, each, 80c; 10, \$7.50.

**B. alba var. pendula laciniata.** CUT LEAVED WEeping BIRCH. Beyond question, this variety is the most popular of all pendulous trees. Its tall, slender yet vigorous growth, gracefully drooping branches, silvery white bark and delicately cut foliage presents a combination of attractive characteristics rarely met with in a single tree. We have a fine stock of this variety, all grafted trees. Hardy and desirable everywhere. 1 inch, each, \$1.25; 10, \$10.00.

**B. populifolia.** AMERICAN WHITE BIRCH. The well known American species; of rapid growth and fine foliage. Should be planted more. 1 1/4 inch, each, 80c; 10, \$7.50.

### Catalpa bignonioides, var. speciosa.

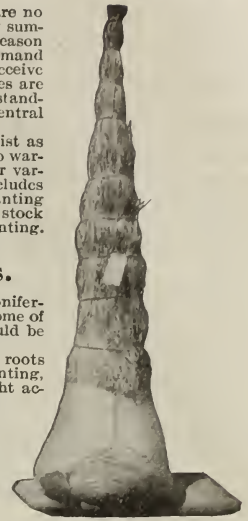
**Western Catalpa.** Originated in the Middle West where it is much used in forestry plantings. Its blossoms open two or three weeks later than eastern varieties. Hardy except in extreme seasons. 1 1/4 inch, each, \$1.00; 10, \$9.00.

### Celtis occidentalis. Hackberry.

A valuable native tree either for shade as a lawn specimen or for street planting. Has a wide spreading head with light green foliage; of vigorous growth, transplants easily and thrives in almost any soil. In general appearance it resembles the Elm but the foliage is softer in effect and much more beautiful. 1 1/2 inch, each, \$1.00; 10, \$9.00.

### Fraxinus viridis. Green Ash.

Well known in the West where it is much used as a street tree on account of its fine, regular form and hardy characteristics. 1 3/4 inch, each, 80c; 10, \$7.50.



Express Shipments a Specialty.  
Light but well packed from root to top.



Sugar or Rock Maple.



# Coniferous Evergreens

The cone-bearing evergreens indigenous to the northern states furnish some of the rarest species for ornamental planting—particularly as they alone can give color to the winter landscape when the deciduous trees are divested of their foliage. If carefully handled evergreens transplant as successfully as any other tree. Our stock as quoted herein has all been transplanted twice and three times in the nursery and is well furnished both in root system and branches.

**Abies Balsamea. Balsam Fir.** A slender, pyramidal tree of rapid growth and well adapted to lawn planting. Foliage dark green, silvery beneath. Very handsome and well formed tree, 12 to 18 inches, each, 40c; 10, \$3.50; 18 to 24 inches, each, 50c; 10, \$4.50; 24 to 30 inches, each, 60c; 10, \$5.00.

**Picea Spruce.** Spruces in cultivation. A native tree of great merit, 12 to 18 inches, each, 30c; 10, \$2.50; 18 to 24 inches, each, 45c; 10, \$4.00; 24 to 30 inches, each, 60c; 10, \$5.00.

**P. Douglasii. Douglas Spruce from Colorado.** Large, conical in form with horizontal spreading branches, foliage light green above, glaucous below, 12 to 18 inches, each, 60c; 10, \$5.00; 18 to 24 inches, each, 75c; 10, \$6.00.

**P. excelsa. Norway Spruce.** A well known variety. Hardy but not so successful in the North as Picea Alba. 24 to 30 inches, each 60c; 10 \$5.00; 3 to 4 feet, each, 85c.

**P. mariana. Black Spruce.** A native variety of pyramidal form. Suitable for dry soils; one of the hardiest evergreens for northern planting. 24 to 30 inches, each, 40c; 10, \$3.50; 3 to 4 feet high, each, 60c.

**P. pungens. Colorado Spruce.** A noble tree from the Rocky Mountains. Branches stiff and close. Foliage light green. A valuable lawn tree. 18 to 24 inches, each, 75c; 10, \$6.50; 24 to 30 inches, each, \$1.00.

**P. pungens, var. glauca. Colorado Blue Spruce.** A form of P. Pungens with the same general character but foliage of an exceedingly rich silvery blue. One of the most valuable for ornamental planting. 18 to 24 inches, each, \$3.50; 2 to 3 feet, each, \$5.00.

**Pinus. Pine. P. austriaca. Austrian Pine.** Round form, vigorous growth; glossy, dark green foliage. Good for specimen or mass planting. 24 to 30 inches, each, \$1.00; 10, \$9.00; 3 to 5 feet, each, \$1.25.

**P. montana. Dwarf Mt. Pine or Mugho Pine.** A low, broad spreading tree, really more of a bush. Dwarf branches with deep green foliage. 12 to 18 inches, each, 70c; 10, \$6.00; 18 to 24 inches, each, 80c; 10, \$7.00.

**P. strobus. White Pine.** One of the most stately, beautiful and valuable of our native evergreens. Tall and straight with slender, glaucous foliage somewhat tufted at end of branch. An extremely graceful tree and valuable all over the Northwest. 18 to 24 inches, each, 35c; 10, \$3.00; 24 to 30 inches, each, 40c; 10, \$3.50.

**P. sylvestris. Scotch Pine.** A luxuriant grower in most any soil. Forms a broad, pyramidal tree of dense growth. Foliage of a pleasing bluish green. 12 to 18 inches, each, 30c; 10, \$2.50; 18 to 24 inches, each, 45c; 10, \$4.00; 24 to 30 inches, each, 60c; 10, \$5.00.

**Thuja. Arbor Vitae. T. occidentalis. American Arbor Vitae.** Our well known native variety and one of the best, if not the best, evergreen for hedges as it permits severe pruning and may be trained into any desired form. Extremely hardy, transplants easily and succeeds in nearly any soil. 12 to 18 inches, each, 30c; 10, \$2.50; 18 to 24 inches, each, 35c; 10, \$3.00; 24 to 30 inches, 40c; 10, \$3.50.

**T. occidentalis, var. pyramidalis. Pyramidal Arbor Vitae** Very upright with same habit as Irish Juniper. Growth very dense with rich, dark, luxuriant foliage. Very useful where columnar effects are desired. 12 to 18 inches, each, 60c; 10, \$5.00; 18 to 24 inches, each, 75c; 10, \$6.50; 24 to 30 inches, each, \$1.00; 10, \$9.00.

**T. occidentalis, var. sibirica. Siberian Arbor Vitae.** Growth compact; forming a round, even head. Works well in groups with Pyramidalis. 12 to 18 inches, each, 75c; 10, \$6.00; 18 to 24 inches, each, 85c; 10, \$7.50.

## Evergreens for Windbrakes and Hedge rows.

The three varieties offered are the hardiest and best for all Prairie sections, where a permanent Windbreak or Hedge row is wanted. All the three sorts, at a uniform price viz. 6 to 12 inches, seedlings, @ \$5.00 per 100; 12 to 18 inches, transplanted, @ \$10.00, per 100. No charge for crates or packing.

**Scotch Pine. Norway Spruce. Jack Pine.**

Evergreens can be safely transplanted long after the Deciduous Trees and Shrubs have come into leaf. Do not postpone planting them until Fall. Do it in May and early June.

## A New and Valuable Hardy Shrub Everblooming Snowball Hydrangea (Hydrangea Aborecens Sterilis)

Found growing wild in the rocky hills of Western Pennsylvania, this new hardy shrub was instantly recognized as something out of the ordinary and became a welcome addition to our list of really valuable plants. It is much more pleasing and attractive than the old Hydrangea. Its foliage has a freshness not found in the old variety. As many as 100 trusses of pure white flowers have been counted on one plant, some of them 7 1/2 inches in diameter; the heads of flowers are shaped like the pot Hydrangea. Thos. Hogg. The panicles are immense in size, but the everblooming habit of this variety is its most remarkable and valuable characteristic, blooming profusely from June until September. No hardy shrub introduced in years has had such unqualified endorsement as this New Everblooming Hydrangea. Each, 18c, or 3 for 50c, postpaid. Strong flowering plants by express at purchaser's expense, 18 to 24 inches, each, 50c; 2 to 3 feet, each, 65c; 3 to 4 feet, each, 85c.

# Flowering Plants

For Bedding, Window Boxes and Vases. Packing charges are included in prices given, but purchaser must pay transportation in every instance. Plants of all kinds should invariably be sent by express, as they will arrive at destination in less time than if sent by freight and will also be given better care and attention in transit. All sorts priced at \$1.00 or less a doz., 10c each; at \$1.50 a doz., 15c each, at \$2.00 a doz., 20c each. Where no sizes are given the plants we offer are from flats or frames transplanted. Delivery from May to early July.

Per Doz.	Geraniums—	Per Doz.
<b>Achyranthus.</b> Red, green and variegated..... \$ .75	<b>Alphonse Ricard.</b> Semi-double bright vermilion scarlet..... 2.00	
<b>Alternanthera.</b> Red and green..... .50	<b>Beaute Poitevine.</b> Semi-double salmon..... 2.00	
<b>Asters.</b> ..... 2 1/2 in. pots..... .25	<b>Jean Viand.</b> Semi-double rose-pink..... 2.00	
<b>Alyssum.</b> Sweet..... 2 in. pots..... .50	<b>Mme. Buchner.</b> Double snow white..... 2.00	
<b>Ageratum.</b> ..... .25		
<b>Ageratum.</b> ..... 2 in. pots..... .50		
<b>Beignia.</b> ..... Vernon for border..... 3 in. pots 1.00	<b>Geraniums. Silver Leaf</b> ..... 2 1/2 in. pots 1.50	
<b>Begonia.</b> Tuberos Rooted. Single, 6 colors, 4 in. pots..... 1.50	<b>Geraniums. Lemon Scented</b> ..... 2.50	
<b>Begonia.</b> Tuberos Rooted. Double, 6 colors..... 2.00	<b>Geraniums. Rose Scented</b> ..... 2.50	
<b>Candytuft.</b> ..... .25	<b>Hydrangea.</b> Otaka 5 in. pots, each..... 1.50	
<b>Cannas.</b> ..... 4 in. pots 2.50	<b>Heliotrope.</b> ..... 3 in. pots 4.25	
<b>Carnations.</b> Marguerite..... .25	<b>Lobelia.</b> ..... 2 in. pots .75	
<b>Cosmos.</b> ..... .25	<b>Pansies.</b> doz., 50c; 25 for \$1.00; 50, \$1.75; 100, \$3.50.	
<b>Cobaea Scandens.</b> 4 in. pots 2.00	<b>Petunias.</b> single and double, 4 in. pots 1.75	
<b>Coleus.</b> golden, green, red, black, and variegated..... 2 1/2 in. pots .75	<b>Ricinus.</b> ..... 3 in. pots 1.25	
<b>Daisy.</b> English..... .25	<b>Salvia.</b> ..... 3 in. pots 1.00	
<b>Daisy.</b> Marguerite..... 4 in. pots 1.75	<b>Salvia.</b> ..... Seedlings .25	
<b>Daisy.</b> Shasta..... 1 year old 2.00	<b>Verbena.</b> ..... 2 1/2 in. pots .75	
<b>Ferns.</b> Asparagus..... 4 in. pots 1.75	<b>Zinnias.</b> ..... 25	
<b>Ferns.</b> Boston..... 4 in. pots 2.00	<b>Sweet William.</b> ..... 4 in. pots 2.00	
<b>Geraniums.</b> ..... 3 or 4 in. pots 2.00	<b>Vincas.</b> ..... 4 in. pots 2.50	
<b>do S. A. Nutt.</b> Double crimson-scarlet..... 2.00		

## Large Flowering Cannas.

Very effective for bedding on the lawn, and equally good when grown as pot plants in the house or conservatory. They commence blooming soon after being planted out and flower profusely until stopped by frost. They require a deep soil, enriched with well rotted manure and should be watered freely. Our list embraces the best of the novelties and old standard varieties, everyone of which we recommend to our customers. We give the approximate height attained by the different varieties so that they may be properly arranged in bedding. Dormant roots are offered up to April 1st, at 15c each; 3 for 40c; doz., \$1.50, postpaid. Ready May 15th, strong plants from 4-in. pots, which will commence to bloom in a short while. Each 25c; 3 for 65c; doz., \$2.50; 100, \$18.00, by express only. Six at dozen rate, 25 and 50 at 100 rate.

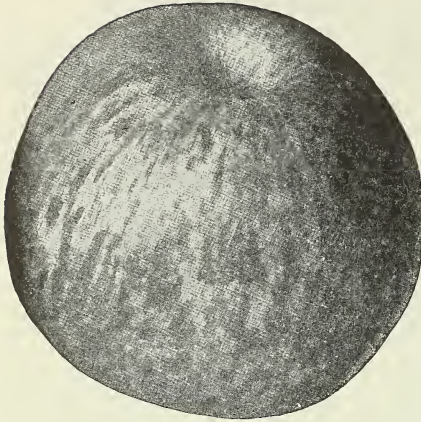
<b>Beaute Poitevine.</b> ..... 3 1/2 feet, dark crimson, green foliage.
<b>Black Beauty.</b> ..... 5 feet, red; the finest dark leaved variety.
<b>Buttercup.</b> ..... 3 1/2 feet, clear golden yellow, green foliage.
<b>Charles Henderson.</b> ..... 4 feet, bright crimson, green foliage.
<b>David Harum.</b> ..... 3 1/2 feet, vermilion scarlet, bronzed leaved.
<b>Florence Vaughan.</b> ..... 5 feet, yellow spotted crimson, green foliage.
<b>King Humbert.</b> ..... 4 feet, giant flowered, orange-scarlet, bronze leaf.
<b>Mad. Crozy.</b> ..... 3 1/2 feet, vermilion with gold border, green foliage.
<b>Mill. Berat.</b> ..... 4 1/2 feet, the nearest approach to pink, green foliage.
<b>President McKinley.</b> ..... 3 feet, bright scarlet, green foliage.
<b>Souv. d'Antoine Crozy.</b> ..... 4 feet, scarlet-crimson, bordered yellow.
<b>The Express.</b> ..... 3 1/2 feet, scarlet-crimson, green foliage.



Everblooming Snowball Hydrangea.

## SELECT APPLE TREES

Price three years old, five to six feet, each, 40c; 10, \$3.50.  
Four to five feet, each, 35c; 10, \$2.75.



Okabena Apple.

## CHOICE PLUMS

Price three years old, five to seven feet, each, 50c; 10, \$4.00. Four to five feet, each, 40c; 10, \$3.50.

**Cheney.** Early; dark red with blue bloom.  
**De Soto.** Unsurpassed for quality and productiveness. Season medium; fruit orange overlaid with crimson.  
**Hawkeye.** One of the largest and best; color dull red over yellow.  
**Ocheda.** Medium size; color dull mottled red. Sweet and rich.  
**Surprise.** Fruit large; color bright red; quality extra good; season medium.  
**Weaver.** Free stone. Fruit large, oval; color orange overlaid with red. Medium late.

## GRAPES

Price two years old, No. 1 Stock.  
Each, 25c; 10, \$2.00.

Black and Purple Varieties.

Beta Campbell's Early, Concord, Janesville, Moore's Early.  
Red Varieties, Brighton, Delaware.  
White, Martha. Pale Green, Pocklington.

## RASPBERRIES

Red Varieties.

Root Cuttings, each, 10c; 10, 60c; 100, \$5.  
Cuthbert, King, Marlboro.

Black Varieties. "Black Caps."

Strong Tips. Each, 10c; 10, 60c; 100, \$5.  
Gregg, Ohio, Oldern.

## BLACKBERRIES

From Root Cuttings, each, 10c; 10, 60c; 100, \$5.00.

**Ancient Briton.** One of the best known berries, large and sweet. Hardy; medium size and best quality.  
**Stone's Hardy.** Extremely vigorous and hardy. Fruit juicy, sweet, of fine flavor and good quality.  
**Snyder.** The canes are vigorous and annually productive. Berries medium, sweet, juicy and of fine flavor.

## CURRANTS

Two years old, each, 25c; 10, \$2.00.  
Red Varieties.

Cherry, London Market, North Star, Perfection, Pomona, Prince Albert, Red Dutch and Victoria.  
Best White. White Grape. Best Black. Lee's Prolific.

## GOOSEBERRIES

Two years old, each, 30c; 10, \$2.75.

**Downing.** Large and handsome pale green berry; splendid quality for dessert or cooking.  
**Pearl.** Large pale green berry, very hardy, healthy and productive.  
**Red Jacket.** Fruit large, smooth red of first class flavor and quality.

**Anisim.** Fruit medium, greenish with dark red, sub-acid. Season, November to January.  
**Duchess.** Large greenish-yellow with red stripes; great cooking favorite. August and September.  
**Hibernal.** Fruit large, greenish-yellow and bronze-red; flesh acid, juicy and good for cooking. November and December.  
**Malinda.** Fine keeper. Season February to March; fruit medium; green with blush; flesh hard.  
**Northwestern Greening.** Large, green becoming yellowish-green. One of the best. December to March.  
**Okabena.** Very popular; fruit medium, yellow-striped and splashed with carmine; quality excellent, crisp and juicy. September to November.  
**Patten's Greening.** Large, green and blush; flesh yellowish-white, pleasant acid flavor. November to January.  
**Tetofski.** One of the earliest. Fruit small to medium; light yellow, striped and splashed red. Fruit tender and juicy.  
**University.** Fruit large, clear yellow; flesh white and of good quality. November and December.  
**Wealthy.** Splendid dessert and cooking apple. Season October to March. Fruit large, light yellow with crimson stripes and splashes. Flesh white, very juicy and of delicious aroma.  
**Whitney.** An early and heavy bearer. Season August and September. Fruit large, yellow and red; flesh yellow, rich and sweet.  
**Wolf River.** One of the largest grown in the North. Season October to January. Very handsome and showy.

## Crab Apple Trees.

Prices same as Apples quoted above.

**Hiller.** Red and green. September and October.  
**Hyslop.** Deep crimson. October to December.

## STRAWBERRIES

Price postpaid, 25, 35c; 100, \$1.25.  
By express at buyer's expense,  
100, 75c; 1000 \$6.00; 250 of  
a kind at 1000 rate.

We have aimed to include only those varieties which by actual test have proven the most reliable for this section.

**Bederwood** (perfect). One of the best for home use or market. Fruit large, bright scarlet, firm and of fine quality. Early.

**Brandywine** (perfect). A valuable late sort. Berries large, bright glossy crimson, firm and of good flavor. **Crescent.** One of the oldest and best, and a great yielder under good cultivation.

**Lozett** (perfect). A hardy variety, very firm berry of good color. Medium to late.

**Sample** (imperfect). A large, fine berry; a great yielder and a good shipper. Makes a large plant, roots deep.

**Senator Dunlap** (perfect). One of the best market berries, prolific and profitable; bright glossy red, of first class quality. Midseason.

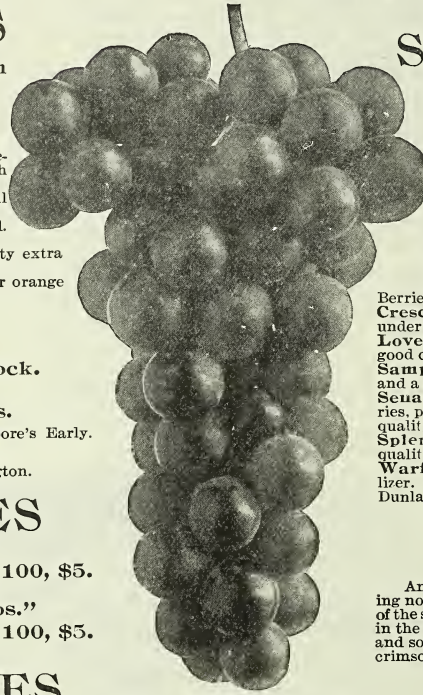
**Splendid** (perfect). Large, handsome deep red of fine quality.

**Warfield** (imperfect). Plant with Bederwood for a fertilizer. An excellent sort; in appearance much like Senator Dunlap.

## Strawberry Raspberry

(*Rubus Sorbifolius*).

Another introduction from Japan which is an interesting novelty. It is really a dwarf raspberry, having nothing of the strawberry in its composition. Bush dies to the ground in the fall, making a low spreading plant. Fruit is the size and somewhat the shape of a strawberry. Color a brilliant crimson; flavor fair. Each, 50c.



Campbell's Early Grape.

Grew Fast And Fine.

*Last year I got a Baby Rambler Rose from you that I greatly appreciate. Both propagating and packing were admirable. It grew fast and fine, giving me many roses in a few months.*

F. E. WINNING,  
Fruitvale, California.

Splendid Satisfaction.

*I have received several plants from your nursery, and they gave splendid satisfaction.*

(MRS.) H. W. SHIELEY.

Burr Oak, Iowa.

Very Much Surprised.

*Received two Clematis vines from you this year, one of which bloomed this season. Was very much surprised. Both seem strong and doing fine.*

M. M. ANDERSON.

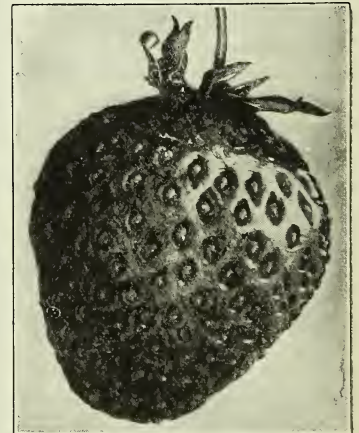
Dayton, Iowa.

Highly Pleased.

*I am writing you a line to thank you for the beautiful supply of seeds you sent me. I cannot tell you how pleased I was with them; the packets were so full and the roses are all fresh and beautiful, and I am highly pleased with them.*

(MRS.) H. W. MILLER.

South Oil City, Pa.



Senator Dunlap Strawberry.



# HARDY ORNAMENTAL SHRUBS

In any ornamental planting, shrubs fill an important place, standing as they do between the herbaceous plants and the still higher growing trees. With the shrubs we obtain those mass effects so pleasing to the eye on a well arranged lawn, and they should be brought together in groups rather than scattered over the area. Like the plants, they offer a wide variety in size, season of bloom and color. Many of them have a distinct beauty of foliage quite indispensable for permanent effects. By a judicious selection not only succession of flowers may be secured, but graduation of height and harmony of foliage as well. Growing interest in the birds leads many to plant such shrubs as Juneberry, Buffalo Berry, Mulberry, Honeysuckles, etc., to furnish the feathered songsters with food and nesting places. Our list comprises the best varieties, known by test to be hardy. The height indicated is the average attained at maturity under ordinary conditions.

**Key to size and blooming period.** To assist the buyer in making selections from groups and in their proper arrangement when planting, we give average height and season for blooming, using figures for the months. Thus, "3-4 ft., 7-9" means that the species under ordinary conditions attains a height of 3 to 4 feet and blooms in the months of July, August and September.

By express or freight only, except where noted. Five of a kind at the rate for ten, less than five at the each rate.

## Amelanchier botryapium, var. Success.

**Success Juneberry.** 5-6 ft. An improved variety of the native April followed by dark red berries which are edible and of very good quality for pies, sauces, etc. It has a nice habit and fine foliage. Each, 40c; 10, \$3.50.

**Berberis. Barberr.** *B. vulgaris.* COMMON BARBERRY. 4-5 ft., 5. An upright grower with light green foliage, yellow flowers and crimson berries. Each, 40c; 10, \$3.50.  
*B. vulgaris, var. purpurea.* PURPLE BARBERRY. 4-5 ft., 6. Similar to *B. vulgaris* but with deep purple foliage. Each, 40c; 10, \$3.50.

**B. thunbergii.** THUNBERG'S JAPANESE BARBERRY. 3 ft., 6. Of low, spreading growth, forming a dense, impenetrable bush. Foliage takes on a splendid autumn coloring. Each, 40c; 10, \$3.50.

## Caragana Arborescens. Siberian Pea Tree.

15-20 ft., 6. An upright grower and very hardy, with beautiful, dense acacia-like foliage. Yellow pea-shaped flowers followed by long, slender pods. Makes a fine screen for ornamental planting and will grow to a good height. Each, 40c; 10, \$3.50.

## Clethra Alnifolia. Sweet Pepper Bush.

4 ft., 7-9. A beautiful shrub with rich green foliage; showy white spikes in autumn. Each, 50c; 10, \$4.75.

## Cornus Stolonifera. Red Osier Dogwood.

4-5 ft., 5. Very handsome and popular on account of its dark red bark which makes it peculiarly effective in winter when the foliage is off. Each, 50c; 10, \$4.00.

**Corylus. Hazlenut.** 4-5 ft., 5. A well known native shrub from our northern forests. Its fruit although small is of splendid quality. Under cultivation this shrub makes a fine formed ornamental species and is particularly adapted to mass planting on the lawn. The foliage is of the finest appearance being thickly borne on long, graceful stems and of light, soft green color. Each, 50c; 10, \$4.00.

**Deutzia. D. crenata.** 5 ft., 6. Showy, white tinged pink flowers in close spikes. Vigorous, upright growth and dense foliage. Each, 40c; 10, \$3.00.

**D. Gracilis.** 3 ft. One of the best low growing shrubs. Flowers pure white appearing in May and June. Graceful, slender branches. Each, 40c; 10, \$3.00.

## Diervilla rosea. Rose Flowered Weigelia.

5 ft., 5-6. A fine rose colored variety from China bearing large trumpet-shaped flowers. One of the most beautiful flowering shrubs. Each, 12c, postpaid; by express, each, 50c; 10, \$4.00.

## Elaeagnus argentea. Russian Olive.

**Silver Berry.** 5-20 ft., 8-9. A beautiful, small growing tree with light gray, olive-shaped foliage, the young growth being of the same color. The small yellow flowers which appear in June have a delightful and penetrating fragrance; small olive-shaped fruit in late summer. Each, 50c; 10, \$4.00.

## Euonymus atropurpureus. Burning

**Bush or Strawberry Tree.** 7-8 ft., 6. Broad foliage with small but showy flowers in clusters, followed in autumn by intensely brilliant crimson fruits in profusion. Each, 40c; 10, \$3.00.

## Forsythia Fortuneii. Golden Bell.

6-7 ft., 4-5. An upright spreading bush with handsome pendulous trumpet-shaped, bright yellow flowers. Foliage deep shining green. Each, 50c; 10, \$4.00.

## Hydrangea paniculata grandiflora

LARGE PANICLED FLOWERED HYDRANGEA. 7-8 ft., 8-9. The showiest of all autumn blooming shrubs, bearing immense heads of creamy white flowers, turning to pleasing shades of red with the approach of cold weather. We have picked trusses of flowers measuring 15 inches in length. Each, 10c, postpaid; by express, 18 to 24 inches, each, 40c; 10, \$3.50; 2 to 3 feet, each, 60c; 10, \$5.50.

## Hydrangea (Tree Form).

We offer an especially fine stock of above, trained to a straight stem to produce a small tree for ornamental planting. Grown in this way they make very striking specimens and are particularly adapted to use on small lawns. Should be supported with a stake until trunk becomes heavy enough to hold up the head. Each, 75c.

## Lonicera. Bush Honeysuckle.

**L. tartarica.** TARTARIAN HONEYSUCKLE. 8 ft., 6. Pink flowers which contrast beautifully with the foliage. A fine shrub for large hedges. Successful everywhere. Each, 12c, postpaid; by express, each, 50c; 10, \$4.50.

**L. tartarica, var. alba.** The same as *L. tartarica* except with creamy white flowers. Each, 12c, postpaid; by express, each, 50c; 10, \$4.50.

**L. tartarica, var. grandiflora.** A beautiful and vigorous shrub, producing bright red flowers striped with white. Each, 50c; 10, \$4.50.

**L. tartarica, var. splendens.** In this form both the leaves and the deep pink flowers are larger than the type. Deep red fruits. Each, 50c; 10, \$4.50.



*Hydrangea paniculata grandiflora.*

## Philadelphus. Syringa or Mock Orange.

**P. coronarius.** 7-10 ft., 6. The old well known variety with fragrant, pure white flowers. The most fragrant of any. Each, 12c, postpaid; by express, each, 40c; 10, \$3.50.

**P. Gordonianus.** GORDON'S SYRINGA. Strong, rapid growth; flowers large, slightly fragrant and produced late. Each, 40c; 10, \$3.50.

**P. grandiflorus.** LARGE FLOWERED SYRINGA. Rapid growth, red bark; flowers large and scentless. Each, 40c; 10, \$3.50.

## Prunus. Plum and Cherry.

**P. triloba.** DOUBLE FLOWERING PLUM. 3 ft., 5. A native of China and one of the finest, hardy, spring blooming shrubs in cultivation. A low, vigorous bush with fine foliage preceded by innumerable light pink and very double flowers almost entirely covering the branches. Each, 75c.

**P. virginiana.** CHERRY. 8-10 ft., 5. A fall shrub or small tree with grayish bark, and oblong, sharply serrated leaves. White flowers in spring, followed in summer by red fruit turning to crimson. Each, 50c.

## Rhamnus catharticus. Buckthorn.

4-8 ft. This variety is being much used for hedges in the north and central states. It is a stiff, twiggy bush and bears shearing well. Dark green foliage and white flowers in June and July where allowed to grow naturally and followed by showy black fruits. Each, 50c; 10, \$4.50.

## Rhus.

**R. cotinus.** MIST OR SMOKE TREE. 5-8 ft. A vigorous, bushy grower with large panicles of brownish-green, feathery flowers in June. Each, 40c; 10, \$3.50.

**R. glabra.** SMOOTH SUMACH. 6-7 ft., 6. Handsome pinnate foliage, assuming splendid autumn coloring; showy spikes of crimson fruits. Each, 40c; 10, \$3.50.

**R. glabra var. laciniata.** CUT LEAF SUMACH. 6-7 ft. A variety with deeply cut, fern-like foliage. Each, 50c; 10, \$4.00.

**R. typhina.** STAGHORN SUMACH. 7-10 ft. A large, handsome shrub with brilliant foliage and scarlet fruit in autumn. Each, 50c; 10, \$4.50.

## Ribes. Flowering Currants.

**R. aureum.** MISSOURI CURRANT. 5-6 ft., 5. Golden Yellow, spicily fragrant; flowers in showy racemes. Each, 40c; 10, \$3.50.

**R. sanguineum.** CRIMSON FLOWERED CURRANT. 3 ft., 7. Handsome, deep green foliage and very showy spikes of deep crimson flowers. Each, 40c; 10, \$3.50.

## Rosa Rugosa. Japanese Rose.

4 ft. Elegant, broad, shining green foliage; continuous clusters of showy, large, single flowers followed by immense fruits which are very attractive late in the season. One of the hand-somest shrubs for lawn planting. We carry two varieties in stock; one having red flowers and scarlet fruit; the other having white flowers and orange colored fruit. 2-year old, each, 40c; 10, \$3.50.

**Sambucus. Elder.**

**S. canadensis.** COMMON ELDER. 8 ft., 6-7. A useful plant where rapid growth and dense foliage are requisite. Each, 40c; 10, \$3.50.  
**S. nigra.** EUROPEAN BLACK BERRIED ELDER. 8 ft., 6. A medium sized, handsome shrub with purplish-black berries in September. Each, 35c; 10, \$3.00.  
**S. nigra, var. aurea.** GOLDEN ELDER. A magnificent variety with golden yellow foliage. Indispensable in grouping with other shrubs on account of the enlivening effect of its rich coloring. Each, 40c; 10, \$3.50.  
**S. racemosus.** SCARLET BERRIED ELDER. 8-9 ft., 5. White flowers followed by dense bunches of vivid colored fruits. Of decided ornamental value. Each, 50c; 10, \$4.00.

**Shepherdia argentea. Buffalo Berry.**

4-8 ft., 5. The coming shrub for ornamental hedges. A native of North Dakota and Manitoba and very hardy. Has a luxuriant growth of side spurs and the branches cover well with foliage after being trimmed. Leaves are a light green above and silvery beneath, giving an effect similar to the Russian Olive. Is also a very desirable specimen on the lawn. Each year finds more of this splendid variety being planted. Each, 50c; 10, \$4.50.

**Spiraea. Meadow Sweet.** This class of shrubs offers a great variety, both in flowers and foliage, making them of great value in a collection. They are of easy cultivation, rapid growth and will amply repay the planter with an abundance of flowers.

**S. Billardi.** BILLARD'S SPIRAEA. 4 ft., 6. A strong grower with dull green foliage and dense panicles of bright pink flowers. Each, 40c; 10, \$3.50.  
**S. Bumalda.** 4 ft., 7-8. Very handsome Japanese species, dwarf but vigorous. Flowers rose colored and in profusion. Each, 12c, postpaid; by express, each, 40c; 10, \$3.50.  
**S. Bumalda, var. ANTHONY WATERER.** 2-3 ft., 7-8. A fine new dwarf Spiraea with dark, crimson flowers, darker than Bumalda. One of the finest shrubs of recent years. Each, 15c, postpaid; by express, each, 50c; 10, \$4.00.  
**S. callosa.** FORTUNE'S SPIRAEA. 3-4 ft., 6. Has large panicles of deep rosy blossoms. Grows freely and blooms nearly all summer. Each, 40c; 10, \$3.50.  
**S. opulifolia, var. aurea.** GOLDEN SPIRAEA. 6-7 ft., 6. The strongest grower of this class and one of the most useful. Branches upright and drooping when loaded with its white flowers in June. Foliage is a bright, yellowish gold, finely shaped. An excellent sort for backing shrubbery or mass planting and also for hedges. Each, 40c; 10, \$3.50.  
**S. salixifolia.** WILLOW LEAF SPIRAEA. 4-5 ft. An upright grower with narrow, pointed foliage and rosy flowers in June and July. Each, 50c; 10, \$4.00.  
**S. sorbitifolia.** ASH LEAVED SPIRAEA. 4-5 ft. A vigorous growing bush with large, handsome foliage resembling that of the Mountain Ash. Long spikes of white flowers in July. Each, 40c; 10, \$3.50.  
**S. Van Houttei.** VAN HOUTTE'S SPIRAEA. 4-5 ft., 5-6. The best and most popular of all Spiraeas. Its long, slender branches are arched by their own weight and when covered with the handsome bluish-green foliage and masses of white flowers, the branches droop until the tips touch the ground. Each, 12c, postpaid; by express, each, 50c; 10, \$4.50.

**Symphoricarpus. Snowberry.**

**S. racemosus.** SNOWBERRY. 4 ft. Rose colored flowers in July and August followed by white berries which remain until winter and make it very showy. Excellent for shaded places. Each, 40c; 10, \$3.50.  
**S. vulgaris.** CORAL BERRY OR INDIAN CURRANTS. 3-4 ft. Resembles Racemosus but is more compact. The flowers which appear in July are succeeded by dark purplish-red berries in clusters. Valued for its persistent foliage and well adapted for shaded places. Each, 40c; 10, \$3.50.



Spiraea Anthony Waterer.



Snowball or Guelder Rose. (See Viburnum)

**Syringa. Lilac.**

Everybody is familiar with the common purple and white Lilacs, but few have yet seen the new and improved sorts which we now offer and highly recommend.  
**S. Japonica.** JAPAN TREE LILAC. 15-18 ft., 6-7. Pyramidal and upright in form, making a handsome little tree. Broad foliage and creamy white flowers which appear very late. Each, 50c; 10, \$4.50.  
**S. josikca.** HUNGARIAN LILAC. 6-7 ft., 5-6. A distinct species of tree-like growth with dark shining leaves and purple flowers. Each, 50c; 10, \$4.50.  
**S. persica.** PERSIAN LILAC. 5-6 ft., 5-6. From five to six feet high with small foliage and bright purplish flowers. Each, 50c; 10, \$4.00.  
**S. persica, var. alba.** WHITE PERSIAN LILAC. Delicate white fragrant flowers sometimes shaded with purple. Each, 50c; 10, \$4.00.  
**S. Siberica alba.** SIBERIAN WHITE LILAC. 7-9 ft., 6. A vigorous grower; foliage small and narrow; flowers white, bluish tint. Each, 50c; 10, \$4.00.  
**S. vulgaris.** COMMON LILAC. 8-10 ft., 5. Bluish-purple flowers. Best known of all Lilacs. Each, 40c; 10, \$3.00.  
**S. vulgaris alba.** COMMON WHITE LILAC. Same form as Vulgaris but with pure white flowers. Each, 40c; 10, \$3.00.  
**S. Vulgaris, var. Chas. X.** Leaves large and shiny; flowers reddish-purple in loose trusses. Each, 50c.

**Viburnum.**

**V. opulus.** HIGH BUSH CRANBERRY. 7-8 ft. One of the handsomest shrubs of this species. The large, white flowers are borne in profusion in May and are followed by clusters of scarlet berries which retain their color until late fall. Each, 50c; 10, \$4.00.  
**V. opulus, var. sterilis.** SNOWBALL OR GUELDER ROSE. The old-fashioned, common Snowball. This has no fruit. Each, 12c postpaid; by express each, 50c; 10, \$4.00.  
**NOTE:**—We offer a limited quantity of both these Viburnum in "Tree Form." These are trained up to a single stem allowing branches to come out three or four feet from the ground. They give a pleasing variation from the regular shrubby effect and in connection with the "Hydrangea Tree Form" are very desirable for lawns. Each, 75c.

Our Special Offer of  
**Hardy Flowering Shrubs at Reduced Prices.**  
 Cottage Garden Collection, 12 Select varieties.  
**\$4.50** by express at purchaser's expense.

Deutzia gracilis, Red Osier Dogwood, Russian Olive, Hydrangea, Tartarian Honeysuckle, Mock Orange, Japanese Rose, Spiraea Van Houttei, Crimson Spiraea, Snowberry, Purple Syringa, High Bush Cranberry.

## CLIMBING AND TRAILING SHRUBS

We offer two-year old transplanted stock only for shipment by express or freight. If single plants are wanted by mail, add ten cents each, extra, to cover cost of mailing.

### Ampelopsis. Woodbine.

**A. quinquefolia.** COMMON WOODBINE OR VIRGINIA CREEPER. A very rapid climber and one of the most useful in the North. Each, 35c; 10, \$2.50.

**A. quinquefolia var. Engelmannii.** ENGELMAN'S WOODBINE. Clinging tendrils and shorter joints than quinquefolia which gives it better ability to climb and cling on stone, brick etc. Will cling as closely as the Boston Ivy, and is much better adapted to this climate. Each, 40c; 10, \$3.50.

**A. viticillii.** BOSTON OR JAPANESE IVY. One of the most popular climbers in the eastern states and has been grown successfully in Minnesota. Each, 40c; 10, \$3.50.

### Aristolochia Siphon. Dutchman's Pipe.

Derives its name from the peculiar shape of its flowers which resemble old fashioned dutch pipes. It is one of the most rapid climbers in use, and very desirable for shade or screen purposes anywhere. Does best on the north side of houses where the full force of the noonday sun does not strike it, as its large, tropical foliage is damaged by too much heat. This is an extremely desirable feature, however, as it fills locations where most other vines are not a success. Each, 75c.

### Celastrus scandens. Bitter Sweet.

Handsome glossy green foliage with large clusters of orange crimson fruits in the fall. Each, 35c; 10, \$3.00.

### Clematis.

**C. Jackmani.** Flowers are very large, four to six inches in diameter, violet, purple, distinctly veined. A continual bloomer thru the season. Each, 75c.

**C. paniculata.** JAPANESE CLEMATIS. One of the finest hardy climbers with handsome foliage and of extremely vigorous and rapid growth. Produces in late summer dense sheets of medium sized, pure white flowers of the most pleasing fragrance. Each branch is thickly set with these showy flowers and all together produce a gorgeous sight. Each, 40c; 10, \$3.50.

**C. Virginiana.** VIRGIN'S BOWER. August. A beautiful native climber. Its characteristic panicles of pure white flowers have a feathery appearance and render it very ornamental. Each, 35c; 10, \$3.00.

**C. Viorna var. coccinea.** Blooms all summer. A desirable variety recently introduced from Texas. It has beautiful, large scarlet flowers and is being much used. Each, 35c.

**C. Viticella.** This is one of the oldest and best types of the Clematis that have been introduced into this country. It forms one of the leading groups of the garden Clematises, and is one of the parents of the Jackmani type of hybrids. It bears a profusion of medium sized flowers of a bright, wine-red color. June-August. Each, 35c.

### Lonicera. Honeysuckle.

**L. sempervirens.** SCARLET TRUMPET HONEYSUCKLE. Blooms more or less all summer. Long, deep crimson flowers borne profusely in clusters. The flowers are followed by very ornamental scarlet berries. Each, 40c; 10, \$3.50.

**L. flava.** MINNESOTA HONEYSUCKLE. A rare form with broad, glaucous foliage and yellow flowers followed by orange-scarlet fruit. Each, 40c; 10, \$3.50.



*Ampelopsis Engelmannii* and *Spirea Van Houttei*.

**Lycium chinensis. Matrimony Vine.** Foliage is a grayish green and the flowers, lasting from June to September, vary from pink to purple. The fruit which follows is of a deep crimson and very showy, and is borne abundantly along the entire length of the branch. Each, 35c; 10, \$3.00.

**Rubus Xanthocarpus. Siberian Bramble.** A rare trailing bramble recently introduced by Prof. N. E. Hansen. Very vigorous with the handsome foliage characteristic of the Rubus; the fruit is large, a beautiful golden yellow and of good eating quality. Valuable for rocky or gravelly hillsides. Each, 50c; 10, \$4.50.

**Vitis riparia var. Beta. Beta Grape.** A hybrid of the wild grape probably crossed with Janesville. The fruit is much larger than the wild grape and of a very much better quality. Especially fine for wine, jellies, etc., and is also desirable for ornamental effects. Each, 50c; 10, \$4.50.

**Wistaria.** The Wistaria is particularly valuable for training over buildings, second floor verandas, and wherever tall-growing climbers are wanted; it is a vigorous, rapid grower; hardy. The flowers are borne in long pendulous clusters. One of the best climbing vines for verandas, balconies, etc.

**Chinese Purple.** Of lovely, rich violet-purple color; deliciously scented and handsome. Each, 12c; 3 for 30c, postpaid. Large plants by express, 75c, each.

**Chinese White.** Of similar habit to the purple variety but with pure white flowers: a lovely climber. Each, 16c; three for 45c, postpaid. One plant each of Purple and White, 25c, postpaid. Large plants by express, 75c, each.

**Wistaria frutescens. AMERICAN SHRUBBERY WISTARIA.** A fine trailing shrub and valuable in ornamental work. Flowers are a pale blue and borne in short clusters; fragrant. A free bloomer. Each, 50c; 10, \$4.50.

**Cinnamon Vine.** A beautiful hardy climbing vine, which will quickly surround an arbor, window or veranda with a profusion of vines covered with handsome, glossy, heart-shaped leaves, bearing great numbers of delicate white blossoms, which emit a delicious cinnamon fragrance. We know of no vine that is more satisfactory, being perfectly hardy, thriving everywhere, and when once planted will grow for many years and be a source of constant delight. Plant the bulbs about one inch deep in rich soil, and with the approach of winter cover lightly with straw and leaves to prevent freezing. Price, each, 5c; 3 bulbs for 15c; 6 for 25c, postpaid. Mammoth size, 25c each, postpaid.

### Jack-and-the-Bean-Stalk Vine.

(*Pueraria Thunbergiana* or Kudzu Vine.)

The most remarkable rapid growing hardy perennial extant. In rich soil will grow 70 feet in one season. Three months of its growth will equal five years of most vines. Starts into growth slowly, but after three or four weeks grows almost beyond belief. Leaves in shape like Lima Bean; color, dark green; texture, soft and woolly. For porches, arbors, old trees, etc.; we know of nothing its equal. 1 year old, 20c; 3 for 50c; 12 for \$1.50, prepaid.

**Madeira Vine.** A rapid and dense growing climber twining to a great height. Bears fleshy, heart shaped, light green leaves and long stems of fragrant, white flowers. Always free from insects. Grows best in warm, sunny, sheltered location. Each, 5c; doz., 50c, postpaid.

**Moon Vine.** A beautiful summer climber, grows 15 to 20 feet high; makes a nice shade for porches or trellises and bears a profusion of large, trumpet-shaped, snow-white flowers, richly scented. The flowers open with remarkable regularity every evening and close in the morning about eight o'clock. 12c, each; 3 for 30c, postpaid.



*Clematis paniculata*.

# HARDY HERBACEOUS FLOWERING PLANTS

## FOR THE OLD FASHIONED GARDEN.



The old-fashioned gardens of our grandmothers contained a wealth of gorgeous bloom throughout the entire summer from early spring until autumn. These gardens are again coming into popular favor, and since the advent of the new and highly improved strains of Hollyhocks, Paeonies, Iris, Phlox, etc., it is possible to convert them into veritable bowers of beauty by a liberal display of hardy herbaceous perennials. Beginning almost before the snow is off the ground, early-flowering varieties open their blossoms, as welcome harbingers of spring. Almost every week until late in the fall some new variety bursts forth into entrancing loveliness, blooming so persistently as to almost defy Jack Frost in his efforts to subdue the floral kingdom. A start may be obtained at so small an expenditure as not to be counted when measured with the satisfaction and pleasure derived from them. Once planted they are here to stay, requiring very little care, increasing in size and bloom and growing better from year to year. Herbaceous means "like an herb," that is, the branches above the ground are not hard and woody, as with shrubs and trees. Perennial plants are those that live year after year, only dying to the ground in winter, the roots remaining alive and dormant in the ground; this distinguishes them from annuals which must be raised from seed each season. Send in your order in advance so that the plants can be sent in time to get an early start.

Stock in this class at regular rates by freight or express, will in every case, be strong clumps selected from stock transplanted in the open fields. If single plants are wanted by mail, add five cents each to cover cost of mailing.

**Key to size and blooming period.** To assist the buyer in making selections from groups and in their proper arrangement when planting, we give average height and season for blooming, using figures for the months. Thus, "3-4 ft., 7-9" means that the species under ordinary conditions attains a height of three to four feet and blooms in the months of July, August and September.

**Achillea. Milfoil or Yarrow.** Of easiest culture in any garden soil and very valuable for borders and rock work. They are free bloomers and should be found in every collection.

**A. Millefolium, var. roseum.** ROSY MILFOIL. 12 in., 6-10. Finely cut, deep green foliage. Flowers bright pink in dense heads on good stems for cutting. Each, 30c; 10, \$2.00.

**A. Ptarmica, var. THE PEARL.** Large flowers in broad heads and with stiff upright stems. Admirable for cutting. One of the very hardiest and best border plants for exposed locations. Each, 30c; 10, \$2.00.

**Aquilegia. Columbine.** Desirable in every flower garden and adapted to any garden soil. They are all elegant border plants and desirable for beauty of form and color.

**A. chrysantha.** GOLDEN SPURRED COLUMBINE. 3 ft., 6-8. Bright golden yellow flowers with long, thread-like spurs; fragrant; elegant border plant. Each, 35c; 10, \$3.00.

**A. coerulea.** ROCKY MOUNTAIN COLUMBINE. 1 ft., 6-8. Very large flowers, often four inches across with deep blue sepals, pure white petals and long recurved spurs. A grand species for borders, rockeries, etc. Each, 35c; 10, \$3.00.

**Delphinium. Hardy Larkspur.** These beautiful blue flowers are not appreciated as much as they deserve. In the different varieties are found all shades of blue, from intense sapphire to the lightest tints. The stems are often four to six feet high and are completely covered with large blossoms having pure white eyes. Great improvement has been made in the last few years in color, size and abundance of bloom. Assorted colors. Each, 30c; 10, \$2.50.

**D. formosum.** 3-4 ft., 7-9. Large, deep blue flowers with pure white eyes, and in long showy spikes. One of the choicest and most desirable. Each, 35c; 10, \$3.

**Dianthus. Hardy Pink.** An old, charming and very important class of plants, much used for bedding purposes or edging, and for flowering in the rockery or border. The new hybrid varieties are very much finer than the old common sort, both in size and coloring. We can supply the best of these in assortment. Each, 25c; 10, \$2.00.

**Dielytra. Bleeding Heart.** An old-fashioned, free-blooming hardy favorite which should be in every garden. The pink and white heart-shaped flowers are borne on long graceful stems, making the plant, with its finely cut foliage, very attractive. The plants increase in size from year to year and are beautiful, even when not in bloom. Each, 25c; 10, \$2.00.

**Digitalis. Foxglove or Fairy Fingers.** A showy, vigorous growing plant, valuable in group planting. Assorted colors. Each, 25c; 10, \$2.00.

**Funkia. Plantation Lily.** A very interesting and beautiful genus with luxuriant foliage and handsome lily-like flowers.

**F. grandiflora.** CORPU LILY. 18 in., 8-10. Showy, heart-shaped foliage; pure white flowers in constant succession for several weeks. Each, 35c; 10, \$3.

**F. Japonica.** 2 ft., 8-9. Fine, light green foliage surmounted by spikes of deep lavender flowers. Each, 35c; 10, \$3.00.

**Gaillardia Grandiflora. Blanket Flower.** One of the most gorgeous and effective flowering plants of its season. They give a very striking display in the border and are indispensable in every collection. Light green, woolly foliage and showy flowers of bright orange and maroon on good stems for cutting. Each, 35c; 10, \$3.00.

Five of a kind at the ten rate.

**A. vulgaris flore pleno.** EUROPEAN VARIEGATED COLUMBINE. 3 ft., 6-7. Extremely double flowers, in colors ranging in different plants from pure white to deepest blue and purple or combinations of these colors. Each, 35c; 10, \$3.00.

**Arundinaria. Ribbon Grass.** A very handsome variety of strong growth. Leaves striped longitudinally with green and cream color. Valuable for edging and very hardy. Each, 30c; 10, \$2.00.

**Artemisia Frigida. Wormwood.** 1 ft., 9-10. Very finely cut silvery foliage. Will thrive in poorest soils. Useful and quite ornamental plants for the border or shrubbery, thriving in any ordinary soil. They have an agreeable aromatic odor and the foliage which is ornamental, possesses well known medicinal virtues. Each, 20c; 10, \$1.75.

**Aster. Star-wort.** The following are the hardiest and best for this section.

**A. novae-angliae.** NEW ENGLAND ASTER. 5-6 ft., 9-10. Immense heads of clear deep purple flowers with yellow centers. The panicles are often eighteen inches tall and a foot thru. Each, 25c; 10, \$2.00.

**A. ROBERT PARKER.** 4 ft., 9-10. Lavender. The flowers are produced in large sprays, very striking and ornamental. Each, 25c; 10, \$2.00.

**Boltonia latisquamæ. False Chamomile.** 4 ft., 9-10. The flowers are pink, slightly tinged with lavender and are produced in immense heads bearing hundreds of blossoms. Makes a gorgeous effect. Each, 35c; 10, \$3.00.

**Campanula. Harebell or Bell Flower.**

**C. carpatica.** From Austria. 9 in., 6-9. Of dwarf and compact habit. Flowers deep blue on good stems for cutting and borne in continuous succession throughout the summer. A choice plant for front of the border. Each, 25c; 10, \$2.00.

**C. grandiflora.** (See under head of Platycodon.)

**Clematis. Virgin's Bower.** These are the low growing, somewhat creeping varieties, and are distinct from the climbers. They are of nice habit and invaluable for combinations in mass planting.

**C. crispa. LEATHER FLOWER.** 4 ft., 6-8. Showy, deep lavender, bell-shaped flowers with white throats. Each, 35c.

**C. erecta coerulea.** 2 ft., 6-7. Upright in habit with pretty bluish flowers. Each, 35c.



Achillea, The Pearl. (See Page 73.)

# HARDY HERBACEOUS FLOWERING PLANTS

**Geranium. Crane's Bill.** A fine group of showy plants both in flowers and foliage. Distinct from the well known house plant. These plants are strictly hardy and are for out-door planting only.

**G. praetense.** 1 ft., 7-8. Handsome crow-foot foliage and lilac purple flowers. Each 25c; 10, \$2.00.

**Helenium autumnale.** 4-6 ft., 9-10. Immense heads of deep yellow flowers. Of easiest culture and one of the choicest tall growing plants for group work. Each, 35c; 10, \$3.00.

**Hemerocallis. Day Lily.** Of highest ornamental merit. All have grass-like foliage and showy lily-like flowers. They are admirable for border planting and also effective in groups on the lawn or at the edge of masses of shrubbery.

**H. flava.** 2 ft., 5-7. Clusters of bright yellow, fragrant flowers. Each, 35c.

**H. fulva, var. fl. pl.** 3 ft., 7-8. Double bronzy orange flowers; one of the showiest. Each, 35c; 10, \$3.00.

**Heuchera sanguinea. Alum Root.** Foliage beautifully cut and tufted. The flowers are borne in large, open, clean stemmed panicles, and are of the most intense crimson scarlet. Very prolific bloomers and desirable in all kinds of ornamental planting. Each, 35c; 10, \$3.00.

**Hollyhock.** Indispensable plants to every garden, possessing a character peculiar to themselves which renders them especially valuable to break up any set effect in lawn planting, with their towering spikes of showy flowers. As usually treated, the hollyhock is a biennial, but if planted in rich loam where the water will not settle around the crown in the winter they become very satisfactory perennials. Assorted colors. Each, 25c; 10, \$2.25.



Yucca.

**Lathyrus latifolia. Ever Blooming Pea.** A trailing plant and very ornamental. Is a free grower and constantly covered with dense clusters of deep, rosy flowers in succession throughout the summer. Flower resembles the common Sweet Pea but is larger and scentless. Each, 25c; 10, \$2.00.

**Lychnis chalcedonica. Lamp Flower.** 3 ft., 6-9. Showy, dense heads of brightest crimson flowers. One of the oldest cultivated, hardy plants and still distinct and desirable. Each, 25c; 10, \$2.00.

**Lysimachia nummularia. Loose-Strife or Moneywort.** A rapid growing plant of creeping tendency, soon covering the ground with a dense carpet of foliage, and is well adapted to use as a cover under trees and shrubs where grass does not readily grow. Deep yellow flowers. Each, 25c; 10, \$1.75.

**Monarda Didyma. Bee Balm.** 2 ft., 7-10. A showy plant which is indispensable for border and mass planting. Rich aromatic foliage and showy heads of brilliant forget flowers in profusion. Each, 25c; 10, \$2.00.

**Mysotis. Forget-Me-Not.** An always popular flower. Thrives in any rich, well-drained loam. Valuable for borders and beds. Each, 25c; 10, \$2.00.

**Papaver. Poppy.** These varieties are hardy and perennial. They are handsome both in flower and foliage.

**P. nudicaule. ICELAND POPPY.** 1 ft., 6-10. Flowers are a beautiful bright yellow, each on a long clean stem, very fine for cutting. The foliage is pretty and the constant succession of bloom makes it desirable as a border. One of the earliest to blossom. Each, 35c; 10, \$3.00.

**P. orientalis. ORIENTAL POPPY.** 12-18 in., 7. One of the very showiest flowers in the hardy class. The foliage is deeply cut and fern-like, and of a beautiful dark green. The flowers are extremely large and of a gorgeous, deep scarlet color, shaded to black at the center. They are borne on long stems and are beautiful flowers for the vase. Should be found in every collection. Each, 30c; 10, \$2.50.

**Phlox. Hardy Perennial.** See page 76.

**Phlox Subulata. GROUND OR MOSS PINK.** 4 in., 5. Rose color. As a cover plant and for rockery work nothing can excel this. The foliage is excellent, forming a dense, close carpet of green and when in flower the plants are a sheet of color. Each, 25c; 10, \$2.00.

**Phlox Subulata var. alba** has same characteristics except that flowers are pure white and plant is perhaps a little better grown. Each, 25c; 10, \$2.00.

**Platycodon. Chinese Bell Flower.** 1-2 ft., 6-7. A veritable giant harebell forming a dense, branched bush of upright habit with neat foliage and from late July until September bearing a constant succession of large, bell-shaped flowers varying in color from pure white to deepest blue. Each, 25c; 10, \$2.00.

**Polygonum Cuspidatum. Giant Knot Weed.** 4 ft., 8-9. A vigorous growing plant with long arching stems. Forms a very ornamental clump with handsome heart-shaped leaves and long drooping clusters of pure white flowers. Each, 35c; 10, \$3.00.

**Pyrethrum. Feverfew.**

**P. Roseum.** 2 ft., 6. Delicate pink, daisy-like flowers on good stems for cutting. Should be found in every collection. Each, 30c; 10, \$2.50.

**P. uliginosum. GIANT OX EYE OR GIANT DAISY.** 4-5 ft., 8-10. Forms a stout upright bush with light green foliage and in autumn bears a great profusion of large, elegant, pure white flowers with bright yellow centers. Each, 30c; 10, \$2.50.

**Ranunculus speciosus flore pleno. Double Buttercup.** 18 in., 5-7. A showy border plant thriving in ordinary soils. Very double, deep glossy, golden yellow flowers and handsomely cut foliage. Each, 30c; 10, \$2.50.

**Rudbeckia laciniata. Golden Glow.** 6-8 ft., 7-8. Valuable in groups for mass effects. Vigorous in habit, forming broad, self-supporting bushes and giving a wealth of showy, lemon-yellow flowers on good stems for cutting. Each, 25c; 10, \$2.00.

**Spiraea.** (Herbaceous.) A valuable class of herbaceous plants. Should not be confused with the shrubby spiraeas.

**S. aruncus. GOAT'S BEARD.** 3-4 ft., 6-7. Light green pinnate foliage with branched panicles of creamy white flowers. Each, 30c; 10, \$2.50.

**S. filipendula. DROPPY.** 2-3 ft., 6-7. Dark green, fern-like foliage and dense heads of clear white flowers often tinged with rose. Each, 30c; 10, \$2.50.

**S. japonica.** 2 ft., 6-7. A handsome variety with dark green foliage and showy spikes of white flowers. Each, 25c; 10, \$2.00.

**S. ulmaria. DOUBLE MEADOW SWEET.** 2-3 ft., 6-8. Handsome double white flowers. Each, 30c; 10, \$2.50.

**Vinca minor. Periwinkle.** 8 in., 6-7. A showy creeping plant with glossy evergreen foliage. Bright blue flowers borne freely in early spring and at intervals throughout the summer. Thrives in places too shady for grass and is thus valuable for many purposes. Each, 25c; 10, \$2.00.

**Yucca filamentosa. Adam's Needle.** 4-5 ft., 6. A well known and extremely showy plant with stiff, broad, sword-like foliage and surmounted by tall, handsome spikes of large, fragrant, cup-shaped, creamy-white flowers which appear in June. Valuable in producing sub-tropical effects and a group of them upon a lawn commands instant attention when the monstrous heads of flowers are open. Each, 35c; 10, \$3.00.



Platycodon. Chinese Bell Flower.

## PAEONIES

The Pæony is now beyond all doubt the most popular of all the hardy herbaceous plants. During recent years it has been so vastly improved that now large acreages are being devoted to growing cut flowers for market, so beautiful and highly prized are the blossoms. Pæonies are perfectly hardy and will thrive anywhere and in any garden soil. The foliage is dark green, very clean and beautiful, while the gorgeous display of bloom, many of them fragrant, leaves nothing to be desired. Many plant Pæonies in beds with hardy lilies as they bloom earlier than the lilies and afterwards supply foliage which is lacking in the lily.

Pæonies do well in partial shade, thus prolonging and intensifying the color of the bloom and therefore may be used to advantage in brightening up somber nooks. When planted in a border with fall blooming perennials, such as Phlox, their glossy foliage is very effective. Plant in good soil, but not on freshly manured ground. All the fertilizers should be placed on top after the ground is frozen. A liberal dressing every year will produce fine flowers. Set the roots slanting with the buds three inches below the surface.

**Alice.** Bright clear rose, changing to white, center tinged straw. Each 35c.

**Baron de Rothschild.** Rosy guards, rose and salmon center, dwarf, very free. Each 25c.

**Canisteo.** Large flesh pink, fading to white. Each, 25c.

**Caroline Mather.** Very rich dark crimson. Each, 35c.

**Czarina.** Enormous blooms on stiff erect stems; color deep rose pink: very double, fragrant, late. Each, 50c.

**Delachei.** Deep purple, crimson reflex; strong grower, free bloomer and one of the most remarkable of the dark Pæonies. Each, 50c.

**Fragrans.** Very fine, even colored pink, late, robust, fragrant. Each, 25c.

**Festiva Maxima.** The finest early white in existence. Very large and very full shell formed bloom, often 8 inches in diameter, on strong 3½ ft. stems. Color snow white, shading to delicate, creamy-white at base of petals, with an occasional clear purple spot on edges of center petals. Each, 50c.

**Festiva.** Fine ivory white with a few carmine spots on center petals; very fragrant and one of the best for cutting. Each, 35c.

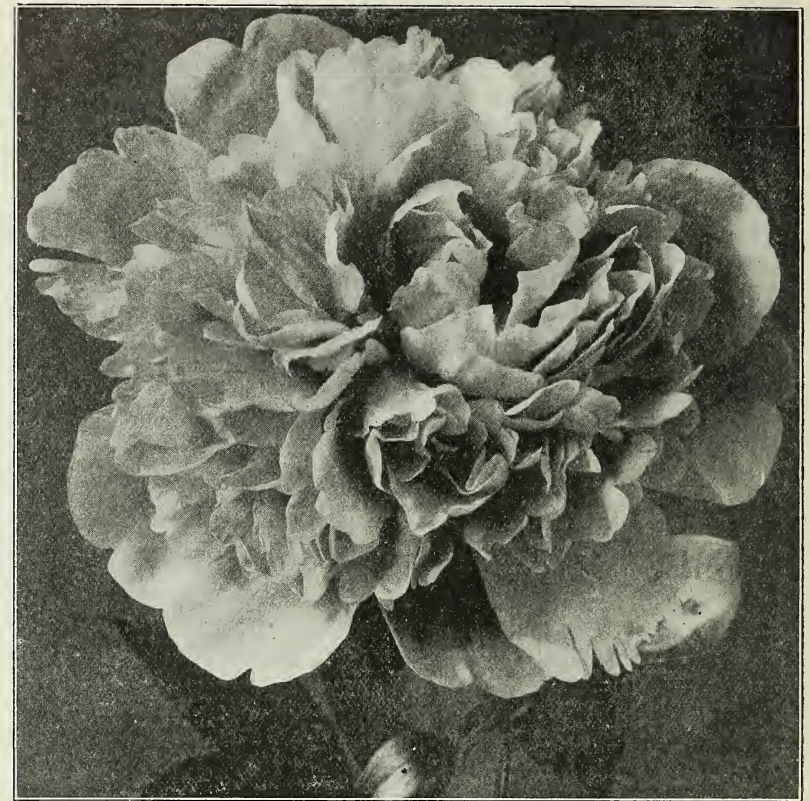
**Humei Carmen.** Clear cherry pink, strong grower; large, very full, highly cinnamon scented flower; very late. Each, 25c.

**Jupiter.** Large double crimson and light rose, early. Each, 25c.

**L'Esperence.** Beautiful rose pink, very early and fragrant. A great favorite. Each, 35c.

**Lucy Mallard.** Very large, brilliant rose, edged white, very showy. Each, 25c.

**Madame Lebon.** Very large, bright Cherry pink. Each, 25c.



Paeony L'Esperence.

All Pæonies are by express at purchaser's expense. If wanted by mail, add 5c each for postage.

**Marie Lemoine.** Enormous sulphur-white bloom, shaded with pink and chamoise; strong stem, very late. Each, 50c.

**Nitra.** Darkest crimson of any; double, free bloomer, late. Each, 25c.

**Officialis Rubra Plena.** Brilliant crimson, very early. Each, 30c.

**Queen Victoria.** A fine white; very good cut flower of excellent lasting quality. Each, 25c.

**Richardson's Rubra Superba.** Brilliant crimson; the latest of all Pæonies to bloom; very fragrant. Each, 50c.

To induce all our customers to start a Pæony Garden this year, we make a special offer of the above 19 selected varieties for \$5.00, by express at purchaser's expense. This is an unusual opportunity to obtain a choice assortment of the Queen of Spring Flowers, at a low price. Many of the varieties offered are yet rare or the stocks are so limited, that we are compelled to restrict the quantity that will be sold to any one customer. Begin now by including this collection with your order; in 2 or 3 years it will be thoroughly established and become a source of pride and pleasure for years to come.

## Hardy Perennial Phlox

"Phlox" means "Flame". No single word could better describe this flower in its marvelous range of brilliant colors. Planted in masses, as Phlox should be it gives a blaze of color no other plant can equal. It is hardy everywhere and the plants increase in number, as well as in strength and beauty with each succeeding year. Hardy Perennial Phlox should find a place on every lawn and in every garden. From the great number of existing varieties, we have selected the following new and improved large flowering sorts as the best for general cultivation. Each one is a veritable beauty.

**Our Special Offer.** Strong one year old plants, each, 15c; doz., \$1.50; 100, \$10.00; by express at purchaser's expense. If wanted by mail, add at the rate of 3c each for postage.

**Collection.** One of each of the 12 choice varieties, for \$1.85 postpaid. Any 6 varieties, purchaser's selection, \$1.00 postpaid; 3 varieties, 50c postpaid.

**Antoin Mercie.** Medium. Light ground color. Upper half of petal deeply suffused bluish lilac; large white halo.

**B. Comte.** Tall. A glowing reddish or French purple; one of the finest dark colored varieties.

**Bacchante.** Tall. Tyrian rose, with crimson-carmine eye.

**Bridesmaid.** Tall. White, with large crimson-carmine center.

**Caran d'Ache.** Dwarf. Geranium red, with old rose shadings, and white eye; very effective.

**Champs Elysee.** Medium. A bright rosy magenta of an effective shade.

**Coccolicot.** Dwarf. A fine pure scarlet, with crimson-red eye.

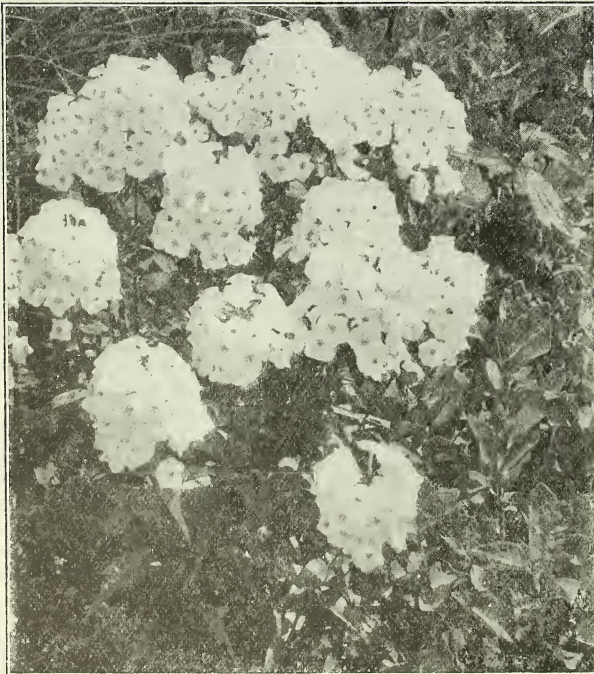
**Jeanne d'Arc.** Tall. A good, standard late white.

**Mme. Paul Durtie.** Medium. A delicate lilac rose, reminding one of some of the beautiful soft pink orchids. The flowers are very large and borne in panicles of immense size.

**Mrs. Jenkins.** Tall. The best tall, early white for massing.

**R. P. Struthers.** Tall. Rosy carmine with claret-red eye; one of the best varieties in cultivation.

**Seima.** Tall. Large flower, pale rose mauve with distinct claret-red eye.



Hardy Perennial Phlox, Jeanne d' Arc.

# Imported Japanese Iris (Kaempferi)

A bed of these Iris once established is a joy forever; the enormous flowers often ten inches across, grow strong and attract a great deal of attention and are often mistaken for some rare orchid. If left undisturbed in the same situation they will last for years, but as the plants commence to decrease in size they should be separated and replanted. They thrive best in a moist situation, but if planted in ordinary garden soil should be frequently watered in dry weather. All of them are beautiful; whatever colors you get, you may be always sure of getting something that you want.

- No. 1. **Gekka-no-nami**, large double white.
- No. 4. **Kumo-no-obi**, violet blue, white center, 6 petals.
- No. 6. **Geisho-ui**, bright crimson, center shaded violet.
- No. 10. **Yomo-no-umi**, sky-blue with purple center, 6 petals.
- No. 17. **Shippo**, light blue, shaded dark blue, center purple.
- No. 20. **Kuma-no-uye**, large, double, deep purple.
- No. 22. **Shishi-ikari**, crimson, maroon center, double.
- No. 23. **Oniga-shima**, deep purple, blue center.
- No. 30. **Kagaribi**, vermilion, yellow blotches; standards white, tipped violet.

- No. 35. **Shuchiu-Kiva**, white with violet edges.
- No. 43. **Waka-murasaki**, bright magenta, blotched white.
- No. 46. **Koki-no-iro**, violet with yellow center, standards purple.

In ordering please give numbers of varieties wanted.  
Price, large clumps as imported, each, 35c postpaid; by express at buyer's expense, each, 30c; doz., \$3.00  
One each of the above varieties for only \$3.00 by express at buyer's expense.  
Six for \$1.50.

# German Iris (Germanica)

This is the Fleur de Lis, the national flower of France. One of the most desirable early spring flowering plants. They are perfectly hardy, and while not as gorgeous as the Japanese varieties or found in such a great profusion or rare combination of colors, are very beautiful and no garden is complete without them. "Flags" as they are sometimes called, bloom somewhat earlier than the Japanese sorts.

- Each, 15c; doz., \$1.50; postpaid, at single prices.
- Our special offer one of each variety prepaid for \$1.50. Six for 75c.
- Agnes**, white frilled and shaded lilac.
- Bonquet Royal**, Creamy white.
- Canary Bird**, Standard yellow, falls bronze striped white.
- Darius**, Falls lilac, white striped, standards orange.
- Duc de Nemours**, Falls purple edged white, standards white.
- Empress Victoria**, Pale blue standards, falls purplish blue.
- Gloire de Hillegom**, Beautiful porcelain blue.
- Grachus**, Crimson and white.
- Honorable**, Standards golden, falls yellow veined brown.
- Innocenza**, Ivory white.
- Mad. Chereau**, White, frilled azure blue.
- Maori King**, Rich golden yellow standards, falls velvety crimson, margined gold.



Japanese Iris.

**Campanula Media. Canterbury Bell.** Biennial. An ornamental garden flower of easy culture, 3 to 4 feet high. Flowers vary in color between blue, white and rose; very large, bell-shaped, bright and attractive. Flowering roots each, 20c; 10, \$1.75, by express at buyer's expense; postpaid 25c each.

**Hardy Garden Carnations or Scotch Pinks.** These beautiful Pinks are particularly valuable for beds, borders and edging in gardens, lawns, parks and cemeteries. They are entirely hardy, need no protection and bloom regularly every season without attention. They are very fragrant, giving out a rich, spicy fragrance that is particularly attractive and quite unlike anything else in the floral world. A single plant will grow from twelve to eighteen inches in diameter. Cannot be supplied in separate colors, but our stock contains all shades from pure white to light red. Price, 10 cts. each; three for 25 cts., postpaid. Large field grown roots by express at buyer's expense, each, 25c; 10, \$2.00.

**Coreopsis Grandiflora.** of the most continuous blooming perennials we have and easily grown. A very showy, hardy plant; flowers large, deep yellow, cup-shaped, each on a long clean stem, which makes it very valuable where cut flowers are required. See illustration on page 47. Flowering roots each, 20c; 10, \$1.75, by express at buyer's expense; postpaid 25c each.

**Shasta Daisy.** The flowers are large and snowy white; it blossoms continuously from June to October. Perfectly hardy and of easy cultivation. We have a very fine stock to offer this season. Flowering roots each, 20c; 5, 95c; 10, \$1.75, by express at buyer's expense; postpaid 25c each.

**Dianthus Barbatus. Sweet William.** A fine old garden favorite, biennial, but one which perpetuates itself by self sowing. Height 18 in. Flowers in June and July. The colors are very bright and effective and in an endless variety of white, pink, purple, crimson and scarlet; many sorts variously edged, eyed and spotted. See illustration page 63. Single and double varieties mixed, each, 20c; 10, \$1.75, by express at buyer's expense; postpaid 25c each.

**Lily of the Valley.** The exquisite white flowers and pale green foliage render this one of the most admired of plants. Succeeds in open ground in almost any situation, but prefers shade with plenty of moisture; once planted and established the crowns increase each year. Prepare the soil with a mixture of leaf-mold, sand and plenty of well rotted manure, which should be thoroughly incorporated with the soil two feet deep. Set the roots about two inches below the surface. No further attention is required. They are perfectly hardy and are not injured by frost. Flowering clumps each, 30c; 10, \$2.50, by express at buyer's expense; postpaid 40c each.

**Grew Very Nicely.**

*Some five years ago I bought three roses from you. They grew very nicely and had roses the first year, Jacqueminot, Paul Neyron and Magna Charta. The last named was full of roses the first year.*

MABEL F. KIESTER, Stony Run, Pa.

**Did Very Well.**

*We bought from you last Spring several Lady Gay Climbing Roses. They did very well this season, being now four feet high.*

NESTLER BROS., Flaxton, N. Dak.



German Iris.

## ROSES BY MAIL

We guarantee the safe arrival, in good growing condition, of all plants sent by mail.

The sizes of plants furnished by us are, in all instances, as large as can be advantageously forwarded by mail, thrifty, well established stock from 2½ inch pots. Orders for roses and greenhouse plants can be filled up to the first of June. We will send out all plants during the first mild weather after receipt of the order, unless special time is mentioned.

**Guarantee.** That is a matter which depends mostly upon the care and treatment plants receive after reaching destination. But, except when ordered sent so early in the season as to be in danger of freezing, we will guarantee the plants to be packed so as to reach destination in good condition. We cannot, however, be responsible for injury by freezing if the plants are ordered to be sent too early, for even the most careful packing cannot always guard against that.



White Baby Rambler Rose.

### THREE SOUPERT ROSES.

**Hardy. Bloom Continuously. 28c postpaid.**

Will be a source of constant pleasure.

In ordering give simply the name of the collection.

If you want Roses that will give you absolute satisfaction from the day they are planted, we would urge that you plant these famous varieties. They bloom the first and every year from early May until severe freezing weather. We have seen them unfold perfect flowers even after a severe snow storm. Of dwarf, stocky, uniform growth, they possess valuable qualities found in no other rose. There are other roses as good, but certainly none better.

**Clothilde Soupert.** The best bedding or pot culture rose known. Color a French white, deepening to a rosy-blush in the center, exceeding in distinctness of shadings the well known Malmaison. Its greatest value lies in its compact, vigorous habit and wonderful profusion of bloom, even the smallest plants being literally covered with flowers. Valuable as it is for garden purposes, it is even more so for pot culture, and ranks first for blooming in the house.

**Mosella.** (YELLOW SOUPERT.) Fully as free blooming as Clothilde Soupert, or Pink Soupert and like them, a strong, dwarf, bushy grower. Flowers are very double and of the same Camelia-like form as Clothilde Soupert. Produces immense clusters of flowers. Buds exceedingly dainty and attractive. The color is white on beautiful light yellow ground, which becomes a chrome yellow in the center of the flower.

**Pink Soupert.** Identical with Clothilde Soupert, except in color of flower. Has the same stocky, sturdy habit of growth, blooms as freely, with large, handsome flowers, same form as Clothilde Soupert. Color rich, dark, shining pink, sometimes nearly red.

When an entire collection is not desired, selection of any of the varieties offered in this collection may be made at the following rates: 10c each; three for 28c; six for 50c, postpaid.

### THREE SUPERB CLIMBERS.

**Lady Gay.** It is admired equally for the remarkable freedom with which the flowers are produced and for their brilliant color, which is a deep, clear, rich, rose pink. The flowers are very double, and produced in immense clusters, is healthy, hardy and easy to grow. A post or an arch or a veranda covered with plants of Lady Gay will be greatly admired by all, and highly prized by its possessor. Price 12c each; three for 30c, postpaid.

**Hiawatha.** Flowers of a striking ruby-crimson with white centers. The blossoms are single, freely produced as to completely cover the plants and render them most beautiful and attractive objects. Price 12c each, postpaid.

**Minnehaha.** (AWARDED A SILVER MEDAL.) A charming double, satiny-pink flowering climber, which is quite distinct from the various shades of pink, a most attractive rose. Flowers borne in large clusters; foliage very glossy and healthy. Price, 12c each, postpaid. One each of these three climbers for 30c, postpaid.

### TWO VALUABLE NEW CLIMBING ROSES FOR 25c POSTPAID.

**Tausendschon.** (THOUSAND BEAUTIES.) Raised by several crossings of various Tea and Polyantha Roses with the well known Crimson Rambler. This beautiful novelty surpasses all other climbing roses of this section, both in growth, foliage and beauty of blooms. The flowers appear in large clusters from the beginning of June till the end of July. Each individual flower measures about 2 inches across, and is of a beautiful soft pink, later on changes into rosy carmine. The plant is of strong, vigorous growth. Hardy, and nearly thornless. Price, 15c each, postpaid; 3 for 36c.

### THE "TRIPLETS" COLLECTION.

Three "Baby" Roses for 35c Postpaid.

**Baby Rambler.**

Crimson, (MME. NORBERT LEVAVASSEUR). Price 12c each, postpaid.

**Baby Dorothy.**

(MAMAN LEVAVASSEUR). A splendid companion rose to the crimson Baby Rambler. Practically the only difference is in the color of the flowers which is a very bright and pleasing rose-pink. It is much the color of that charming climbing rose, Dorothy Perkins, hence the appropriateness of the name, "Baby Dorothy." It is perfectly hardy and blooms without cessation from early spring until late in the fall. We have counted as many as 100 blooms to the cluster on three year old plants. Price, 15c each, postpaid.

**White Baby Rambler, (true).** It has the peculiar and wonderful profusion of bloom which earned the first Baby Rambler its name. Our White Baby Rambler came from a prominent German rosarian and has identically the same habit of growth and freedom of bloom as the other two "Baby" roses. Price, 15c each, postpaid.

### EVERBLOOMING BEDDING ROSES.

(TEAS AND HYBRID TEAS.)

Prices, by mail postpaid, each, 10c; 3 for 28c; six for 50c; twelve for \$1.00.

In this class will be found many varieties famous for their vigor, profuseness, brilliancy and exquisite fragrance of flowers. They combine the valuable characteristics of both the Teas and Hybrid Perpetuals, inasmuch as they bloom freely the first year like ordinary Everblooming Tea Roses, and from the Hybrids they inherit the large, finely formed flowers and pungent fragrance, together with vigor and hardiness. South of Philadelphia, they are hardy; in the North they will be benefited if given protection.

**Catherine Mermet.** Distinct and beautiful—A very beautiful Tea Rose, valued highly for its elegant buds; color clear shining pink, with delicately shaded amber and fawn center; large globular flower.

**Golden Gate.** A rose of surprising beauty, extra large, very double and full and delightfully fringed with clear rose, a constant bloomer.

**Hermosa.** An excellent rose, blooms in fine clusters; large very double and fragrant; color beautiful clear rose, a constant bloomer; hardy; one of the best.

**Ivory.** (WHITE GOLDEN GATE.) An offspring of "Golden Gate," with which it is identical except in color, being an ivory white. Flowers, large, borne on strong, stiff stems two to three feet in length. An elegant pot plant for the house.

**Perle des Jardins.** A magnificent yellow Tea Rose, an indelibly distinct from any other variety; the flowers are extra large, full globular form, with great depth and substance, richly perfumed and exquisitely beautiful in every way. Succeeds well in open ground, but is especially valuable for forcing for cut flowers.

**Meteor.** One of the brightest colored and most brilliant roses we have. The color is rich velvety-crimson, exceedingly bright and striking, and both buds and flowers are large and elegantly formed, fully double and borne on nice long stems. Vigorous and healthy; quick and constant bloomer; moderately hardy.

**Miss Kate Moulton.** A beautiful new Hybrid Tea Rose. It is in a class by itself in size of bloom and for its free-blooming qualities. In color it is a beautiful light pink. Its habit is very robust, with heavy foliage like American Beauty.

### "IN REMEMBRANCE" COLLECTION.

For Cemetery Planting.

Three Hardy White Roses for 30c postpaid.

The three following sorts are especially recommended for cemetery planting. They are hardy, free-flowering and need but little pruning. When ordered singly, 12c each.

**Coquette Des Alps.** Pure white, tinged with pink in the center; truly a continuous bloomer, as it is scarcely ever without flowers from early summer until cut off by frost in the fall. Flowers are good size, well formed and sweetly scented.

**Coquette Des Blanches.** Similar to the preceding except that the flowers have a creamy tinge, instead of pink, in the center; equally free flowering in habit.

**Mme. Plantier.** This grand variety, when once planted, is as permanent as a Hydrangea. It is hardy as an Oak, and for outdoor planting it is the best white. We recommend it for cemetery planting because of its permanency. Flowers are pure white, very large and double; it is a profuse and continuous bloomer.

**Annie Muller.** A new pink, ever-blooming rose. The freely branching plants attain a height of about twenty-four inches and the numerous flower stalks carry fifty to sixty flowers and buds at one time. The flowers when open are a brilliant cerise pink measuring two inches in diameter, with a double row of curiously twisted petals. Center chrome yellow. Perfectly hardy. Price, 15c each; two for 25c, postpaid.

**Alberic Barbier.** A hardy, yellow, climbing rose. This is a seedling from Wichuraiana, which has been the parent of so many fine climbing roses, and it is a great acquisition. The flowers are a rich, deep yellow in the bud, changing as they grow older to a creamy white, with canary yellow center. Semi-double or double, 2½ to 3½ inches across, very sweetly scented. Of strong growing habit. Foliage is a glossy dark green with a bronzy red tinge in the spring. Price, 15c each, postpaid.



## ROSES BY MAIL

### THE "WEDDING BELLS" COLLECTION.

28c Postpaid.

Three superb everblooming roses—white, pink and red. The finest of all for cut flowers.  
**The Bride.** White Tea Rose. This is decidedly the most beautiful white Tea Rose. The flowers are very large and double, on long stiff stems of fine texture and substance, and last a long time in a fresh state after being cut, making it one of the best varieties for corsage wear or bouquets. During extremely hot weather it becomes a pinkish white, at other times a pure white.  
**Bridesmaid.** Pink Tea Rose. Here we have a grand rose, a sport from that old standby, Catherine Mermet. The bud is of exquisite shape and contour, so solid and firm, and the stems are so long and stiff that no other rose will compare with it in keeping qualities after being cut. It is about two shades deeper in color—just enough to make it bright; same color all the time and under every condition of weather.

**Richmond.** The everblooming Gen. Jacqueminot. This new Hybrid Tea Rose is one of the most valuable introductions of recent years. It is as free bloomer as Bridesmaid or Golden Gate, and its scarlet-crimson flowers are borne on fine, long stems, which makes it especially valuable for cutting purposes. It comes to perfection without special care or culture. Produces freely thruout the year, long, pointed buds on tall, straight stems with elegant dark foliage. Has as delicious fragrance as American Beauty. This much talked of rose has been making splendid records wherever shown, was awarded the cup at the World's Fair, St. Louis; also by the Horticultural Society at Chicago. It is a foregone conclusion that Richmond, being so amenable to ordinary culture, will outclass any red rose hitherto introduced, and we believe that in a short time it will take the place of all other red roses.

### THE "INTERNATIONAL" COLLECTION.

Six Superb Roses for 50c Postpaid.—When an entire collection is not desired, selection of any of the varieties may be made at 10c each; 3 for 28c.

**Etoile de France**—A grand new, velvet crimson rose, hardy and everblooming. Awarded a first-class certificate of merit by the National Horticultural Society of France, honors given only to varieties of pre-eminent merit. It is vigorous in growth, foliage plentiful and of a handsome bronze-green; somewhat prone to mildew in dry weather; long stems, stiff and erect, with very few thorns. The flowers are very large, petals of splendid substance, magnificent cupped form, very full and expanding freely; color, superb velvety crimson, the center of the bloom a vivid cerise. The buds are long and pointed, borne singly and erect, making it very valuable for cut flowers. Taken all in all, it may be safely said that it is the best rose of its class and color yet offered.

**Etoile de Lyon.** This magnificent Tea Rose is a rich golden-yellow, a strong, healthy and vigorous grower, immense bloomer, bearing flowers and buds early and late. The flowers are very deep, rich and full, excellent substance, very sweet. Surely one of the very best and most beautiful of yellow Tea Roses for general planting ever introduced. Remarkably hardy, both as to heat and cold, frequently standing the winters uninjured in open ground without protection, and blooming nicely all thru the hottest part of the summer.

**Gruss an Teplitz (Greeting from Teplitz)**—Splendid new red everblooming rose. This the reddest of all red roses; is to the amateur, who has no greenhouse and depends on his garden for flowers, one of the most important varieties yet introduced. It is a rose for everybody, succeeding under the most ordinary conditions. In color it is of the richest scarlet, shading to velvety crimson as the flowers mature; a free, strong grower, quite hardy, and most profuse bloomer, the mass of color produced being phenomenal; the foliage is extremely beautiful.

**Kaiserin Augusta Victoria.** This beautiful rose has not only a royal name but is a royal rose as well. We have white roses that have elegant buds, but when full blown are not at all what is desired. Then, again, we have white roses that are elegant when full blown, but have poor buds. This rose combines both these good qualities; is a continuous bloomer, producing successive crops of buds and flowers in the greatest profusion. Buds are beautifully formed, with large petals of best substance. It shows no center when fully open; color pure, snowy white; and when you add a rich perfume, coupled with a vigorous growth, what more could you ask? This rose is an easy winner over all competitors in its color, and we predict that more of it will be planted than all other white roses combined.

**Killarney.** Flowers are rich, rosy pink and very large. Plant a vigorous grower, free bloomer, and entirely hardy in vicinity of New York City or farther south. This splendid new Irish Hybrid Tea Rose created a mild fire when first introduced, a few years ago, and has certainly come to stay. It is a strong, vigorous grower and perfectly hardy, having stood out here during the past two winters without protection. There is no rose we know of in this class that blooms more freely than Killarney and the large size of the flowers and substance of petals are remarkable, petals measuring 2½ inches deep. The buds are large, long and pointed. The color is exquisite, a brilliant imperial pink, almost sparkling and beautiful beyond description.

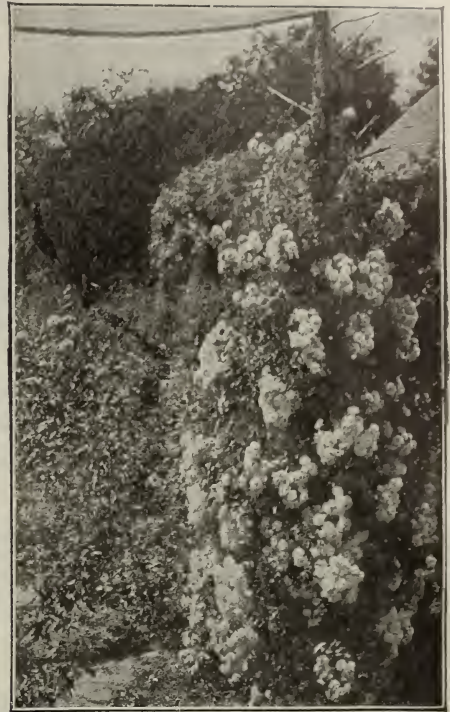
**Wellesley.** (Hybrid Tea)—A seedling of "Liberty" crossed with "Bridesmaid," retaining the form of "Liberty" with the fullness of "Bridesmaid," and in color is a beautiful shade of pink. It is a very vigorous, healthy grower, remarkably free flowering, and possesses unusual fine keeping qualities, which makes it a magnificent rose for cutting purposes.

### THE LA FRANCE SET.

Four Gems, 33c Postpaid.

Everyone knows the beauty and fragrance of the La France Roses, and in these and their companions we offer a most popular collection and one that should be in every garden.  
**La France.** The old favorite. We have always given this the first place, the queen of all the roses. Accounts come to us from all quarters every year describing the great profusion of its bloom from June until frost, and extolling its fragrance and immense size. It is of superb form, and double as a rose can be. No variety can surpass it in delicate coloring, silvery-rose shaded with pink. It has a satin sheen over all its petals. It is universally regarded as the most useful of roses, for it is hardy beyond question. It blooms continuously. The flower is large, finely built, endures for a great length of time and is exquisitely colored, and fragrant in the highest degree.

Killarney.



Lady Gay Climbing Rose; for description see page 78.

**Duchess of Albany.** (Red La France.) A superb rose; resembles La France, but is much deeper in color, hence the name Red La France. It is a continuous and free bloomer, producing a great abundance of lovely buds and flowers all thru the season; extra large, elegant in form, very double and full; remarkably fragrant; color brilliant rose pink, exquisitely shaded. It is recommended as one of the largest, sweetest and best roses for general planting in open ground or greenhouse culture.

**Champion of the World.** This is a free-blooming hardy rose of great merit, introduced only a few years since, but has already become very popular. Flowers of large size; color a lovely clear deep pink.

**Princess Bonnie.** Princess Bonnie is one of the loveliest of everblooming roses. Its color is indescribable. A richer, deeper crimson was never seen in a rose, while its fragrance is as subtle and delicate as that of La France. It is a profuse bloomer and as easy of cultivation as the most ordinary rose.

### NORTHLAND HOME COLLECTION.

Sixteen Handsome Hardy Roses for \$1.50 Postpaid.

Six Red Six Pink One Striped Three White  
 This collection is made up from the hardiest varieties of the Hybrid Perpetual class. It is selected especially for northern localities where the winters are very severe. The assortment comprises none but exceptionally desirable varieties and will give unbounded pleasure to all purchasers.

### BLUE ROSE.

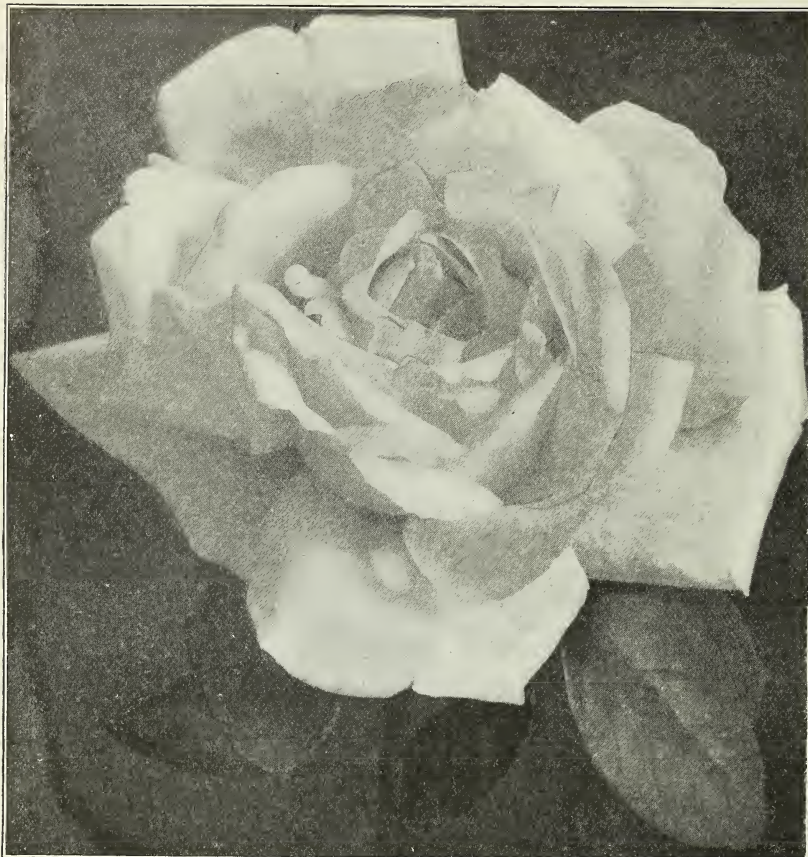
Newest Climbing Rose VEILCHENBLAU.  
 (Violet-blue seedling from Crimson Rambler.)

After years of effort rosarians have been rewarded by the production of a blue rose, which will be welcomed with the greatest interest by all lovers of the garden. This new climbing rose surpasses all others of recent introduction in having a pure blue color. The flowers appear in large clusters, after the manner of the Crimson Rambler, are semi-double and of medium size. Upon first opening the color is partly bright red and partly bright rose, turning soon to a steel blue. The color is best described by saying that it resembles that of early violets. This variety is a strong grower, has shining green foliage and few thorns. It has not been troubled by mildew and is classed among the hardiest climbing roses withstanding the winters very successfully. Be the first in your neighborhood to show this grand new novelty. Plants ready for delivery May 15, if your order reaches us before that date will book same and mail at that time. Price, 16c each, postpaid.

### ROSE, "FLOWER OF FAIRFIELD."

The Everblooming Crimson Rambler.

For many years past it has been the endeavor of every rose grower to produce a climbing variety that would be of perpetual flowering habit. The many beautiful varieties of Rambler Roses were valuable acquisitions, but none of them could be called perpetual or everblooming, they producing only one crop of flowers during the season. The Flower of Fairfield, however, is correctly termed a perpetually blooming variety. It commences flowering in the spring or early summer, and produces repeated crops of bloom until late in the autumn. It is a sport from the famous Crimson Rambler; it is of the same color, if not a shade more brilliant, and has better resisting power to the sun. Flower of Fairfield blooms very profusely on young wood the first year after planting. It is very effective for covering walls, trellises or arches, and is equally attractive for table decoration or other use as cut flowers. It has been taken up very enthusiastically by the florists in both Europe and this country, and we anticipate a demand that will far exceed the available supply this season. Price, 16c each, postpaid.



Rose, Frau Karl Druschki.

## Hardy Garden ROSES

We offer strong, two-year old field grown plants, which under ordinary conditions should produce satisfactory flowering results the first season. Each, 40c; doz., \$4.00; 100, \$30.00. One of each of the twelve favorites for \$4.00. By express only.

**Anna de Diesbach.** Clear, bright carmine-pink, very large, full and finely shaped; fragrant and a free bloomer.

**Baron de Bonstetten.** Velvety blackish crimson; very large, double, fragrant flowers.

**Baroness Rothschild.** A superb rose, of pale, satiny-rose; very large.

**Frau Karl Druschki.** The ideal hardy white rose, pure in color, perfect in form; strong grower and remarkably free-flowering; a superb variety.

**General Jacqueminot.** Brilliant scarlet-crimson; an old favorite and one of the best.

**Gloire Lyonnaise.** White, tinted with yellow; large, full and of good shape; very distinct and pleasing.

**Mazna Charta.** Bright pink, suffused with carmine; a beautiful rose; strong, vigorous grower.

**Mrs. R. G. Sharman Crawford.** Deep rosy-pink, outer petals shaded with pale flesh.

**Mrs. John Laing.** Soft pink, of beautiful form; exceedingly fragrant and remarkably free-flowering.

**Paul Neyron.** Dark rose; of enormous size.

**Prince Camille de Rohan.** Deep velvety crimson maroon, shaded scarlet; a magnificent dark rose.

**Ulrich Brunner.** Bright cherry-red; flowers large and full; a good strong grower and always does well.

### Rosa Wichuraiana.

#### Memorial or Evergreen Rose.

A low-trailing species suitable for covering porches or rough ground; producing flowers in profusion after the June roses are past. The stems creep on the earth almost as close as Ivy. A distinct and valuable variety from Japan. Pink and white. Each 50c; 10, \$4.50.

### Rosa Rugosa.

A valuable, hardy rose, forming vigorous bushes four to six feet in height. Thrive everywhere and blossom through the summer. Attractive in autumn and early winter by its large, brilliant red seed pods. Pink and white. Each, 50c; 10, \$4.50.

## Hardy Climbing Roses

Extra strong two-year old stock; each, 50c; 10, \$4.50; by express only at buyer's expense.

**Baltimore Belle.** Pale blush, variegated carmine, rose and white; flowers in beautiful clusters, the whole plant appearing a perfect mass of bloom.

**Crimson Rambler.** Since the introduction of this wonderful variety, climbing roses have gained in popularity every season. This variety commands the admiration of all, by its gorgeous flowers; each cluster a bouquet in itself.

**Dorothy Perkins.** A beautiful companion to the Crimson Rambler; color a handsome shell-pink, which holds a long time without fading. The flowers

are borne in clusters of from ten to thirty and are very double. The buds are also remarkably beautiful. Very hardy and vigorous with deep green foliage.

**Prairie Queen.** Bright, rosy red frequented with white stripes. Foliage large and quite deeply serrated. Blooms in clusters; one of the finest.

**Rosa setigera. The Michigan or Prairie Rose.** The single flowers, of a deep rose color, are produced in masses thru June and July. Rapid in growth and excellent for covering banks and hillsides.



Photograph taken at the residence of Mr. W. E. Bateman, Minneapolis, showing a magnificent hedge of Dorothy Perkins Rose, which commanded the attention and admiration of everybody who saw it last season. California with its wonderful climate cannot produce a more gorgeous sight. Our illustration shows what can be done in the North with this excellent rose and its beautiful companions, Crimson Rambler, Lady Gay and the other climbing roses we offer.

**Boston Sword Fern.**

This popular fern has proven the best decorative plant of recent introduction. It is a rapid grower of very easy culture, soon forming a large, graceful plant; its beautiful fronds often attaining a length of 4 to 5 feet, which arch and droop gracefully. Price, 12c each, postpaid.

**Hydrangeas for House Culture.**

**Otaka**—A Japanese variety, producing immense heads of pink flowers. This is the variety so extensively used for Easter decoration. Grown as pot plants in all parts of the country. The immense heads of bloom make them very conspicuous. They can be put in the cellar in the fall. For decorative plants on a piazza or porch they produce a fine effect. Each, 16c, postpaid.

**Thomas Hooker**—Large, pure white flowers, which on well grown plants measure more than 12 inches in diameter. Grown as a pot plant for piazza or lawn decoration, 16c each, or above two Hydrangeas for 30c, postpaid.

**Japonica Rosea (New)**—In color, a fine rich pink. Is being grown largely by florists and at European exhibitions has been awarded medals. 25c each; the three varieties for 50c, postpaid.



Type of Rex Begonia.

**New Weeping Lantana, Delicatissima.**

Our illustration gives some idea of the charming New Weeping Lantana when planted in baskets vases or pots for which it is particularly recommended. The plant is a neat, handsome grower, proffer the ground with their pretty foliage and bear such an immense profusion of lovely clear pink flowers, that the whole bed seems a sheet of rosy bloom from early Summer till late Fall. 10c each, postpaid.

**Lemon.**

**American Wonder or Ponderosa.**

Quite a novelty of the citrus family. The plant is of rapid growth, with large dark green foliage, and often bears fruit weighing 3 to 5 lbs. Flowers are pure waxy-white and resemble orange blossoms, only larger and more compact and exceedingly sweet scented. An elegant plant for porch or lawn decoration. Very ornamental on account of its large, shiny foliage and its wonderful, immense fruit, which is produced very freely. It is of easy culture, flowering and fruiting in any good ordinary soil. The fruit is edible and may be used for all culinary purposes. Price, 15c each, postpaid.

**Otaheite Orange.**

**Chinese Dwarf.**

A grand pot plant of great beauty and novelty. It is a dwarf orange that grows, blooms and fruits freely in pots, even when only a foot or two high. The fruit is about one-half the size of the ordinary orange, and is very sweet and luscious. The blooms are produced in the greatest abundance, are delicate and beautiful in color, and rich in delicious perfume. It blooms most freely during the winter, although it is very likely to bloom at all times of the year. With one or two plants you can raise an abundance of fragrant blossoms. Price, 15c each, postpaid.

**Umbrella Plant.**

**Cyperus Alternifolius.**

A plant of the easiest culture and a large specimen is as handsome as a palm for decoration. It makes a handsome pot plant, or can be used in baskets or vases, making a charming effect. It will grow luxuriantly in water, and is therefore indispensable for aquariums or fountains. Each, 12c; three for 30c, postpaid.



Kentia Belmoreana.

**Solanum.**

**(Jerusalem Cherry).**

This old favorite of our grandmothers has been pushed from the front by the thousands of new plants advertised every year. The Jerusalem Cherry is a shrubby plant of dwarf growth and very easy culture. It may be planted out in the garden during summer, where it will bloom continuously with small white flowers with yellow center; and will form small cherries, which will turn bright red in autumn and remain on the plant all winter, if kept in the house. It may be kept in a cool window where it only gets a little of the morning sun. Price, 12c each; three for 30c, postpaid.

**The Kentia Palm.**

**Belmoreana.**

The Kentia Palm, besides being one of the most graceful and ornamental of all palms for the house or conservatory, is also one of the hardiest and easiest to grow. It is of slow growth, but is not affected by the dust and dry air of the house, and will grow and thrive where few other plants will live, and will continue to increase in size and beauty for many years. Fine, thrifty plants. Price, 15c each; two for 30c, postpaid.

All the seeds I have bought of you were good. My roses and other things I got of Northrup, King & Co., that were already rooted, have grown splendidly. (MRS.) J. McCONNELL, Everett, Wash.



New Weeping Lantana, Delicatissima



Asparagus Sprengerii.

**Asparagus Plumosa.**

**(Climbing Lace Fern.)**

A finer and more delicate plant than the Sprengerii but hardy and easily grown; an extremely graceful window climber, bright green feathery foliage, as fine as the finest silk or lace. The fronds retain their freshness for weeks when cut, and are greatly admired for floral decoration. An exceedingly beautiful plant and will thrive nicely in the temperature of an ordinary living room. Each, 12c, postpaid.

**Asparagus Sprengerii.**

**Emerald Feather Asparagus.**

This is undoubtedly one of the handsomest and most valuable evergreen trailing plants for the house and conservatory ever introduced. It is especially valuable for pots, vases, baskets, etc., covering all with its beautiful sprays of lovely green feathery foliage. Each, 12c. One plant each of the two kinds of Asparagus for 20c, postpaid.

**Rex or Painted Leaf**

**Begonias.**

They are grown exclusively for the rich and varied markings and remarkable beauty of their foliage, some of which are truly marvelous.

In no other class of plants are the rich metallic shades of various colors found so satisfactorily blended as in the Rex Begonias. Price, 15c each; three for 40c, postpaid.



Otaheite Orange.



A Beautiful, Smooth, Velvet, Green Lawn is Certain Only Thru Sowing

## Northrup, King & Co.'s "Sterling" Lawn Grass Seed

Sold Only in Sealed Bags.

ANALYZED AS TO PURITY

TESTED AS TO GERMINATION

Absolutely the Best Lawn Seed that Experience can Suggest, or that Money can Buy.



A smooth velvety lawn surrounding a house adds not only to the value, but enhances the enjoyment of every home, whether it be in city, town or country. When properly made, a lawn is the best investment a home owner can make. The following suggestions may be of benefit, especially to those who are about to make a new lawn.

A lawn may be made in two ways, by sodding or by sowing seed. Sodding is not only very expensive, but unsatisfactory as well. Sods are ordinarily taken from a pasture or along the roadside and almost invariably contain weed seeds and coarse tufted grasses which make their appearance after the lawn is made. Seeding is not only cheaper, but is attended with better results.

The most important thing to consider in selecting seed for lawn grass is to obtain a proper mixture of several varieties, for two reasons. First, each variety is at its best during a certain part of the season. By properly choosing early, medium and late grasses, a smooth, even, green lawn is assured from early spring to late autumn. Second, a given area can support only so many grass plants of one kind for they all absorb the same sort of food, but if several varieties are sown, the same area will support many more plants, as different sorts live on various elements in the soil. This will give a much thicker and more luxuriant turf all over the lawn.

With these facts in mind our Sterling Lawn Grass Seed is scientifically combined. Our experience of many years has given us an intimate knowledge of grasses, their habits and requirements. In our Sterling Lawn Grass Seed are included only the very best varieties—pure, clean and free from foul seed.

Our Sterling Lawn Grass is very quick in growth and is ready for mowing in from four to six weeks from the time the seed is sown.

From early spring until late in the fall lawns sown with Sterling Lawn Grass remain green and fresh, including as this mixture does quick growing varieties which are at their best soon after the frost is out of the ground, others that mature and flourish in mid-summer, and still others that are greenest and

**Lawn Restoring Grass Seed.** In the spring of the year there are, in most every lawn, thin or bare spots which were caused by ice or exposure during the winter months. These may be very quickly renewed by an application of this mixture which is made up of those varieties of seeds which will grow rapidly and occupy the ground before weeds obtain a foothold. A spotted lawn may thus be made uniform and beautiful at slight expense. Price, by mail postpaid, lb., 40c; by express or freight, lb., 30c; 10 lbs., \$3.00; 25 lbs., \$6.50; 100 lbs., \$25.00.

sturdiest in autumn. For each of these seasons there are several different varieties living on different elements in the soil, so that one is certain always to have a satisfactory carpet of green wherever Sterling Lawn Grass is sown.

Strangers visiting Minneapolis frequently comment upon the beauty of its lawns, both in the public parks and about the homes of the residents. Our Lawn Grass Seed is used very extensively, not only in our own city, but in all parts of our state and country, and the demand for it is increasing every year. Our Lawn Seed is used on golf courses, tennis courts, croquet lawns, athletic fields, in parks, cemeteries and private grounds, with unvarying success. A brand of lawn grass seed, such as the Sterling Mixture, that gives perfect satisfaction for these requirements is bound to insure a fine, beautiful, velvety turf around any ordinary, well cared for residence.

The most exacting use to which it is put is the keeping of putting greens on golf courses in condition. These must be smooth, even, and as level as possible. We call attention to our Golf Mixture at the bottom of this page which is now being extensively used for this purpose.

Not only is Sterling Lawn Grass suitable for the making of new lawns, but it will be found equally valuable for quickly renewing imperfect, old and worn-out areas.

Our BOOKLET ON LAWNS tells how to build new lawns, how to repair old lawns, and how to keep lawns green. We will mail one of these booklets free to any one on request, or it will be sent with every order for Lawn Grass Seed, without extra charge. Our Sterling Lawn Seed is free from chaff and weighs 20 pounds to the bushel. Many other mixtures, as commonly sold, weigh but 14 pounds to the bushel. A pound of Sterling Lawn Seed will, therefore, cover a much larger area than will a pound of the cheaper mixtures. In making a new lawn one pound of Sterling Lawn Seed will sow 300 square feet. Price by mail, postpaid, lb., 35c; by express or freight at purchaser's expense, lb., 25c; 10 lbs., \$2.50; 25 lbs., \$5.50; 100 lbs., \$21.00; bags free.

**Golf Mixture.** On golf courses a mixture of grass seed is required which will give a smooth, level, compact turf. Our long experience in the mixing of grasses enables us to select those best adapted for this purpose. This is the seed which was sown on the Minikahda Club's golf course pronounced by professional players to be the finest sward in the country. This is the finest golf mixture obtainable. Price, by mail, postpaid, lb., 40c; by express or freight at purchaser's expense, lb., 30c; 10 lbs., \$3.00; 25 lbs., \$7.00; 100 lbs., \$26.00.

# LAWN GRASS

For Special Locations.

## Northrup, King & Co.'s Shady Place Mixture.

(Sold only in sealed bags.) On almost every lawn there are shady places where difficulty is experienced in getting the grass to grow. These bare spots are very unsightly and disfigure the lawn. In such places proper seeding may be all that is required. In this mixture we have combined fine, dwarf growing, evergreen varieties which do well in sheltered or shaded spots. Some varieties of grass require more sun than others, therefore if the kinds which need the least sun are selected, those sorts when sown in shady places will thrive and make a good appearance. Frequently a shady lawn, which is at the same time insufficiently drained, becomes affected with moss and coarse bog grasses. In such cases an application of slacked lime at the rate of forty to fifty pounds to each thousand square feet is an excellent remedy; but the moss should first be removed by the use of a sharp rake. When this is done, sow our Shady Place Lawn Mixture, which will bring greenness to the bare spots and restore the beauty of your lawn. Of course very densely shaded places are quite hopeless and no variety of grass can be made to flourish under such conditions. Price, by mail postpaid, lb., 40c; by express or freight at purchaser's expense, lb., 30c; 10 lbs., \$3.00; 25 lbs., \$6.50; 100 lbs., \$25.00; bags free.

**Especially Good Luck.**

*The seeds I purchased of you last spring were all good. I had especially good luck with the Shady Place Lawn Grass Mixture.* EDWARD PETERSON, Stratford, Iowa.

**Good Mixed Lawn Grass.** This is a mixture which does not contain so many varieties of seed as the Sterling or the Park Mixture, but will produce fine, healthy, vigorous grass. It may be used in inconspicuous places and on side hills where shrubs or trees are numerous. On large areas which are infrequently used, but which are desired to look well, this mixture can be used to advantage. For the money it is unquestionably the best on the market. By mail, postpaid, lb., 28c; by express or freight at purchaser's expense, lb., 18c; 10 lbs., \$1.80; 25 lbs., \$4.25; 100 lbs., \$16.00.

## Northrup, King & Co.'s Park Mixture.

(Sold only in sealed bags.) The importance of parks in our cities and towns is being emphasized more strongly each season. They add not only to the health and enjoyment of the residents, but prove a valuable asset to any community. Our Park Mixture Lawn Grass Seed is made up of such varieties as will produce thick luxuriant turf. It will stand considerable wear, and for this reason is suitable for play grounds, parks or fields over which the public is allowed to roam. This mixture does not include quite so many or as costly varieties as our Sterling Lawn Grass Seed, and is therefore less expensive. We know of no mixture which will give better results at the price.



We append below a statement from Mr. W. M. Berry, who was for twenty-two years Superintendent of Parks of Minneapolis, and for fifteen years immediately preceding, Superintendent of South Park, Chicago. This letter speaks for our Lawn Grass Seed, coming as it did from one of the most widely known and experienced Park Superintendents of the United States, and covering many years continuous use of our Lawn Grass Mixtures in large quantities. By mail, postpaid, lb., 30c; by express or freight at purchaser's expense, lb., 20c; 10 lbs., \$2.00; 25 lbs., \$4.75; 100 lbs., \$19.00; bags free.

### Mr. Berry's Letter.

*During the many years in which I have been Superintendent of Parks in Minneapolis, our park system has been built and we have been obliged to seed large areas to grass each year. It affords me great pleasure to state that during all this time I have found your Lawn Seed of a uniformly high quality, both as respects strong germinating power and freedom from undesirable seeds, besides producing a turf of fine texture and great durability.*

W. M. BERRY, Superintendent.

## Northrup, King & Co.'s Terrace Mixture.

(Sold only in sealed bags.) The secret of a fine sward for terraces lies in obtaining grass that roots deeply and spreads so as to make a heavy mat of sod. To keep such sod in first-class condition, the grass should not be cut too often nor too closely. Give it a chance to grow strong and tough. Let the food which the grass blades get from the air and dew and rain work down to strengthen the roots. This mixture is best suited for sowing on terraces, embankments and side hills, preventing heavy rains from washing them out, and withstanding drought and exposure; produces at the same time a velvety, luxuriant turf of especially fine appearance. Some years ago, at the time the Minneapolis Industrial Exposition Building was opened, the grounds were terraced to the street. The management were anxious to have the grounds look as well as possible, but were in a quandary as to the terrace. We furnished them with our Terrace Mixture six weeks before the Exposition opened, with the result that at the end of that time the terraces looked as though they had been established for several years. Price by mail, postpaid, 40c; by freight or express at purchaser's expense, lb., 30c; 10 lbs., \$3.00; 25 lbs., \$6.50; 100 lbs., \$25.00; bags free.

**Quantities Required.** In order to secure quick and satisfactory results, a liberal quantity of Lawn Grass Seed should be used, as spots not seeded will surely be occupied by weeds. The usual rule is one pound for 300 square feet; 60 to 80 lbs. for an acre.

**Special Mixtures.** We are at all times glad to make up special mixtures of lawn grass to meet the requirements of existing conditions. We have been very successful in combinations of grasses for terraces, shady places, exposed situations, etc.

**Lawn Dressing.** We refer to page 129 for complete descriptions and prices of commercial fertilizers.

# NORTHRUP, KING & CO.'S SELECT FIELD SEEDS

Prices quoted on Field Seeds are those in effect at the time this catalog goes to press, Jan. 1st. We will maintain these prices as long as possible, but cannot guarantee them throughout the season. Order early before our stocks are exhausted. Our Red Figure Price List of Field and Grass Seeds is issued from time to time during the season and will be mailed free, on request.



Scientific Breeding of New Varieties of Field Seeds at the Minnesota Experiment Station.

## Northrup, King & Co.'s Lincoln Oat



We believe the "Lincoln" to be the best oat ever introduced. The claims we made for earliness, enormous yielding qualities and freedom from rust when first sending it out, have been fully sustained on every point and from all sections. Hundreds of customers have written us that, on account of its stiff straw, it stood up perfectly under weather that caused all other varieties to lodge. It is the best and most economical oat for feeding on account of its thin hull, heavy meat and soft nib. The Lincoln Oat has a sprangle top head.

Why plant unknown varieties or run out stock, when you can get true stock of Lincoln Oats from the introducers at reasonable prices.

It is one thing to make extravagant and ridiculous claims for an oat in sending it out. It is another thing to be able to point to such a record as the Lincoln Oat possesses. Introduced by us in 1893, our sales since then have steadily increased. Why is this so? Not because of extensive advertising, for we have not for several years expended a dollar in pushing it, outside of the usual mention in our annual catalog. It is simply for the reason that it has built up for itself such a reputation that people will have it, and they come to us for it, because they know that from us they will get the genuine seed.

Price of Lincoln Oats. Lb., postpaid, 25c; bu. of 32 lbs., \$1.25; 2 bu., \$2.20; 10 bu., \$10.00; 100 bu., \$90.00. Sacks free, delivered to any railroad station in Minneapolis.

## Northrup, King & Co.'s Lincoln Oats Hold the Record

FOR THE LARGEST AUTHENTIC YIELD  
817 Bushels and 21 Pounds From Seven Bushels of Seed

The year following their introduction by us of Lincoln Oats, we paid \$500.00 in cash prizes to the following successful competitors, for the largest yields from a SINGLE BUSHEL OF NORTHRUP, KING & CO.'S LINCOLN OATS.

A. M. Hightower.....	1st prize, 174 bu. 19 lbs.,	\$200.00
G. L. Gordon.....	2nd " 168 " 22 "	100.00
J. F. Wood.....	3rd " 123 " 8 "	75.00
E. L. Bradley.....	4th " 120 " 13 "	60.00
Wm. Gans.....	5th " 78 " 18 "	35.00
R. N. Lewis.....	6th " 76 " 16 "	20.00
James Young.....	7th " 75 " 21 "	10.00

From the above list of prize winners it will be seen that the total yield from 7 bushels of seed was 817 bushels and 21 pounds, the largest yield of oats ever known and duly verified.

**CAUTION** It has come to our knowledge that certain seed houses are sending out as Lincoln Oats, common, ordinary oats, such as can be bought at any FEED STORE. Of this we have POSITIVE INFORMATION. As the introducers of this Oat, and having a just pride in sustaining its reputation, we deem it necessary to caution the public against the imposition thus practiced. The only safe plan is to buy your seed from us or from those who can show proof of having obtained their seed direct from us.



Harvesting Northrup, King & Co.'s Lincoln Oats.



Minnesota No. 26 Oats.

## OATS

### Minnesota No. 6 and Minnesota No. 26.

The agriculturists of the Minnesota Experiment Station have been breeding new varieties of oats. They secured planting stocks of every known variety and grew them for a number of years retaining the earliest and most productive varieties. From these they selected the two most promising sorts and commenced saving seed from the individual plants which showed the best characteristics. These two varieties thus improved they have named Minnesota No. 6 and Minnesota No. 26. We are now able to offer the product of the seed of both varieties. It seems almost unnecessary to say that these varieties ought to be and are of very great value. We do not know what this work of selection by the best scientists in their line in this country cost the state of Minnesota, but it is safe to say that the first bushel of each represented an expenditure of several thousand dollars. The Station authorities do not recommend one variety above the other as both seem equally promising. Prof. Bull writes us: "It has been a question in my mind for the past year or so whether No. 6 or No. 26 is the better oat. To the farmers No. 6 looks far the better while growing, but our trials here show No. 26 yields more an acre and has a thinner hull than No. 6. The character of the berry is inclined to be long and slim while that of No. 6 is of the short plump, potato type. Minnesota No. 26 also seems to resist lodging better than Minnesota No. 6."

The average yield for the past 14 years at the Minnesota Experiment Station of the No. 26 Oat is 63.9 bu.; of the No. 6 Oat, 62.2 bu. Both these oats have spreading panicles.

We have been growing both these oats for several years and have not yet determined for ourselves which is the better oat. One thing is certain, both are splendid oats. No mistake can be made in buying either.

**Minnesota No. 6.** Bushel of 32 lbs., \$1.40; 2 bu., \$2.60; 10 bu., \$12.00. Bags free.

**Minnesota No. 26.** Bushel of 32 lbs., \$1.40; 2 bu., \$2.60; 10 bu., \$12.00. Bags free.

**Sixty Day Oats.** The original seed of this valuable oat was secured in Russia by the United States Department of Agriculture in 1901. Some of this seed was sent by the Government to the South Dakota Experiment Station, and that institution in its bulletin No. 96 makes the following report: "With only two exceptions, every farmer to whom we have sold this oat is still growing it and is much pleased with it. It is similar to the Kherson oat, which has been a marked success in Nebraska, but it is adapted to a section somewhat farther north than that variety. In North Dakota the Sixty Day Oat has headed the list of varieties under trial for the last three years. It is a small yellowish oat that weighs about 34 pounds a bushel. The hull is very thin, being easily shelled off in threshing if the concaves are set too closely."

The Sixty Day Oat has made a fair crop when other varieties failed entirely. It is so early that it may be harvested with barley, and is three weeks ahead of most other sorts. It has averaged 40 to 60 bushels to the acre the last two seasons on the same ground on which other varieties failed almost entirely. The average yield of Sixty Day Oats at the Minnesota Experiment Station has been 64 bushels an acre. It must be borne in mind that some years have been very unfavorable and that the yield in 1908 was only 41 bushels an acre, which was larger than any other variety grown on the Station grounds. This is not a side oat. Price, lb., 20c, postpaid; by express or freight, ¼ bu., 35c; bu., \$1.15; 2 bu., \$2.10; 10 bu., \$10.00; bags free.

**Kherson Oats.** These oats originally came from Russia, where they were known as the best extra early, hardy, good yielding oats. Kherson Oats when ripe are a beautiful yellow in color. They have fine large sprangles or full heads. The straw is stiff and is not subject to rust, nor does it readily lodge. The leaves are broad and extend nearly to the roots. The straw makes unusually good fodder and is readily eaten by all kinds of stock. They are a good yielder under favorable conditions. They do much better than many other varieties in dry seasons, giving a fair crop when other varieties yield hardly 10 bushels to the acre. We have a fine lot of Kherson Oats for seed. Place orders early before our stock is exhausted. Price, lb., 20c, postpaid; ¼ bu., 35c; bu., \$1.15; 2 bu., \$2.10; 10 bu., \$10.00. Bags free.

**Improved White Russian Oats.** The original stock of White Russian Oats, was a capital oat, and sprang immediately into great favor. It is quite distinct from most other varieties, being a side or horse mane oat. Of late years it has become badly mixed and deteriorated by not being properly grown. We are now able to offer White Russian Oats grown in North Dakota in its old time purity. It is a well established fact that the true White Russian is as nearly rust proof as any oat can well be, and we are confident that there will be a great demand for this variety. It is a good yielder and quite hardy. It is not quite so early as some other varieties, but on account of its ability to withstand unfavorable weather will be found very satisfactory. Lb., 20c by mail postpaid; by express or freight, ¼ bu., 35c; bu., \$1.15; 2 bu., \$2.10; 10 bu., \$10.00; 50 bu., \$45.00; 100 bu., \$80.00; bags free.

**Silver Mine Oats.** This oat has made for itself a reputation as an exceedingly heavy and reliable yielder. It is very hardy and prolific and yields beautiful white kernels, which are especially desirable for the manufacture of rolled oats. Oat meal is becoming as staple in the United States as it is in Scotland and our mills are handicapped by their inability to obtain good oats.

The heads are very large in proportion to its stiff, bright, clean straw. The sprangle top heads, although long, are borne low down on the stalk, which seems to prevent lodging. The straw is valuable for feed and for bedding. As a rule, oats yield a greater profit an acre than wheat, and they are also a more reliable crop. The demand for this variety last season exhausted our supply very early. While the crop was not large, we have a good stock on hand at the present time and suggest early orders to avoid disappointment. Lb., 20c postpaid; ¼ bu., 35c; bu., \$1.15; 2 bu., \$2.10; 10 bu., \$10.00; 100 bu., \$85.00; bags free.

**Banner Oats.** This is another standard and well known variety of oats, renowned for its earliness, stiffness of straw and large yields. The grain is white, large and plump, and ripens early. It stools freely and throws up a larger number of stems than some varieties. We have a few car loads of heavy, clean seed which we offer, subject to market changes, at 85c a bushel; 10 bu., \$7.50; 100 bu., \$73.00; bags free.

**SPECIAL NOTICE.**—This offer affords an opportunity to those who desire to make a change of seed, without purchasing our selected seed grain, to do so at a very small cost. We suggest ordering early as our stock will not last long at this price.

**Montana Wonder.** This strain of wonderfully productive oats was grown for us in Montana where it is

in great favor. We have distributed this variety in many localities in Minnesota, Wisconsin and the Dakotas and every report we have received is highly commendatory. The yield is very large, exceeding many of the well-known varieties when grown side by side. The straw grows tall but is stiff and strong and does not readily lodge. The oats are borne in long, loose heads and are white and clean. They mature medium early, about a week or ten days after the extra early sorts. This oat is well worth trying and will be sure to please. Lb., 20c, postpaid; ¼ bu., 35c; bu., \$1.15; 2 bu., \$2.10; 10 bu., \$10.00.

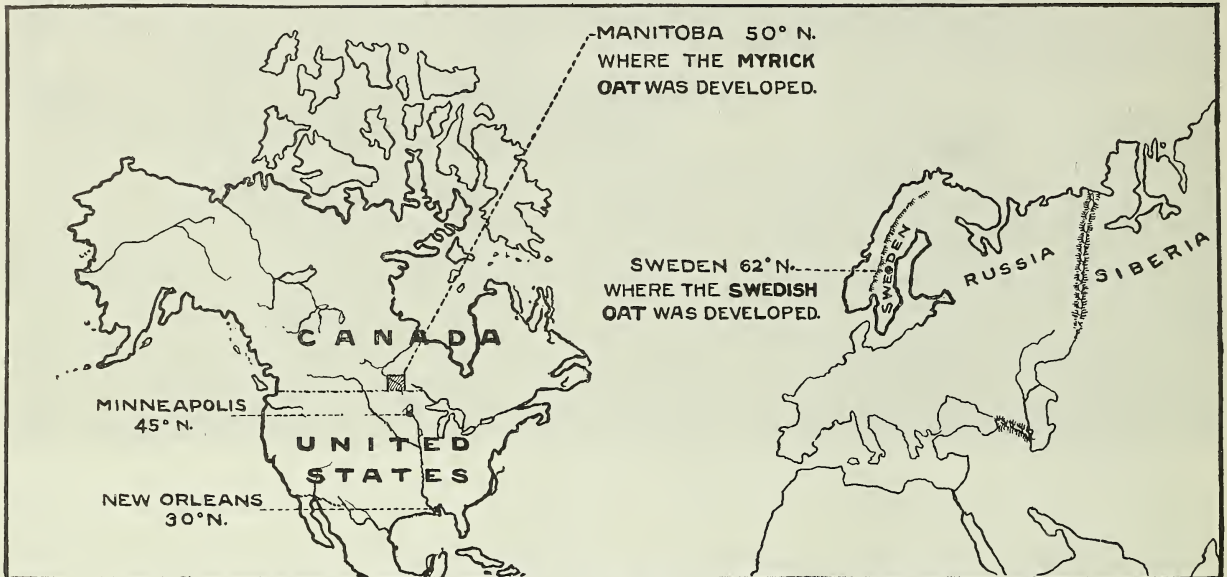
**A Wonder Indeed**  
The Montana Wonder Oats you sent us surely are a wonder. They are by far the best looking oats in this part of the country although they were put in two weeks later than the rest of the oats. Everybody that sees the oats want us to let them have some for seed for next year.  
AXEL STONEWALL,  
Adams County, N. D.



Montana Wonder Oats.

# FOUR REMARKABLE IMPROVED OATS

Our offer of the Myrick, Improved Swedish, Big Four and Black Beauty Oats affords an opportunity of securing at reasonable cost, seed, each kernel of which has within its germ, the vigor, hardiness and disease resisting forces inherited from the hardy North.



Mr. James J. Hill, formerly President of the Great Northern Railroad, in a recent address said, "It is well understood that the farther north either animal or vegetable life is developed, the better that development is."

If this statement is true, and all authorities agree that it is true, the above map should be of interest to those who are looking for a new stock of pure, healthy, well bred oats grown under circumstances which not only insure the highest development of the plant along productive lines, but the greatest power to resist disease. It will be noticed by consulting the map that the original seed of the Swedish Oat was grown in latitude 62 degrees North. Minnesota is next to the Manitoba line and is as far north as any state in the Union, but the Swedish Oats were originated as much farther north of Minneapolis as Minneapolis is north of New Orleans, about 1300 miles.

The Myrick Oat was produced in latitude 50 degrees North, about 400 miles north of Minneapolis, not so far north as the Swedish Oat but under such surroundings and conditions as to make it a notable oat in any company.

**The Myrick Oat.** This oat was named in honor of Mr. Herbert Myrick, editor of the American Agriculturist, from the fact that it was the oat selected by Prof. Thos. Shaw and Mr. Shamel, editor of the Orange Judd Farmer, to be used in the great contest inaugurated in 1906 by the Orange Judd Farmer and the American Agriculturist for the "Improvement of Grain Growers' Profits."

The Myrick Oat is a selection from the original American Banner Oat grown and improved by Prof. Bedford of the Indian Head Experiment Station and further improved by Mr. H. Nichol of Manitoba, from whom we secured our stock. Our original seed weighed 48 lbs. to the measured bushel. It is a round head variety.

The chief claim of the Myrick Oat to distinction is its earliness, productiveness and uniformity of ripening. It will be noticed with most oats that when the great body of them is ripe there are many small and immature oats which do not fill out and which disappear over the tail board in cleaning and are therefore waste. The superiority of the Myrick Oat in this particular above all other oats is very marked and probably adds fully 10 per cent. to its yield. Price per bu. of 32 lbs. @ \$1.40; 2½ bu. @ \$1.30; 10 bu. @ \$1.20; 50 bu. and over @ \$1.10. Bags free.

**Improved Swedish Oat.** Considered by many to be the most valuable oat raised in the Northwest today. It is known under other names, such as King Oscar, Wisconsin No. 4, etc. This was originally quite a late oat made early by growing it in the high altitude in which it was developed. It possesses striking features, the grain is short, plump, white, and very heavy, under favorable conditions averaging about 40 lbs. to the measured bushel. Owing to its great root development it stands very high for its drought resisting qualities. At the Wisconsin Experiment Station it has stood at the head of the list for several years, having been distributed by that station as Wisconsin No. 4. Prof. Moore of Wisconsin, says of the Swedish Oat, "The most satisfactory of all." Prof. Carleton of U. S. Department of Agriculture says, "Probably the best American Oat." Prof. Shepard of the South Dakota Station says, "They are the best drought resister of all our new plants."



The Swedish Oat has been recommended by experiment stations and others for all soils. We are not inclined to agree in this. Its habit of growth is so vigorous that on heavy soils it is likely to lodge. For light soils it has no superior. Price, ¼ bu., 40c; bu., \$1.20; 2 bu., \$2.20; 10 bu., \$10.50; 50 bu., \$50.00. Bags free.

**Black Beauty Oats.** These oats mark such a distinct advance over all other varieties, especially in point of productiveness and strength of straw, as to set them apart and above all other oats. They are in a class of their own, and in the particulars above mentioned are not approached by any other oat.

At the present time but few black oats are grown in America. Canada has found how good they are and is now growing them very largely. In most European countries they have decidedly the preference, and in England it is safe to say that three bushels of black oats are grown to one of white.

They are preferred by those who have had experience with them principally on account of their superior yielding qualities, but besides being fully equal, if not better than white oats in point of feeding qualities, they possess another very valuable characteristic in the unequalled stiffness and strength of straw. Nothing less than a tornado or cyclone will lodge them.

Black Beauty Oats are the best of all black oats. They are early, the straw is exceedingly strong and vigorous, and the head is extremely long. On account of its remarkable stooling propensities two bushels are amply sufficient to seed an acre. Price, ¼ bu., 50c; 1 bu., \$1.35; 2 bu., \$2.50; 10 bu., \$12.00; 50 bu., \$55.00. Bags free.

**Big Four Oats.** These are a very handsome and heavy white oat of great productiveness, and has become very popular in many sections of Iowa, Wisconsin, Minnesota and South Dakota. They do very well on ordinary soil. On rich, heavy land it grows so rank, the straw not being large in proportion to its weight, that they are much inclined to lodge. Large yields have been reported from this oat. Altho the past season has not been at all favorable for oats and most samples show bad discoloration, we offer stock which is of good appearance and which under favorable circumstances will give an excellent yield of good quality. Price, lb., 20c, postpaid; by express or freight, ¼ bu., 40c; bu., \$1.15; 2 bu. @ \$1.05; 10 bu. @ 95c; 20 bu. @ 85c. Bags free.



# FLAX

## Minnesota No. 25 or Primost.

This is a pure bred Flax. It is selected from a variety which came to the Minnesota Experiment Station from the U. S. Department of Agriculture.

In 1896 numerous individual plants were selected from a bed of this flax, some with heavy bushy tops to be used in breeding for a larger yield of seed; others with tall, slender stems for fibre. Each of these selected mother plants was grown in the nursery for several years, and the resulting varieties from some of them were so promising that they were increased and put into the field variety test plots where they were grown for three years: 1902, 1903 and 1904. The best of these stocks selected for seed is the Minnesota No. 25, and named Primost, and its record in the field tests at the Minnesota Experiment Station is given in the tables below:

### Minnesota No. 25 Compared With Three Other Varieties.

Average yield of Minnesota No. 25 for three years was.....	19.3 bu.
Average yield of 3 commercial varieties for three years was.....	15.9 bu.

Increase in favor of Minnesota No. 25..... 3.4 bu.

In 1905 seed was sent to a number of Minnesota farmers by the Experiment Station to see what the flax would do under ordinary farm conditions. Forty-eight reports were received which showed:

### Average Comparative Yields in 1905 by 48 Farmers Throughout the State

Minnesota No. 25 Flax, average yield an acre 15.0 bu.	
Common flax, average yield an acre, (under same conditions).....	11.9 bu.
Gain in favor of Minnesota No. 25 "Primost".....	3.1 bu.
Flax.....	3.1 bu.

Or an increased yield of 26%.

An increase in yield of three bushels of flax an acre means an extra profit of about \$1.50 an acre at the present price of flax.

There can hardly be a doubt that this is the champion flax of the Northwest. The yield at the Minnesota Experiment Station for 1908 was 16 bu. an acre. The state average for 1907 was only 10.5 bu. an acre and the United States Department of Agriculture reports the average yield for the United States for six years was only 9.4 bu. an acre.

The seed we offer was grown on new land in the Northern part of North Dakota (1½ miles from the Manitoba line). The following quotation from a letter received from one of our growers calls attention to the extreme earliness of this flax, a feature equal in importance with its yield:

#### Ten Days Earlier.

*This No. 25 Flax is fully ten days earlier than any other flax. This ten days means a great deal to the flax growers of North Dakota. In former seasons I have lost my entire crop when if I had had this flax it could easily have been saved. I regard this No. 25 Flax as being of inestimable value to the farmers of the Northwest.*

JAMES AUSTIN.

This valuable flax is also will-resistant to a very considerable extent. The past season has demonstrated this important fact.

Our supply of this seed is limited. Send your orders early. Price, per lb., 20c, postpaid. By freight, ¼ bu., 80c; bu., \$2.70; 2 bu., \$5.20; 10 bu., \$25.00. Bags free.



Minnesota No. 25 or Primost Flax at Left; Common Flax at Right. Note Height.

## Russian Flax.

This is at present the standard sort used in the Northwest, although we expect the No. 25 or Primost to entirely supersede it as soon as the merits of that new sort become generally known. Flax seed can be bought from almost any farmer or elevator in the Northwest, but it is not what we call Seed flax. It is a rare sight now to see a lot of flax which does not contain mustard, and the ordinary fanning mill or cleaner will not remove all the mustard. It requires special machinery to make seed of any grain, and this is especially true of Flax. To sow mustard is to reap the whirlwind. Cleaning flax so as to make it "right" for seed is a somewhat expensive operation and involves a very considerable waste. So our price may seem high, but write for sample, use the magnifying glass, and compare it with flax from the farm or elevator and judge for yourself if our seed is not worth to you all it cost. Price, ¼ bu., 75c; bu., \$2.50; 2 bu., \$4.80; 10 bu., \$23.00. Bags free.

### Good for 25 Bushels to the Acre.

Your seed has always been No. 1. The Flax, "Primost" I bought is fine; it is good for 25 bushels to the acre. S. JENSON, Alma, Wis.

# BUCKWHEAT

## Japanese Buckwheat.

Entirely distinct from all other varieties. It has the advantage of remaining for some time in bloom and produces seed earlier. On this account it can be grown farther north. It resists drought and blight very well. The seed is rich dark brown in color and larger than Silver Hull. As much as forty bushels to the acre has been harvested of this variety making it very profitable to raise. ¼ bu., 50c; bu., \$1.45; 2 bu., \$2.70; 10 bu., \$12.50. Bags free.

## Silver Hull Buckwheat.

This valuable variety originated abroad and is a decided improvement on the old black or gray sort. It is early, remains longer in bloom than other sorts. A fine variety for honey bees. The grain is of a beautiful light gray color, and has a thin husk. Millers prefer Silver Hull, there being less waste and it makes whiter, better and more nutritious flour than other varieties. Silver Hull is more productive and the grain meets with a more ready sale, bringing higher prices than the Japanese. Under favorable conditions it will yield 40 to 50 bushels an acre. ¼ bu., 45c; bu., \$1.40; 2 bu., \$2.70; 10 bu., \$12.50. Bags free.

# RYE

## Spring Rye.

True Stock. Spring Rye is an excellent catch crop where winter grain has been killed out, or for sowing where a fall crop has not been planted. If desired it can be turned under and made to answer a good purpose in adding to the fertility of the soil. It can be sown later than other spring grain. Does not grow quite as large straw as Winter Rye, but usually yields equally as well and grain is of finer quality. We call particular attention to the fact that we offer genuine Spring Rye. Many have been disappointed in receiving Winter Rye as a spring variety, and we wish to emphasize the fact that we sell the genuine Spring Rye, sown in the spring and harvested the same season. We now offer an extra fine grade and to insure receiving all your requirements we advise placing your order early, as we have only one carload at this time and may not be able to obtain more of as good quality. By express or freight, bu., \$1.45; 2 bu., \$2.70; 10 bu., \$12.50. Bags free.

## Northrup, King & Co.'s Amber Winter Rye.

(Sold only in sealed bags.) The value of Amber Winter Rye is becoming more apparent every year. It is much harder than wheat and can be grown on a greater variety of soils, even on soil that would not produce a fair crop of wheat. It will thrive even in dry seasons and on light sandy loam. It is grown not only for grain, but for fodder and soiling purposes also. When sown in the autumn it starts up very early in the spring and is ready to cut or pasture when about six inches high. It is often plowed under at this stage of its growth as it is then in condition to add great fertility to the soil.

Amber Winter Rye is easily distinguished by its rich golden amber color and by the unusual size and uniformity of the grains. The seed is grown under such good care and favorable conditions that it excels all other varieties in every particular. Price, ¼ bu., 35c; bu., \$1.15; 2 bu., \$2.20; 10 bu., \$10.00. Bags free.

Winter Rye. A good stock, re-cleaned. ¼ bu., 35c; bu., \$1.10; 2 bu., \$2.00; 10 bu., \$9.00.



A Field of Buckwheat in Bloom. Fine for Bees.

# IMPROVED WHITE HULLESS BARLEY

## Its Valuable Properties.

IT IS HULLESS  
 IT IS BEARDLESS  
 IT IS VERY EARLY  
 IT WEIGHS OVER 60 POUNDS TO THE MEASURED BUSHEL  
 IT YIELDS WELL ON POOR LAND  
 IT YIELDS ENORMOUSLY ON GOOD LAND  
 IT MAKES BETTER PORK THAN CORN  
 IT MAKES EXCELLENT FLOUR  
 THE STRAW MAKES GOOD HAY  
 IT IS OF INESTIMABLE VALUE TO EVERY ONE WHO FEEDS STOCK



Heads of White Hulless Barley.

### 80 Bushels to the Acre.

*I have raised Improved White Hulless Barley for two years and it has averaged over 80 bushels to the acre. I grind and use it in place of buckwheat flour and find it very much better. It is the very best feed for stock. I would not be without it under any consideration. It ripens with me in 90 days.*

N. LEWIS, Roseau Co., Minn.

### Took The Gold Medal.

*The Improved White Hulless Barley which took the gold medal at St. Louis and also at Portland Expositions was raised by me from your seed.*

THEODORE REED, Latah Co., Ida.

### Beaten All Others.

*The Improved White Hulless Barley received from you for three years has by far beaten all other varieties purchased from other dealers. I highly recommend it.*

CARL TROIEL, Jefferson Co., Washington.

### Of Great Value.

*I find Beardless Barley very satisfactory in cleaning the ground from wild oats, mustard and other foul weeds on account of its ripening before the weed seeds fall. Further, I find it of great value for fodder for both horses and cattle, there being no beards and they eat it as readily as they do hay.*

JAMES AUSTIN, Cavalier Co., North Dakota.

### Marvels.

*The Beardless and Improved White Hulless Barleys are marvels in the line of grain.*

GEO. MATTHIES, Sanders Co., Montana.

### Best Barley I Ever Saw.

*I am surprised at the Improved White Hulless Barley received from you. From one bushel I raised 30 bushels and 43 pounds. It is the best barley I ever saw. Your grain is the best.*

FOSTER H. WERK, Chouteau Co., Montana.

### Certainly Did Well.

*We have used your seeds for five years and they have always given good satisfaction. The White Hulless Barley certainly did well.*

JAS. H. HOYT, Fall River, Wis.

### Were O. K.

*The White Hulless Barley and the Red Clover purchased last year were O. K.*

ALBERT J. SCHMETZLE, Utica, S. D.

No barley of which we have knowledge has proved as valuable to the stock raiser as the Improved White Hulless. It is not a malting variety, but for feeding purposes there is no barley raised which can compare with it in earliness, yield and quality. It has many very valuable properties. While it has sufficient hull to hold it in the head, these hulls are readily separated in threshing. The absence of beards makes it safe to feed to all kinds of stock. Its earliness is a characteristic which is especially desirable. It will mature in from 60 to 90 days, according to soil and locality. In Montana the farmers use it very extensively as a catch crop. Those seasons in which wheat failed on account of drought, insects or disease, White Hulless Barley was sown in June and had ample opportunity to mature, provided there was sufficient moisture in the ground to start germination.

The grain is exceedingly heavy, weighing from 60 to 63 pounds to the measured bushel. The yield varies according to soil and climatic conditions, but it can be depended upon to produce from 35 to 80 bushels an acre. Its nutritive value is very great. It is fed to work-horses at the rate of 2 quarts where 4 quarts of oats would be required. The best way is to mix it with oats and grind the two together for horse feed. It is also very valuable for feeding poultry, hogs and all kinds of stock. As fattening feed for hogs it has no equal. It makes sweeter meat and nicer lard by far than corn.

It is often grown for hay, coming very early and providing rich feed. It should be cut just before it becomes ripe and while the straw is green. In this condition it is relished by all kinds of stock. The straw is stiff and straight, and seldom if ever does it lodge.

We refer to a few letters from users of White Hulless Barley. We regret that space does not permit the publication of more.

For grain sow  $1\frac{1}{2}$  bushels to the acre; for hay, 2 bushels. Prices, lb., postpaid, 30c; by freight or express at purchaser's expense.  $\frac{1}{4}$  bu., 50c; bu. of 48 lbs., \$1.50; 2 bus., \$2.80; 10 bu., \$13.00. Bags free.

For 10 cents a sample of this unique and valuable barley will be sent to those who wish to inspect it before purchasing.

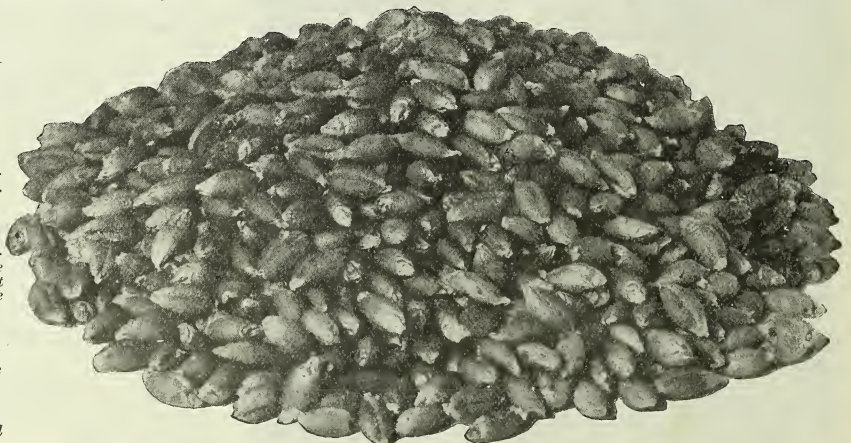
### SPECIAL NOTICE.

There has been no year since we first introduced the White Hulless Barley that we have been able to fill all orders received for it. Each season we have been obliged to return money to hundreds of disappointed customers. There is sure to be an enormous call for it this season, and, as our supply is not large, we urge early orders from those wishing to secure it.

### Wonderful!

The Improved White Hulless Barley is wonderful in yield and early ripening in this northern latitude.

GEO. W. SMITH,  
 Beltrami Co., Minnesota.



White Hulless Barley Showing Plumpness, Large Size and Fine Appearance.

# BARLEY



Experimental Plots of Barley.

**Minnesota No. 105 Barley.** For several years the Minnesota State Experiment Station has been breeding and testing many varieties of barley with a view to producing an improved sort that would lead all other kinds in the matter of yield. This ambition, the Station considers, has been realized in the new six-rowed variety here offered under the name of Minnesota No. 105. In comparative tests covering a period of several years and made side by side with the best known and most popular varieties, it has proven to be the heaviest yielding, and from any standpoint, a most valuable acquisition. Minnesota No. 105 Barley has given a nine-year average of 53 bushels an acre at the Station farm. It is early, uniform in maturing and pure. Quantity limited. Bu. of 48 lbs., \$1.30; 2 bu., \$2.40; 10 bu. @ \$1.10. Bags free.

**Common Six Rowed Barley.** There are many who want to obtain or change their seed of barley, but who do not want to pay the price necessary to ask for the newer sorts. We are usually able, from the many cars arriving in Minneapolis daily, to select good lots, which after being thoroughly cleaned by our special machinery, make excellent and reasonably pure seed. We offer same subject to market changes as follows, bu., \$1.05; 2 bu. @ 95c; 10 bu. @ 85c. Bags free. Write for carload prices.

**Manshury Barley.** This splendid six-rowed barley was first recommended to American farmers by Prof. W. A. Henry, director of the Wisconsin Experiment Station. It soon became a great favorite, and is now the most reliable variety of barley grown in large quantities throughout the Northwest. It is early, grows very vigorous and strong, bearing long well-filled heads of plump grain. The strong root system and long, stiff straw have always been characteristic of this barley, and in yield it has been wonderfully satisfactory. As in the case of the Oderbrucker, the original seed of Manshury was obtained outside of the United States, the Manshury coming from Russia. For some years it outyielded at the Wisconsin Station farm thirty-seven other varieties, and in some cases doubled the yield of the common sorts. Without question this barley has been worth millions of dollars to the farmers of the Northwest. This is a barley which will be found reliable in every respect. Its high feeding quality, combined with its value as a malting barley, and its reliability as to yield, places it in the front rank.

We have several cars of this barley which is of very fine sample and which we offer at very low prices. Bushel of 48 lbs., \$1.20; 2 bu. @ \$1.10; 10 bu. @ \$1.05; 100 bu. lots, or more, @ 95c a bushel. Bags free.

**Blue Ribbon Barley.** The seed of this variety is now largely used by all the Milwaukee brewers who give it preference over any other variety of barley, paying a liberal premium for it over the price to be realized for other barleys. Its value with the brewers lies in the fact that the percentage of saccharine matter is higher than found in any other variety of barley. Its popularity with the farmers, lies not only in the fact that it commands a premium and is always salable no matter how weak the market may be, but also for its yielding qualities. The berry is usually very large and solid with rather heavy hull, well closed and well filled out. For the guidance of our customers we would state that this barley appears to do best on a rather heavy and preferably rolling soil. The barley has been named the Blue Ribbon as its color under the hull and near the tip is distinguished by a bluish tint. Price.—Large pkt., 10c, postpaid, ¼ bu., 45c; bu., \$1.30; 2 bu. @ \$1.20; 10 bu. @ \$1.10. Bags free. Write for special prices on straight or mixed carloads.

**Beardless Barley.** Two strong features distinguish the Beardless Barley above all other barleys; first, its great yielding qualities; second, its freedom from the troublesome beard common to all other varieties except the Improved White Hullless, for it is absolutely without beard. It is on this account not only much more agreeable to handle in threshing than other barleys, but it is much safer and better to feed to live-stock. As a fattening agent for swine Beardless Barley is particularly valuable. Many young pigs are lost annually by choking on barley beards. This variety is frequently used in succotash mixtures on account of the absence of beards, and in pastures where swine are allowed to feed will be found especially valuable. Contrary to the prevailing opinion, Beardless Barley is as good for malting as any other barley, and it is being accepted by many brewers in preference to common varieties grown in some localities. During the year 1908 it produced 40 bushels to the acre on light, sandy soil, and a much heavier yield under favorable conditions. Lb., postpaid, 20c; by freight or express, ¼ bu., 50c; bu., \$1.45; 2 bu., \$2.70; 10 bu., \$12.50. Bags free.

**Oderbrucker or Wisconsin No. 55 Barley.** We presume that more barley is produced in the State of Wisconsin than in any other locality. The reason for this is quite evident. In that state are located the largest breweries in the United States, if not in the world. On account of barley being one of the staple crops, the State Experiment Station of Wisconsin has given particular attention to the breeding of barley to obtain big yields, protein content and other qualities which are essential for both brewing and feeding purposes. Oderbrucker or Wisconsin No. 55 is considered the best variety of barley sent out by the Wisconsin Station. Prof. Moore declares it to be superior to the Manshury, yielding 5 to 10 bushels more an acre. The original stock of this barley was obtained in Germany by the Ontario Agricultural College, from which place the Wisconsin Experiment Station procured a small supply. By them it was greatly improved and then disseminated. Oderbrucker is a stiff-strawed, heavy-yielding, six-rowed, bearded variety. It is about the same as Manshury in time of maturity, manner of growth and general appearance, but has a plumper kernel and weighs more to the measured bushel. Prof. Moore says: "In stiffness of straw and rust resistance it is superior to any other variety on test."

It has protein content of 15%, or nearly double the amount of protein found in many other varieties. This makes it a very valuable feeding barley, which is an important consideration with the leading farmers and stockmen, who are now appreciating more and more the value of barley as a feed for all kinds of stock, horses as well as cattle. On account of its large percentage of protein, it is also one of the best malting barleys. Lb., postpaid, 20c; by express or freight at purchaser's expense, ¼ bu., 45c; bu., \$1.40; 2 bu., \$2.60; 10 bu., \$12.00. Bags free.

**Read's Triumph Barley.** This barley was originated by crossing the Highland Chief and Six Rowed Manshury Barley to produce a distinct six-rowed variety with stronger straw and heads as long but thicker and better filled out than Manshury. Mr. Read, the originator, claims that it has the strongest straw, stands up best, crinkles least, grows rapidly, stools freely, resists drought, has large heads and weighs 48 to 52 pounds to the bushel. It is a very desirable variety for malting purposes.

We have grown this barley for two years and find it a very satisfactory variety. Our seed has been grown in Minnesota from seed obtained direct from the originator. This is thoroughly acclimated and should yield even better than during the last two years. Orders should be sent in as early as possible to avoid disappointment, our stock of seed being limited. Lb., postpaid, 20c; by express or freight at purchaser's expense, ¼ bu., 60c; bu., \$1.80; 2 bu., \$3.40; 10 bu., \$16.00. Bags free.

**Chevalier Barley.** This is a two-rowed variety which is very popular with many farmers. The grain commands a high price on account of its fine appearance and superior malting qualities. The heads are a little longer than the six-rowed varieties and the berry is larger. Many Canadian farmers prefer this variety on that account. Lb., postpaid, 20c; by express or freight at purchaser's expense, ¼ bu., 50c; bu., \$1.45; 2 bu., \$2.70; 10 bu., \$12.50. Bags free.

**Highland Chief Barley.** This is also a two-rowed variety of very fine quality. Several years ago we sent a sample of this barley to one of the largest malting firms in the United States, and they wrote us that during an experience of sixty years they had never seen such a handsome sample of barley. It is a vigorous grower and the grain is much larger than the six-rowed varieties. It is less likely to be damaged by rain than most other kinds, as it is much more closely covered with broad awns or spikelets. It is quite productive and weighs up to fifty pounds to the measured bushel. Lb., postpaid, 20c; by express or freight at purchaser's expense, ¼ bu., 50c; bu., \$1.45; 2 bu., \$2.70; 10 bu., \$12.50. Bags free.

**Prize Winning Barley.** Barley raised from your seed won first prize at the Minnesota State Fair, at the Western Wright County Fair at Cokato and at the Dassel Street Fair, and expect it will carry off more prizes this coming winter. Your Rustler and Sterling White Dent Corns have done exceedingly well. We had charge of the Wright County exhibit at the Minnesota State Fair during 1907 and 1908 and won first and second prizes respectively.

NORTH STAR PLANT FARMS, Cokato, Minn.



Harvesting Minnesota No. 169 Wheat in Minnesota.

## SPRING WHEAT PEDIGREE STOCK

**Prices** We are obliged to ask a considerable advance over the market price for our High Grade Seed Wheat, as there is a very much larger cost attached to its production and preparation than any one who has not had the experience could possibly appreciate. Space does not permit of going into detail, but, as a matter of fact, the prices named below for the larger quantities represent but a slight advance over the actual cash outlay to us. We believe that farmers who want to change their seed will find it very much to their advantage to secure enough, at least, to give them a start.

### Northrup, King & Co.'s Sterling Red Fife Spring Wheat.

(Sold only in sealed bags.) This is the wheat used in the Orange Judd Farmer contest of 1906, and is the stock selected by Prof. Shaw and the editors of the Orange Judd Farmer and American Agriculturist as being the purest and healthiest stock of Hard Fife Wheat to be obtained anywhere at any price. It is the best selected stock of the wheat which has made Minneapolis flour famous all over the world, and is undoubtedly the finest stock of the finest milling wheat in existence. The following letter from Mr. James Austin, of North Dakota, who lives one and one-half miles from the Manitoba line, gives his experience with the wheat he has grown on contract for us from our seed:

*Gentlemen:—The seed you sent me of your Hard Fife Wheat to be grown for you was sown by me on new land that had never been cropped before, this being according to your instructions so as to preserve the purity of the wheat and its freedom from mixture with any other grain or weed seed. It is the finest and purest wheat I ever saw and it has been the talk of our county. The president of our bank said to me, "Not a bushel of this wheat must be allowed to leave our county. Our farmers should purchase it all." If you instruct me to do so I will of course ship you every grain I have grown from your seed, but I could sell it all right here at a great big premium if you wish me to do so.*

Yours very truly, JAMES AUSTIN, N. D.

#### The Best Variety for this Locality.

*Last season I planted on my farm 30 bushels of your Sterling Red Fife Spring Wheat, from which I raised 578 bushels of grain. I consider this the best variety for growing in this locality. I have always been pleased with the seeds received from your house.* CHESEBRO SMITH, Fargo, N. D.

**Price of Northrup, King & Co.'s Sterling Red Fife Spring Wheat.** Lb., 20c, postpaid. By express or freight,  $\frac{1}{4}$  bu., 70c; bu., \$2.35; 2 bu., \$4.60; 10 bu., \$22.00; 50 bu., \$107.50. Bags free.

**Red Fife Spring Wheat.** (Regular Stock). This wheat we have had grown for us from the best grades of Red Fife Wheat, but it has not been so carefully selected and bred as the Sterling Red Fife Spring Wheat. Altho it gives large yields of good quality grain which will grade No. 1 Hard, we do not recommend it so highly as our Sterling Red Fife Spring Wheat, which is the very best Spring Wheat in existence today—we make no exception. Price,  $\frac{1}{4}$  bu., 60c; bu., \$1.90; 2 bus., \$3.60; 10 bus., \$17.00; 50 bus., \$82.50. Bags free.

## NORTHRUP, KING & CO.'S MINNESOTA RELIABLE WINTER WHEAT

Sold only in Sealed Bags.

The yield of the Winter Wheat an acre is on the average very much larger than any of the Spring Wheats. Winter Wheat has not been extensively grown in Minnesota and the Dakotas until recent years, on account of its inability to withstand the severe winters. Since the introduction, however, of Minnesota Reliable Winter Wheat this has gained the attention of all Winter Wheat growers and the Experiment Stations and is recommended above all other varieties. There has not been a season in 23 years in which this variety has failed to endure the severe tests to which it has been put, including unfavorable weather during fall and spring months.

Minnesota Reliable Winter Wheat is a very early variety, ripening before rust, blight, or chinch bugs or other insect pests appear in the fields. It yields

### Pedigreed Blue Stem Spring Wheat.

A distinct variety from all other Spring Wheats; green, has a beautiful blue bloom on it, similar to the bloom on a grape, and which can be removed by passing the finger over the stem. This bloom disappears as the wheat ripens, and the stem and straw assume a beautiful golden-yellow hue, and entirely free from rust. This variety has no beards and is especially adapted to the older wheat growing sections of the Northwest. The kernel is of the hard variety, similar to the Red Fife; very productive; one of the best Spring Wheats for milling. Lb., 15c, postpaid. By express or freight,  $\frac{1}{4}$  bu., 60c; bu., \$1.90; 2 bu., \$3.60; 10 bu., \$17.00; 50 bu., \$82.50. Bags free.

### Minnesota No. 163 Fife Wheat.

Of the many crosses obtained within the past twelve years, the one sent out by the Station as Minnesota No. 163, takes a high rank. The heads are long, well filled with medium sized, plump kernels. Flour made from this variety shows a higher gluten test than most sorts. The straw is medium height, very strong and wiry. At the Station farm this variety averaged two to five bushels an acre more than the Fife and Blue Stem varieties. The average yield of Minnesota No. 163 Wheat for the past 13 years has been 26.4 bushels an acre.

This tells a story which should interest every intelligent grower of Spring Wheat. Our crop was grown in North Dakota on land which had not grown wheat for a number of years, and is very pure. By freight or express, at purchaser's expense,  $\frac{1}{4}$  bu., 65c; bu., \$2.05; 2 bu., \$3.90; 10 bu., \$19.00. Bags free.

### Minnesota No. 169 Blue Stem Wheat.

In this we offer the second new wheat originated at the Experiment Station. It is a progeny of Haynes' Blue Stem. Its average yield for four years as compared with the parent variety, is given by the Experiment Station as follows: Haynes' Blue Stem, 22.5 bu. an acre. Minnesota No. 169, 28.3 bu. an acre.

This comparison with its parent, which is a superior variety, tells the whole story as to yield. This is the best Blue Stem Wheat of which we have knowledge. It has given an average yield for the last 13 years, thru favorable and unfavorable seasons, of 26.7 bushels an acre. No better wheat for Minnesota and the Dakotas is grown. In quality it proved in milling tests equal to the best.  $\frac{1}{4}$  bu., 65c; bu., \$2.05; 2 bu., \$3.90; 10 bu., \$19.00. Bags free.

### Macaroni or Durum Wheat.

Sent out by the United States Department of Agriculture under strong recommendation as to its great value for semi-arid lands where good crops of Spring Wheat could not ordinarily be produced, has more than justified every claim made for it. The acreage of this variety is increasing every year in spite of the opposition of some millers. It outyields by far any other variety of Spring Wheat, and it has been demonstrated that it makes bread superior to that made from the best Fife Wheat flour, and has proved to be practically immune to the dreaded rust. In growing it resists extremes of weather which no other wheat will endure. It is now being received in the Minneapolis market (the largest wheat receiving market in the world) and sells readily at a price slightly under the very best Fife Wheat.

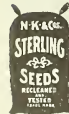
In the field this wheat grows very strong and with surprising rapidity, so rapidly as to get well ahead of the weeds. It does not shell or bleach and is also hail proof owing to the tightness of the hull. The straw is very strong.

Even the Macaroni Wheat is sold at a discount, the increased yield makes it more profitable to grow. Price, 1 bu., \$1.70; 2 bu., \$3.20; 10 bu., \$15.00. Special prices in large quantities.

From 30 to 40 bushels an acre and we have had reports of even larger yields on good soil. We consider it to be the only variety of Winter Wheat which is safe to plant in the Northwest. In quality, it is the only Winter Wheat which equals the well known No. 1 Hard Fife Spring Wheat and commands a premium above the market price from millers, with whom it is well known and is unequalled for the purpose of manufacturing graham or whole-wheat flour.

It is a bearded variety; the kernels are red with a very thin husk, are hard and flinty and very rich in gluten. It is stiff-strawed and will stand up in wind and rain which would lodge other varieties very badly.

We suggest that reservation orders be sent in for the amount required, which will be set aside when the new crop is harvested and shipped at the proper time next fall. Price,  $\frac{1}{4}$  bu., 65c; bushel, \$1.85; 10 bushels; \$18.00; bags free.



# SPELTZ OR EMMER

## FACTS ABOUT SPELTZ.

**IT RESISTS DROUGHT;  
IT THRIVES  
ON POOR LANDS,  
IN STONY GROUND,  
IN FOREST REGIONS,  
ON THE PRAIRIES;  
IT MAKES A CROP WITH ALMOST ANY  
CONDITION OF SOIL AND CLIMATE;  
ENDURES A GREAT DEAL OF FROST;  
IS NOT READILY DAMAGED BY HARVEST  
RAINS;  
IS NOT SUSCEPTIBLE TO RUST OR SMUTS;  
YIELDS MORE THAN OATS;  
YIELDS MORE THAN WHEAT;  
YIELDS MORE THAN BARLEY;  
MAKES BETTER FEED THAN BARLEY;  
MAKES EXCELLENT FLOUR;  
MAKES GOOD BREAD;  
THE STRAW IS USED FOR FATTENING STOCK;  
THE STUBBLE MAKES GOOD FERTILIZER;  
STOCK EAT BOTH GRAIN AND STRAW;  
RIPENS VERY EARLY.**

Speltz has now been grown in the United States in a large way for several years and each succeeding season not only emphasizes its value, but sees its production increasing to an enormous extent. It is found to be adapted to a wide range of soil and climate, to resist extremes of weather, to be of excellent feeding value and to yield so much more heavily than oats and barley as to insure its increasing popularity and its eventual place among the leading and standard cereal crops of the world. Those who have not grown Speltz should not let another season go by without giving it a place and an important place, too, on their farms.

Professor Shepard of the South Dakota Experiment Station, states;

"It is readily eaten by all kinds of stock and has shown itself to be especially adapted when fed to milch cows. It is better to mix it, however, with bran and shorts, as it is a pretty heavy feed when fed alone. As a swine feed, we think very well of it indeed, especially for brood sows.

Horses do well on it, but I do not think it is equal to oats in that case. Its most striking value is found in the fact of its drought-resistant qualities."

As will be seen by the statement of Mr. Cooley, one acre of Speltz will produce three times the value of produce of wheat, barley or oats. This tells the story in few and strong words, and this statement made by Mr. Cooley to us has been fully borne out by the experience of thousands. Other cereals, especially oats and barley, have shrunk into insignificance as compared with Speltz grown side by side.

The United States Department of Agriculture has issued a bulletin on Speltz, commending it highly, and the introductory paragraph of that bulletin states:

"The extremely variable climate conditions in some of our western states have made it desirable to give particular attention to crops resistant especially to cold and drought. Among such crops Emmer holds high rank and should become one of the prominent crops for stock feeding."

### A Great Yields.

All the seeds I purchased from you gave good satisfaction. The Speltz is a great yielder, and the corn gave good returns. The Improved King Philip and Triumph Corn yielded about 85 bushels to the acre.

W. A. HANDEYSIDE, Oconto Co., Wis.

### Gave a Splendid Crop.

The Speltz we ordered a year ago was fine and gave us a splendid crop. J. L. FREELAND, Sherburne Co., Minn.

### Very Satisfactory.

The Speltz I received from you came up very nicely and was very satisfactory. F. MUERMANN, Monroe Co., Wis.

### Did Better Than I Expected.

The University No. 105 Barley and the Carman No. 3 Potatoes did much better than I expected. I sold the Barley for seed at \$1.00 a bushel and I am offered the same price for the potatoes. The market price of barley is 43 cents and for potatoes, 40 cents. You can see what difference it makes to get seed from you. JOHN F. SCHROEDER, Turner Co., S. D.

### As Fine Wheat as I Ever Saw.

I have used your garden seeds for the last ten years and will say that they have given satisfaction. Three years ago I sent and got some of your Blue Stem Wheat Minnesota No. 169. I got 26 bushels to the acre of as fine wheat as I ever saw grow and have sold my neighbors seed since and all say that it is the best wheat that ever was brought here. F. A. CATES, Marshall Co., Minn.

### Far Ahead.

I have been using your seeds for six years and have been well satisfied with the results. This year I put in ten acres of your wheat and it is far ahead of any other wheat around here.

JOHN KNUTSON, Jackson Co., Minn.



Heads of Speltz or Emmer.

**Cultivation.** In methods of cultivation this is probably the least exacting of all cereals. It should be sown very early, and this can safely be done, as it is not easily harmed by and easily resists early and severe frosts. It should be drilled in at the rate of two bushels to the acre.

Speltz is unhesitatingly recommended for growing in the extreme northern states of this country, from Minnesota to Washington, and even to Alaska, also in the semi-arid districts farther South, and it should also be grown in all other sections of the United States. The following letter from Mr. J. N. Cooley, of South Dakota, gives the conservative expression of a practical farmer. Mr. Cooley has been a valued correspondent of ours for many years, and his word is as good as gold. His letter is a fair sample of the many expressions we have received regarding this new cereal.

"I am very glad to tell you anything I know about Speltz. Our best farmers have awakened to the realization that Speltz is just what we need, and I will tell you why I think well of it. First, it is a crop on which farmers can rely, as it greatly outyields any other grain. Second, it is unequalled as feed for any kind of stock, as its nutritious chuck, inclosing two kernels of incomparable richness, makes feed that is hard to equal for any kind of stock, and especially for working teams. Third, the straw is second to none as a "go-between" hay and corn. One acre of Speltz will produce three times the value of produce of wheat, barley or oats. As an example, from a field of wheat of twenty acres grown during the past season by my son, he realized \$60.00; and from twenty acres of Speltz adjoining it he raised and sold \$240.00 worth. Speltz is a surer crop than oats, barley or wheat; no crinkling down so that the heads are cut off and fall on the ground, no rust or smut to shrink and make light the berry or lower the grade of the grain. Farmers here are grinding and feeding Speltz to stock, when they might get a big price for it for seed. A prominent farmer told me he was going to sow one hundred acres of Speltz as a grain to feed his stock, of which he has a large herd. This man now has 500 bushels of Speltz, but not a bushel to sell. It is conceded by all who have raised and fed it to be the best stock food of any of the family of grains. I am not feeding any of it as I have only about 350 bushels, and it is all wanted for seed right about here at advanced prices. Farmers are going to sow less wheat, oats and barley, and more Speltz this year. The above is the prevailing sentiment in this section on the Speltz question, and you can not recommend it too highly."

The following letter was received from Mr. G. W. Bean of South Dakota a year after the above was written:

"Mr. Cooley does not say half enough for it. Speltz can be cut with a header and stacked like wheat. It will shed rain better than wheat. It is superior to any other grain for feeding as it is not necessary to grind it for horses and a little goes a long way."

Price, bushel of forty pounds, \$1.00; 3 bushels for \$2.90; 6 bushels for \$5.70; 10 bushels for \$9.20; 50 bu., 90c a bu. Bags free.

# WHAT IS A BUSHEL OF SEED CORN WORTH?

"The inherited quality of corn to yield heavily or poorly all comes in the ten pounds, more or less, of seed planted."—W. M. Hays.

## The Three Ears.

This photograph illustrates what is too often seen in a single hill—a good ear, a poor ear and a nubbin. We have seen this so often that we never stop to think what it means. Why do not all these stalks bear ears like No. 1? Being in the same hill, the conditions of soil, climate and moisture must have been exactly the same. One could not have received more thorough cultivation than another; from the time the corn was dropped there was no good reason why Nos. 2 and 3 should not be as good as No. 1. Why, then, is there this wide variation?

Can we do anything to bring Nos. 2 and 3 up to the standard set by No. 1? We can. The difference in yield of these three ears was not due to differences in soil, climate or cultivation. The difference lay behind all this—it lay in the character of the parents planted.—(Prof. Holden in the Farmer's Voice.) People frequently write us that they would like to buy seed corn from us, but cannot because the prices are "too high."

The average price of our seed corn is less than \$2.25 a bushel, including bag.

## Is It Worth It?

A bushel of seed corn will plant from six to eight acres. To use our seed will cost, say, thirty cents an acre more than if common crib or home grown corn is planted. It is therefore evident that if our seed produces one bushel more to the acre, mind only one bushel more, than the home seed, that the entire cost of the seed and freight is paid for by this extra yield.

## The Difference in Seed Corn.

Read This.

Prof. Holden, of the Iowa State Agricultural College, one of the highest authorities on improved seed corn in the United States, planted 100 samples taken from the corn planters in the fields of 100 farmers in the vicinity of Ames, Iowa. All were given the same care and cultivation, being planted in trial fields on the College Farm and Sub Stations in various parts of the state. The variation in yield was a surprise to all, as some of the corn produced less than 20 bushels an acre, while other lots yielded almost 100 bushels. This wide difference was all in the seed. The land and method of culture were identical. "The expense of growing an acre was the same. The best seed produced fully four times as much corn, of better quality, than did the other lots of inferior corn."

## Why This Great Difference?

The last statement (which is Prof. Holden's not ours) shows a difference in yield between the poorest and the best, grown side by side under precisely the same conditions, of 80 bushels to the acre, and, making due allowance for difference in varieties, is to be accounted for in no other way than that the best seed possessed inherited tendencies so fostered and fixed by intelligent care that big yields were the perfectly natural result. The poor yields were due to an inherited tendency, furthered by neglect, to produce nubbins and barren stalks.

## Again, Is It Worth It?

The corn we sell is grown from seed which has been brought to such a degree of perfection as to render it of almost priceless value. It represents the labor of many years and the expenditure of a very large sum of money. It has behind it the history of big crops. We know that when we plant it, that barring flood or drought it will yield heavily. At the proper time we go thru our fields and detassel. When the corn comes to our warehouse it is handpicked down to such a point as to give us on the average about ten bushels, to the acre, of seed that goes to our customers, the balance is sold for feed. Is this care worth thirty cents an acre to anyone planting corn?

## Our Corn Is Northern Grown.

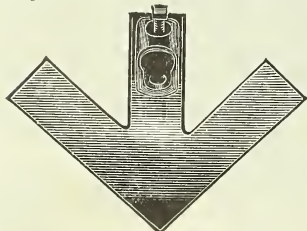
We regret to say that a great deal of Nebraska, Iowa and even Missouri corn is sold each year by seedsmen as Northern Grown Seed. The term "Northern Grown" is somewhat indefinite, and advantage is taken of this to deceive. With us "Northern Grown" means

**That every bushel of our Seed Corn offered herein, except as otherwise stated, is grown in the Northwest.**

While in unusually long seasons the earliest varieties of Nebraska and Iowa grown seed will sometimes mature in the Northwestern states, it is as a rule about thirty days later than Minnesota Grown Seed. We cannot believe that any intelligent farmer in the Northwest will knowingly plant Southern seed when for a few cents an acre more he can secure true and reliable planting stock that will mature. Southern corn is handsomer and larger kernalled than Northern Corn. Thousands of bushels of this late corn have been unloaded on honest and unsuspecting Northwestern farmers. Those who want early maturing corn should buy nothing but true Northern Grown Seed, and absolutely know that they are getting it.

## Prices.

Values on Seed Corn named in this catalog are, those existing on date of publication, January 1st. We will maintain these prices as long as possible, but, as has been the case the last two or three seasons, we may find it necessary to advance values during the spring. All orders which are received early will be filled at these rates and corn will be reserved and shipped at the proper time.



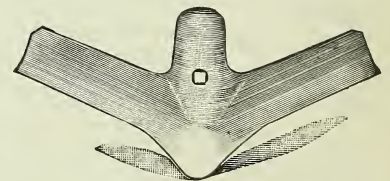
Riding Cultivator Sweep.

10 inch.....	Each, 75c
12 inch.....	Each, 80c
Right hand.....	Each, 80c
Left hand.....	Each, 80c

# CULTIVATOR SWEEPS.

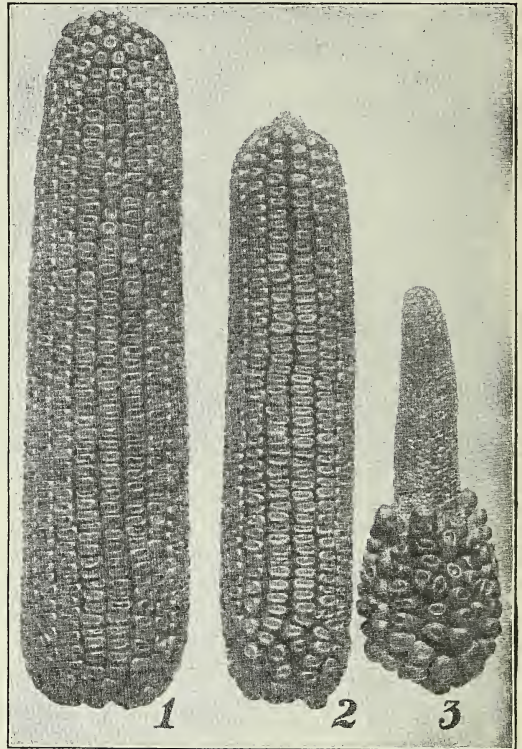
We first offered these sweeps to some of our growers of corn last season, and they proved so satisfactory that we disposed of several hundred at one point. The advantages of these sets are briefly set forth as follows:

- May be attached to any cultivator.
- Are strictly surface soil workers.
- Make the ideal earth mulch.
- Leave a level surface on the field.
- Will kill quack-grass and Canada thistle.
- Do not injure the roots of the corn.
- Hasten maturity of all cultivated crops.
- Worth their cost every day while in use.
- Save horse-power, increase yields and kill weeds.



Walking Cultivator Sweep.

10 inch.....	Each, 35c
15 inch.....	Each, 45c
Right hand.....	Each, 25c
Left hand.....	Each, 25c



The Product of a Single Hill.

## Germination.

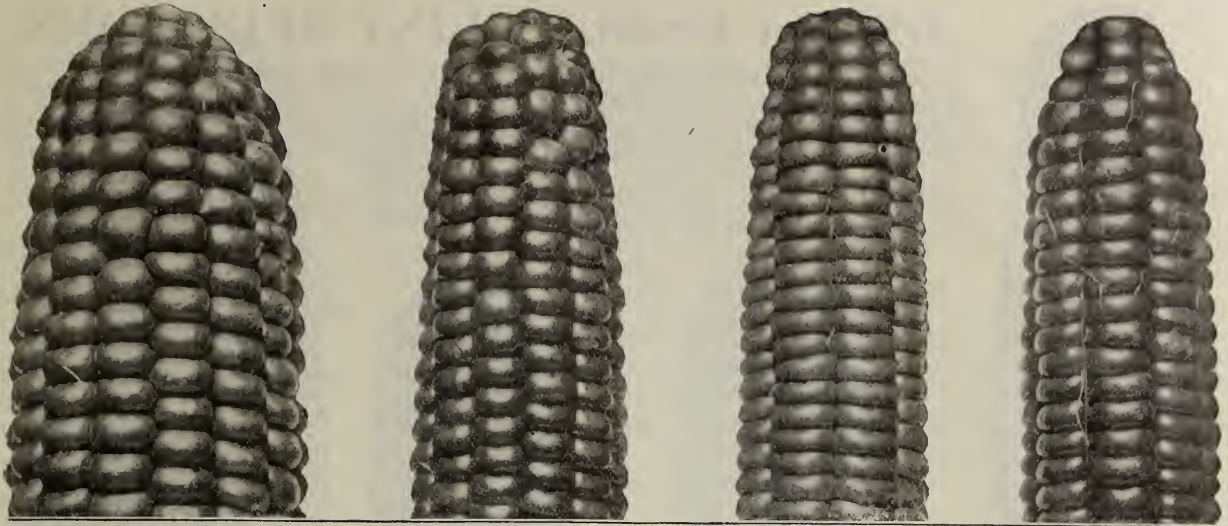
We thoroly test every lot of corn before we send it out to our customers. At the present writing, we have just completed testing 24 separate lots of seed corn. Two tests were made of each lot. Every lot, except one, germinated 100 per cent and that one grew 96 per cent. Never in the history of our business have we had better corn than is now in our warehouse. But wherever you may buy you should know for yourself that your seed corn grows before you plant it. We sell our seed under the following

## Guarantee.

That it be tested promptly on arrival and if it does not germinate to the entire satisfaction of the purchaser, it shall be at once returned at our expense and the money paid for same will be immediately refunded without question.

## When to Order.

It is of great advantage to both our customers and ourselves if orders are placed early. This applies not only to corn, but to all seeds. After March first several important varieties are usually sold out and cannot be replaced. The "spring rush" is then on; employees become wearied with the long strain of night and day work, orders and shipments are more likely to be delayed, and errors are more likely to occur. In our customers' interest, therefore, as well as our own, we urge early orders.



## FIELD CORN, EXTRA EARLY FLINT VARIETIES

**Northrup, King & Co.'s Triumph.**  
 Extra Early Yellow Flint.



Ten years ago we introduced this corn as the largest eared and most productive of all the early flint varieties. Our customers know that when we send out a new variety that it is just what we claim for it, and so our sales were very gratifying. From every side comes hearty praise for this magnificent variety, more than sustaining every claim made for it.

Our **Triumph Corn** is a very early flint variety, very bright yellow in color, maturing in from 90 to 100 days from day of planting, according to soil and season. Ears average about 11 inches in length (about 3 inches longer than the Mercer) and are 14 to 16 rowed. Occasionally a 12 rowed ear is found; sometimes one with 20 rows. The kernels are large and the stalks are of good height. The ears average two to a stalk, growing well up so as to readily admit being cut by the harvester. The stalks grow very tall and leafy and make superior fodder.

**Directions for Planting:**—The habit of this corn allows of close planting. The largest crops of both corn and fodder will be secured by planting in rows, dropping the kernels one at a time one foot apart. If it is desired to cultivate both ways, plant in hills about 3 feet 8 inches apart.

**Prices:**—Large pkt., 10c; lb., 25c, postpaid. By express or freight, ¼ bu., 75c; bu., \$2.50. Bags free.

**Drew Two Prizes.**

*I bought one-fourth bushel of your Triumph Flint Corn last year and drew two prizes at the fair.*  
 E. F. KING, Meeker Co., Minn.

**Had a Good Crop.**

*Your seeds have proved to be very satisfactory. The Early Triumph Flint Corn I bought last spring had a good crop with nice long ears.*  
 GILES BRONSON, Kattison Co., Minn.

**Northrup, King & Co.'s Mercer.**  
 Extra Early Yellow Flint.



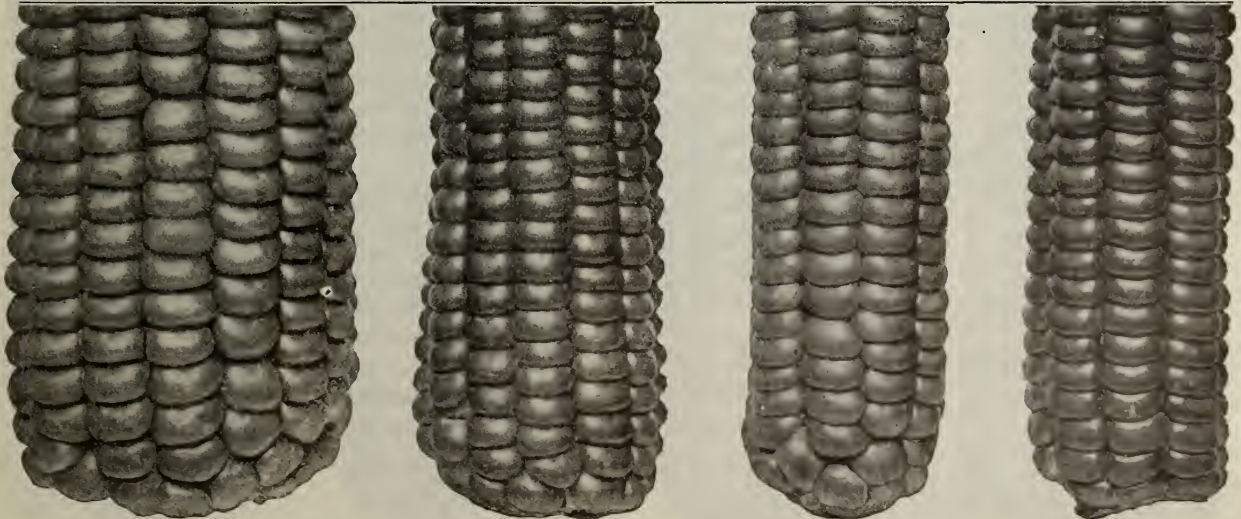
Early, prolific, good size ear and small cob. Has been grown in Northern Minnesota and North Dakota for the past ten years with great success and complete satisfaction. Average season of maturity 80 days. Very prolific, having yielded 164 bushels of good, sound ears to the acre; ears average 9 inches in length, 12 to 14 rowed well filled out to the tips; a rich golden yellow color; has matured in 75 days from time of planting. Many stalks have two and sometimes three good ears. Stalks average about 5 feet in height and make excellent fodder. Very few suckers. Large pkt., 10c; lb., 20c, postpaid. By express or freight, ¼ bu., 75c; bu., \$2.50. Bags free.

**Longfellow.** (8-row Yellow Flint.) A very early 8-rowed corn of the Canada type; ears cylindrical, about 11 in. long; color, rich glossy. The weight of seed corn is fully 90 lbs. Average height of stalk 7½ ft., average distance base of ear from ground, 3 ft. Large pkt., 10c; lb., 20c, postpaid. By express or freight, ¼ bu., 65c; bu., \$2.25. Bags free.

**Smut Nose Flint.** (8-rowed.) A yellow flint corn blazed with red at end of ear. Ears are large and round. This is a very early variety, and a great favorite in many localities. Our stock is very fine. Average length of ear 10 inches. Average height of stalk 7 ft. 6 in., average distance base of ear from ground, 2 ft. 11 in. Large pkt., 10c; lb., 20c, postpaid. By express or freight, ¼ bu., 65c; bu., \$2.25. Bags free.

**Matures Quickly.**

*Your Triumph Flint Corn ought to be introduced extensively into the northern part of New England, as I believe it capable of outyielding the flints now in use. I shall use it for late planting as it matures so quickly and the rows can be planted close together.*  
 HUBERT D. GOODALE, Fairfield Co., Conn.



Northrup, King & Co.'s Triumph Flint. Northrup, King & Co.'s Mercer. Longfellow Flint. Smut Nose Flint.

# EXTRA EARLY FLINT SEED CORN

These are the earliest varieties grown and are especially adapted to Northern conditions. They make a rapid growth, mature quickly and under favorable conditions yield immensely. All are perfectly acclimated to our Northern conditions, which mean cool nights and short summers. The "Squaw" types of the flint corns are extremely early, but the ears grow so close to the ground that they cannot be harvested with a corn harvester, hence are most valuable to "hog off" by turning stock into the fields and thus allow them to harvest the crop. The Mercer, Triumph, Longfellow, King Philip, and Smut Noss are also much used for replants where the first plantings fail, also for late fodder on early summer fallows—native sod, and the new comer on the frontier can grow fodder from late plantings cheaper than he can make hay, thus providing a grain ration for the stock.

**Got a Fine Stand.**

*This is the first year I have ever sent for seed corn. Got a fine stand from your flint varieties.*

D. A. WILLIAMS, Grant Co., S. D.

**It's Just Fine.**

*This spring I sent for some of your Flint Corn and it is just fine now. I planted it late and now it is hard.*

O. S. FOLLOW, Payette Co., Iowa.

**Always Found Them Reliable.**

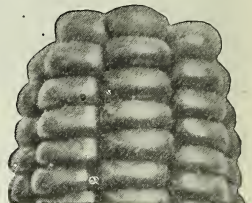
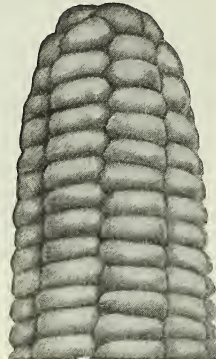
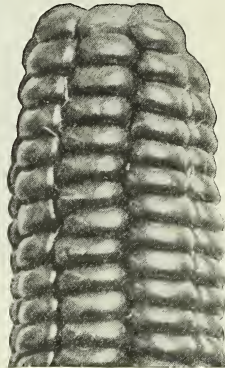
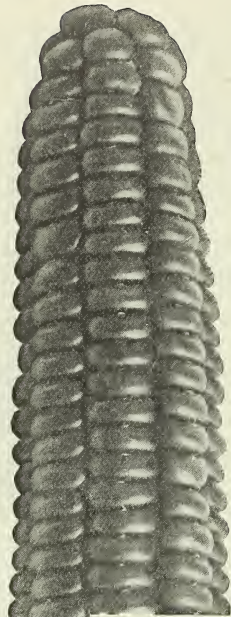
*Have used your seeds for over fifteen years and have always found them reliable in every way. The corn especially is good, as you always tell us what variety is best adapted to our climate.*

O. L. HANSON, Becker Co., Minn.

**A Great Success.**

*Two years ago I had planted on my 8 acre country home here, your seed corn. It was a great success.*

(MRS.) U. LYTLE, Wood Co., Wis.



Seed of the Following Varieties is of Our Own Growing in the State of Minnesota.

**Squaw.** Extremely early and of very dwarf habit. We still grow this corn for those who want it, but we urge the planting of North Dakota White Flint, or North Dakota Yellow Flint, in its place, as both of these varieties are fully as early, more productive, and make a much more vigorous growth. Average length of ears 7½ inches. Large pkt., 10c; lb., 20c, postpaid. ¼ bu., 75c; bu., \$2.50. Bags included.

**Improved King Phillip.** (Extra Early Red Flint.) An old-time New England favorite perfected by us. Extremely hardy. One of the best and most reliable early sorts. Ears 10 in. long; very early. Large pkt., 10c; lb., 20c, postpaid. By express or freight, ¼ bu., 75c; bu., \$2.25.

**More Than Pleased.**

*Your seeds were all satisfactory, but with the King Phillip Corn we were more than pleased. Last year was a poor year, but it gave two ears to a stalk, and big long ears at that. We saved all that we raised for seed. In testing our seed corn we found that every kernel we planted grew. I tell you it was great.*

EDWARD MORRIS, Bennington Co., Vt.

**North Dakota White Flint.** Resulting from a careful selection of Squaw corn for many years. Very much better than the Squaw. Average height stalk 5 ft., average distance base of ear from ground 1½ ft. Average length of ear 8 inches. Large pkt., 10c; lb., 20c, postpaid. ¼ bu., 75c; bu., \$2.50. Bags free.

**North Dakota Yellow Flint.** (Gehu.) Resembles closely the White Flint in earliness, habit of growth, etc., but the grain is yellow. Average height stalk 5 ft., average distance base of ear from ground, 1½ ft. Average length of ear 8 inches. Large pkt., 10c; lb., 20c, postpaid. ¼ bu., 75c; bu., \$2.50. Bags free.

**Is All Right.**

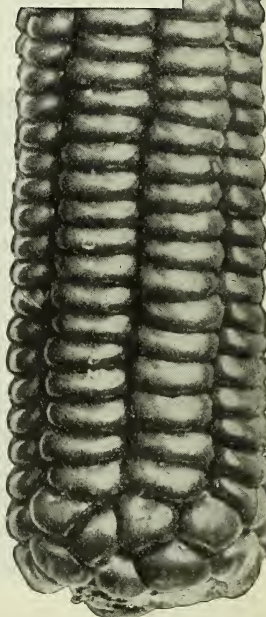
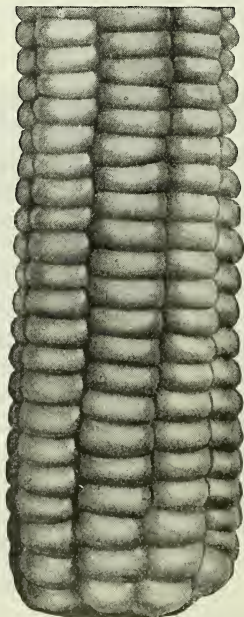
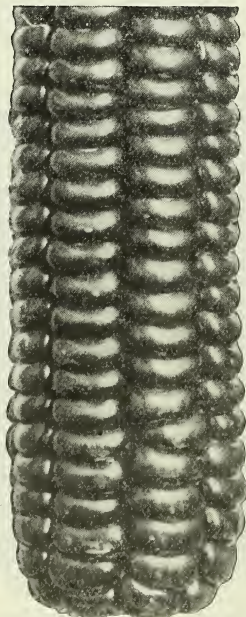
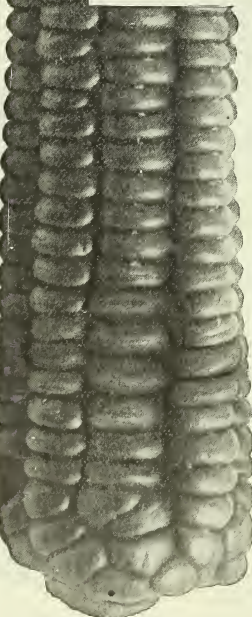
*Your seeds have given me good satisfaction, and your North Dakota Yellow Flint Corn is all right.*

CARL G. CLEMENTS, Chippewa Co., Wis.

**First Corn Ripe.**

*Your seeds all did well last spring. They are all right. The Squaw and Early Dent Corn are the first varieties I ever saw ripe in this part of Maine.*

MELVIN WENTWORTH, York Co., Maine.



King Philip Flint Corn.

North Dakota Yellow Flint.

North Dakota White Flint.

Squaw Flint Corn.



## Northrup, King & Co.'s Minnesota King Corn

**Our Own Minnesota Grown Seed (Yellow Half Dent).**



We regard this corn (introduced by us in 1889) in some respects, as the most valuable early corn ever sent out. There are varieties that under favorable circumstances will yield as much, but year in and year out, thru fat years and lean years, there is, we believe, no sort that will do as well. It seems to possess a faculty of growing right along and making a crop during weather and under conditions that would ruin other varieties. We do not know of any good reason why this should be so, unless it be that it roots more deeply; but not only is this our own experience, but we have received like testimony from hundreds to whom we have sold it, the universal expression being that for ability to endure extremes of heat and cold, flood and drought it has no equal. In appearance the Minnesota King is remarkably distinct, being a half yellow dent; the kernels are very broad and of an extremely rich, golden color. Average height of stalk, 7 feet; average distance base of ears from ground, 3 feet. The ear is of good size, eight rowed, cob small. Large pkt., 10c; lb., 20c; 3 lb., 50c, postpaid. By express or freight, 1/4 bu. 65c; bu., \$2.00 Bags free.

**Three Good Ears on Every Stalk.**

Three years ago I conducted a contest between your seeds and those from the ——— Seed Co. I bought considerable seed from each firm. The principal trial was on corn. I bought one yellow and one white from each. I have forgotten the name of your white corn, but it won outright, and so did your Minnesota King. Your white corn did excellently, there being three good matured ears on every stalk. I never saw its equal. Not even one ear of the ——— Seed Co.'s corn ripened. That trial satisfied me as to who had the seed corn. At our county fair I took a \$2.00 prize on corn and \$3.00 on beets produced from seed purchased of you.

**Have Found None To Equal Them.**

I have used your seeds for fifteen years and have never had a complaint to make. Your Field Seeds, Millet, Minnesota King Corn, Northwestern Dent Corn, Wheat and Oats, I have always found well adapted to this section, in fact, have found none to equal them in vitality and earliness.

S. W. UNKENHOLZ, Morton Co., N. D.

## Northrup, King & Co.'s Rustler White Dent Corn



This Early White Dent (14 to 18 rows) was obtained from a few kernels sent us in the autumn of 1884 by a Dakota farmer, who stated that he had matured it in that state for seven successive years; that it was the only corn in his section that could show such a record. For early ripening, great yield and compact growth of ears it is one of the best; admirably adapted to a northern climate. Average height of stalk, 8 feet; average distance base of ear from ground, 3 ft. 6 in. Those wishing a first-class White Dent Corn will find in the Rustler a hard corn to match. Large pkt., 10c; lb., 20c, postpaid. By express or freight, 1/4 bu., 65c; bu., \$2.15. Bags free.

**Given Entire Satisfaction.**

All the seed I bought of you has given entire satisfaction and I have always found them to be as stated in the catalog. This is especially true of Rustler White Dent Corn. CHRIS JENSEN, Lincoln Co., Wis.



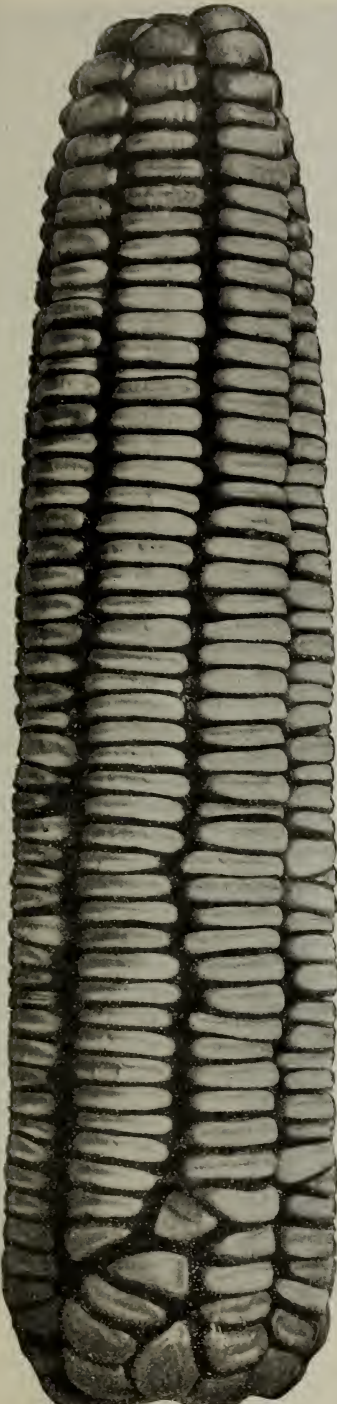
From Photograph of the Rustler White Dent Corn, which took the Grand Prize in the Northwestern Agriculturist Corn Contest.

## Gold Medal The Longest Eared Extra Early Yellow Dent.

This full Yellow Dent Corn is a 14 to 18 rowed variety with exceptionally long ears, which average from 10 to 12 inches in length. The type is well fixed, each ear resembling almost every other ear and almost no nubbins or small ears. The history of this corn affords a striking example of what may be accomplished by intelligent and unremitting effort in one direction. For twenty-five years it has been grown on the same farm in Hennepin County by father and son. During the early years of its growth here it was rather small in size, but it has been improved by careful selection, until now it is not only one of the earliest and most productive yellow dent varieties, but the longest, altho not the largest, early yellow dent of which we have knowledge. It has not so deep a kernel as Northrup, King & Co.'s Dakota Dent or Pride of the North and a much more slender ear, but for fifteen years the farmer from whom we obtained it has secured an average yield of about 60 bushels to the acre, sometimes more and sometimes less, from sandy soil, and never manured. It has the further remarkable fact in its favor that for the past fifteen years the farmer from whom we procured our seed has never lost a crop thru frost or any other cause. The grower had never given it a name, so we have christened it "Gold Medal," thinking that the record of this corn is such as to deserve the title. Large pkt., 10c; lb., 20c, postpaid. By express or freight, 1/4 bu., 75c; bu., \$2.50.



Northrup, King & Co.'s Rustler White Dent Corn. Note the Small Cob and well-filled Tip and Butt.



Northrup, King & Co.'s Minnesota King Corn.

**Finest Field of Corn I Ever Saw.**

I saw a field of Rustler White Dent Corn at the Massachusetts Experiment Station last fall and it was the finest field of corn I ever saw. They used it for the silo. I would like to try it also.

**Proud To Have Such Corn.**

Could you tell me from your records the name of the White Dent Corn you shipped George Allen McDougall, of St. Paul, to his farm here at Nisswa. It is so promising for the northern part of Minnesota on account of its earliness and productiveness. The ears are four to six feet from the ground and of enormous size. I would like very much to know the name as it is very valuable for seed. The Flint Corn I bought from you is also very promising. I am proud to have such corn growing here, especially the White Dent. I would not be ashamed to have it alongside of a field of corn in a noted corn state.

OLE BRUNES, Crow Wing Co., Minn.

Write for special prices on Seed Corn in large quantities.

## Northrup, King & Co.'s STERLING WHITE DENT CORN

Pedigreed Seed Corn, like pedigreed stock, must have a record, and our Sterling White Dent Corn has a proud one. The ability of Northrup, King & Co.'s Sterling White Dent Corn to mature early and produce large crops is due entirely to its breeding and selection—work which we have conducted for many years. It is the largest eared, extra early corn grown in the Northwest, the ears averaging at husking time nearly, if not quite, one pound. The stalk attains under normal conditions a height of eight feet; the ears are about 3 ft. 8 in. from the ground, rendering it easily handled with a corn harvester; the foliage is large, healthy and makes unusually fine fodder and is one of the very best varieties for that purpose. It has given the greatest average yield of any early corn we have ever grown. In field tests with other leading varieties planted under precisely the same conditions, and given the same treatment, it has averaged about 50 per cent greater crop than any of the other varieties. The constitution of the corn is such as to resist extremes of weather to the last degree, and we offer it with the conviction that it will prove a sensation with all those who want an extra early white corn.

### Took First Prize at the National Corn Exposition.

Northrup, King & Co.'s Sterling White Dent Corn won the first and also the second prize for white dent corn from Minnesota at the National Corn Exposition held in Chicago, Oct. 5-19, 1907. This corn was grown in Le Sueur Co., Minnesota, from seed furnished by us to C. W. Grotfeller and George Weaver. The result of the 1908 Corn Exposition at Omaha is not known at this writing, but it is safe to say that Northrup, King & Co.'s varieties of field corn will stand high among the prize-winners.

### Where Northrup, King & Co.'s Sterling White Dent Corn may be Advantageously Planted.

We consider that our Sterling White Dent Corn has the widest range of usefulness and adaptability to soil and climate of any of the full dent corns. Some of the flint sorts are earlier and thus safer for extreme conditions. There are also later and larger eared sorts, which under normal conditions would perhaps more satisfactorily meet the ideas of the corn growers of Illinois, Indiana, Kansas, etc., who are accustomed to the extremely large eared and deepkerneled sorts of the South, but for the corn ground lying between the 42d and 46th parallels of latitude and allowing for reasonable variations in time of seeding and character of soil, we know of no corn to be compared with it as a large and reliable cropper. Where weather conditions are such as to compel late planting or replanting, or where for any cause an early variety is wanted, no sort can excel our Sterling White Dent. An extra early corn that will and has yielded under good tillage in Minnesota over 100 bushels to the acre is not to be decried by corn growers anywhere and will be appreciated by the farmers of the Northwest. Large pkt., 10c; lb., 20c; 3 lbs., 50c, postpaid. By express or freight,  $\frac{1}{4}$  bu., 85c; bu., \$2.75. Bags free.

### Took First Prize.

*I took first prize at the Stevens County Fair on Sterling White Dent, and also on N. K. & Co.'s Triumph Flint raised from seed bought of you.*

O. J. OPPLIGER, Stevens Co., Minn.

### It is a Winner.

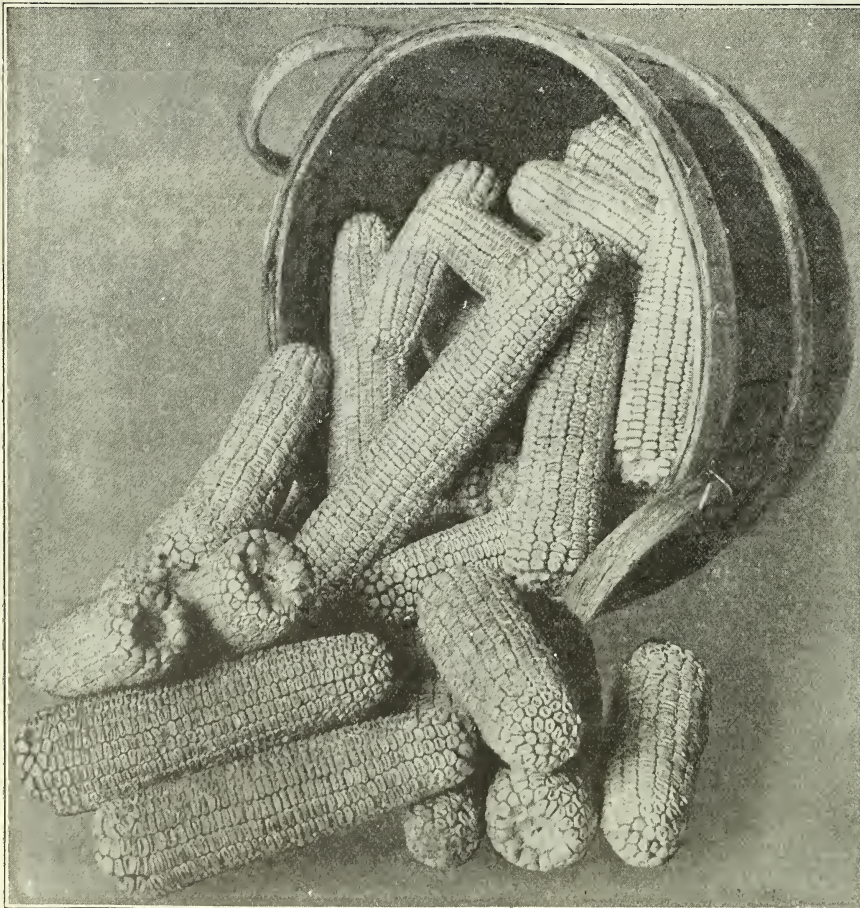
*We have used your seeds for ten years and would use no other. I must say that we are very well satisfied. Your Sterling White Dent Corn is a winner, and your garden seeds can't be beat.*

HENRY SCHWERN, Wright Co., Minn.

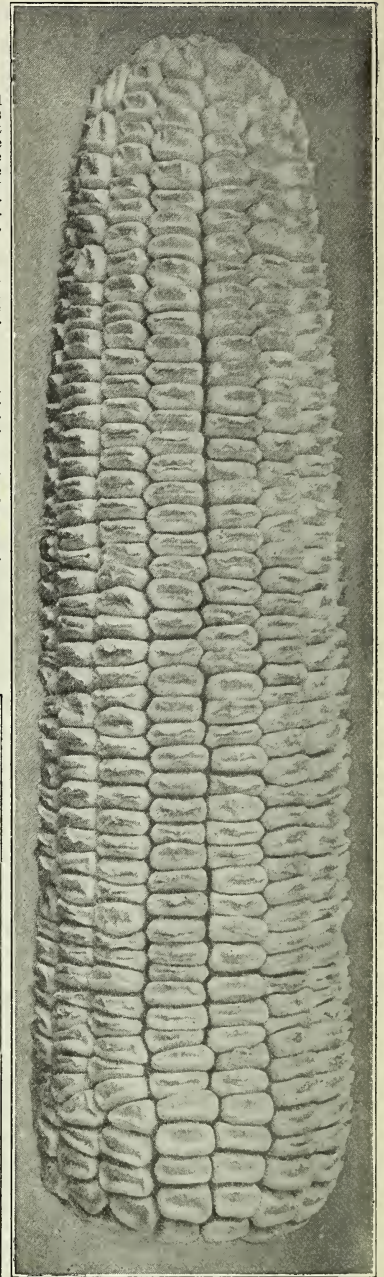
### Are All Right.

*Your seeds are all right for this part of the country, especially the Sterling White Dent Corn.*

BERNARD BLACK, Stanley Co., S. D.



A Basket of Northrup, King & Co.'s Sterling White Dent Corn.



### Sterling White Dent Corn.

(Reduced in size)

### Greatest Corn for this State.

*For fourteen years I have used your field seeds—wheat, barley and seed corn. Your Sterling White Dent Corn I regard as the greatest corn for this state. The high germination of your seeds strikes me as remarkable.*

HANS GEO. ANDERSON,  
Nicollet Co., Minn.

### The Most Satisfactory.

*I think I have been using your seeds since you started in business. Your Sterling White Dent Corn has proved the most satisfactory.*

A. W. HALES, Clark Co., Wis.

### Always Satisfactory.

*The seeds which I have bought of you during the past 20 years have always proved satisfactory. Your seed corn can be well recommended for the North.*

HENRY E. VOIGT,  
Hamburg, Wis.

Write for Special Prices on Seed Corn  
in large quantities.



Minnesota State Experiment Station, the Birthplace of Minnesota No. 13 Corn.

## Minnesota No. 13 Corn (University) Extra Early Yellow Dent.

The commanding points of excellence which place Minnesota No. 13 Corn at the head of all yellow dent varieties for Northern planting are:

- Its earliness,
- Its enormous productiveness,
- Its adaptability to a great variety of soils and climates.

To Prof. W. M. Hays, formerly agriculturist at the Minnesota State Experiment Station and now Assistant Secretary of Agriculture, Washington, D. C., is due the honor of having originated this valuable extra early yellow dent corn. Not only is it fully as early as any of the yellow dent corns, but its record of heavy yields is such as to mark it as distinctly and undoubtedly the most profitable of all the yellow dent varieties. It was the remarkable productiveness of the Minnesota No. 13 Corn that led Prof. Hays to say: "The inherited quality of corn to yield heavily or poorly, all comes in the ten pounds, more or less, of seed planted to the acre," and never was the truth of this statement better exemplified than in Minnesota No. 13. Much time and labor was expended by Prof. Hays and his staff of assistants in breeding and perfecting this strain. It was first disseminated as Minnesota No. 13 Corn, the intention being to later give it an appropriate name, but it has since become so widely and favorably known as Minnesota No. 13 that it must continue to be so known. The Directors of the Minnesota Experiment Station consider it the best yellow dent corn for Minnesota, North and South Dakota and Wisconsin; other stations agree in this opinion. Mr. John S. Cole, Assistant Agriculturist at the Brookings, South Dakota Experiment Station, says: "At the county fair held here last week Mr. Geo. N. Kennard exhibited one bushel of Minnesota No. 13 Corn that I consider was the finest sample of yellow dent corn that has ever been displayed here. Mr. Kennard's corn was raised on clover sod and is estimated to yield from sixty to eighty bushels an acre."

The ears are of handsome appearance bearing 16 to 20 rows of bright, rich yellow, smooth, wedge-shaped kernels packed closely on the cob from butt to tip. The ears average eight inches in length and are borne usually two on a stalk. No corn excels in quality the Minnesota No. 13; the cobs are well filled and the individual kernels plump and of good color.

Minnesota No. 13 thoroughly matures in ninety days when planted on favorable soil and in a good location, but ninety-five to one hundred days places it out of danger under average conditions. A variety of corn which will show such valuable characteristics is an acquisition on any farm, especially for planting in the Northwest where early frosts are common. It may be planted as late as the second week in June and yet safely mature a crop.

Another point to which particular attention should be directed is its adaptability to changes in soil and climate. Many varieties fail to do well when subjected to new conditions or require several years to become acclimatized. Minnesota No. 13 Corn, however, will thrive and produce abundantly on most any soil and will do remarkably well under adverse conditions when other varieties would fail entirely.

The stalks grow to a height of seven feet and being leafy make excellent and very nutritious fodder.

We consider this a most valuable corn to grow, as do also the various Experiment Stations we have mentioned. We refer also to a few of those who have purchased their corn of us in the past. They are in position to know from actual experience. If space permitted we could print many more expressions of a like nature.

We especially wish to impress upon the intending purchaser one fact, and that is the importance of ordering early. Every spring, for several years, our supply of Minnesota No. 13 Corn has become exhausted before the season was over, thus disappointing many of our customers. When the supply is gone it will be impossible to fill further orders for this variety, as we will not send out anything but genuine Minnesota grown seed corn of high germination. Large pkt., 10c; lb., 20c, postpaid. By express or freight, 1/4 bu., 80c; bu., \$2.50. Bags free.

### OPINIONS OF CORN GROWERS.

Grew 100 Per Cent.

*I bought some of your Minnesota No. 13 Seed Corn and found upon testing it that it grew 100%. That is good enough for me.*

H. KETCHAM, Ramsey County, Minn.

**The Best Corn in Wright County.**

*I am sending you a sample of what is said to be the best field of corn ever grown in Wright County. It is Minnesota No. 13 and the seed came from you.*

JOHN DEWEY, Wright County, Minn.

**My Corn did not Grow but my Neighbor's Did.**

*I purchased some Minnesota No. 13 Corn from a seed house in South Dakota last year and it did not grow, but my neighbor bought some Minnesota No. 13 Corn from you and it was fine.*

WM. SINDOWN, Brookings Co., S. D.

**Last Planted and First to Ripen.**

*I have four acres of fine matured Minnesota No. 13 Corn. It was cut and shocked by Sept. 6th. It was surely a grand corn. I planted it the last, and it was the first to ripen.*

JOHN LEVERTON, Sherburne Co., Minn.

**I Thought You Were High in Price.**

*I grew fine corn on breaking from Minnesota No. 13 and Sterling White Dent, with drought and early frost against it. I thought last spring you were very high in price, but I would rather pay a big price for good seed and raise grain than have poor seed as a gift and raise nothing.*

RUPERT D. POTTER, Bowman Co., N. D.

**Ready to Cut in Less Than Ninety Days.**

*I bought some seed corn from you last spring—Minnesota No. 13—and it is splendid, being ready to cut in less than ninety days after seeding.*

FINLEY LYON, Linn Co., Iowa.

*Your seeds have given the best of satisfaction. Have bought of your firm for twenty years. If you had not been reliable I would not have patronized you so long. We were especially pleased with the Minnesota No. 13 and Minnesota King Corn, and can recommend your seeds to all.*

D. M. NYE, Winona Co., Minn.

**One Week Earlier Than Any Other.**

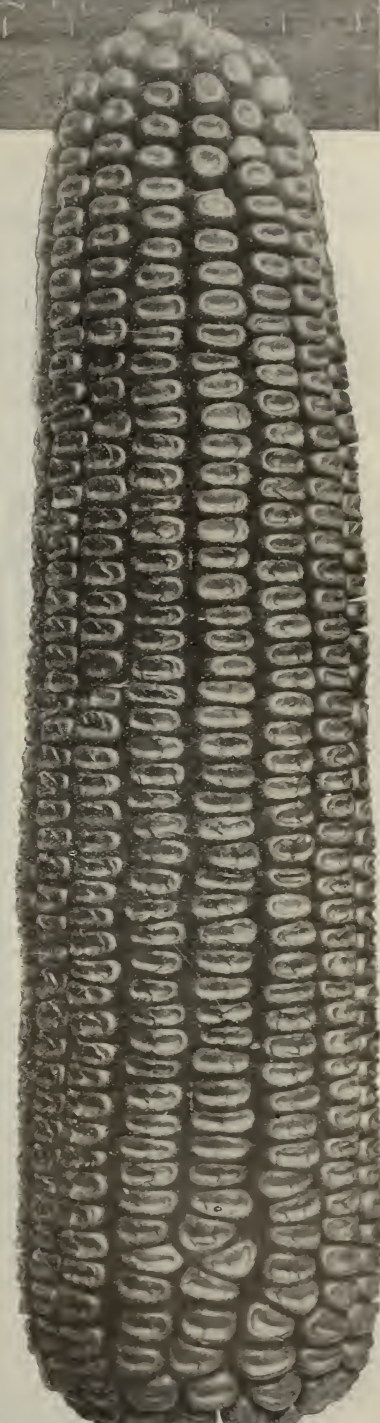
*We like your seeds better than any other we have tried. Minnesota No. 13 Yellow Dent Corn is one week earlier than any other variety and the ears are about nine inches long.*

OLE TORGERSON, Yellow Medicine Co., Minn.

**First-Class Corn.**

*We sent our first order to your house last spring, that was for seed corn Minnesota No. 13 which is, I think, first-class corn. You can expect another order next spring. FRED VEENSTA, Stearns Co., Minn.*

**Write for Special Prices on Seed Corn in Large Quantities.**



An Average Ear of Minnesota No. 13 Yellow Dent Corn.

# THREE GRAND EARLY DENT VARIETIES FOR NORTHERN PLANTING.

## Early Northwestern Dent. Smoky Dent.

This corn is in a class by itself, being a yellow-capped red dent variety and is one of the most largely grown varieties in North Dakota and the northern part of Minnesota. It is extremely early and quickly adapts itself to new soil and climatic conditions. It gives best results on a fairly rich soil. We have harvested 75 bushels to the acre and upwards and gathered seed therefrom in as many days, a strong tribute to its earliness and productiveness. Under ordinary conditions the average height of stalk of this corn is 7 ft. 8 in.; average distance of base of ear from ground 3 ft. 5 in. The ears bear 10 to 14 rows. Our supply of seed of this variety usually runs out early in the season, consequently send your orders early. Large pkt., 10c; lb., 20c, postpaid. By express or freight, ¼ bu., 75c; bu., \$2.85. Bags free.

### In the Crib in 95 Days.

The Early Northwestern Dent Corn I purchased from you was husked and in the crib in just 95 days from planting. If the weather had been more favorable would have done better. A large acreage of this variety will be planted in my neighborhood this coming year.  
JOHN BAKER, Anoka Co., Minn.

### Always Got the Best.

The seeds bought of you have always given satisfaction, and whenever I ordered Sterling seed I always got the best in the market. We purchased some Northwestern Dent Corn of you last spring. It is the best I have seen for this country.  
JOHN SCHAFFER, Polk Co., Wis.

### Even Stand.

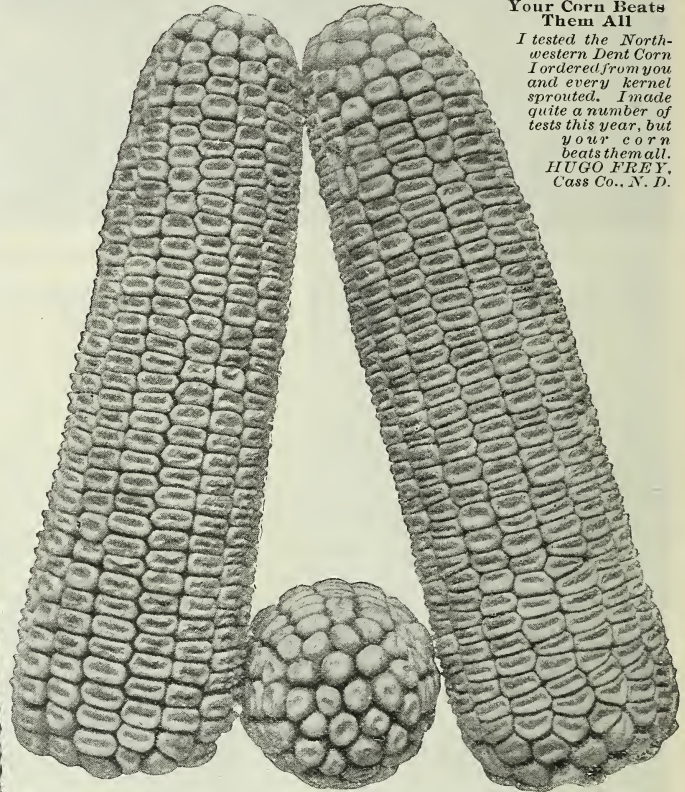
We have twenty acres of Early Northwestern Dent Corn of the most even stand any one could wish.  
DANIELSON BROS., Mecker Co., Minn.

### All Corn Has Been O. K.

I have used your seeds "off and on" for about ten years. The "off" years I used other seeds and got nothing, so hereafter it will be Northrup, King & Co.'s seeds or none for me. Have had good satisfaction with Northwestern Dent and Minnesota No. 13 Corn. In fact, all varieties of corn that you advertise maturing as far North as the 46 parallel have been O. K.  
R. C. STYLES, Spink Co., S. D.

## Your Corn Beats Them All

I tested the Northwestern Dent Corn I ordered from you and every kernel sprouted. I made quite a number of tests this year, but your corn beats them all.  
HUGO FREY, Cass Co., N. D.



White Cap Yellow Dent Corn.

## White Cap Yellow Dent.

We have grown this corn for several years, and, although it is very early and a great yielder, yet we have not liked it so well as some other sorts on account of the color of the grain, the cap of the corn being white and the balance a pale yellow. The increased demand for it, however, and the reports we receive about it, many of which are really astonishing, compel us to recognize the fact that the prejudice we have had against this corn on account of its color, was prejudice pure and simple, and that White Cap Yellow Dent Corn has come to stay and ought to stay. Large pkt., 10c; lb., 20c, postpaid. By express or freight, ¼ bu., 60c; bu., \$2.00. Bags free.

## North Dakota Golden Dent Corn.

This variety is all the name suggests, an extra early, beautiful yellow dent corn. The stalk is rather dwarf in its growth; the ears are fair size and well placed sufficiently high above the ground to admit the use of a corn binder in harvesting the crop. Golden Dent is in demand with feeders who want something to be used as a starter for stock to be fed in the pastures during the fall. This variety will make good ears when closely planted in drills. We advise the use of 6 to 8 qts. of seed an acre when drilled. Large pkt., 10c; lb., 20c, postpaid. By express or freight, ¼ bu., 75c; bu., \$2.50. Bags free.

### Four Quarts Produced 35 Bushels.

Two of my boys were supplied 4 quarts of the Northwestern Dent Corn your firm furnished Beltrami County in last year's corn contest, and raised from it 35 bushels of as fine corn as I ever grew.

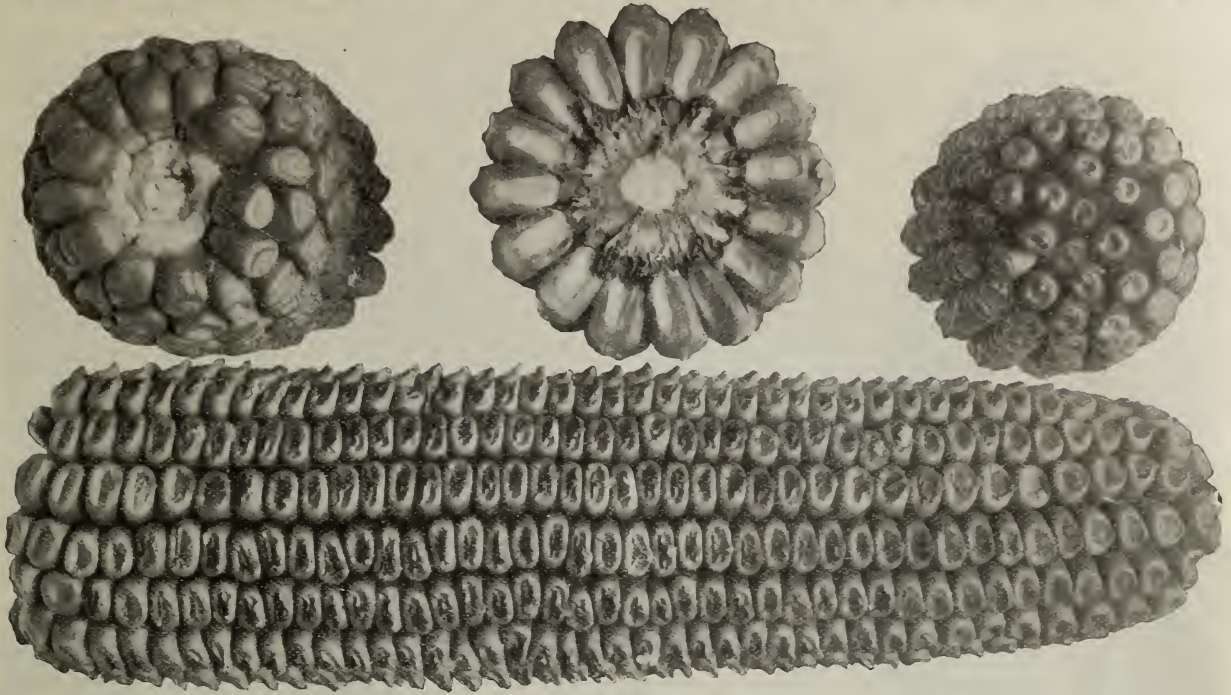
F. S. CHAMBERLAIN, Beltrami Co., Minn.

Write for Special Prices on Seed Corn in large quantities.



Early Northwestern Dent Corn. The Earliest Dent Corn Grown. Upright Ears Reduced in Size.

# EXTRA EARLY YELLOW DENT SEED CORN



Butt, Cross Section, Tip and Full Length View of an Ear of Northrup, King & Co.'s Dakota Dent Corn.



**Northrup, King & Co.'s Dakota Dent.** Earliest Full Yellow Dent. 16 to 20 rows. Recommended for planting south of the 46th parallel of latitude. Thousands of bushels sold since introduced. It grows 6 to 8 feet in height; cob small, well filled out to the end with long deep grains. It is a very heavy yielder. Average height stalk, 8 ft. 1 in., average distance base of ear from ground, 3 ft. 2 in. Large pkt., 10c; lb., 20c, postpaid. By express or freight,  $\frac{1}{4}$  bu., 65c; bu., \$2.00. Bags free.

**Minnesota Early Yellow Dent.** A very early and hardy full dent corn. The kernel is not so deep and the cob is larger than our Dakota Yellow Dent or Pride of the North, but it can unquestionably be safely grown a little farther north than either of these varieties. This corn will stand more hard knocks than any other full yellow dent. Large pkt., 10c; lb., 20c; postpaid. By express or freight,  $\frac{1}{4}$  bu., 55c; bu., \$1.75. Bags free.

## Pride of The North.

A Dependable Early Yellow Dent Corn.—In some sections of the Northwest it equals other varieties in yield and quality. The stalks are well proportioned, being short, jointed and leafy. Two or more well developed ears are frequently found on a single stalk. The kernels are very deep and closely set on the ear. Pride of the North shells more corn in proportion to cob than any other variety grown in the West. It is specially valuable to stockmen, to feed in the bundle thus saving the expense of husking. Average height of stalk 7 feet, average distance base of ear from ground 3 feet. Large pkt., 10c; lb., 20c; postpaid. By express or freight,  $\frac{1}{4}$  bu., 60c; bu., \$2.00. Bags free.

## POP CORN.

### Big Money in Little Things.

Very often there is good money in "little things" which because they are small, people are likely to overlook. Popcorn is one of these.

#### ITS PROFITABLE USES.

1st. It yields of shocked corn of the very best feeding value at the rate of 8 to 10 tons an acre.

2nd. The small ears which mature early, are very valuable for pigs, calves and young stock generally, especially during the fall and winter months.

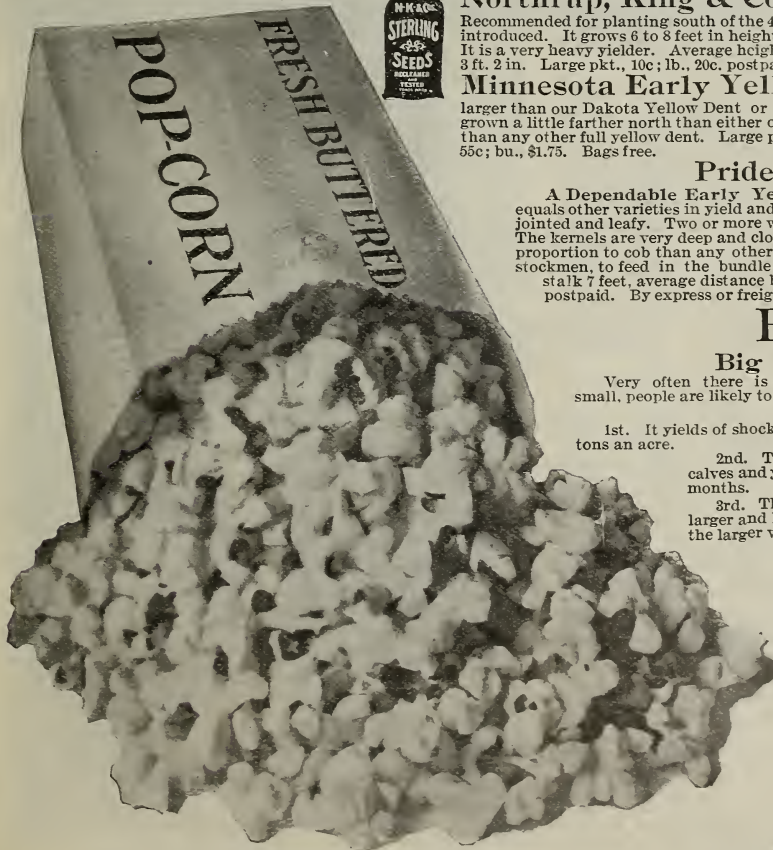
3rd. The yield of ear corn to the acre is quite equal to any of the larger and later varieties, as it can be planted much more closely than the larger varieties of corn.

4th. Thousands of carloads of popcorn are annually sold for popping purposes, the consumption having greatly increased since the advent of "Cracker-jack" and other like preparations.

5th. Popcorn brings a very much higher price either shelled or on the ear than any other corn and usually a ready market is easily found for any quantity, while in event of an inactive market, it can always be fed, and a farmer cannot raise better feed.

6th. Boys and girls can grow an acre or two of Popcorn and dispose of the product to their neighbors or to the merchant. There is usually a demand for this article and in this way considerable money can easily be earned. Why not plow up an acre or two and turn it over to the children. It will afford them pleasure and profit.

Plant at the rate of 6 to 8 quarts to the acre and closely. We have a very choice lot of this Popcorn carefully chosen and tested for seed purposes. Price, large pkt., 10c; lb., 25c, postpaid. By express or freight at purchaser's expense; lb., 15c; qt., 25c;  $\frac{1}{4}$  bu., 80c; bu. of 56 lbs., \$2.75. Bags free.



Relished Alike by Old and Young.

# FOUR LARGE-EARED STANDARD VARIETIES

Not Recommended for Planting North of Parallel 43°.

**Mastodon Corn.** Mastodon Corn is early as compared with Golden Beauty, Leaming and other standard late sorts, but while we have grown it for some years past within a few miles of Minneapolis we do not as yet recommend it for general planting north of latitude 43. This means that we think it adapted for sections south of the northern tier of counties in Iowa. Meantime, we hope as many of our customers in the North, as possible, will try a packet and report their success. The ear illustrated was grown this past season north of Minneapolis, which seems to prove that it grows earlier each season.

The originator states: "The early Mastodon Corn, named Mastodon because of its large ears, has been brought to its present standard by careful selection. The seed trade and large growers of field corn have for many years been anxiously inquiring for a large-eared, yet early dent corn, and to supply their wants I have for years been studying it up, and, until I got up this corn, was not fully satisfied. Many sorts have been tried and found wanting. In the Mastodon your customers will find a high-bred corn, of beautiful color, and one which will please them. I claim for this corn the largest number of rows on cob, and the deepest, longest grains of any corn ever originated, making the finest appearing shelled corn I ever saw, being a cast of two colors, and such corn as brings the highest price in market." (We do not quite agree with the originator as to the appearance of the corn. It is a beautiful corn on the ear, but does not look so well when shelled. Its great productiveness, however, makes amends for its "two color" look when shelled.)

—Northrup, King & Co.) "It grows very rapid, strong and rank at a medium height, and will outyield any corn ever grown in this section. You cannot too highly recommend this corn to your customers. I have grown thousands of bushels of Golden Beauty, and the Mastodon is from three weeks to one month earlier, growing side by side and planted the same week." The stalks are from seven to ten feet high, the ears are set well up from the ground. The ears and grain are very large as can be seen in the photograph. Try some of this corn and watch the results. Price for Mastodon Corn: Large pkt., 10c; lb., 20c; 5 lbs., 90c; postpaid; by express or freight,  $\frac{1}{4}$  bu., 65c; bu., \$2.25. Bags free.

**Reid's Yellow Dent Corn.** This is a splendid yellow dent variety with eighteen to twenty four rows of kernels on an ear. The cob is small and grains are very close together so that there is scarcely any room between the rows. We do not recommend this corn for growing north of the forty-third parallel, but for Iowa, Nebraska, Kansas, Missouri, Illinois and other states in the same latitude, this is the corn to grow. Reid's Yellow Dent has been awarded more prizes at Corn Shows than any other variety.

The ears average from eight to eleven inches in length. The stalk is very heavy, and is not easily blown down. This corn will mature under favorable conditions in about 115 days.

Our stock was grown for us by one of the largest and most reliable growers in Nebraska. It must be remembered that we do not recommend this corn for Northern planting except to be used for fodder or silage purposes. This is also true of the other varieties listed on this page.

Price of Reid's Yellow Dent Corn: Lb., postpaid, 20c;  $\frac{1}{4}$  bu., 70c; bu., \$2.25. Bags free.

**Iowa Silver Mine Corn.** The Great \$1,000 Corn. The introducer of this variety of corn says: "The most marvelous variety of corn ever offered, and which will surprise everyone who plants it. If the farmers take hold of this as they should it will revolutionize the corn growing of the country. Stalk grows to a height of about seven or eight feet and sets the ears about three and one-half to four feet from the ground. Just the right height for easy picking. It is early, matured last year in less than ninety-five days. The cob dries out rapidly, so that it is ready for the market very early."

This variety is more generally grown throughout the corn belt and is more widely and favorably known than any other white corn. It is a sure cropper; very early, deep grain, pure white, and a good corn in every way. It seems to have the faculty of producing a better crop on old, thin land than any other corn, as it seems to adapt itself to unfavorable conditions. This seems to be a characteristic of most white corns.

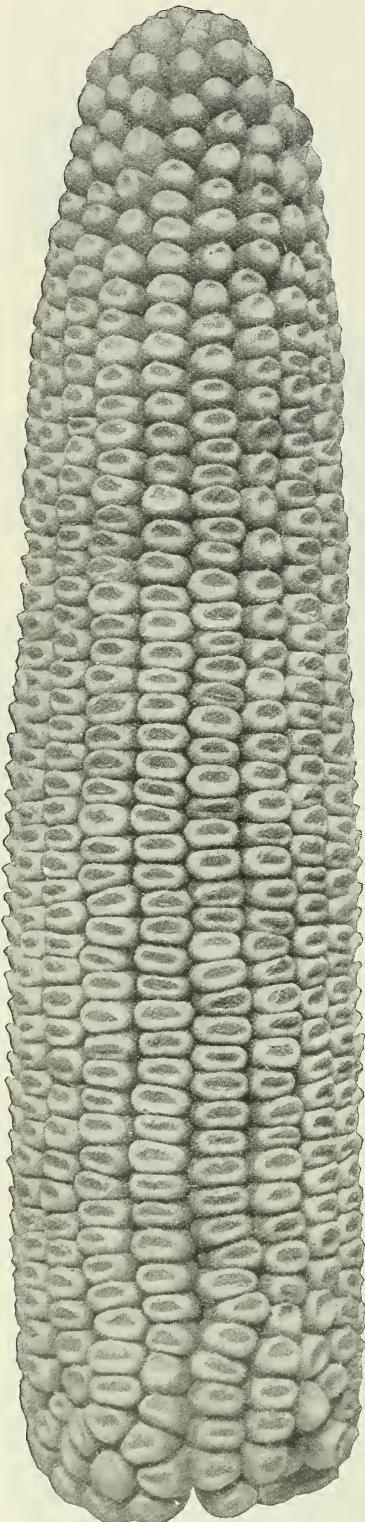
Silver Mine, is not, of course, adapted for Northern conditions, and we do not recommend it for planting except south of the northern tier of counties in Iowa. In favorable seasons it will produce a crop in southern Wisconsin, and southern South Dakota, but in all seasons is the corn to grow in southern Iowa, in Kansas, Nebraska, Illinois, Indiana and Missouri. The ears bear sixteen rows, very straight and close together. For the locations mentioned, we believe this corn will give better results than any other white variety.

Price, postpaid or by express prepaid, large pkt., 10c; lb., 20c; 3 lbs., 50c. By freight or express at purchaser's expense,  $\frac{1}{4}$  bu., 55c; bu., \$1.75. Bags free.

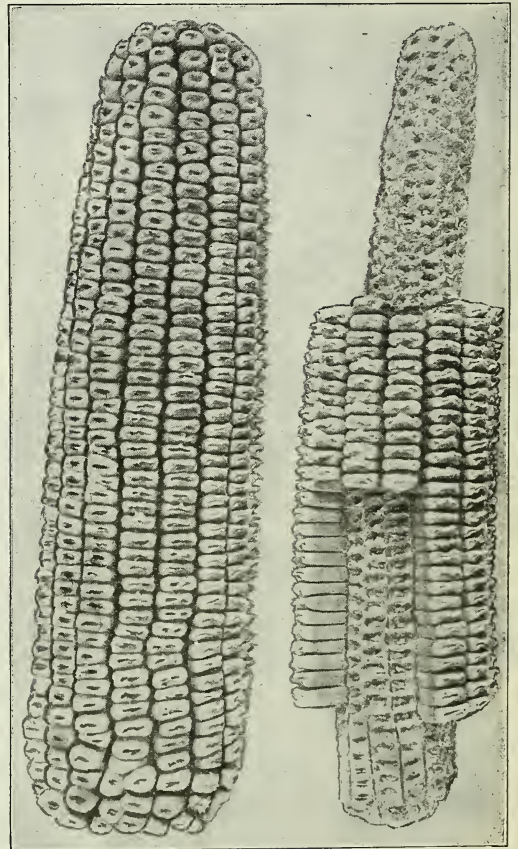
## Iowa Gold Mine Corn. A Splendid Yellow Dent Variety.

This corn is identical in appearance and habit of growth, in size of ear and earliness and in productiveness with the Iowa Silver Mine, and every one who has tried it is enthusiastic in praise of this splendid variety. It is early ripening but a few days later than the Pride of the North. Ears are not excessively large, but of good size and symmetrical. Color, a bright golden yellow, shining like a new coin direct from the mint. Grain is very deep, cob small, and therefore dries out nearly as soon as it ripens. 70 pounds of ear corn makes 60 to 62 pounds of shelled corn, and in hauling it to the market it weighs out five bushels more to the wagon load than common varieties in the same size wagon. 70 pounds of corn on the ear have given 64 pounds of shelled corn and only 6 pounds of cobs. This is unparalleled and cannot be equaled by any other corn in the world.

The kernels are deep, wedge-shaped. Our corn has been carefully grown, selected, cleaned and tested. Price, large pkt., 10c; lb., 20c; 3 lbs., 50c; postpaid. By express or freight at purchaser's expense,  $\frac{1}{4}$  bu., 55c; bu., \$1.75. Bags free.



Mastodon Corn Grown in Anoka Co., Minnesota.



Iowa Silver Mine. Note the Small Cob.

# FODDER CORN

**F**OR many years we have been preaching Fodder Corn to the farmers of the Northwest, but the dry seasons of the last decade aroused them fully to its great value. When other crops had failed, and the farmers were wondering what they would do for feed, many planted Fodder Corn, because it was too late to put in anything else. Now every one of them puts a liberal acreage into Fodder Corn, because they have found it one of the most profitable crops to grow; not a makeshift, but a necessity. The increase in our sales of corn for fodder purposes in the past few years is almost incredible. We make a specialty of Fodder Corn, and our customers will find it to be of the highest quality.



A Field of Northrup, King & Co.'s Giant Fodder Corn. Note its leafy habit. This photograph was taken 60 days after planting.

## New Uses for Fodder Corn.

This excellent forage crop has been grown largely in the corn growing sections because it produces more tons of feed an acre than any other grain or grass—25 tons an acre of green feed are often reported and occasionally 35 to 40 tons are produced on a single acre where conditions are most favorable for its development. Fodder Corn is now sowed broadcast at the rate of two or three bushels an acre for supplemental pasture to be used when grass is short and often dry during the autumn months.

### To Kill Quack Grass.

Quack grass is taking possession of many of the best farms in the country. In such cases Fodder Corn is one of the best cover crops to smother this pest by shading it from the sun. Plow the quack grass sod late in the fall, which, with the freezing of the roots will greatly injure the plant. Cultivate with a spring tooth harrow every week during April and May. Plant Giant or Elephant Fodder Corn in drills, using one bushel of seed an acre and thus smother the quack grass and other weed pests.

## Varieties of Fodder Corn.

Fodder Corn may be divided into five classes, viz: Large Southern Varieties, Medium Dent Varieties, Early Dent Varieties, Flint Varieties and Sweet Varieties. Each of these has its friends. All may be successfully grown for fodder in almost any latitude. The merits of each class are briefly stated under their respective headings. If further information is desired, we shall be glad to supply it as far as it lies within our power, and will be pleased to make recommendations when desired. There is one point we want to impress on stockmen, dairymen and others using Fodder Corn, and that is to place your orders early. By so doing you secure the benefit of the present low prices. You can test the seed and have corn on hand that you know will grow when you are ready to plant.

The question of which is the BEST Fodder Corn will probably never be fully settled, any more than will be the question of the best breed of horses or cattle, so we try to present briefly and fairly the leading points of superiority claimed for each variety.

## LARGE SOUTHERN VARIETIES

Prices Subject to Market Changes.

### Northrup, King & Co.'s Giant Fodder Corn.

We believe that in most cases farmers can better afford to pay the price we ask for our Giant Fodder Corn than to plant other Southern varieties as a gift.

First, because in proportion to the quantity of leaf, this variety has a smaller stalk than any other variety. Second, while several other well known varieties of Fodder Corn often grow just as tall and even at times throw out leaves that are as large, the extraordinary productiveness of the Giant Fodder Corn arises from the closeness of the joints; and as leaves are thrown out from each joint, the result is an increased yield of fodder over any other variety. An extra pair of leaves on every stalk will more than pay the entire cost of seed on every acre of ground.

There are many reasons for considering Giant Fodder Corn the best and most economical; certainly it is by far the best of all the large growing varieties. The only objection that has ever been raised to the Giant, is that it grows very large, and is therefore harder to handle than the smaller sorts. We measured one stalk brought in by one of our customers, which was 14 feet in

height; at the butt the stalk was two inches in diameter; half way up the stalk, 1½ inches in diameter. It bore 23 pairs of long and very broad leaves. This would seem to afford ample proof of the enormous feeding value of this truly remarkable corn.

Drill 1 to 1½ bushels to the acre in rows about 3½ feet apart. Five or six kernels to each foot of row. Price of Northrup, King & Co.'s Giant Fodder Corn: ¼ bu., 40c; bu., \$1.30; 2½ bu., (bag) \$3.00; 10 bu., \$11.00; bags free. Write for special prices on round lots.

**Red Cob Fodder.** A standard Southern sort which has a wide reputation all over the country. In Canada this seems to have the preference over any other sort, perhaps because it has been more widely offered and advertised. It grows very tall and very leafy. Drill 1½ bu. to the acre in rows 3½ feet apart. Price by express or freight, ¼ bu., 40c; bu., \$1.25; 2½ bu., (bag) \$2.90; 10 bu., \$10.50. Bags free.

**Southern White Fodder Corn.** This is a tall growing, leafy variety possessing the general characteristics of our Giant, but is not so leafy. It is the kind offered and sold by some of our competitors as Giant. ¼ bu., 35c; bu., \$1.20; 2½ bu., (bag) \$2.90; 10 bu., \$10.50. Bags free.

## GROWERS TELL OF

### Just the Thing.

Your Giant Fodder Corn is just the thing for this country. I always raised it when in South Dakota and was much pleased with it there. What I planted early grew eleven feet tall, and what I planted the 8th day of July grew to be seven or eight feet tall. The cattle eat every bit of it, so there is no waste, and I believe it will produce more feed to the acre than anything else one can raise. I planted five bushels of this corn and I consider it safe to recommend it to anyone. T. V. NASH, Douglas Co., Minn.

### Enormous Yield.

I bought of you last spring five bushels of Giant Fodder Corn. It made a splendid crop. It stood fully 12 feet high. Many of the stalks produced matured ears. We weighed portions of the field to determine the yield and found it to be the enormous quantity of 36 1-2 tons an acre.

W. W. P. McCONNELL, Mankato, Minn.

## THEIR EXPERIENCE.

### I Wish I Had More.

Your Giant Fodder Corn is better than anything I have seen yet in the way of fodder. I wish I had more of it. L. LARSON, Pope Co., Minn.

### A Great Success.

The Giant Fodder Corn I bought from you last spring was a great success in spite of the dry season. I think it will be extensively used next year. It has proved that Fodder Corn can be relied on when grasses are a failure. NILS PETERSON, Ottertail Co., Minn.

### It Was Grand.

That Giant Fodder Corn I got of you was grand. I only wish I had more of it. Everyone who passed this way thought it would be the proper feed to grow in this country where hay is so scarce.

FRAZER D. HUFFMAN, Cavalier Co., N. D.



# FODDER CORN



Northrup, King & Co.'s Elephant Fodder Corn.

## MEDIUM DENT FODDER CORN.

There are many who prefer for fodder smaller growing corn than the large and later varieties, claiming for it the following advantages: 1st, that it is more readily handled by the corn harvester, or even the grain binder; 2nd, that it matures earlier, and gives well formed and often partially or fully ripened ears; 3rd, that it is more easily cured; 4th, that the smaller stalks make finer and richer fodder; 5th, that the fodder is more easily handled in putting through the silage or fodder cutter, or if fed long, is more easily handled in the manger.



### Northrup, King & Co.'s Elephant Fodder Corn.

We believe this variety will best please the advocates of the type of corn above referred to. It is tall growing, averaging 7 to 8 ft. It is very leafy. It has a small stalk. It will form, even in Northern Minnesota and in North Dakota, good sized ears, thus adding to its feeding value. It is low in price. Drill in rows about  $3\frac{1}{2}$  feet apart, and about 60 lbs. to the acre. Price, bu., \$1.30;  $2\frac{1}{2}$  bu. (bag) \$3.00; 10 bu. \$11.00. Sacks free. Write for special price on large lots.

## EARLY DENT FODDER CORN.

For the silo many stock raisers are growing early dent corn as it gives a large porportion of fairly well matured ears, producing a feed which is rich in protein and very nutritious.

**Early Yellow Dent Fodder Corn.** When sown thickly in drills, at the rate of from one to one and a half bushels to the acre, this seed will give a surprising amount of rich feed, relished by all stock. It can be cut and run through an ensilage cutter for the silo just before maturity or it may be fed in the rack. Price, bu., \$1.55;  $2\frac{1}{2}$  bu., (bag) \$3.65; 10 bu., \$14.00. Bags free.

**Early White Dent Fodder Corn.** May be planted the same as the Yellow Dent Fodder Corn and matures at about the same time. While the Early Dent Fodder Corn does not yield so heavy a tonnage an acre, the resulting crop in most cases is of greater feeding value. Price, bu., \$1.55;  $2\frac{1}{2}$  bu., (bag) \$3.65; 10 bu., \$14.00. Bags free.

## FLINT VARIETIES FOR FODDER.

The farmers of Maine, Vermont, New Hampshire and Massachusetts use for Fodder Corn, Early White Flint varieties almost exclusively. There is absolutely no waste to this class of corn, as the stalk is as greedily eaten as the leaves, and the feeding value is superior to everything but the Sweet Fodder or Early Dent varieties.



### Northrup, King & Co.'s White Flint Fodder Corn "State of Maine."

Our "State of Maine" Fodder is the tallest growing and best of the white flint sorts. We have great faith that it is to become a most popular variety in the Northwest, and we would like to have our customers give it a trial. Even the staunch friends of "Giant" and "Elephant" will find in the "State of Maine" something for them to "think about." Drill 1 bu. to the acre.  $\frac{1}{4}$  bu., 50c; bu., \$1.75;  $2\frac{1}{2}$  bu. (bag) @ \$1.60. Sacks free.

*I bought some of your State of Maine Fodder Corn and it is as fine corn as one could wish to see.*

W. S. GOWER, Alma Center, Wis.

**Early Yellow Flint Fodder Corn.** We are getting to sell a good deal of Early Yellow Flint Corn for fodder. Stalk, leaf, ear and all make splendid fodder.  $\frac{1}{4}$  bu. 50c; bu., \$1.75;  $2\frac{1}{2}$  bu. (bag) @ \$1.60. Bags free.

## SWEET VARIETIES FOR FODDER.

**Early Sweet Fodder Corn.** This makes capital fodder, and will mature ears in almost any part of the Northwest. The stalk is small, but sweet as honey, and nothing can make better feed than this, fed ear and all. Drill  $1\frac{1}{2}$  to 2 bu. to the acre, in rows just far enough apart to admit cultivation.  $\frac{1}{4}$  bu., 65c; bu., (measured), \$2.00; 2 bu., \$3.75. Sacks free.

**Evergreen Sweet Fodder Corn.** All varieties of sweet corn possess very much more "sugar" than any feed sort, and this being the most important constituent, it necessarily follows that the corn holding this in greatest quantity has the greatest net value. Evergreen Sweet Fodder grows much taller than the Early Sweet Fodder and makes well formed, but not matured, ears in almost any part of the Northwest. Drill  $1\frac{1}{2}$  to 2 bu. to the acre.  $\frac{1}{4}$  bu., 75c; bu., (measured), \$2.75; 2 bu., \$5.25.



Early Dent Corn Growing for Fodder.



# DWARF ESSEX RAPE



## A Word About Our Rape Seed and the Price We Ask For It.

Some firms ask less money for their Rape Seed than we do. We pay a premium for our seed in order to get the purest, cleanest and best, and it has always given the greatest satisfaction. A saving of a cent or two a pound means from three to ten cents an acre. We do not feel that for this difference between the price of known and unknown seed, seed that is proven good, and seed that may or may not be good, that we are justified in taking this risk or expecting our customers to do so.

## Dwarf Essex Rape.

Dwarf Essex Rape is the most valuable forage plant, except clover and two or three of the grasses, that has ever been introduced in the United States, and we take pride in having been the first seed house to bring it prominently before the farmers of America.

Now that the sale of Rape Seed amounts to thousands of tons annually, it is interesting, by way of contrast, to look back to the year when we introduced it, and find that our sales for the season were less than 500 pounds.

## Showing the Wonderful Growth of Dwarf Essex Rape.

Our customers can well understand that it gives us great pleasure to have lived to see our faith in Rape, for use in this country, amply justified by the outcome and that our effort to supply the very best quality of seed is recognized all over the United States.

There are several varieties of the Rape plant, but it will be found a loss of time and money to experiment with any other than the Dwarf Essex. Some houses offer it under other names but simply that, by praising it more, they may get a higher price for the seed. Any Good Rape Seed is Dwarf Essex. Nothing more or less.

Dwarf Essex Rape has been usually grown, until recent years, to furnish pasture for sheep and lambs, but it is now being found equally good in providing pasture for all kinds of stock.

It is an annual, bearing a close resemblance in leaf and stalk to the Ruta Baga, but both leaves and stalk are more numerous in the Rape plant, and of a taller habit of growth. It is a pasture plant which may be eaten off by any kind of live stock, but it is pre-eminently fitted to furnish pasture for sheep, cattle and swine.

A good crop will furnish at least 12 tons of green food and its nutritive value is nearly twice that of clover an acre. One acre of well grown Rape will furnish pasture for ten to twenty head of sheep for two months, and in that time it will fatten them in good form for market.



Rape Sown in Corn at last Cultivation for Fall Pasture or Hogging off.

## Do They Like It?

**Uses.** Dwarf Essex Rape thrives best on a good soil, rich in vegetable matter. Slough lands are excellent. This plant may be grown successfully in the following ways, viz: 1. In the early spring, to provide pasture. 2. In June or July, on well prepared land to provide pasture. 3. Along with grain, using 2 lbs. of seed an acre, to provide pasture for sheep after harvest. 4. Along with peas, oats, clover seed, to provide pasture and to get a "catch" of clover. 5. As a cover in the orchard for winter protection to avoid root-killing. 6. In corn, sowing the seed with the last cultivation; the succulent feed produced may save the loss of cattle by corn stalk disease. Prevention is better than medicine in treating this fatal disease. 7. Along with Rye, sown in August, in sheep pasture. 8. On early plowed fields to shade the land and so that the soil will not leach, wash or drift. 9. To plow under as a green crop adding humus to the soil, an element needed in grain growing sections. When rape is sown broadcast, 5 lbs. of seed an acre will suffice. When sown in rows, say thirty inches apart, and cultivated, from 1 to 2 lbs. an acre will be enough. It is now being grown in the Northern and Middle states, from the Atlantic to the Pacific.

Price, lb. 20c. postpaid. By express or freight, lb., 10c; 10 lbs. @ 9c; 25 lbs. @ 8c; 50 lbs. @ 7c; 100 lbs. @ 6 1/2c; 224 lb. sack @ 6c. Write for special price on large lots.

**Rape. HOW TO SOW, GROW AND USE IT.** Written for Northrup, King & Co., by Prof. Thos. Shaw. To all who purchase Rape Seed from us we will send free upon request the new pamphlet written for us by Prof. Thos. Shaw, and which brings the subject of Rape down to date. It contains many valuable suggestions.



## Hogs Pasturing on Dwarf Essex Rape.

# Northrup, King & Co.'s HOG PASTURE MIXTURE



Sold Only in Sealed Bags.

We most earnestly urge upon farmers all over the United States the real importance to them of using this Hog Pasture Mixture of ours. It is called Hog Pasture Mixture because when we commenced selling it nine years ago it was intended primarily to supply pasturage for swine. It has however proved of such great economic value, not only for swine but all other live stock, that its use is increasing at a rate that is truly amazing even to us who know how valuable a thing it is. It is made from 14 different grains and forage plants, many of which grow again as fast as fed down.

From every part of the country come to us letters telling the result of its use, and if we had room to print these letters, there is not one thoughtful farmer who reads this but would be so thoroughly impressed with the fact that he too should sow this mixture, that he would not fail to secure some of this seed.

You may think you have plenty of feed for your hogs, sheep, calves and cows, but you have not if you don't grow our Hog Pasture Mixture for it furnishes the variety they need. Read Mr. John Pffifer's letter on this point. With a large apple orchard into which to turn his hogs for the windfalls, with ample pasturage of Red Clover, Alfalfa, Timothy and Kentucky Blue Grass, he finds it very profitable to grow this mixture and he states the reasons. Another advantage in growing this mixture is that, sown in the spring, it comes in when other pasturage is apt to be at its worst, and continues green and bountiful all through the season until winter. This makes it valuable, too, as a catch crop, for it may be sown as late as the middle of August. We have customers who grow as much as 20 acres of this mixture, but its great general use is in small pastures or paddocks near the barns where the stock may be handily turned in at any time. Those desiring to raise an increased number of sheep and swine should note the fact that its use *decreases the cost of fencing, as an acre yields four or five times as much as any other pasturage*. One more point, *keep it fed down*. It is best when young and tender and springs up again with amazing rapidity.

The quantity of Hog Pasture Mixture required varies according to conditions of soil and climate, but as a rule we recommend sowing 100 pounds to the acre. The ground should be thoroughly prepared as early in the spring as possible so as to give the mixture an early start. Price, \$4.00 a 100 lbs. In 500 lb. lots, \$3.75 a 100 lbs. Sacks free. (Five cents a lb. in less than 100 pound lots.)

Now that grain is so high in price, it is essential that stock be given a nutritious feed in variety so as to cut down the expense of feeding. Northrup, King & Co.'s Hog Pasture Mixture is just the thing for this purpose. We wish we could get every stock raiser to try at least an acre of our Hog Pasture Mixture this coming season. Many of those who have used it in the past are now ordering in lots of 1000 and 2000 pounds. They find they cannot get along without it.

## WHAT USERS OF NORTHRUP, KING & CO.'S HOG PASTURE MIXTURE SAY ABOUT IT.

### Mr. John Pffifer's Letter.

The hogs, pigs and calves on my farm have the run of a large apple orchard which is seeded to a variety of grasses, including Clover, Alfalfa, Blue Grass, Timothy, etc. These supplemented with the windfalls from the fruit trees make a fine pasture. However, I believe that best results are obtained from the use of the largest possible variety of forage plants in the pasture. I sowed an acre to your Hog Pasture Mixture. It made a wonderful growth and 25 tons of feed is understating the yield that acre gave me. I kept 50 pigs on it while they were weaned from their mothers. It grew faster than they could eat it. The cows were turned on the Hog Pasture Mixture after milking to keep it down. It makes a splendid all summer pasture for all kinds of live stock. JOHN PFFIFER, Dover, Minn.

### Remarkable Results.

I bought some of your Hog Pasture Mixture and it produced very remarkable results. C. F. UNDERHILL, Winnebago City, Minn.

### It Did So Well.

Give me your prices on 2000 pounds of your Hog Pasture Mixture. Yes, I want one ton. It did so well last year that I wish to double the dose. JOHN F. CLOSS, Dayton, O.

### It Was O. K.

I tried a sack of your Hog Pasture Mixture and it was all O. K. D. B. KING, Parnell, Iowa.

### Very Good Results.

I have seeded Northrup, King & Co.'s Hog Pasture Mixture for two successive years and have had very good results. Also your Elephant Fodder Corn in a bumper crop. It yielded 60 pounds to the rod in the row. The fact is I cannot get along without these two kinds, as I don't know of any other seeds that will give as much green feed as these do. L. A. WEISETH, Colman, S. D.

### Especially Satisfactory.

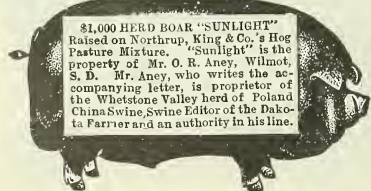
Your seeds for the past three years have always proved satisfactory, especially the Hog Pasture Mixture. JOHN DAHLBERG, Curtiss, Wis.

Wilmot, South Dakota Dec. 2nd.

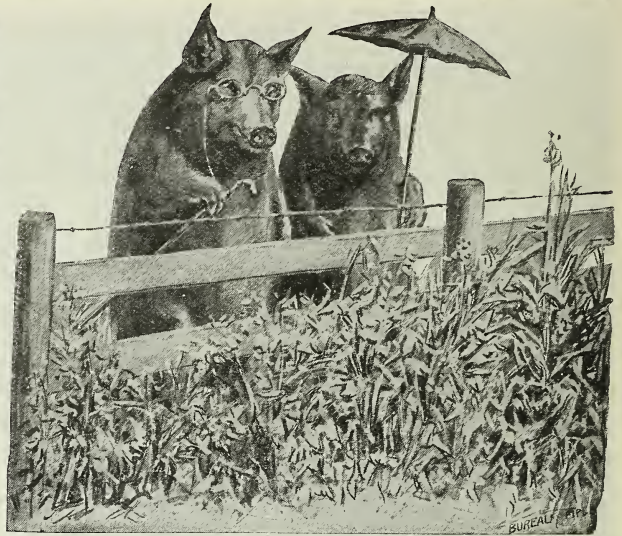
NORTHRUP, KING & Co., Minneapolis, Minn.

Gentlemen:—I wish to say that I have used your Hog Pasture Mixture and consider it the best thing that ever came to the farmers of the Northwest. Hog raising has always been conducted on a small scale on most of our farms because, until this mixture of yours was introduced, nothing could be found in the form of an annual plant that would furnish good pasturage from spring until fall without becoming woody and tough, unless it was sown at intervals. Now I look for a large number of farmers to engage in the hog raising business and also for those who are already in it to increase their herds, for with such a magnificent pasturage as your Hog Mixture supply, the Northwest can raise and put upon the market a better class of pork at a lower cost of production than any other section of the United States.

Again thanks to you and your Hog Mixture for placing these favorable conditions within my reach. I am with kindest regards, yours truly. O. R. ANEY.



Again thanks to you and your Hog Mixture for placing these favorable conditions within my reach. I am with kindest regards, yours truly. O. R. ANEY.



### A New "Point of View."

Mr. Hog: "Really my dear, I think we shall have to raise our farmer's wages. He has shown most commendable foresight in providing us with this excellent pasture. In all my farming experience I have seen nothing like it."

### Forty Hogs on Two Acres, Three Months.

The Hog Pasture Mixture purchased from you last spring made the finest growth of anything of the kind I ever tried. Persons who saw it remarked how fine it was. Had forty hogs on two acres for three months. F. M. HARRISON, Glenwood, Minn.

### It's the Greatest Money Saver.

I bought a lot of your Hog Pasture seed in the spring. I hope your firm will carry it another year. It's the greatest money saver, in keeping hogs, we ever had on the place. J. N. TITTEMORE, Maple Lodge Farm, Poy Sippi, Wis.

Traffic Mgr., M. & St. L. R. R.

### Hogs Could Not Keep it Down.

I sowed one acre to Hog Pasture Mixture and had thirty hogs running on it all season. They could not begin to keep it down and I was very much pleased with it, and can recommend it to anyone wishing a hog raising business. PETER FRANDSON, Crystal Lake, Iowa.

### It Saved Many a Dollar.

Your Hog Pasture Mixture was a great success. It saved me many a dollar in buying feed last summer; it surprised my neighbors. JOHN COLEMAN, Le Sueur, Minn.

### Well Paid.

Your Hog Pasture Mixture was all right and afforded forage for a long time until late in the fall. I turned hogs on first and later sheep. It looked like a good price to pay for so small an amount of seed, but it proved to me that I was well paid and would recommend it to anyone wishing a large amount of feed from a small acreage. W. WACHTER, Melrose, Wis.

### Found Them O. K.

I have sent to you for two years for my seeds and have found them O. K. in all respects. I have received no seeds that did not give good satisfaction in every particular. I am in the market for more for next spring. R. A. WERNER, Gackle, N. D.

### Every Seed Comes Up.

I have used your seeds and am well pleased with them. They are the best I have ever tried. It seems that every seed came up. I intend to use them again next spring. (MRS.) LILLIE DUGGINS, Gravette, Ark.

### More Than Satisfactory.

I am very much pleased with your seeds and expect to send you an order again the coming year. I find your Northern Grown seeds best adapted for this territory. Have only had them one year but they proved more than satisfactory to me. JAMES M. HART, Craig, Colo.

## Permanent Hog Pasture Mixture.

So great has been the success of Northrup, King & Co.'s Hog Pasture Mixture, that we now offer a permanent mixture which, once sown, will remain for years without re-seeding. This mixture is offered with the confidence that it will give stock raisers entire satisfaction. It has already been thoroughly tested and proved of great value for all kinds of stock. It contains five varieties of Clover, besides many other kinds of grasses. We do not recommend this to entirely displace the annual Hog Pasture Mixture, as it will not produce so much in bulk, nor make new growth so quickly after pasturing. It is, however, a substantial mixture which will prove profitable to any farmer and, we are safe in saying, can not be equalled anywhere. Not only is it suitable for hogs, but sheep, cows and horses relish this rich pasturage. You cannot afford to be without it. Order both kinds to keep your stock well supplied with abundant feed. Sow from 20 to 25 lbs. of seed an acre. Price \$12.00 a 100 lbs. Sacks free. In less than 50 lb. lots, 14c a lb.



Sorghum, Grown for Pasture and Soiling.

## SORGHUM OR SUGAR CANE

Prices subject to market fluctuations.

Note the wide range of uses to which Sorghum may be put, and its great value in each case. As a soiling crop, Sorghum will always prove of great value, since at least two crops can be obtained from one sowing. Milch cows are exceptionally fond of Sorghum. It is excellent for milk production and a given area furnishes a large quantity of succulent food.

As a pasture crop for cattle, sheep and swine it has no superior. When grazed down it will quickly spring up again, thus a large amount of pasture may be obtained at a season when forage is scarce.

As a fodder crop it furnishes an enormous amount of feed. During the season of 1908 Sorghum outyielded Fodder Corn almost two to one, producing a richer and more nutritious feed of greater value. Thus it will be seen that utilized as a pasture, as a soiling and fodder crop, it may be made to furnish feed nearly the whole year round.

Sorghum can be profitably grown in all the tillable portions of the United States that will produce corn, and will withstand drought better than corn.

The quantity of seed to be sown to the acre depends on climatic conditions and upon the mode of planting. If sown broadcast, or with a grain drill, all tubes in use, 50 to 60 pounds of seed to the acre will usually suffice. Where the moisture is likely to prove inadequate to the growing crop, more satisfactory results will be obtained by reducing the quantity of seed. When grown in single rows with a space between them, a less quantity of seed than above stated will suffice, depending upon the distance between the rows.

**Minnesota Sorghum, Early Amber Cane.** This is the earliest, richest and altogether the best sort for Northern latitudes, and is the only variety which can be relied upon for sugar or syrup in Minnesota. It produces a rich, clear syrup for which Minnesota has become famous, the usual yield being from 150 to 250 gallons an acre. The yield of seed is also large, amounting to 20 to 25 bushels an acre. As a fodder plant it excels the Southern Cane, as it is sweeter, contains more nutriment and is more relished by stock. From the illustration it will be seen how leafy and tall the Minnesota Sorghum grows. Lb., 25c, postpaid. By express or freight, lb., 15c; 10 lbs., \$1.00; 100 lbs., \$6.00. Bags free.

**Southern Cane.** Where early maturing cane is not especially desired, Southern seed may be satisfactorily used. This is not usually grown for syrup but will yield an immense amount of

green fodder an acre. Although the Minnesota Sorghum is sweeter and more nutritious, the Southern Cane yields more fodder an acre. All kinds of stock eat it very readily. Lb., 15c, postpaid. By express or freight, lb., 8c; 10 lbs., 50c; 100 lbs., \$3.00. Bags free.

**Australian Salt Bush.** Yields large crops of excellent fodder and silage. Our grower of seed writes as follows; "Salt Bush should not be planted on foul ground or where it cannot be given tillage to start it. After it is established, it is a strong grower and will thrive in poor soil, alkali, heat and drought to an astonishing degree, and will also appreciate good ground and yield accordingly. I have produced nearly forty tons per acre of green forage on good wheat ground. It pays to provide a good seed bed, then drill the seed in thinly, four feet apart, covering slightly and firming down. Keep the weeds out until it gets a start. It will fill a silo quicker than corn with silage worth double.



Photograph Showing Single Plant of Early Minnesota Sorghum. (Amber Cane) 8 ft. high. Note its Leafy Habit.

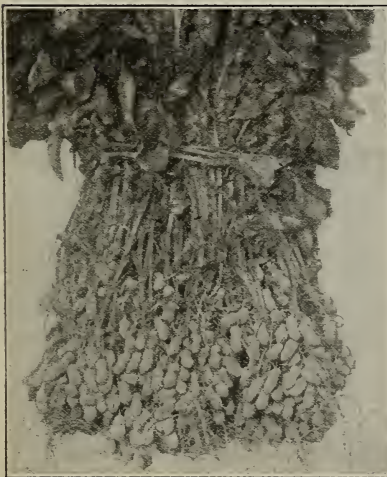
For dairy pasture it cannot be excelled. In the North, Salt Bush is an annual; farther south, a perennial, but I find it easier to replant every year." Two pounds of seed will plant an acre. The value of Salt Bush has never been appreciated even where it has been most grown, and should be given more attention by farmers everywhere. Packet 10c; ¼ lb., 30c; lb., \$1.00; postpaid.

**Thousand Headed Kale.** Thousand Headed Kale is a variety of cabbage. The plant attains a height of three to four feet. The stem is covered with leaves which form small heads. Animals especially sheep, eat it greedily. It grows well on most any land and is hardy. The seeds may be either drilled or broadcast, but we think drilling is better. If drilled, plant in rows 26 to 30 inches apart, so that plants may be thinned out so as to stand 16 to 18 inches apart in the rows. In drilling use ¼ to 1 pound of seed to the acre. In broadcasting 1½ pounds is required. Prices by mail, postpaid, large pkt., 5c; ¼ lb., 20c; lb., 50c. By express or freight, lb., 40c; 10 lbs., \$3.50.

**Kaffir Corn.** Grows 4 to 5 feet high. The stem or stalk bears numerous wide leaves. The stalks are brittle and juicy, not hardening like other varieties of sorghum. It makes excellent fodder, either green or dry, which is highly relished by cattle and all kinds of stock. The seed crop is also heavy, sometimes 50 to 60 bushels to the acre. For grain, sow in rows 3 feet apart, 3 to 5 pounds of seed to the acre. For fodder, sow ¼ to 1 bushel either broadcast or in drills. Large pkt., 5c; lb., 20c; 3 lbs., 50c. postpaid. By express or freight, 10 lbs., 50c; 50 lbs., \$1.50; 100 lbs., \$2.75.

**Sunflower, Mammoth Russian.** Only those who have tried it realize what an important crop the sunflower proves to the poultry and hog raiser. The poultry raiser well knows the egg producing properties of the sunflower seed. It is also very fattening and contains a very high percentage of protein. Sow the seed in rows far enough apart to admit of cultivation. 2 to 3 pounds will plant an acre. The plants will grow from 6 to 10 feet high and will be liberally covered with large heads well filled with seed. In feeding to both poultry and hogs, all that is necessary is to allow them to help themselves. Large pkt., 5c; ¼ lb., 10c; lb., 25c, postpaid. By express or freight, lb., 15c; 5 lbs., 60c; 10 lbs., \$1.00. Write for prices on large quantities.

**Peanuts, Iverson's Improved.** This variety combines large size and prolificness, yielding fewer imperfect pods and less "pops" than any other sort. Peanuts can be successfully grown in almost any place where corn succeeds. Every part of the peanut is useful. The vines are a valuable feed for horses, cattle and sheep. An acre will produce from one to two tons of vines. The nuts are relished by nearly everyone and in the South are fed to the farm animals and poultry. The nuts contain a larger per cent of rich nutriment. Peanuts do best on a light sandy soil, but any open soil will do. The ground should be plowed deeply and thoroughly harrowed. Careful tillage is important. All weeds and grass should be killed to give the plants all the food in the soil. Seed peanuts should be carefully hulled to prevent breaking the skin on the kernels. They should be planted in rows two and a half to three feet apart and ten to twelve inches apart in a row. Cover with about two inches of earth. When they are matured, pull them up and expose to the sun for a few days. The benefit to the land in growing Peanuts is nearly equal to growing Clover. Pkt., 10c; pt., 25c; qt., 40c; 2 qts., 75c, postpaid. Write for special price in large quantities.



Four Iverson's Improved Peanut Vines.



A Field of Canada Field Peas. Four feet high at time of blossoming.

## FIELD PEAS

"Peas could be made to bring more nitrogen to the soils of this country every year than is now purchased annually by the farmers at the cost of millions of dollars."—Year book of the U. S. Department of Agriculture.

The above statement, coming as it does from a reliable source, gives the progressive farmers of this great Northwest, something to think about. Grain has been grown year after year on many farms, sapping the life and fertility of the soil. Here is a crop which is not only profitable but will return to the land the much needed nitrogen. Peas are second only to Clover in their soil enriching properties and can be grown under almost any condition of soil or climate. There is always a ready market for peas, or they can be profitably ground and fed to stock. The vines make rich, nutritious hay. If fed to milch cows, when in a green state, mds, vines and all, the flow of milk will be almost doubled.

Peas are a paying crop and can be profitably planted in many ways.

First. When sown alone about three bushels are required to the acre. They can be matured and threshed when dry. The yield will vary from 30 to 60 bushels an acre.

Second. Peas and oats are frequently sown together, using 1½ bushel of peas and 2 bushels of oats an acre. By so doing a double crop can be secured. They can be threshed at one time and readily separated in cleaning.

Third. They can be sown alone or with oats and fed green. It is surprising the amount of fodder which is produced in this way. If sown together, the peas should be sown first and plowed under about four inches deep; the oats may then be drilled in.

Fourth. For plowing under when peas and oats are sown together and each are "in milk," they are nearly equal in value to Clover, used in the same way, to enrich the soil.

The following are the standard varieties and best adapted to general culture.

**Golden Vine Field Peas, Yellow.** Height of vine 3½ to 4 ft. A fine, vigorous variety. This strain is especially desirable on account of the heavy yield. On good soil it gives a very heavy crop and yields fairly well on land so poor as to be practically non-productive of other grains. Qt., 30c, postpaid. By express or freight, qt., 15c; ¼ bu., 60c; bu., \$1.95; 100 lbs., \$3.15. Bags free.

**Canada Field Peas, Yellow.** Height of vine 3½ to 4 ft. This is a standard variety of Field Peas and needs no special description. This variety is extensively grown in Canada, Wisconsin and other pea growing sections, and has a large sale, not only for agricultural purposes, but for use in soups. Qt., 30c, postpaid. By express or freight, qt., 15c; ¼ bu., 60c; bu., \$1.85; 100 lbs., \$3.00. Bags free.

**Canada Field Peas, Green.** Height of vine 3½ to 4 ft. Of the same general character as Canada Yellow Field Peas. Used for the same purposes, but the seed is green in color instead of yellow. Qt., 30c postpaid. By express or freight, qt., 15c; ¼ bu., 75c; bu., \$2.55; 100 lbs., \$1.20. Bags free.

## VETCH

**Sand or Winter Vetch. (*Vicia Villosa*.)** Sometimes called Hairy Vetch. This is a very valuable forage plant and is rapidly becoming more popular each year as the farmers of this country are learning more of its great value. It is very hardy, is valuable as a winter cover crop to prevent leaching, and for forage and fertilizing purposes. It is an annual, but re-sows itself and will come up year after year on the same ground. It succeeds well on nearly all soils and thrives surprisingly on poor, light land and will endure extremes of drought, heat and cold. It improves the soil, being a great nitrogen gatherer. The roots bear innumerable nodules or nitrogen-gathering bacteria. These take the nitrogen from the air and restore it to the soil where it is so much needed. It belongs to the pea family, but the vines are much longer and the foliage is more abundant. The vines in the illustration were from the second crop and measure five feet and seven inches in length. These plants were grown within a few miles of Minneapolis, on the farm of Mr. James J. Hill. It may be sown either in the spring or fall with about half a bushel of rye or oats for support. It grows rapidly and is particularly valuable in sections where Clover does not thrive. In the North it remains green all winter under the snow and it is invaluable for early pasturing or soiling. The Department of Agriculture estimates the value of an acre of this Vetch plowed under equal to commercial fertilizer at the rate of from \$16 to \$40 an acre. When sown in August or September it covers the ground before frost and prevents leaching of the soil during the winter and spring. When sown in April or May it can be cut in July, the second growth affording excellent pasture during the summer. The yield of green fodder is from twelve to twenty tons an acre. This may seem to be an exaggerated statement but when the amazing stooing propensities of this plant are taken into consideration the yield is readily accounted for. As many as twenty long vines spring from each root. When raised for hay it should be left standing until some seeds have become well formed. We especially urge farmers of the Northwest to try Sand or Winter Vetch. Not only does it produce an enormous amount of very valuable feed, but it at the same time restores to the soil a great amount of fertility which is so much needed. It will not disappoint. Plant at least an acre this season. 1 to 1½ bushels of seed required to the acre. Large pkt., 5c; lb., 20c, postpaid. By freight, lb., 12c; 10 lb. @ 9c; bu., \$4.50; 100 lbs., \$7.25. Bags free.

**Spring Vetch.** Used for the same purpose as the Sand Vetch but will not thrive on poor soil or withstand extremes of weather as successfully. Sow with oas, using a bushel of each an acre. Large pkt., 5c; lb., 20c, postpaid. By freight, lb., 10c; 10 lbs. @ 6c; bu., \$2.63; 100 lbs., \$4.25. Bags free.



Winter Vetch, Second growth.  
5 ft., 7 in. long.

# GRASS AND CLOVER SEEDS

## The Plain Truth About Grades.

The terms Fancy, Choice, Prime and Fair, by which different grades of Grass and Clover Seeds are usually known, have become so much abused by some dealers, who apply these terms indiscriminately to any quality of seed, that we, in 1897, established a grade of our own, called "Sterling."

Northrup, King & Co.'s "Sterling" Grade we intend shall invariably represent the best seed obtainable, both as respects purity and high germination. Anyone who buys our Sterling grades may return them at our expense, if, upon receipt and examination, they are found in any respect unsatisfactory, and money paid for same, both for seed and freight, will be promptly refunded.

Fancy, the next best grade to Sterling, but not of quite the same purity. It frequently happens that the demand is greater than the supply of Sterling grades, as but a small proportion of the total seed gathered will make Sterling; we then recommend our Fancy grade as being the best on the market.

Choice means bright, clean seed of strong germination, but not considered by us sufficiently perfect in all particulars to go into our Fancy grade.

Prime is in the main good seed, but contains usually a more or less liberal percentage of sand, seed of other grasses or clovers, weed seeds, blighted seeds, etc. In other words it represents seed that has not been well cleaned.

Fair, or low grade seed, means worthless seed, with which no self-respecting farmer ought to insult his land.

## Northrup, King & Co.'s "Sterling" Brand Seeds.

Since we started this grade, its quality has been unvaryingly maintained, and it has achieved such a high reputation that unscrupulous dealers have taken advantage of that fact to palm off inferior and cheaper seeds as "Sterling." In order to protect ourselves, our customers and the good name of our "Sterling" Brand, every bag of grass or clover seed put out by us under the name of Sterling, will be sold only in our sealed bags—every package bearing our name, our trade mark, and sealed at the top with a leaden seal. None other is genuine. For the convenience of our customers we are putting up the Sterling Brand Grass and Clover Seeds in 2½ bushel, one bushel, ½ bushel and ¼



bushel bags; each one sealed and branded. As we do not guarantee the contents of a bag, once the seal is broken, purchasers should always insist on getting our original packages. All quotations made by us on Sterling Brand seeds include bags free. For the protection of ourselves and our customers we have made application to the Patent Office at Washington to have the above design, also the word Sterling as applied to Seeds, registered as our trade mark.

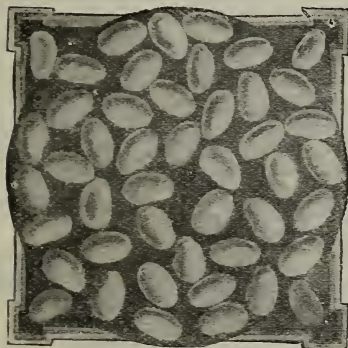
## Our Prices.

### Please Read Carefully.

Prices on Grass, Clover and Millet seed are so fluctuating in value that it is impossible for anyone to accurately gauge future values. We have therefore decided to issue throughout the season, as frequently as market conditions seem to render it desirable, a Special Red Figure Price List, which will keep customers in touch with the actual value of seeds, and which tells the Plain Truth About Grades. We shall not cater these special Red Figure Price Lists indiscriminately, but will promptly mail a copy of same upon receipt of a request for it, from those who wish to buy grass and clover seeds. Remember, a postal card will always bring one to you by return mail. Write us for it when you are ready to buy. For the benefit of those who wish to order early, we quote the prices that are in effect at the time of going to press with this catalog (January 1st, 1910), on our Sterling grades only. These prices will be maintained as long as possible, but we reserve the right to forward seed to the value of the money sent us, according as the market is higher or lower. We wish to assure those who buy late in the season and have not time to write us for prices, that they will receive fair treatment at our hands, and unless otherwise advised we will reduce or add to the quantity ordered sufficient seed to give value for the amount of money remitted. We cannot emphasize the fact too strongly to those who do not wish to buy now, that it is to their advantage to write for our Special Red Figure Price List, and samples of our Sterling grade of any variety of seed they want. A very large percentage of our customers now purchase our Sterling grades (sold in sealed bags only) of grass, clover and millet seeds exclusively, and will not have any other. They have found it to their interest to pay a little more for this grade and be absolutely assured that they are getting the very best seed that money can buy anywhere at any price.

# WHAT THE MICROSCOPE REVEALS

Startling Facts, if True, and They ARE True.



Showing Northrup, King & Co.'s "Sterling" Red Clover Seed Enlarged Three Diameters.

These plates tell a story which should interest every farmer. The top plate at the left, shows the practically perfect degree of purity attained by us in cleaning seeds so as to make our celebrated Sterling grade, while the two plates at the right illustrate the strong germination and healthy stand which follow its use. The bottom plate at the left shows Clover seed ordinarily sold as "Choice" or "Re-cleaned," and the two plates on the right the results which naturally follow. Those inexperienced in handling and cleaning seeds, can form no conception of the amount of sand and weed seeds, blighted seeds and other worthless material which a bushel of grass or clover seed may be made

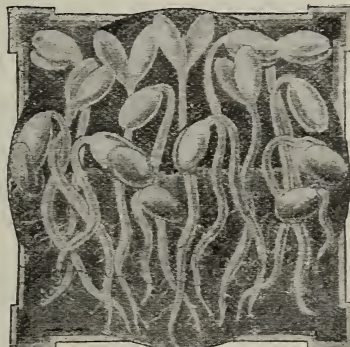


Diagram Showing Germination of Northrup, King & Co.'s "Sterling" Red Clover Seed.



Diagram Showing Vigorous Growth of Northrup, King & Co.'s "Sterling" Red Clover Seed.

to readily hide. In "Hints on Grasses," written for us by Prof. Beale, he says: "A student, under my direction, collected from dealers, mostly in Michigan, seventy-five packages of seeds of Red Clover, each of which was examined for weeds and tested for vitality. Thirty kinds of weeds were found, all samples containing weeds excepting two. At the same time another student collected and tested in a similar way fifty-five lots of Timothy seed. Seeds of twenty-three kinds of weeds were found in these fifty-five samples, including Canada Thistle, and no sample was found that was entirely free from Weed Seeds." Farmers, Think of It.

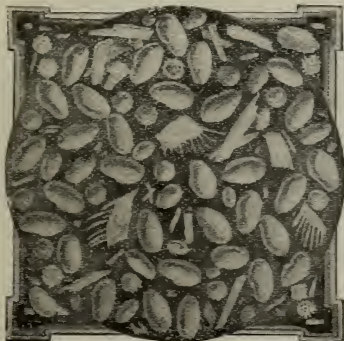


Diagram Showing Ordinary Clover Seed, Enlarged Three Diameters.



Diagram Showing Germination of Ordinary Clover Seed.



Diagram Showing Weak Growth of Ordinary Clover Seed and Straggled with Weeds.

# GRASS AND CLOVER SEED PREMIUMS

Do you want to sow eight million, three hundred and eighty-three thousand, six hundred (8,383,600) weed seeds to the bushel? If you don't, examine your seed.

To customers who order our STERLING brands of Grass or Clover seeds to the amount of \$15.00 or more, we will send free of charge, if asked for on the order, (not otherwise), either our STERLING BROADCAST SEED SOWER or the MAGNIFYING GLASS here illustrated as they may select. These two premiums will be found exceedingly useful in connection with seeds.

## Magnifying Glass.

This will prove especially valuable in the examination of Grass and Clover seeds, enabling the purchaser to at once detect weed seeds, dirt and other foreign matter with which most seed is loaded. The importance of examining seed in this way cannot be overestimated, as is strikingly illustrated in the following analyses of a good sample and a poor sample of Clover seed. These analyses were made by the United States Department of Agriculture, and are published in Bulletin No. 260. They show the relative cost of poor seed and good seed, and that the primary cost of poor seed was twice as much as the good, to say nothing of the direful results following the sowing of 139,727 weed seeds to the pound, or eight million, three hundred and eighty-three thousand, six hundred weed seeds to the bushel.

	Sample 1	Sample 2
Price paid per 100 lbs.	\$5.20	\$15.00
Per ct. of weed seeds.	25.78	.09
Per ct. of dirt, sticks and stones, .....	26.16	1.08
Per ct. red clover seed	48.00	98.83
Per ct. red clover seed that germinated, ..	18.26	95.86
No. weed seeds per lb.	139,727	150
Cost per 100 lbs. red clover seed that germinated .....	\$28.48	\$15.65

**Don't Pay Good Money for Bad Seeds.**

## One Premium only to a Customer.

One Grass and Clover Seed premium only will be sent to a customer regardless of the size of his order. An order for \$15.00 worth of Sterling grades Grass or Clover Seed will secure one of these premiums, and an order amounting to \$100 or \$1,000 secures but one. We simply want as many people as possible to see our Sterling brand seeds. It is possible, however, for a customer to obtain both premiums by paying \$1.00 for the one not sent, free, or both will be sent at purchaser's expense on receipt of \$2.00.

**PLEASE NOTE.** So that there may be no misunderstanding, we again repeat that an order must include at least \$15.00 worth of Northrup, King & Co.'s Sterling Grade Grass or Clover Seed, to entitle the purchaser to either a Magnifying Glass or a Sterling Broadcast Seed Sower. No premiums are given with other grades of grass seed.

Every purchaser of seeds should have a Magnifying Glass so that he may know what he is buying. It will be found useful also in many other ways. The Seed Sower is simple and strong in construction. Nothing to break, nothing to get out of order.

## PARAGRAPHS GLEANED FROM OUR CORRESPONDENCE.

### Can't be Beat.

*I have used your seeds for six or seven years and have always found them true to name. The premiums you send can't be beat.*

W. S. USHER, Gaza, Iowa.

### A Dandy.

*The Sterling Seeder is a dandy.*

G. W. FERRIS, Manchester, Iowa.

### Splendid Results.

*The seeds which we have bought of you in the past have proved very satisfactory. We have had splendid results with all your seed, but more especially with the Sterling brand. C. B. BENSON, Edgewater, Wis.*

### Always Sure of a Good Crop.

*We have used Sterling seeds for about twelve years, and shall use them as long as they can be obtained. We are always sure of a good crop and always have good crops.*

JAMES MINER, Pactola, S. D.

### One of the Most Reliable.

*I have used your seeds for ten years. I consider Northrup, King & Co. one of the most reliable seedsmen. I am a firm believer in Northern Ground Seeds.*

C. E. TEETSAM, Ridgeway, Iowa.

### Always O. K.

*The seeds purchased of you are always O. K. and cleaner and better than can be had from any other firm I know of in the Northwest.*

CLARENCE C. WATERMAN, Minnesota City, Minn.

### Never Failed.

*I am more than pleased with your seeds. They always come up well and are true to name, and that is worth a whole lot. I never failed to have a good garden since I began to use your seeds.*

MRS. J. B. HAYS, Mahomet, Ill.

In addition to its use in examination of seed, this MAGNIFYING GLASS will be found serviceable in many other ways, especially as a reading glass, for which purpose they are in fact manufactured. When inspecting seeds spread a spoonful very thinly on white paper, and with the glass look for weed seeds, dirt and other foreign matter, which most samples contain. You will be amazed at the difference between our STERLING grades and other brands or samples. Remember that those who buy our STERLING grades and are not perfectly satisfied with them, may return the seed at our expense, and the money paid for same will be promptly refunded. The regular price of the MAGNIFYING GLASS we offer is \$1.50, we will send it postpaid on receipt of \$1.00 to those who order the Seeder premium and would also like the Glass, or to those who want a fine magnifying and reading glass, but who are not in the market for seeds.

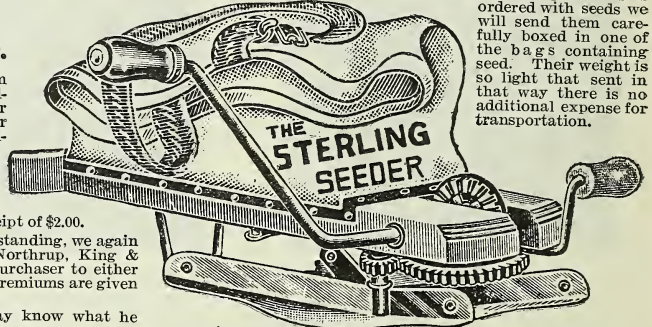
## Northrup, King & Co.'s Sterling Seed Sower.

To those who order from this catalog our STERLING grades of Grass or Clover seeds to the amount of \$15.00, we will send (if asked for on the order, not otherwise), one of our new Sterling Broadcast Seed Sowers.

This Seeder will sow any seed that is sown broadcast, such as oats, wheat, rye, flax, millet, clover, freely and is so constructed that it can never bind. Our customers will find it to be the strongest, neatest, and most compact hand seed sower made. It will be sent as a premium as above mentioned, or to those who order the Magnifying Glass as a premium and also want the Seeder, or to those who are not in the market for Grass Seeds but still want the Seeder, we will send it alone either by freight or express on receipt of \$1.00, customer to pay transportation charges. When either of these premiums is ordered with seeds we will send them carefully boxed in one of the bags containing seed. Their weight is so light that sent in that way there is no additional expense for transportation.

This engraving is exact size of Magnifying Glass.

timothy, grass seed, etc. The slide which controls the feed can be closed instantly. It moves neatly, and most compact hand seed sower made. Our customers will find it to be the strongest, neatest, and most compact hand seed sower made. It will be sent as a premium as above mentioned, or to those who order the Magnifying Glass as a premium and also want the Seeder, or to those who are not in the market for Grass Seeds but still want the Seeder, we will send it alone either by freight or express on receipt of \$1.00, customer to pay transportation charges. When either of these premiums is ordered with seeds we will send them carefully boxed in one of the bags containing seed. Their weight is so light that sent in that way there is no additional expense for transportation.



Northrup, King & Co.'s Sterling Seed Sower.

### Have no Equal.

*It gives me great pleasure to say a word of praise for Northrup, King & Co.'s seeds. In my experience Sterling seeds of all varieties have no equal. My garden excites the admiration of friends and strangers alike.*

FREDERICK SKIDMORE, Tiffany, N. D.

### Your Seed the Best I can Get.

*I have been buying your seeds for the last fifteen years and have always found them true to name. I have been gardening for twenty-five years and find your seed the best I can get.*

GEO. UNZE, Shakopee, Minn.

### Have Always Been Well Satisfied.

*We have used your seeds for twenty years and have always been well satisfied. We have tried other seedsmen, but their seeds were not so sure as those which we buy from you.*

(MRS.) FRANCES ERGEN, St. Cloud, Minn.

### They Can't Be Beat.

*I have used your seeds for a number of years and for quality, purity and germination they can't be beat. No particular variety, but all are good.*

BERT FLATT, Glenville, Minn.

### Every Seed Came.

*One word about the Red Top seed we had from you, we cut the hay on the piece and it stood three feet high. The man that helped to make the hay said it was the biggest hay he ever pitched and we believe that every seed came; a good merit for your seed.*

F. P. OLMSTED, Enfield, Conn.

### The Best Stand.

*I used two bushels of your clover seed last Spring which made the best stand a man can see for miles around, so I want your seeds from now on.*

FRED STUCKY, Rice Lake, Wis.

# CLOVER SEED

A few years ago any man who would have suggested the sowing of Clover seed in the Northwest, or that the time would soon come when it would be a standard crop here, would have been pronounced visionary in the extreme.

A few years passed and Minnesota and Northern Wisconsin are not only producing the finest quality of Clover seed grown in the United States, but seed commanding the highest prices for the export trade.

Few were daring enough, ten years ago, to predict that the Dakotas would soon grow the tall Clovers, yet now they are an established success where the soil has become inoculated with the Clover bacillus. What is true of Minnesota and the Dakotas is equally true of all the other Northern states. Clover is a necessity on every farm and will add millions of dollars to the value of land and crops.

Looking to the future, no time should be lost in introducing the bacilli of the Red and Alfalfa Clovers. The use of nitro cultures may tend to hasten their establishment, but nature's way and the best way is to use a small quantity of seed, say a pound or two each of Red and Alfalfa Clover to the acre with whatever crop you are seeding. After a little you have the prized bacilli in your land, then you may safely call your farm doubled in value, from a producing standpoint. We call attention to the photograph on page 110 of the root system of a Red Clover plant grown in Minnesota to which are attached hundreds of nitrogen-gathering bacilli.

## Facts about Clover.

We call the attention of all interested in Clover seed, wherever they may be, to two facts of great importance. One of these statements is addressed to those who farm or who have land in the North, the other statement is for the consideration of those who farm or are interested in land in sections other than the North. Both statements lead up to one unassailable truth. **THE VITAL IMPORTANCE OF USING NORTHERN GROWN CLOVER SEED.**

The first statement is this: That through the use of Northern Grown seed, the Clovers may be established in sections where until recently it was not thought possible for them to survive. This is demonstrated by the accompanying illustration taken from a photograph sent us by one of our customers at Gilby, N. D. Gilby is only 60 miles from the Manitoba line. The result shown in this picture could not have been achieved by the use of Southern seed. What does the demonstrated success of Clover mean to the owner of the land? It means that its producing and its sale value is increased several fold. The other fact addressed to Clover growers in all parts of the United States, is the greater productiveness of Northern Grown Clover seed over seed produced elsewhere. In confirmation of this we could, did space permit, cite much proof but the facts below related should convince.

A short time ago we had a call from one of the most prominent seed dealers in Indiana, which is one of the largest Clover producing states. After talking generalities for a while, he said "I want to buy a carload or two of your Northern Grown Clover Seed." We told him we could not interest him as we did not have enough for our regular trade. He finally said "I must have it. I have some customers who will buy nothing else." And then he told us of experiments made by himself with a view of demonstrating that Indiana Clover and Timothy seed was as good as that produced anywhere. He said that several years ago he procured a small quantity each of the best Northern Grown Timothy and Clover seed; he sowed the seed side by side the same day with the best Indiana seed he could procure. The field on which the Northern Timothy seed was sown gave three times the yield of hay produced from land sown with the Indiana seed and the land sown with the Northern Grown Clover gave two and one-half times the tonnage as did the sowing of Indiana seed. He concluded by saying to us, "Gentlemen, if I were farming I would not use any but Northern seed if I could have other seed as a gift."

Still later we were visited by one of the largest New York seedsmen who said our seed was the finest he ever saw, that he must have some of it for certain trade and he made us so tempting an offer, such an extraordinary premium over even existing high values, that we let him have one large carload for which he paid us twelve thousand dollars.

All this means one thing. That while to many buyers the lowest price is the one consideration, that little by little the knowledge is spreading, that the best seed is the cheapest and that our **STERLING BRAND NORTHERN GROWN SEEDS** are the best.

### Worth Five Dollars More a Bushel.

Last spring I got a lot of seeds from your house; among others some of your Sterling Clover seed, which I compared with seed bought of the local merchant. I decided that the Sterling was worth at least five dollars more a bushel. B. N. CRANE, West Salem, Wis.



Clover Grown at Gilby, N. D. Such a growth was considered impossible in North Dakota a few years ago.



A Clover Field in Northern Minnesota Showing the First Year's Growth. Sown with a Nurse Crop of Barley. Up to the "Hubs" in Early August.

One other fact that is of equal importance is that you get what you think you are buying.

We wish to say to intending purchasers, that when you send us an order you get precisely what you ask for, and if we cannot supply, we so advise you.

In sending in his order for "Sterling" Brand Clover seed to plant several thousand acres, one of our customers in North Dakota who has a very large farm in the Red River Valley writes us, "My own feeling is, from what I have seen, that Clover is going to be one of the most important and successful, if not absolutely the most important crop, we raise here in the Red River Valley to maintain the fertility of farms." The last two or three years have demonstrated beyond a doubt that Clover can and shall be raised in North Dakota and Northern Minnesota.

## Prices of Clover.

Owing to the fact that a large and increasing proportion of the orders we receive for Grass and Clover seeds is for our Sterling Grades, and also that our knowledge that they are far more economical than the cheaper grades, we have decided to offer Sterling grades only in this catalog on most of the staple Grasses, Clovers and Millets; in every instance where we can procure seed of sufficiently high quality such as will with proper cleaning come up to this grade. Every year, however, there are some sorts which, owing to climatic conditions, are never produced of a quality sufficiently good, even with proper cleaning, to grade Sterling. In such instances we offer our customers the very finest grade that the season has produced.

Bear in mind that values on Grasses, Clovers and Millets fluctuate greatly, and that the prices named below are those prevailing at the time this catalog goes to press, January 1st, 1910.

It is always best to write for prices just at the time you are ready to place your orders. We will cheerfully submit for comparison samples of all grades, when desired. Those who buy our Sterling Brands are absolutely sure of the best seeds money can buy. They are to other grades what cream is to skimmed milk.

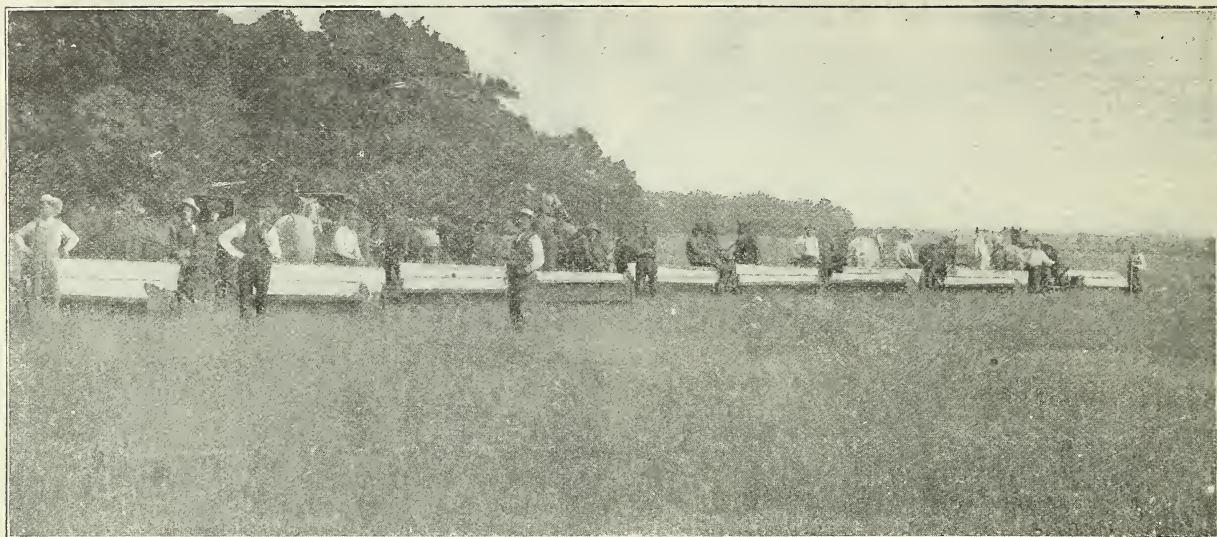
Remember that our Red Figure Price List is sent free on request, and that it will keep you posted on values of our Sterling Seeds as well as other grades. Regardless of scarcity or price, we hold and always will hold our Sterling grade at the highest level. No seed will go out under that name that is not of absolutely known quality.

Prices herewith are those in effect when this catalog goes to press and are subject to market fluctuations. If prices are higher or lower we will send seed to the value of money sent us; or if out of Sterling grade will send next best to the value of money remitted unless requested not to do so. When grass seed is to be sent by mail add 8c per lb. to pay postage.

		Pounds required		Price.
		per acre if	sown alone	Lb. Bu. 100 Lbs.
Red Medium.	Northrup, King & Co.'s STERLING	8	.21	11.20 18.60
Red Mammoth.	Northrup, King & Co.'s STERLING	8	.21	11.30 18.75
Alsike or Swedish.	Northrup, King & Co.'s STERLING	8	.20	10.60 17.60
Alsike mixed with Timothy.	Write for samples and prices.			
Alfalfa.	All varieties. See pages 112 and 113.			
White.	Northrup, King & Co.'s STERLING	7	.35	18.10 30.00
Scarlet or Crimson.		15	.15	7.90 13.00
Bokhara.		10	.25	.... 20.00
Sainfoin or Esparcette.		30	.15	.... 12.50

### Sterling is the Cheapest in the End.

Although your Sterling Brand Clover seed costs more money, than any other brand I have ever listed, I would have no other. For the past 10 years I have seen it and never failed to secure a stand. I could find no foul seeds in it. The time is here when the Clover area must be increased each year and farmers can do no better than to sow the Sterling Brand. It is the cheapest in the end. E. L. HOFFMAN, Janesville, Minn.



Blue Grass Strippers Gathering Kentucky Blue Grass Seed.

## CLOVER SEED

**Medium Red Clover.** This is regarded as the most valuable of the Clover family. It is sometimes called June Clover and is a dependable all-round variety for farmers and stockmen. It makes two crops each year. The first is usually cut when it is in blossom for hay; the last crop may be harvested for seed, cut for hay, or plowed under to add fertility to the soil. It may be sown either in the spring or fall, and if no other grasses are used, at the rate of from 8 to 12 pounds to the acre, according to quality of seed used and condition of the soil. Clover adds greatly to the fertility of the land on which it is grown. It does not exhaust the soil, but enriches it. It pays always to buy the best grade of Clover seed which can be obtained. Even though the first cost is twice as much as cheaper seed, it will be found in the long run that inferior seed is the most expensive, not only on account of their being less hay or seed produced from it, but from the fact that one's land becomes infested with weed seeds which decrease the value of the land on which they are growing. Our *Booklet on Clover* contains information of value to every farmer and stock raiser. It will be sent without charge, upon request.

We refer to the illustration on this page of a photograph of the root system of a single plant of Medium Red Clover grown in Minnesota. Not only does this show its strong growth, but well illustrates its value as a nitrogen-gathering plant. The small nodules or bacteria which cling to the rootlets possess the power to draw the nitrogen from the air and store it in the soil where it is most needed and where it can be drawn upon by subsequent crops. It is well to sow clover with every crop of hay. It serves to keep the ground free from weeds, restores fertility, and may be pastured in the fall, or will repay the grower even if put to no other use than to be plowed under as a green fertilizer. Sow Red Clover Seed and plenty of it.

For price, see preceding page or send for our Red Figure Price List, which will be mailed promptly on request.

**Mammoth Red Clover.** This is grown largely for pastures and to restore fertility to depleted soils. Being a rank grower, it is very valuable for fertilizing purposes. The foliage, flower and stem are darker in color than the Medium Red Clover. It ripens later, and makes only one crop. It is not so hardy as the Medium Red Clover. 8 pounds of Sterling grade seed is sufficient to sow an acre on good soil. For price see page 109.

**Alsike or Swedish Clover.** This is one of the hardiest varieties known. It is perennial and does not winter kill. It will do better on moist land than any other variety of Clover, and is suitable for either hay or pasture. When sown with other grasses, it forms a thick undergrowth and greatly increases the yield. It is frequently sown both with Medium Red Clover and with Timothy, and the quality of hay thus produced is excellent. It is finer and more leafy than Medium Red Clover, although it does not grow so high. It is very fine for honey bees, and cattle prefer it to other Clovers. For price see page 109.

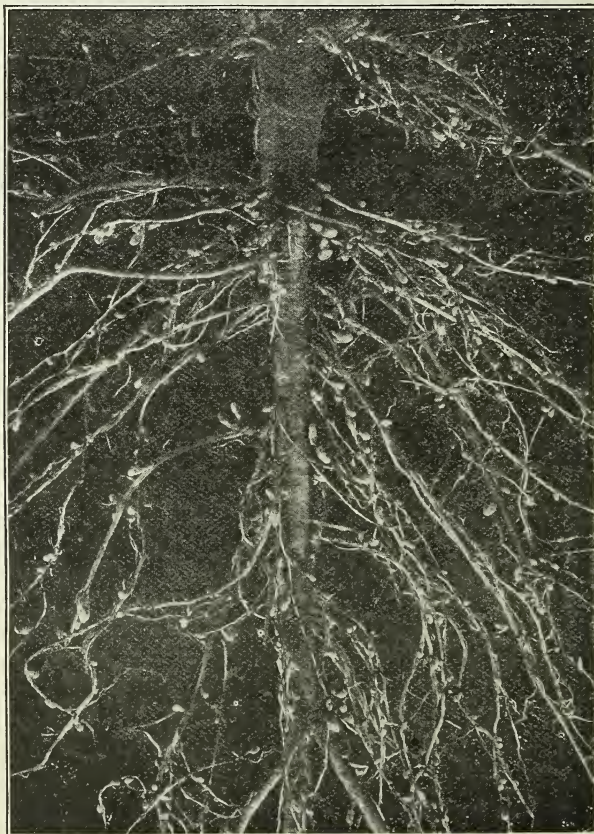
## Kentucky Blue Grass

This makes the best, sweetest pasture and most nutritious for all kinds of stock. Kentucky has long been famous for its high bred horses and its Blue Grass pastures. It is now possible to establish on most any farm a Blue Grass pasture of greenest verdure which will give very profitable returns. This grass is the first to start up in the spring and remains green until snow flies in the fall. It is very hardy and is uninjured by cold or dry weather, hot sun or tramping of hoofs. The roots are so thick and stout as to form a tough sod. Blue Grass requires about two years to get well started and for that reason it is often sown in mixture with other grasses. It will do well on almost any land. Sometimes called "June Grass." From 20 to 25 pounds of "Sterling" grade seed required to the acre when sown alone.

We wish to call particular attention to the cleanliness of our Blue Grass. As usually sold by most seedsmen, it weighs 19 to 20 lbs. to the measured bushel. Our seed is so thoroughly cleaned that a measured bushel weighs 29½ lbs. We sell Kentucky Blue Grass at the lawful weight of 14 lbs. to the bushel.

Northrup, King & Co.'s "Sterling" grade, lb., 20c; bu. of 14 lbs., \$2.60; 100 lbs., \$18.00.

**Alsike Clover Mixed with Timothy.** This combination makes one of the finest pastures and also a most excellent hay crop. Stock may be turned in and the plants will continue to grow as it is pastured down. The feed thus furnished is highly relished. The yield of hay is abundant and the quality is extra fine. Both plants are perennial and do not die out as in the case of the Red Clovers. We prepare, especially for this purpose this seed in several proportions and shall be pleased to mail samples and prices on application. The clover supplies nitrogen to the soil thus adding to the value of the land rather than taking from its fertility.



Root System of Red Clover Plant Grown in Minnesota Showing the Nitrogen Gathering Bacteria.



# GRASSES

The prices herein are based on values at time of going to press with this catalog. They are subject to market fluctuations.

**Timothy.** As a crop for hay, Timothy is probably unsurpassed by any other grass. It is greatly relished by all kinds of stock, especially horses. It yields more nutritive matter than any other grass or forage plant. It is not suited for a permanent pasture as it will in the course of a few years, run out. It is however well adapted to early spring grazing as it starts up quickly in the spring, and in favorable fall weather can be pastured in the autumn as well. The largest crops of hay are raised on rich land. It is not suited for light, sandy soil so well as some other grasses. The most important point in the growing of Timothy is the selection of good seed. Poor seed, besides containing weed seed will not all grow. That which does germinate is weak and produces few stalks and seed heads. Examine the photograph of a single plant of "Sterling" Timothy. Note its great seedling propensities and count if you can the great number of stalks. A field of such hay is worth many times more than Timothy produced from low grade or cheap seed. It ought not to take an intelligent farmer long to figure the wisdom of investing his time and money in reliable seed, and that means "Sterling" brand. Only ten pounds of this grade required to the acre when sown alone.

Northrup, King & Co.'s "Sterling" Timothy, lb., 10c; bu., \$2.70; 100 lbs., \$5.85.

**Red Top (Solid Seed.)** A valuable grass for moist, rich soils where it thrives very luxuriantly. It is a good variety to sow with Timothy and Clover for meadow or pasture and is more permanent than either of the other two. It should be fed close, as if it is allowed to grow up to seed, the cattle dislike it. On good soil it grows about two feet high; on poor gravelly land about half that height. It has been grown successfully even on alkali land where other grasses failed. Red Top is commonly known as Herd's Grass and should be more extensively grown, especially in combination with other grasses. Solid Seed Red Top is free from chaff and weighs 42 pounds to the bushel. Only ten pounds of "Sterling" grade required to the acre.

Northrup, King & Co.'s "Sterling" grade, lb., 25c; bu., \$7.00; 100 lbs., \$16.50.

**Canadian Blue Grass.** Resembles somewhat the Kentucky Blue Grass but is not of so good quality. It is grown very extensively in Canada and some parts of the United States. It will thrive, even on hard clay soils and having an extended root development forms a heavy turf. Grows from one to two feet high. Sow 30 lbs. of seed to the acre. Lb., 15c; bu. of 14 lbs., \$1.75; 100 lbs., \$12.00.

**Meadow Fescue or English Blue Grass.** Especially adapted for permanent pasture and is also fine for hay. Grows two to three feet high but not in tufts like Orchard Grass. The hay is very nutritious and cattle thrive on it whether dry or green. Succeeds even in poor soil, and as the roots penetrate deep, from 12 to 15 inches, it takes extremely dry weather to affect it. As a fertilizer it has valuable properties. It will stand freezing very effectually and its use is becoming more widespread each year. About 24 lbs. of seed is sown to the acre. Lb., 25c; bu. of 14 lbs., \$3.30; 100 lbs., \$33.00.

**Orchard Grass.** A valuable grass for pasture or hay land, and on account of its earliness is very well adapted for a permanent pasture. It furnishes the first green grass in the spring and until late in the fall. When closely cropped it grows up very quickly and is ready for grazing again in ten to twelve days. When grown for hay, more than one crop can be obtained in one season, and when only one crop is cut the aftergrowth is very heavy and gives splendid and rich pasture till late in the fall. It will stand drought and is hardy. It grows in tufts, and is therefore best sown with Red Clovers, rye grass, etc. It is well suited for shady places, such as orchards and groves. Grows on all kinds of land but does best on deep, rich sandy loam or clay soils. Sow 22 lbs. to the acre when alone or proportionately with other grasses. Northrup, King & Co.'s "Sterling" grade, lb., 25c; bu. of 14 lbs., \$2.50; 100 lbs., \$17.50.

### Best, Cleanest and Highest Quality.

*I have bought seeds of you for I think more than 15 years, and in justice ought to report how they have grown. I have no recollection of ever having had any that did not grow and prove free from foul seeds. They were just as recommended. Your grass seeds I think are the best, cleanest and highest quality I have ever handled. The Red Top seeds seem to be large and have a stout vigorous blade when they come up. It is singular how farmers neglect to buy good seeds and nearly lose their crops thinking to save a few cents in the cost of seeds. I have seen the past year fields where men had stocked to grass and but little else could be seen but pigweed. If I managed in this way I should expect to be a poor man.*

A. R. EMERSON, Atstead, N. H.

### Beautiful Beyond Description.

*It is with pleasure that I take this opportunity to express my sincere appreciation of your Sterling Seeds. I have planted your seeds for years and always found them equal to the merits claimed. This spring I ordered a lot of your Sterling Clover and Timothy, and I am both pleased and proud to report that it was the finest lot of Clover and Timothy seeds I have ever had the pleasure of feasting my eyes upon; simply beautiful beyond description. Now I have a stand of Clover and Timothy on my farm, which for even, strong, luxuriant growth, I am proud to state is the best that grows, and stands favorable comparison with any of its kind, no matter where. That is what it means to get pure seed of strong germination and the only way to get it is to send to Northrup, King & Co., and in return you will get the best seeds that grow.*

ALBERT ANDERSON, Oberg, Minn.

### Sure to get Pure, Clean Seed.

*Every year for the past 10 or 12 years I have been buying more or less seeds from Northrup, King & Co., especially Grass and Clover seeds, and when I buy the "Sterling" brand I am sure to get pure, clean seeds.*

H. H. STROM, Hillsboro, N. D.



A Single Plant Grown from One Seed of Northrup, King & Co.'s "Sterling" Timothy.

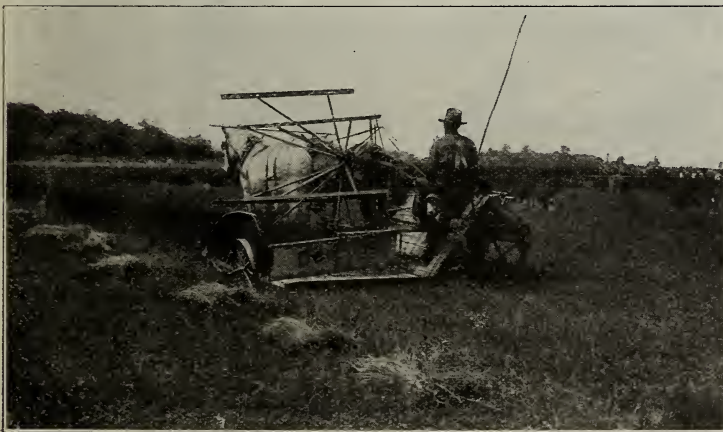
## Lawn Grass, Northrup, King & Co.'s "Sterling."

The best possible mixture to produce a beautiful, velvet, green lawn in the shortest time. On page 82 full description and price of this unequalled lawn seed will be found.

**Italian Rye Grass.** This is, like the Perennial Rye Grass, valuable for pasture and also for hay. It thrives on rich, moist land, where from three to four cuttings may be made in a season. It grows very quickly and will stand close pasturage. About 24 lbs. of seed required to the acre. Lb., 10c; bu. of 14 lbs., \$1.20; 100 lbs., \$8.00.

## English or Perennial Rye Grass.

This is becoming well known in this country as a valuable pasture grass which will bear frequent close cropping. Produces an abundance of foliage which remains bright and green during the season. The hay is relished by all kinds of stock. It will grow well on almost any land but does better on such land as will produce a good corn crop. Lb., 10c; bu. of 14 lbs., \$1.00; 100 lbs., \$6.45.



Harvesting Timothy for Seed in Minnesota.

# ALFALFA

See also Page 113

## FACTS ABOUT ALFALFA.

The U. S. Dept. of Agriculture says: "In addition to the hay crop, Alfalfa at two years adds \$100 to the value of every acre on which it grows."

"There is no state in the Union in which Alfalfa cannot be successfully grown."

Alfalfa produces from 3 to 7 tons hay to the acre.

It has as much protein as Wheat bran.

360 stalks have been grown from one seed.

It does not exhaust the soil, it enriches the soil.

It can be ground into meal to feed hogs and chickens.

It will grow 3 to 5 crops a year.

Alfalfa in money value is worth 45 per cent more than other Clovers and 60 per cent more than Timothy.

Ten milch cows can be fed on less than 2 acres by soiling. One acre will pasture 20 hogs for 6 months.

Three pounds a day makes a full feed for fattening lambs. Four to five pounds makes full feed for fattening aged sheep.

Thirty-five pounds makes full feed for fattening steers.

A lamb will winter and thrive on 3 pounds a day.

Sheep fed Alfalfa will gain from 8 to 15 pounds in 75 days and will double with small grain ration added.

Lambs wintered on Alfalfa will produce one to two pounds more of wool than when on the ranch.

Alfalfa is a fine poultry feed when cut fine and this is also a good way to feed it to hogs in winter.

Fed to dairy cows Alfalfa maintains the flow of milk equal to June Grass for nearly a whole year. It can be chopped fine with corn meal. Such a mixture is worth more a pound than the original corn meal.

Many interesting facts in addition to the above might be cited about Alfalfa. It would hardly be possible to say too much about Alfalfa, it is a working plant which is changing the destiny of many farming sections.

"Its long, branching roots penetrate far down, push and crowd the earth this way and that, and thus constitute a gigantic subsoiler. These become an immense magazine of fertility. As soon as cut, they begin to decay and liberate the vast reservoir of fertilizing matter below the plow, to be drawn upon by other crops for years to come."

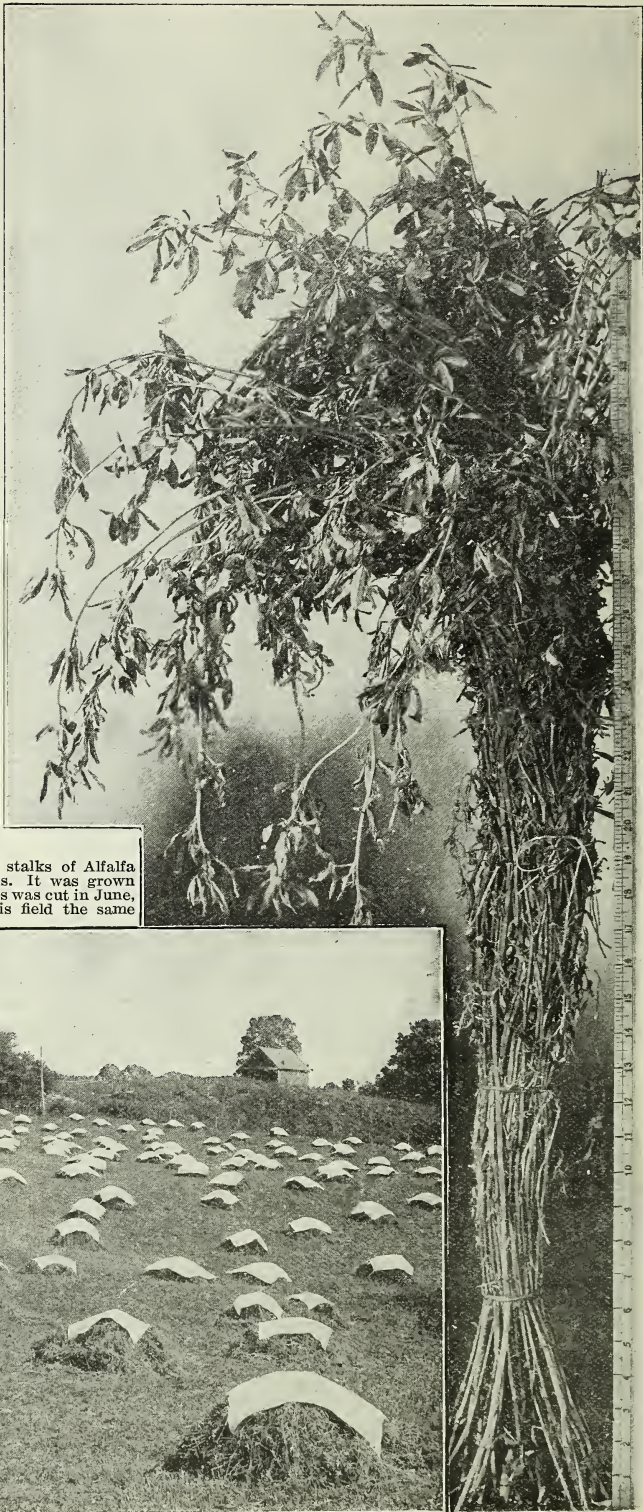
**CAUTION.** The discovery that Alfalfa can be grown where any other Clover will succeed and in many places where the other Clover will not succeed has brought about a great demand for seed. This has led to the wholesale adulteration of Alfalfa with Yellow Trefoil Clover. This seed closely resembles Alfalfa in shape and color and is very low in price, consequently Alfalfa seed can be, and commonly is, adulterated up to 50 or 60 per cent without its presence being detected except by those who are experts in such matters. Last year we lost a great deal of business from the fact that others were in many cases making prices in hundred pound lots for less than our seed was costing us in very large quantities. Those who have bought this mixed seed in the past will want to obtain the real Alfalfa. To such and all others who want to get what they order, we would say our Alfalfa is **unmixed** seed and we send to our customers just the grade they order, always recommending of course, our **Sterling** grades as being the best.

For explanation of grades see page 107.

## WHAT THE CAMERA SHOWS.

The engraving at the right is reproduced from a photograph of a few stalks of Alfalfa grown on the farm of Mr. C. H. Gangelhoff, a few miles west of Minneapolis. It was grown from seed furnished by us. The first crop, as illustrated, averaging 45 inches was cut in June, eleven months after seeding. Two additional cuttings were made from this field the same season. See page 113.

**Alfalfa Booklet.** This booklet is sent to our customers without charge if asked for on orders. It contains information of importance to Alfalfa growers everywhere but is of special value to those farming in the Northwest where conditions are so different than in the South or where Alfalfa is grown under irrigation.



Third Cutting of Alfalfa Grown Near Minneapolis.



Cutting Bromus Inermis for Hay and for Seed.

## ALFALFA

See also page 112.

### Northrup, King & Co.'s Sterling Alfalfa.

For this grade we obtain the plumpest and finest colored seed which grows. While we believe that the Montana grown Alfalfa seed is the best adapted for most sections of the Northwest, there are some localities where this Alfalfa will produce better results. This seed was selected from the best seed produced. We will be glad to send a sample to anyone about to purchase. When writing for sample, state quantity of seed you wish to buy. 20 pounds is sufficient for one acre. The demand for Alfalfa seed increases from year to year, and for several seasons our supply of Sterling grade has been insufficient to meet the demand. Prices named are those in effect as this catalog goes to press. Our Red Figure Price List gives values from time to time during the season; also gives prices on lower grades. Price, lb., postpaid, 40c; by express or freight at purchaser's expense, lb., 30c; bu., \$14.20; 100 lbs., \$23.50. Bags free.

**Montana Alfalfa.** Montana is producing a very fine grade of Alfalfa. The seed is usually exceptionally hardy and of high germination. Montana grown Alfalfa is exceptionally hardy and we prefer it to seed from any other place. Our seed is obtained in those sections where plants have endured the extreme cold of winter and thrive at high altitudes. Our experience of several seasons has demonstrated the superiority of this seed under adverse climatic conditions throughout the entire Northwest. We have been able to secure several cars of exceedingly bright seed, from which orders will be filled until the stock is exhausted. We offer here our Sterling Grade only. Values on lower grades will be found on our Red Figure Price List, which will be mailed on request. Northrup, King & Co.'s Sterling Montana Alfalfa, lb., 40c, postpaid; by express or freight at purchaser's expense, bu., \$14.20; 100 lbs., \$23.50. Bags free.

**Dry Land Alfalfa.** The extension of Alfalfa growing into the regions of limited rainfall has created a demand for Alfalfa seed especially adapted to those conditions. Seed which has been produced from Alfalfa grown on dry land and without irrigation is of course much preferable for dry land culture to seed produced under irrigation or normal rainfall. It is not always possible to obtain seed grown under these conditions, but we have succeeded in purchasing a limited amount of fine seed which is offered only until our stock is exhausted.

In case we do not have Dry Land Alfalfa when your order is received, we suggest that you state on your order as to what variety we may substitute in its place to the value of the money you send us; or, in the absence of these instructions, we will promptly refund your money if we do not have what is wanted. We never substitute without the consent of the purchaser. Lb., 40c, postpaid; by express or freight at purchaser's expense, lb., 30c; bu., of 60 lbs., \$15.10; 100 lbs., \$25.00. Bags free.

**Turkestan Alfalfa.** Seed of this Alfalfa collected in Asia by Prof. N. E. Hansen of the South Dakota Experiment Station was sent out several years ago by the United States Department of Agriculture. The results have been so very satisfactory that we have no hesitancy in recommending it as one of the hardiest and best varieties. We warrant our seed to be the genuine Turkestan, grown in Asia, and to be free from Dodder or Yellow Trefoil. Price, lb., postpaid, 35c; by express or freight, lb., 25c; bu., \$12.70; 100 lbs., \$21.00. Bags free.

**Grimm or Everlasting Alfalfa.** Many years ago a man named Grimm came from Germany and settled near Minneapolis.

He brought with him seed of an Alfalfa, which according to a neighborhood statement, he called Norwegian Alfalfa. It became known, however, as Grimm's Alfalfa and obtained a more than local reputation on account of its productiveness and extra hardiness, for it survived winters that killed out many fields of other varieties of Alfalfa. For this reason there arose a large demand for the seed, but unfortunately this variety seeded so sparsely that for years there has been little, we might almost say no seed saved in Minnesota. This, however, did not interfere with the enterprise of certain local vendors, who offered and sold the seed, without regard to whether any had been raised or not, as from the appearance of the seed the Grimm Alfalfa cannot be distinguished from other Alfalfas. In other words, we think it is not too much to say that 1,000 pounds of Minnesota grown Grimm Alfalfa has been sold for every pound that has ever been grown in the State.

The fact is that this Alfalfa, while very desirable and very hardy, cannot be relied upon to seed in Minnesota and for this reason we have never offered and never sold it, although we have received many orders for it and invariably, as our customers know, we have returned all money received for it, because we could not supply the genuine article.

We are now able to offer a limited amount of best grade Grimm Alfalfa, grown in Montana, where it seeds much more reliably and much more freely than in Minnesota. We offer it at the following prices, as long as unsold: lb., 45c, postpaid; by express or freight at purchaser's expense, lb., 35c; bu., \$18.10; 100 lbs., \$30.00.

## BROMUS INERMIS

Drought defying, frost resisting. Yields enormous crops of splendid hay and affords early and abundant pasturage. It adapts itself to almost every condition of soil and climate and to any use to which grass may be put, equaling in quality and rivaling in yield almost any other grass. The roots push through the soil and form fresh plants on every side. It starts from two to three weeks earlier in the spring than native prairie grass and it keeps green in the autumn longer than any of the useful grasses grown in the West. No amount of cold seems to be able to kill it. It bears up well under hot summer suns. It will grow under conditions that are very dry, and it can also stand being covered with water, not deep of course, for one or two weeks in the early spring. It is an abundant producer of leaves and is much relished as pasture and hay. It is about equally nutritious with timothy. To the country west of the Minnesota border it is probably the greatest boon that has come to it since buffalo grass began to grow. The worth of this grass to the Dakotas and Minnesota is beyond all estimate.

This grass may be sown at any time of the year when the ground is bare, but the best season is in the spring, and with or without a nurse crop. If sown with a nurse crop that crop should be sown thinly. 15 pounds of good Bromus Inermis an acre is sufficient. It grows slowly for a time, hence the farmer should not be hasty in concluding that he has failed to get a stand of the grass. Our Sterling grade of this magnificent grass is unequalled for purity and high germination and less seed of it is required to the acre than of any other grade. From good seed good crops grow. We offer Sterling Bromus Inermis, in sealed bags, 35c a pound, postpaid; by express or freight, lb., 25c; 100 lbs., \$12.00. Bags free.

## BROMUS ERECTUS

This valuable grass closely resembles Bromus Inermis, but unlike that grass, is suited for poor, light soils. It resists to a remarkable extent, intense heat and disappears where permanent moisture of the soil is a feature. Shade will also kill it off, but frost does not seem to effect it. While no grass can be recommended for sandy soils of hopelessly drifting character, Bromus Erectus thrives extremely well on so poor soil that other grasses cannot exist. On poor thin soils it is extremely hardy, and remains for many years, affording large yields of hay and excellent pasturage. As high as 4½ tons to the acre have been reported. Twenty pounds of seed will sow an acre. By mail, postpaid, lb., 30c; by express or freight at purchaser's expense, lb., 20c; 100 lbs., \$16.00. Bags free.

## WESTERN RYE GRASS

(Agropyrum Tenuum.)

Western Rye Grass (sometimes called Slender Wheat Grass) is the famous bunch grass of the Canadian Northwest.

It affords excellent pasturage and provides large quantities of hay, but if wanted for hay, should be cut early, as it is relished better by stock. It thrives on all soils, but is peculiarly adapted for prairie soils. It gives good returns on land quite strongly impregnated with alkali and fits it so that grain may be grown successfully.

The seed being quite heavy, it may be sown with any ordinary grain seeder. When sown alone, as is the common practice, the seed should be put in from 1 to 3 inches deep according to soil and season, 15 pounds to the acre. If with Bromus Inermis, 7½ lbs. of each. Price lb., postpaid, 25c; by freight or express, lb., 15c; 100 lbs. @ 12c. Bags free.

## THE VALUABLE PROPERTIES OF WESTERN RYE GRASS.

Will thrive on any soil. Does well on alkali lands. Prepares alkali soil for grains. Affords excellent pasturage. Makes good hay. Resists drought and cold. Is easily grown. Is easily sown. Is easily handled. Is more nutritious than Timothy. One plowing will kill it. Note what Mr. Smith has to say.

The Best Grass for Nebraska.

Your Western Rye Grass is the best permanent grass for this locality. It stools so it will kill out any other grass. I planted one packet three years ago and today it covers an acre. J. W. SMITH, Cedar Bluffs, Neb.

Montana Grown Seed is Superior.

We have strains of Alfalfa procured from 14 different sources which have been tested for four years on our farm. While we have not published anything, I may say that we find Montana grown seed to be decidedly superior in its ability to withstand the cold and in its yield of hay than any of the other strains. ALFRED ATKINSON, Agronomist.

Montana Experiment Station, Bozeman, Mont.

O. K. for this Climate.

Your Dry Land Alfalfa is O. K. for this climate.

EMIL SEABLOM, McCullough, N. D.



First Cutting of Northrup, King & Co.'s Combination Grass and Clover Mixture.

# PERMANENT MEADOW AND PASTURE MIXTURES

## Notice.

We ask purchaser's to observe that we are able to offer the following mixtures at the very low figures, only from the fact that we make up large quantities before the commencement of the season, therefore nothing can be taken out. In all these mixtures we are this year introducing small quantities of Alfalfa Clover with the idea of inoculating the land with the Alfalfa bacillus. Alfalfa revolutionizes farming but the bacillus must be established before the revolution can occur. We cannot afford to add anything to these mixtures on account of the slight margin upon which we have figured. We shall be glad, however, to make estimates upon any special mixtures desired by our patrons. Our recommendation for quantity to the acre is fixed on the basis of good, fair seeding. The quantity can, of course, be spread over more or less ground as the case may demand. 25 lbs. supplied at the 100 lb. rate.

These are mixtures we can "stand by." We can make up lower priced mixtures if desired. Don't let the price stand in the way of your getting a good article. It is the cheap "fake" grass mixtures that have brought discredit on grass and clover mixtures in this country.

## Northrup, King & Co.'s Combination Grass and Clover Mixture.

**For Both Hay and Permanent Pasture.**  
(Sold only in sealed bags.) It affords enormous crops of hay of the finest quality and highest feeding value, and after same is cut, continuous and abundant pasturage of the richest and most nutritious character until winter sets in. It will stand for years and may be used either for pasturage exclusively or hay and pasturage, as varying conditions may suggest.

We stake our reputation on this mixture, not only as to the purity and germination of the seeds used, but as to the satisfaction it will give to those who purchase.  
Owing to the deep rooting and spreading character of many of the varieties employed, fields sown with this mixture, will, during periods of drought, look fresh and green while other meadows and pastures are dry and burned.  
Price, 100 lbs., \$14.00. Bags free. 25 lbs. supplied at the 100 lb. rate.  
Quantity—We recommend at least 40 lbs. to the acre.

### MIXTURES FOR PERMANENT MEADOWS.

	Lbs. an acre.	100 lbs.
No. 1. For dry and high grounds, light soil.....	40	\$14.20
No. 2. For dry and high grounds, strong soils.....	30	13.25
No. 3. For moist grounds and rich soils.....	25	14.10
No. 4. For moist grounds occasionally overflowed.....	20	12.70
No. 5. For orchards and shaded places.....	30	15.00

## SAMPLE LETTERS FROM USERS OF OUR GRASS MIXTURES.

### Awarded a \$150.00 Prize.

*I believe I owe to Northrup, King & Co. the awarding of the \$150.00 prize in this district, given by James J. Hill for the best managed farm in the Dakotas and Minnesota in 1906. The deciding point in Prof. Shaw's mind, the judge who passed upon the merits of each farm, was the fine pasture on this farm. There were a number of farms entered in the competition with finer buildings and better stocked and fenced, but in the six years which I had been here I had used nothing but Northrup, King & Co.'s seed, and had just put in a permanent pasture the spring before the judges came. In the fall each of the eight kinds of seed showed a luxuriant growth and were*

### MIXTURES FOR PERMANENT PASTURES.

	Lbs. an acre.	100 lbs.
No. 10. For high and dry grounds, light soils.....	40	\$13.50
No. 11. For high and dry grounds, heavy or clay soils.....	30	13.25
No. 12. For moist grounds and rich soil.....	25	13.75
No. 13. For top seeding to improve pasturage on low, rich ground or marshes.....	20	12.25
No. 14. For orchards and shaded places.....	30	14.30
No. 15. Especially for prairie conditions.....	20	12.00

## Northrup, King & Co.'s Brush Pasture Mixture.

The Twentieth century farmer and stockman does not dig grubs and stumps from brush lands, the expense of muscle and money is too great to warrant the cost. After the wood from such lands has been cut and sold, he seeds the field to tame grasses and Clovers which soon take possession of the soil, when it is pastured with sheep, horses and other stock. During the time of pasturing the roots and stumps will decay and thus the brush lands are made profitable from the beginning at very low cost.

Northrup, King & Co.'s Brush Pasture Mixture contains a variety of seeds such as Blue Grass, Red Top, Alsike, Red and Alfalfa Clover, etc., which will thrive on cut-over lands. The introduction of a small quantity of Alfalfa Clover in this mixture is a particularly good feature as it establishes the Alfalfa bacillus in the soil, preparing it as Alfalfa land when it is ready for cropping. Indeed, we are now putting small quantities of Alfalfa in all our Farm Grass Mixtures, with this purpose in view. It is the approved way of establishing the Alfalfa bacillus. This is a valuable and practical addition to our list of mixed grasses. If there is considerable brush on the land cut in July or August. Then sow the seed as freely as seems desirable. It may be mentioned that brush cut at that time rarely grows again. Price 100 lbs., \$9.00. Bags free.

## Bottom Land Grass Seed Mixture.

Since the advent of county ditches, drainage canals and government projects for the reclaiming of thousands of acres of swamp land throughout our country, there has been a great demand for a grass seed mixture which will thrive on this class of soil. We recommend this mixture with full assurance that it will give satisfaction. Our trials have demonstrated this beyond a doubt. There is no grass which will grow in standing water, but on moist bottom lands good results will be obtained. Note the very low price, 100 lbs., \$6.35. Bags free.

*easily identified in the stubble. As I expected my seeds to return to me a thousand fold I thought it folly to stop at first cost in obtaining the best.*  
G. F. MOORE, Inwood Stock Farm, Worthington, Minn.

**Four and a Half Tons an Acre.**  
*I shall send to you another order for Meadow and Permanent Pasture Mixtures such as I got two years ago. I cut this year from my meadow four and a half tons an acre. It was the best hay raised in this country and was admired by all who saw it. I had a small piece of Clover which was the best I ever saw. I can't speak too highly of your seed.*  
W. D. DEEBEE, Mildoon, Idaho.

# MILLET

All Prices Subject to Market Changes.

## German Millet.

(True Southern Seed.) In the North Millet is sown almost altogether for hay, and for that purpose Southern grown seed is much the best. It grows taller than does that from Northern seed, and that means more hay. It is finer than that from Northern seed, and that means better hay. In fact, it is our judgment, based on an experience of many years, that a farmer had better, from the standpoint of profit alone, pay \$2.00 a bushel for true Southern grown German Millet than to sow the best Northern Millet as a gift. Millet seed produced in the North, even from Southern seed, becomes what we call Common Millet. Not only does the plant change in character, becoming coarser and much more dwarf, but the seed itself shows a change, and is readily distinguished by those experienced in handling it. We are led to make this explanation from the fact that several houses in the Northwest make a practice of sending out this Common Millet for German. Common Millet being always cheaper, the house offering true German Millet is at a disadvantage.

We wish to say that any Millet seed offered and shipped by us as German Millet is true Southern Grown Seed, and that only. German Millet is very sweet, palatable, and when fed to dairy cows produces a large amount of milk. On good rich soil it grows four to five feet high. It is very tender if cut at the right stage, which is when it is in full bloom. About three-fourths of a bushel of seed is sown to each acre. A good yield is from three to five tons of hay to the acre.

Price, Northrup, King & Co.'s "Sterling" Brand German Millet (sold only in sealed bags),  $\frac{1}{4}$  bu., 70c; bu., \$2.10, bags free.

For prices on Lower Grades send for our Red Figure Price List.

## Common or Northern Millet.

Common Millet does not yield so much hay nor so good hay as the German (Southern Seed). It is usually much cheaper than true German. Grows usually from two and one-half to four feet high and makes excellent hay. Sow about three-fourths of a bushel to the acre. We have in store this season an especially fine lot of Common Millet which is as nearly perfect in quality as Northern Millet can be. This we are offering under our Sterling Brand at the following prices;  $\frac{1}{4}$  bu., 65c; bu., \$2.00; bags free.

### Were A No. 1.

The Millet and Potatoes we purchased of you were A No. 1, and your garden seeds proved to be the best. **ANDREW JULIUS,** Germania, Iowa.



A Field of German Millet. This Field was Grown from True Southern Grown Seed. Note the Heavy Growth.



## Hungarian.

(Dark Seed.) Often called Hungarian Grass. Many regard this as being better even than German Millet as it is about one week earlier and requires less moisture. The hay is fine and of excellent feeding value.

It is especially valuable on account of its requiring such a short season to make a fine crop of most excellent hay. For this reason it is much used as a catch crop. It can be sown as late as the 4th of July with good results in ordinary seasons. It is much used for following such crops as early potatoes and barley for a crop of hay thus giving two crops on the same land in one year. Hungarian Millet does not grow so coarse as some other varieties, but still yields quite heavily, from two to four tons of hay to the acre being an ordinary crop. Hay is quite leafy, of very fine quality. Price, Northrup, King & Co.'s "Sterling" Brand Hungarian (sold only in sealed bags),  $\frac{1}{4}$  bu., 70c; bu., \$2.10, bags free.



## Siberian Millet.

A new variety from Russia, earlier than either German Millet or Hungarian, and consequently very valuable for the North and yields remarkably. It is extremely hardy, withstanding drought wonderfully and is about two weeks earlier than the German Millet. The leaves are very tender, making it excellent for hay. The South Dakota Experiment Station pronounces it "the most promising variety yet tested." The plant stools to a remarkable degree, as many as thirty to forty stalks have been grown from one seed, and is not subject to rust. Price, Northrup, King & Co.'s Sterling Brand Siberian Millet, (sold only in sealed bags),  $\frac{1}{4}$  bu., 70c; bu., \$2.10; bags free.

## Kursk Millet.

This variety was first introduced into the United States from Kursk, Russia in 1898. Extensive experiments were conducted at both the South Dakota trial stations which demonstrated the superiority of this new variety. As both a hay and seed producer it ranks very high. In dry seasons the weight and quality of the hay have been far ahead of German or Hungarian Millet. In favorable years the difference has not been so great but the results have always been in favor of Kursk Millet. In a moist soil and under favorable conditions the German Millet usually gives a little larger yield. We have a fine supply of this seed.  $\frac{1}{4}$  bu., 70c; bushel of 48 lbs., \$2.10. Bags free.

## Japanese Millet.

Improperly called "Billion Dollar Grass." Entirely distinct from all other Millets. It grows from 6 to 9 feet high, stands up remarkably and yields enormous crops. When cured it makes good hay and in quality is superior to corn fodder. It is relished by all kinds of stock. It may be sown broadcast at the rate of 15 lbs. an acre, but it is better to sow in drills 12 to 18 inches apart, using 10 to 12 lbs. to the acre. Cultivate until the plant is 18 inches high, when its rapid growth will smother all weeds. It does best on low moist ground. Price, lb., 20c, postpaid. By express or freight, 10 lbs., at 6 $\frac{1}{2}$ c; 50 lbs., at 5c; 100 lbs., at 4 $\frac{1}{2}$ c. Bags free.

## Hog or Broom Corn Millet.

This is grown for the same purpose for which other Millets are sown, but makes inferior hay unless cut very young. It, however, yields enormously of seed, even 60 to 70 bushels to the acre, and this seed is very advantageously used for fattening swine and other stock, and is of special value for this purpose in sections where corn cannot be safely or cheaply grown. Seed also makes very fine feed for poultry and young chicks. It is very similar to the Early Fortune Millet, except that the seed is yellowish-white in color. It will mature in about two months from sowing the seed. Price, Fancy Re-cleaned Hog or Broom Corn Millet,  $\frac{1}{4}$  bu., 50c; bu., \$1.50. Bags free.

## Black Veronezh Broom Corn Millet.

This Millet is sometimes called Black Hog Millet. It is grown for its seed and in the drier regions of the Northwest gives excellent returns. It should not be sown on moist land where it has to fight a large number of weeds. It is not a weed destroyer. On dry land either on new breaking or old ground it yields from 20 to 50 bushels per acre of very valuable grain.  $\frac{1}{4}$  bu., 55c; bushel of 48 lbs., \$1.75. Bags free.

## Early Fortune Millet.

A most promising new variety, of which astonishing yields are reported. It is very early, and is claimed to be rust proof, and that chinch bugs will not eat the plant. The seed is very beautiful and distinguished in appearance and is of a beautiful red color. The seed is two or three times the size of German Millet. This variety heads in from 25 to 35 days. It gives a large yield both of seed and fodder. It can be fed to horses and other stock without injury, even when cut so late that the seed has formed. Price, Fancy Re-cleaned Early Fortune Millet,  $\frac{1}{4}$  bu., 50c; bu., \$1.50. Bags free.

### Three Tons to the Acre.

We find your seeds to be as represented in every respect. Your Siberian Millet is very fine for hay. We raised three tons to the acre in eighty days. It was so early this year that we had it cut and stacked before threshing.

C. BLOCHER, Bordulac, N. D.

### Very Good Success.

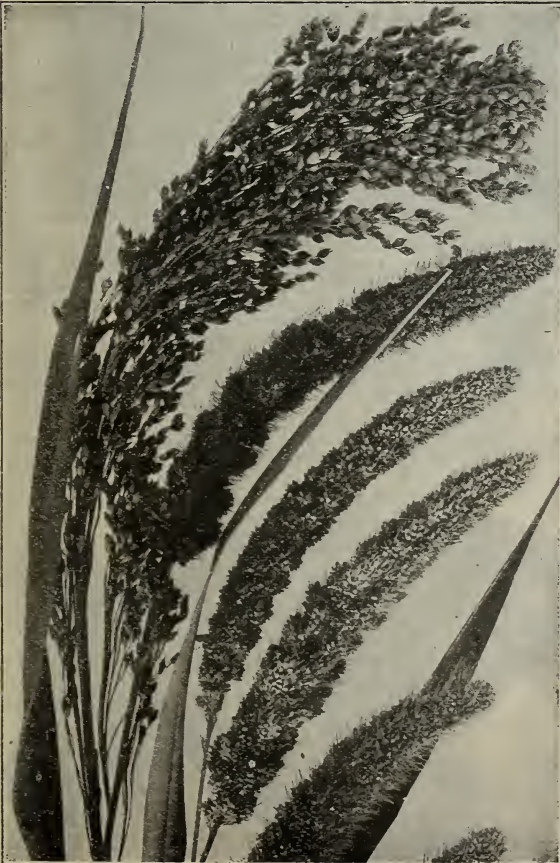
I have used your seeds, both garden and field, for the past twelve years with good results. I had very good success with your Siberian Millet.

M. DIKEMANN, Dakota, Minn.

### Never Had Anything So Good.

I was well pleased with your seeds, especially the Siberian Millet. I never had anything so good.

JORGEX PEDERSON, Wabash, S. D.



Black Veronezh and Kursk Millet Seed Heads.

# ASPARAGUS

We supply both seeds and roots.

By far the most satisfactory way to obtain an Asparagus bed, is to set out the roots. It takes 3 years to secure a bed from seed, but with large two year old roots such as we supply, a bearing bed may be had in one year.

We send Asparagus Roots only by express at purchaser's expense. In this way we can and do warrant their arrival in good growing condition. For Asparagus seed see page 1.

**Palmetto.** Mammoth in size, even and regular in growth and appearance. Usually ready for market before other varieties. Large two year old roots, 100, 75c; 1000, \$5.00.

**Conover's Colossal.** A standard sort, color deep green, quality first-class, spreads less than other sorts. Yields from 15 to 30 sprouts from a single plant. Large two year old roots, 100, 75c; 1000, \$5.00.

**Columbian Mammoth White.** Gives immense yield of clear white roots. A most distinct and valuable variety. The shoots remain white without earthing or artificial blanching as long as fit for use. Two year old roots, 100, 80c; 1000, \$6.00.

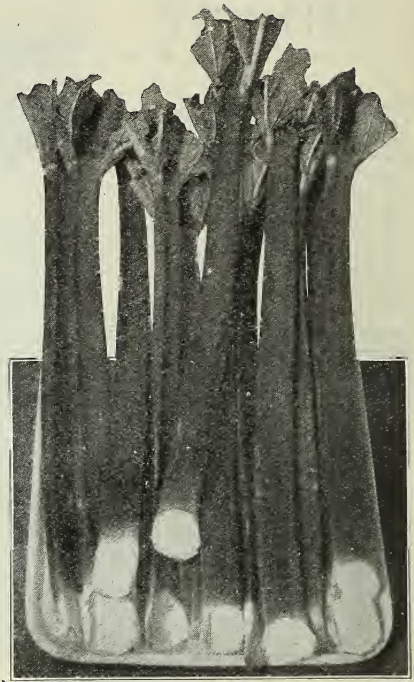
For Asparagus Roots in large quantities write us for special prices. We can supply them at very low figures.

## Rhubarb Roots

**Monarch Rhubarb.** The most vigorous and productive variety known. The leaf stalks are very numerous, the longer ones being from 15 to 20 inches in length, and fully one and a half inches wide. The whole plant is nearly 5½ feet in diameter, while the leaves, exclusive of the flower stalks, are about 2½ feet in height. Rhubarb is very highly esteemed for use in pies, tarts, jelly and marmalade and large quantities are sold in all markets every year. It is the first article of the season from the garden, and no private garden should be without it. For Rhubarb seed see page 38.

**Monarch.** By mail postpaid, each, 20c; doz., \$2.00.

**Victoria.** By mail postpaid, each, 20c; doz., \$2.00. Extra large clumps of either variety each, 25c; dozen, \$2.00, will be sent by express only at purchaser's expense.



Monarch Rhubarb.

## ARTICHOKE ROOTS

Most valuable food for hogs that can be grown. Every hog raiser should plant them. After one acre is planted their value will be so appreciated that larger areas will be devoted to them. They are not only very healthful, but as a fattening agent are unexcelled. They yield very heavily, 200 to 350 bushels to the acre being realized on good soil. It is not necessary to dig them for if given an opportunity the hogs will help themselves.

Not only are they valuable for hogs, but are an excellent food for cattle, sheep and horses. Fed to milch cows, they are for the production of milk equal if not superior to bran.

Artichokes need planting but once and little or no culture after the first year. Cut as potatoes, only smaller; plant in rows three and one-half feet apart. Plow deep, plant shallow, say two inches. The second year, break up the ground as for corn; they will come up thickly all over the surface. Run through each way with a cultivator when a few inches high.

Our supply of artichoke roots has been exhausted every season long before our orders could be filled. We have obtained this year a much larger quantity, but feel that this will be insufficient to meet the demand. Those wishing to purchase should place orders very early, to be shipped as soon as favorable weather arrives. By freight or express at purchaser's expense. ¼ bu., 75c; bu., \$2.50; 3 bus., sufficient for one acre, \$7.00.

**You Do Not Exaggerate.**

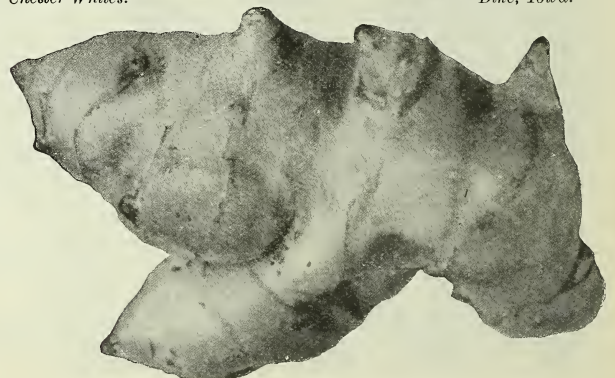
*I have bought my seeds for my garden and farm, nearly all varieties, from you for the past eight years. They have all proved good and true to name. One thing I must say, and that is that you do not exaggerate in any of the descriptions given in your catalog.*

HARRY HART, Kenmare, N. D.

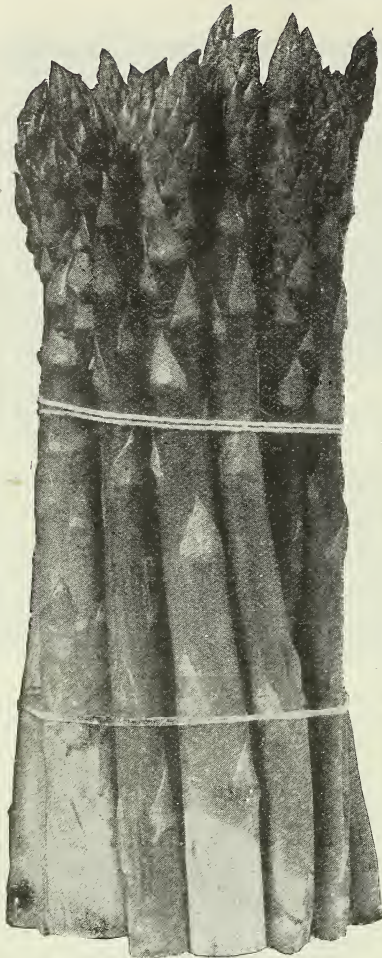
**Well Pleased.**

*You are certainly a straight, honorable firm with which to do business. I am very well pleased with the way in which you have treated me.*

W. F. HEMMERLING, Proprietor Model Herd of Improved Chester Whites. Dike, Iowa.



Artichoke Root. Fine for Hogs.



Asparagus.

## VEGETABLE PLANTS

All of our Vegetable Plants are grown from carefully transplanted stock and must not be confused with the regular bed plants, which will endure less shipping and will not produce as strong, healthy plants as the transplanted stock.

Packing charges are included in the prices given, except as noted, but purchaser must pay transportation in every instance. Plants of all kinds should invariably be sent by express, as they will arrive at destination in less time than if sent by freight and will also be given better care and attention in transit. On all orders for Vegetable Plants amounting to less than \$1.00 add 15c to cover packing charges.

**Cabbage, Early.** Ready by April 15th. Washington Wakefield and Early Summer. 1000, \$6.00; 100, 85c; doz., 20c.

**Cabbage, Late.** Ready by June 1st. Holland and Northrup, King & Co.'s Selected Late Flat Dutch. 1000, \$3.00; 100, 75c; doz., 20c.

**Cauliflower, Early.** Ready by April 20th. Snowball and Northrup, King & Co.'s Model. 1000, \$6.00; 100, 85c; doz., 25c.

**Cauliflower, Second Early.** Ready by May 1st. Snowball and Northrup, King & Co.'s Model. 1000, \$5.00; 100, 75c; doz., 25c.

**Celery, Early.** Ready in June. White Plume and Golden Self Blanching. Northrup, King & Co.'s Private Stock. 1000, \$5.00; 100, 85c; doz., 25c.

**Celery, Late.** Ready in June. White Plume and Golden Self Blanching. Northrup, King & Co.'s Private Stock. 1000, \$3.00; 100, 50c; doz., 15c.

**Chives.** Ready April 25th. 100, \$1.25; doz., 25c.

**Egg Plant.** Ready May 10th. Northrup, King & Co.'s Improved New York Spineless. 100, \$4.50; doz., 80c.

**Ground Cherry.** Ready May 1st. Golden Husk. Doz., 25c.

**Mint Roots.** Ready by May 1st. 1000, \$10.00; 100, \$1.50; doz., 25c.

**Pepper.** Ready by May 1st. Sweet Spanish, Ruby King and Rex. 100, \$2.00; doz., 35c.

**Sweet Potato.** Ready by May 20th. 1000, \$7.50; 100, \$1.00; doz., 25c.

**Tomato, Early.** Ready May 1st. Sterling, Early Minnesota, Earliana. These plants are extra fine, transplanted stock about 12 inches in height. 1000, \$7.00; 100, \$1.75; doz., 25c.

**Tomato, Late.** Ready May 1st. Dwarf Champion, Beauty, Livingston's Globe. These plants are equal to the above, being fine, transplanted stock from 9 to 12 inches high. 1000, \$6.00; 100, \$1.75; doz., 25c.

# Northrup, King & Co.'s Celebrated Mastodon Carrot

For Stock

Sold only in Sealed Packages.



If you are a farmer we want to urge just one thing on you. It is this—try our Mastodon Carrot. There may be room for difference of opinion regarding many varieties of seeds, but there cannot be room for difference of opinion as to which is the best stock carrot.

Northrup, King & Co.'s Mastodon Carrot is not, properly speaking, a table carrot, although the flesh is remarkably firm and sweet. It is not a carrot for the market gardener, but it is emphatically the carrot for the farmer, and once used, nothing else will take its place.

Northrup, King & Co.'s Mastodon Carrot is the heaviest cropping carrot grown, yielding more tons to the acre than any other sort. The flesh is white, crisp and solid and very sweet in flavor. It is vast improvement on the white and green Belgian sorts which have been favorites in the past, as it is not only much more productive but vastly easier to handle. The roots are short and very heavy at the shoulder, rendering them easily harvested. An important feature, also, is that they do not easily break in pulling or sorting. Too much can scarcely be said of their size and great productiveness. The roots frequently measure 15 to 20 inches in circumference, and 18 to 40 tons to the acre is not an extravagant statement as to yield. Large pkt., 10c; ¼ lb., 30c; ½ lb., 50c; 1 lb., 90c; 5 lbs., \$3.75, by mail postpaid.



**18 bu. Mastodon Carrots Raised from a 10 cent Package of Seed by F. F. Farrar, White Bear, Minn.**

**18 Bu. for 10 Cents.**

*I send you a picture showing 18 bushels of your Mastodon Carrots raised from a 10 cent package of seed. Many of the roots weigh over 4 pounds.*

F. F. FARRAR, White Bear, Minn.

**Thought You Were Fooling.**

*I bought some of your Mastodon Carrots last year thinking that you were fooling when you said in your catalog that they would weigh 5 lbs., but I was surprised to pull one up which weighed 7 lbs. 3 oz.*

CARL ANDERSON, Rutledge, Minn.

**92 Bushels for 25 Cents.**

*Last year we raised 92 bushels of Mastodon Carrots from 25 cents worth of seed, which I think was an extra good yield.*

L. J. JOHNSON, Elderon, Wis.

**115 Bushels for 35 Cents.**

*I shall want some more of your Mastodon Carrot seed. I raised 115 bushels from 35 cents worth of seed.*

F. C. SQUIRES, Black River, N. Y.

**2000 Bushels an Acre.**

*I have found your seeds to be all that you claim. The Mastodon Carrot is an enormous yielder—they will give me 2000 bushels an acre.*

AUGUST STOLPER, Adell, Wis.

**I Believe Every Seed Grew.**

*I have used your seeds for four years and find them satisfactory in every way. From five pounds of Mastodon Carrot I expect 30.00 bushels of roots. Out of eighteen different varieties of seed I planted this last spring I believe every seed grew. Your seeds are unexcelled.*

C. B. CONVERSE, Foreman on Dr. Camp's Farm, Merrifield, Minn.

Northrup, King & Co.'s

# Victoria Carrot For Stock

Sold only in Sealed Packages.



The Victoria is a very large and a very rich stock carrot. There can be only one best stock carrot, and we think our Mastodon is that carrot, yet there are many who prefer a yellow carrot. We can say to such that there is no yellow carrot which can approach the Victoria in size, in yield and in feeding qualities. It is the largest and best form of Orange or Yellow Carrot known. The roots are remarkably fine, very symmetrical and of excellent quality, possessing high feeding properties. It is a heavy cropper on all soils, but is especially adapted for rich, strong land. It grows nearly half as much weight again an acre as the ordinary varieties, and as the roots grow more above the ground it is much easier to gather the crop. This grand variety is sure to suit every one who grows it. Large pkt., 10c; ¼ lb., 30c; ½ lb., 50c; 1 lb., 80c; 5 lbs., \$3.50, by mail postpaid.

**For Garden Carrots see page 11.**

**Mastodon Carrot Reduced in Size**

**IMPORTANT.—**  
Owing to the large size which these carrots attain, less seed is required to the acre than of any other sort—2 lbs. an acre being sufficient.

**Weighed Thirteen Pounds.**

*From the Mastodon Carrot seed you sent me last spring I raised a carrot that weighed thirteen pounds.*

E. B. HYLTON,  
Lyle, Wash.



A Wagon Load of Northrup, King & Co.'s Improved Mammoth Long Red Mangel Wurzel. Note the Large Size.

## MANGEL WURZEL

For Stock Feeding.

We have a very fine trade on Mangel Seed, and are careful to see that our stocks keep pace with all the improvements that are being made from year to year.

We have our seed grown under contract in England by experts in that line, as there is no place in the world where Mangel and Ruta Baga are produced to such perfection. Mangel and Ruta Baga seed can be grown in the south of France for less than one-half the price we pay for our seed, but as it cannot be depended upon to give satisfaction we do not handle it.

### Northrup, King & Co.'s Improved Mammoth Long Red.

(Sold only in sealed bags.) Our stock is a great improvement on the old variety. The roots are very large, uniformly straight and well formed. Color deep red, roots solid, tops small. Roots attain a large size. We received several reports last season of Mangels weighing 20 to 23 pounds each. Produces an immense bulk and tonnage. Oz., 5c; ¼ lb., 15c; lb., 40c, postpaid. By express or freight, lb., 30c; 10 lbs. @ 25c.

**Mammoth Golden Giant Mangel.** Very large. Remarkably even in shape, of vigorous growth; has a fine neck and a very smooth skin. Flesh white, firm and sweet, much liked by cattle. Easily lifted from the ground, producing enormous crops. Excellent keeper, yields 40 to 60 tons an acre. Oz., 5c; ¼ lb., 15c; lb., 40c, postpaid. By freight, lb., 30c; 10 lbs. @ 25c.

### Northrup, King & Co.'s Improved Golden Tankard.

(Sold only in sealed bags.) We have for years insisted that this was the best Mangel grown, and each season strengthens us in the position we took when it was a comparatively unknown sort. We recommended it unqualifiedly as the best Mangel by far for dairy farmers. It combines apparently all the fine points possible to condense into a Mangel. The color is a deep rich yellow. The flesh is firm and solid and a rich golden yellow in color. On account of its shape enormous crops are grown, and it is easily lifted from the ground. Oz., 5c; ¼ lb., 15c; lb., 40c, postpaid. By express or freight, lb., 30c; 10 lbs. @ 25c.

**Crimson Tankard Mangel.** (New.) In appearance it closely resembles the favorite—Golden Tankard. It is adapted to all soils, is easily lifted from the ground and is a very productive sort. Oz., 5c; ¼ lb., 15c; lb., 40c, postpaid. By express or freight, lb., 30c; 10 lbs. @ 25c.

**Yellow Globe.** It has a very small top and few leaves, leaf stalk shaped, having a small tap and few side roots; skin, deep orange-yellow in color; flesh white and of excellent quality. The root grows almost entirely above ground, making it well adapted to shallow soil and very easy to harvest. Oz., 5c; ¼ lb., 15c; lb., 40c, postpaid. By freight, lb., 30c; 10 lbs. @ 25c.

**I Will Raise No Other Beet.**

*I have used your seeds for ten years. I have had the best of success with your Sterling brand of Timothy and Clover. Your Golden Giant Mangel is fine. I will raise no other beet for stock.* O. H. JOHNSON, Willmar, Minn.

## SUGAR BEETS

### Giant Feeding Sugar Beet or Half Sugar Mangel.

This magnificent Sugar Beet while giving nearly as large a yield of easily grown and harvested roots as a crop of Mangels, supplies a food of very much higher nutritive value, the roots for feeding purposes being really more valuable, pound for pound, than those of the very best strains of Sugar Beet, and the yield under equally favorable conditions being more than double. The roots grow partly out of the ground and because of this and their shape the crop can be harvested and stored at less expense than any other root crop. We are certain that every one who plants this variety and grows it with care will be much pleased with the crop. Every farmer should try it. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 45c, postpaid. By express or freight, lb., 35c; 5 lbs. @ 30c; 10 lbs. @ 25c.

**Klein Wanzlebener and Vilmorin's.** Have thus far proven most successful for this country. Our stocks of these two celebrated sorts are known as "Elite" strains meaning choice; select. This Elite seed is grown only from roots (each of which is analyzed) which show the highest percentage of sugar and co-efficient of purity. The Elite strains are the only ones that should be planted by those wishing to grow high grade sugar beets.

**Vilmorin-Elite.** This beet is the result of thirty-five years of methodical and persevering selection. In black soils rich in organic matter, it gives better results than any other variety. It is extremely rich in sugar, thousands of analyses showing that the percentage of sugar which can be obtained from this variety is about sixteen. Its average yield may be stated as from 12 to 16 tons an acre. Pound, 45c, postpaid. By express or freight, lb., 35c; 5 lbs. @ 30c; 10 lbs. @ 20c; 100 lbs. @ 18c; bags free.

**Klein Wanzlebener-Elite.** This variety at the present time has probably a wider cultivation than any other Sugar Beet. It may be distinguished from the Vilmorin by its brighter color and its lighter colored leaves, which are beautifully undulating, and scalloped about the edges. While not, as a rule, equal to the Vilmorin in saccharine richness, it is considerably more productive. Lb., 45c, postpaid. By express or freight, lb., 35c; 5 lbs. @ 30c; 10 lbs. @ 20c; 100 lbs. @ 18c. Bags free.

**Sugar Beet for Stock Feeding.** We can furnish ordinary seed of Klein Wanzlebener, Vilmorin, Lane's Improved, Imperial and French White Sugar at the following prices: Lb., 35c, postpaid. By express or freight, lb., 25c; 5 lbs., @ 20c; 100 lbs., @ 17c. Bags free. In ordering state variety wanted.

**I Have Never Seen Anything to Equal It.**

*I keep two or three cows and have never seen anything to equal your Giant Feeding Sugar Beet for them. Your Sterling Beets were of splendid quality.* CHAS. H. WELLS, Fall River, Mass.

**Grow so Large That I Need an Ax.**

*Have used your seeds for five years and am very well satisfied, especially with the Mangel Wurzel. They grow so large that I need an ax to cut them up.* EDWARD OLLSON, Grygita, Minn.

**For Garden Beets see pages 5 and 6.**





A Minnesota Field of Northrup, King & Co.'s Prize Winner Ruta Baga and a Single Specimen.

## RUTA BAGA

Northrup, King & Co.'s Prize Winner.

Sold Only in Sealed Packages.

Short neck, small top, firm flesh, symmetrical shape, united with high feeding value, great productiveness, hardness and long keeping qualities, describes the perfect Ruta Baga. Every root of Northrup, King & Co.'s Prize Winner more nearly approaches this ideal than any other strain of Ruta Baga.

Mr. Thomas Harbon, of St. Cloud, Minn., the well known short horn breeder, in 1906, planted four and a half acres of our Prize Winner and Monarch Ruta Bagas. He raised 2800 bushels. The land was fitted and crop seeded, cultivated, harvested topped and tailed at a cost of 42 days' labor of one man (less than 4 cts. a bushel). This crop won for him the \$300 prize offered by Mr. J. J. Hill for the largest crop of Ruta Bagas. This illustrates two important points: (1) the cheap feed which root crops afford and (2) the importance of using pedigreed seed; that is to say, seed with a history of big yields behind it.

Our seed is grown for us in England by a farmer who has made Ruta Baga a speciality all his life. One of that type of men whose thoroughness gave to England the splendid reputation her products enjoy all over the world.



Northrup, King & Co.'s Prize Winner Ruta Baga is a purple top, yellow flesh variety. The roots reach a good size and are exceedingly uniform in appearance. The Prize Winner is an all around Ruta Baga, suited to every purpose and every soil. We do not hesitate to say that in the Prize Winner we possess the hand-somest and most productive stock of purple top Ruta Baga known to the trade. We have sold many thousand pounds of this magnificent strain, and have never received but one complaint about them. Large pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c, postpaid. By freight, lb., 40c; 5 lbs., \$1.90; 10 lbs., \$3.50.

### Taken the Prize for Four Years.

We have bought seed of you for nine years and it has always been good, especially your Prize Winner Ruta Baga. It is true to name and description. We have taken the prize at the county fair at Thief River Falls for the last four or five years. Spark's Earliana Tomato is a wonder crop this year; very fine for slicing, as it has so few seeds.

(MRS.) ELMA HEINZE, Holt, Minn.

### Weighed Sixteen Pounds.

I have found your seed to be the best I ever planted. Last year I had Ruta Bagas that weighed sixteen pounds, and Sterling Beets that weighed two and three pounds.

EDMUND TRESTER, Holyoke, Minn.

### Everyone Admires My Ruta Bagas.

Your seeds have all proved satisfactory, especially the Prize Winner Ruta Bagas and Mangels, which I have grown for three years. Everyone admires my Mangel and Ruta Baga patch, and on that line of seeds you are well advertised in this locality, as they cannot beat my stand. I will send for more in the spring.

E. R. GRAHAM, Cathlamet, Wash.

Carter's Hardy Swede Ruta Baga. An excellent sort, rich. It is a hardy variety and yields heavily. Large pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 40c, postpaid. By freight, lb., 30c; 10 lbs. @ 27c.

Sweet German Ruta Baga. One of the very best productiveness and quality. This consideration should count strongly with stock growers, all of whom understand that the quality of the feed regulates the quality of the product. Large pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 45c, postpaid. By express or freight, lb., 35c; 5 lbs. @ 30c.

### Hurst's Monarch

Ruta Baga. We first saw this splendid variety in England, and introduced it to the American trade. It is very distinct in type, being of tankard shape. On account of the size it attains, it will yield from two to seven tons more to the acre than any other variety. Large pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 60c, postpaid. By express or freight, lb., 50c; 5 lbs., \$2.00; 10 lbs., \$3.50.

### American Purple Top Ruta Baga.

This strain is of American origin and is a purple top, yellow variety. It has been selected to produce a smaller top and a shorter neck than is usually found, while the roots grow to a large size and are of the finest quality and excellent both for the table and for stock feeding. This is a very desirable sort. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.

### Wagon Load from an Ounce

I have used your seeds for six years and have found every one of them satisfactory. From one ounce of your Monarch Ruta Baga Seed I harvested a level wagon load. As long as I stay in North Dakota I will use your seeds. JAMES SPANKTE, Baden, N. D.

Perfect Satisfaction. Northrup, King & Co.'s Prize Winner Ruta Baga has given perfect satisfaction.

M. M. KNUTSON, Wis.



Monarch Ruta Baga.

# NORTHRUP, KING & CO.'S SEED POTATOES

The seed potatoes we send out are seed potatoes in every sense of the word Seed should imply. They are not only the best we can supply, but the best to be had from any source at any price. To that end they will be not only strictly true to name, but hand sorted, selected stock such as anyone will be proud to plant.

## Change Your Seed.

There is profit as well as satisfaction in planting our seed, for, not only is it pure, but the additional yield to be secured from a change of seed ought every time to fully pay for the seed itself, so that the investment itself is really nothing.

## New (?) Varieties.

There is nothing sold from seed catalogs in which so much humbuggery is exercised as in the item of seed potatoes. During the past ten years hundreds of alleged new varieties have been introduced and sold at high prices, and yet (stop and think of it) there are not to exceed ten or twelve standard and well known sorts on the market today, and these are such varieties as the Triumph, Early Ohio, Burbank, Carman No. 3, Rural New Yorker, Early Rose, etc.

The trouble lies in the abnormal appetite for new potatoes. No bait is more tempting than a new variety, and just so long as this appetite exists it will be assiduously administered to. Our list contains no variety that has not made a place for itself.

## Our Potatoes are Grown in the Far North.

Our stock is grown almost exclusively in the Red River Valley, North Dakota. "Red River" stock always commands a premium over potatoes produced elsewhere. No seed potatoes can be compared with those produced in the North, either for vigor and freedom from disease, or for producing and long keeping qualities.

## Use Formaldehyde.

Our seed is clean, healthy and free from scab; and in order that the product may be equally so we urge our customers to treat the seed they plant with Formaldehyde, as their soil may be infected. Formaldehyde prevents scab, increases the yield and improves the quality of the potato. There has been some difficulty in procuring Formaldehyde of a proper strength and purity, so in order to insure a preparation of the highest efficiency we handle only the best grade. For price, etc., see page 128.

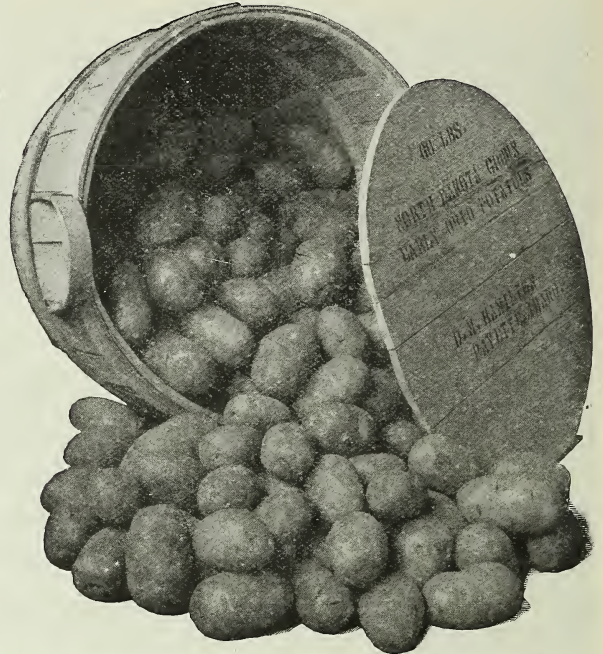
## Our New Method of Shipment.

We have heretofore shipped seed potatoes in bags and barrels, but there are objections to both of these methods, so we have adopted the plan of shipping in strong 1½ bushel baskets with wooden cover, on all orders for one or more bushels. These baskets are worth 24 cents each, and will always be of use about the premises. Our prices include baskets.

Many houses send out a measured bushel of potatoes instead of a bushel by weight. We give net 60 pounds for every bushel of potatoes. It is necessary to use a 1½ bushel basket to contain one of our bushels of potatoes, net 60 pounds. Other advantages in shipping in baskets are numerous. First, purchaser does not have to pay freight on from 20 to 30 pounds of barrel; second, when shipped in barrels the potatoes are often badly skinned, which does not occur when baskets are used; third, when potatoes are shipped in bags they often arrive in damaged condition with the bags torn and part of the contents gone; fourth, baskets are easily handled; fifth, the railway companies transport baskets with greater care. We use baskets on all orders for one or more bushels. Smaller lots must be shipped in other containers.

## Date of Shipment.

Potatoes will be shipped at any date ordered, but where no special instructions are given to the contrary, we will hold same until in our judgment there will be no danger from freezing. The accompanying prices are based on values existing at the date of going to press with this catalog, January 1st. We are often able to make material reductions during the winter and spring to purchasers of large lots. Correspondence invited.



Northrup, King & Co.'s Extra Early Ohio Potatoes.  
Note Our New Method of Shipping.

## Northrup, King & Co.'s EXTRA EARLY OHIO POTATO.

### Our Own Special Stock.

We consider these to be the earliest, purest and altogether the handiest stock of Early Ohio Potatoes to be found anywhere. On these points we challenge comparison with stock from any other source. We do not admit that its equal exists among Early Ohio Potatoes. They are grown under conditions that make them cost more than common stock. They are selected with the utmost care and the result is grand, such as to delight everyone who knows and appreciates a good potato. Everyone of them is a "picture" of what an Early Ohio Potato should be. By

freight ½ bu., 45c; bu., \$1.40; 5 bu., @ \$1.30; 100 eyes by mail, postpaid, \$1.00.



## Hamilton's Early. A Valuable New Potato.

Hamilton's Early is the earliest "white-skinned" variety. In this we have a potato which we are certain many of our customers will want. One objection, in the minds of many, to the Triumph, Early Ohio and Early Rose is that they are red-skinned. Hamilton's Early is but three or four days later than the Triumph, and is distinctly the earliest white-skinned sort. In shape they are ideal, and in size remarkably uniform—very few abnormally large specimens and very few small ones. A load of these potatoes on any market should sell at a premium, so distinguished, clean and handsome are they in appearance. For table use in any form Hamilton's Early is not excelled. As to yield, they are much more productive than any of the red-skinned sorts. ¼ bu., 55c; bu., \$1.75. 100 eyes by mail, \$1.00 postpaid.

If desired, Potatoes will be shipped in bags at 20c a bushel less than prices quoted.

Write for Special Prices in large quantities. State varieties and number of bushels wanted.

# SEED POTATOES

Prices on Potatoes subject to market change.  
Potatoes will be shipped in bags at 20c a bushel less than prices quoted.



## Carman No. 3. The Best Main Crop Potato.

The Carman No. 3 is already rivaling in popularity the Burbank and is undoubtedly a much better potato. Without any exception whatever it is the greatest yielding potato ever introduced. The tubers are borne very close to the plant, a single turn of the fork turning out every potato. It is of a large size and of the shapeliest form. Eyes are few and shallow. It is a perfect keeper, and is not surpassed as a table variety. Skin and flesh of extreme whiteness. It has no hollow heart or any dark parts. We recommend this potato to our customers as being unqualifiedly the best of all late sorts. By freight,  $\frac{1}{4}$  bu., 45c; bu., \$1.35; 5 bu., @ \$1.25; 100 eyes by mail, postpaid, \$1.00.

## Burbank. A Standard Late Variety.

Continues in good demand and is more largely used than any other. It is of good size, of fine form and an excellent yielder. The flesh is white, very mealy and of fine flavor and quality. The best potato for baking. This variety is well adapted to heavy soils. By freight,  $\frac{1}{4}$  bu., 40c; bu., \$1.30; 5 bu., @ \$1.20; 100 eyes by mail, postpaid, \$1.00.

**Early Rose.** This variety has been a great favorite for many years and many growers still claim that it has never been excelled in quality and productiveness. Potatoes are long in shape, good size and light pink in color at the bud end. They cook mealy and are of the finest flavor.  $\frac{1}{4}$  bu., 45c; bu., \$1.35; 5 bu., @ \$1.25; 100 eyes by mail, postpaid, \$1.00.

Potatoes will be shipped in bags at 20c a bushel less than prices given.

## SEED POTATOES

### Up to Our Expectations.

The potatoes purchased from you last year were fully up to our expectations and yielded well in bushels and profit.

BROWN BROS.,  
Hartford, S. D.

### Over Three Hundred Bushels an Acre.

The Pingree Potatoes I bought from you yielded over 300 bushels an acre.

W. H. MON-  
TAGUE,  
Vermillion,  
S. D.

### A Money Maker.

I have been using your potatoes with greatest success for 3 years. They are a money maker—the poor man's friend.

PETER L. BETHEA,  
Dillon, S. C.

**The Early Triumph.** (BLISS.) This variety was introduced many years ago by Mr. B. K. Bliss, of New York. The Triumph attained at that time no particular favor, but all of a sudden its virtues became appreciated and the demand for it was so great that it sold readily in carload lots for three times the price of ordinary seed potatoes. There is good reason why the Triumph should be popular. It is from seven to ten days earlier than the Ohio, and that often means a difference of many dollars in the crop. We believe that potato growers will do well to plant liberally of them the coming spring, as there is sure to be an almost unlimited demand for the seed from the Mississippi Valley, where thousands upon thousands of acres of potatoes are grown each year for the early market. The potato is of good size, squared at ends. Skin is red, flesh is very white and firm. It is productive, and for several years to come will probably command a higher price among potato buyers than any other sort.  $\frac{1}{4}$  bu., 50c; bu., \$1.65; 5 bu., @ \$1.55. 100 eyes by mail, \$1.00, postpaid.

### Simply Im- mense.

Carman No. 2 Potatoes, of which you sent me five bushels last year, were surely a success. They beat anything we ever saw for quantity and quality. Those five bushels yielded over two hundred bushels of the cleanest, whitest potatoes we ever saw. They are simply immense.

J. D. KAUFMAN, Cody, Wyoming.

### Rural New Yorker No. 2.

Originated by the late Elbert C. Carman, editor of the Rural New Yorker, and a very distinct and valuable main crop sort. The tubers attain a large size and are of wonderfully smooth skin. The eyes are few, distinct and shallow. It is a very healthy and vigorous variety, as is attested by the growth of vine and solidity of the tubers.  $\frac{1}{4}$  bu., 45c; bu., \$1.35; 5 bu., @ \$1.25. 100 eyes by mail, postpaid, \$1.00.

### Especially Pleased.

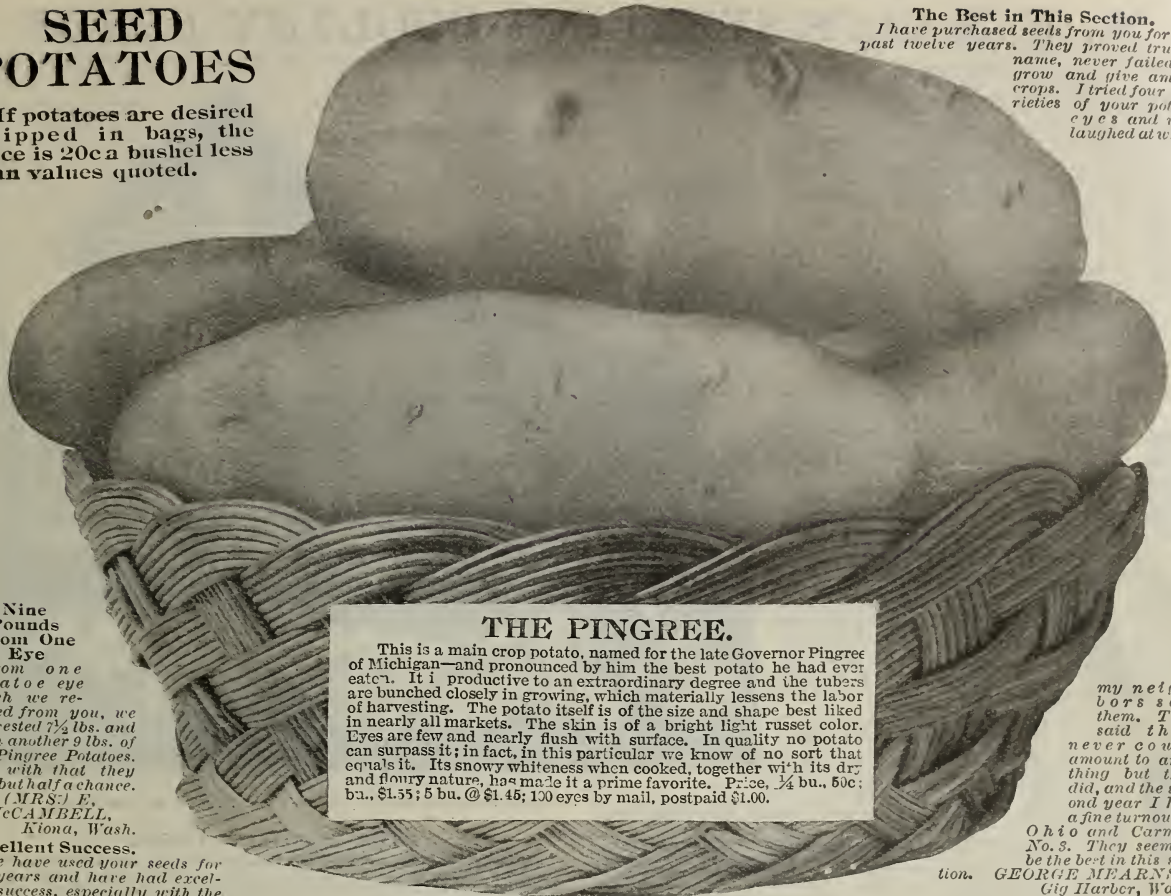
Have been especially pleased with your Pingree Potatoes. This was one of the best potatoes for general use that I ever raised.

P. D. WINN,  
Aurelia, Ia.

# SEED POTATOES

If potatoes are desired shipped in bags, the price is 20c a bushel less than values quoted.

**The Best in This Section.**  
I have purchased seeds from you for the past twelve years. They proved true to name, never failed to grow and give ample crops. I tried four varieties of your potato eyes and was laughed at when



## THE PINGREE.

This is a main crop potato, named for the late Governor Pingree of Michigan—and pronounced by him the best potato he had ever eaten. It is productive to an extraordinary degree and the tubers are bunched closely in growing, which materially lessens the labor of harvesting. The potato itself is of the size and shape best liked in nearly all markets. The skin is of a bright light russet color. Eyes are few and nearly flush with surface. In quality no potato can surpass it; in fact, in this particular we know of no sort that equals it. Its snowy whiteness when cooked, together with its dry and floury nature, has made it a prime favorite. Price, 1/4 bu., 50c; bu., \$1.55; 5 bu. @ \$1.45; 100 eyes by mail, postpaid \$1.00.

Nine Pounds From One Eye

From one potato eye which we received from you, we harvested 7 1/2 lbs. and from another 9 lbs. of the Pingree Potatoes, and with that they had but half a chance.

(MRS.) E. McCAMBELL,  
Kiona, Wash.

Excellent Success.

We have used your seeds for two years and have had excellent success, especially with the Early Ohio Potato Eyes.

(MRS.) L. BARBOUR,  
Lima, Mont.

my neighbors saw them. They said they never could amount to anything but they did, and the second year I had a fine turnout of Ohio and Carman No. 3. They seem to be the best in this section.  
GEORGE MEARNES,  
Gig Harbor, Wash.

## POTATO EYES BY MAIL

The Best Way to Secure Planting Seed.

We believe that we are the originators of the system of sending potato eyes by mail. There are many people living in cities or towns who have a small garden and would like to devote a portion of it to potatoes, but do not feel like paying the freight or express charges on a small quantity of seed. The freight alone on a few potatoes necessary to plant this space would amount to as much as we ask for the eyes delivered at your door.

The importance of securing Northern Grown Potatoes should be taken into careful consideration. Our stocks were all grown especially for seed purposes in the Red River Valley, conceded by every one to be the ideal location for the propagation of this tuber. By careful selection we take the very best potatoes, from which the eyes are cut. These are prepared in such a way that they will keep in good condition for a considerable length of time.

There are numerous advantages in procuring potato eyes, which can be briefly summed up.

First—It has been conclusively proven that potatoes cut to single eyes give the largest yield and best results generally.

Second—No freight or express charges to pay, as we pay the postage.

Third—They can be sent without danger of freezing. A customer can secure them in ample time for planting without incurring this risk.

Fourth—By our improved method of preparing the eyes for shipment, they will keep in good condition for a month or more.

Fifth—There are many who would like to try some of our varieties for the first time. By purchasing eyes this can be done at a very slight expense.

Sixth—We guarantee safe arrival, in good condition for growing.

### QUANTITY TO PLANT.

If planted in hills allow three or four eyes to each; if in rows, far enough apart to permit cultivation, drop eyes about every eight or ten inches. Cultivate the same as ordinary cut tubers. Eyes are packed in neat boxes, properly and plainly labeled (see engraving) each small box containing 25 eyes. We can furnish all of one variety or several varieties, but no less than 25 eyes of any sort will be put up.

### OUR OFFER FOR \$1.00.

We will send to any address, postpaid, 100 Eyes, (25 each) of the following splendid sorts: Northrup, King & Co.'s Extra Early Ohio, Hamilton's Early, Extra Early Triumph, Carman No. 3. This is the way to secure your planting stock of new varieties for less than the freight would cost on the whole potatoes. We pay the postage.

Two Bushels from Twenty-five Eyes.

The Pingree potatoes shown in the enclosed photograph were raised from 25 eyes bought from you. The yield was two bushels from the 25 eyes.  
JOHN FRIDGEN, Irving, Minn.



A Dollar Box of Potato Eyes. (From a Photograph.)

# N., K. & CO.'S STERLING POULTRY FEEDS

Our Sales on These Feeds for the Year 1908  
Were Over 1500 Tons.

Our Sterling Poultry Feeds are absolutely the best that experience can suggest or money buy. Our reputation stands behind these feeds. They show the highest protein and albumenoid contents of any feeds on the market, and these elements are what make eggs.

If you have never used these feeds you do not know how good they are. Try them faithfully and see for yourself if their use does not add greatly to the productive capacity of your hens.

With very little advertising our sales for Poultry Feeds for the year 1908 reached the large total of fifteen hundred tons. If others find it profitable to use these feeds, it will pay you also. At this writing everything entering into the composition of these feeds is unusually high in cost. Many of the manufacturers of poultry foods have reduced the quality in order to keep the prices down. This we regard as being a very great mistake. Our foods will be found right up to the standard every time.

## Northrup, King & Co.'s Sterling Baby Chick Starter.

(Sold only in sealed bags.)



To be fed the first three weeks. It is essential to the proper nourishment of children that they be fed with different kinds of food than their parents. This is equally true of baby chicks. Our Sterling brand contains nothing but what can be thoroughly and easily digested, it is balanced to suit the needs of chicks from the day they emerge from their shells until they are three weeks old. This is not a mixture of sand and dirt, but one that can be depended upon to give equally as good satisfaction as anything sold by us under the name of Sterling. The percentage of chicks which die before reaching an age of four weeks has been very large. The principal fault has been in the food furnished them. Sterling Baby Chick Starter will raise more chicks than any other food. Full directions for feeding accompanying each bag. 5 lb. sack, 20c; 10 lb. sack, 35c; 25 lb. sack, 65c; 50 lb. sack, \$1.20; 100 lb. sack, \$2.30.

Northrup, King & Co.'s

## Sterling Chick Feed.

(Sold only in sealed bags.)



For chicks three weeks old and over. Like our other Sterling feeds this mixture embraces the best combination of seeds, grains, etc., that can be compounded for the purpose required. It gives the chicks quick growth and tends to keep them in good health. To properly develop the chick, either for market or to become a producer of eggs, it must be fed such food as will promote growth quickly and uniformly. A well balanced feed will produce a well balanced hen. This mixture is composed of ten different grains and seeds blended in the proper proportions, sound, clean and sweet. Feeding directions will be found in every sack. 5 lb. sack, 20c; 10 lb. sack, 35c; 25 lb. sack, 65c; 50 lb. sack, \$1.15; 100 lb. sack, \$2.20.

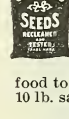
## All Grain Chick Feed.

This mixture is manufactured to supply the demand for an all grain chick feed. It contains nothing but pure grains, sound and sweet, blended in the proper proportions to give chicks sound healthy bodies and to form flesh, blood, bone and feathers as fast as rapid permanent growth demands. Contains no grit or shell. Put up only in 100 lb. sacks; each, \$2.15.

Northrup, King & Co.'s

## Sterling Hen Feed.

(Sold only in sealed bags.)



A perfect combination to make hens lay. A great egg and vigor-producing food, keeping fowls in good laying condition, giving them the necessary stimulus without producing too much fat. It is a complete food, containing varieties of seeds and grains that are blended in the right proportions to produce best results. We guarantee this food to give entire satisfaction; hence the word "Sterling." 5 lb. sack, 20c; 10 lb. sack, 35c; 50 lb. sack, \$1.15; 100 lb. sack, \$2.15.

## All Grain Hen Feed.

A combination as perfect as can be made from grain alone, there being no shell, grit, beef scraps or bone in its composition. Those who have used this feed declare it to be superior in all respects to other grain feeds on the market. 100 lb. sack, \$2.10.

Northrup, King & Co.'s

## Sterling Pigeon Feed.

(Sold only in sealed bags.)



We use as much care in preparing this mixture as in the Sterling Chick and Hen Feeds. It is composed of bright, clean, sweet grain and seeds, such as will quickly develop growing squabs, forming choice white meat. It is also a splendid food for homing pigeons as it contains a wonderful percentage of muscle and strength building material. 50 lb. bag, \$1.55; 100 lb. bag, \$2.80.

## POULTRY FANCIERS REPORT ON THE

High Grade.

Permit me to compliment you on the high grade of your Sterling Brand "Chick Feed" and "Hen Feed" which you have been furnishing the past season.

My Exhibition Barred Plymouth Rock chicks were raised exclusively on your "Chick Feed" for the first five or six weeks, then I used your "Hen Feed" with excellent results.

Secy.-Treas. Minnesota State Poultry Assn., Minneapolis, Minn.

Find It O. K.

I have been using your Sterling Chick Feed and find it O. K.

T. E. DEVITT, Rosemount, Minn.

Raised Them All.

Your poultry feed can't be beat for raising young chicks. While all the neighbors chicks died, I raised all of mine with your feed.

FRANK BROWN, Scranton, N. D.



Always Hungry for N., K. & Co.'s Sterling Hen Feed.

## Star Poultry Feed.

This combination is made up of several grains which are carefully selected and graded. No grit, shells, bone or other matter than grains enter into its composition. Very desirable as a scratching feed. 100 lb. sack, \$2.10.

**Mixed Feed for Poultry.** To those who want a genuinely good mixture of seeds, etc., that is properly proportioned to make an excellent all-around economical poultry food, this special mixture is recommended. We do not make any special claims for this mixture, but the fact that we have sold many carloads in the last few months to customers who have bought this before, is sufficient evidence of its popularity. 100 lb. sack, \$1.60; in 500 pound lots, 100 pound sack @ \$1.50.

Northrup, King & Co.'s

## Sterling Egg Starter.



Hens, during moulting and in winter, get lazy rather than busy and spend their time loafing instead of laying eggs. They need a starter to stimulate their egg-making organs into healthy action. Sterling Egg Starter makes them get busy, healthy and happy in a few days. Such conditions always result in plenty of eggs, regardless of the season. Try it and thus be convinced. Sterling Egg Starter is a medicated preparation, to complete a perfect egg-producing ration. Directions for use tell just how to mix it with warm feeds of boiled vegetables, ground grains, etc. Price, 2 lb. carton, 25c; 5 lb. carton, 50c; 25 lb. pail, \$2.00.

Northrup, King & Co.'s

## Sterling Poultry Mash.



A scientifically balanced ration for the laying hen. It contains the food elements required for egg production. The hen that produces 200 eggs each year must have egg making foods and these should be so prepared that they will be palatable and easily digested. The best noonday feed is composed of cooked vegetables, table scraps and Sterling Poultry Mash and is indispensable. The Mash, to secure best results, should be mixed with the vegetables after they are cooked. Add enough to absorb the surplus water making a mixture that is moist and "crumbly" but not wet or sloppy. Feed in clean troughs while hot. This will make hens lay regardless of cold weather. 50 lb. bag, \$1.00; 100 lb. bag, \$1.85.

## USE OF STERLING POULTRY FEEDS.

Strictly First-Class.

I have used your seeds for three years and find the Sterling grades O. K. I am also especially interested in your Sterling Poultry Supplies which are strictly first-class.

Splendid Satisfaction.

I used several sacks of your feed during the summer in the raising of chicks, which gave me splendid satisfaction.

D. E. DICKENSHEETS, Iroquois, S. D.

Perfect Satisfaction.

On account of the high prices of grain, I have been feeding your Sterling Hen Feed. It gives perfect satisfaction on bare rouns.

PETER ANDERSON, St. Paul, Minn.

The Best Yet.

I have tried your Sterling Chick Feed and I think it is fine, the best I have tried yet.

H. P. BROCHER, Merrill, Wis.

**Alfalfa Meal.** Made from green kiln-dried Alfalfa hay. This is from two to three times more valuable than clover meal and is highly recommended by prominent and successful poultry men. It contains a large per cent of protein and furnishes green feed in winter and at seasons when green food is unobtainable. A good inducement for hens to lay eggs. 50 lb. sack, \$1.25; 100 lb. sack, \$2.20.

**Sterling Granulated Bone.** Made from fresh, green bones, which have the moisture, grease, etc., extracted from them, leaving nothing but phosphate of lime and protein. Will keep in any kind of weather if kept dry. This bone is prepared especially for our trade. It is of such fine quality that we brand it with our Sterling trade mark. State whether fine or coarse ground is wanted. We keep them both. 5 lb. sack, 25c; 10 lb. sack, 40c; 100 lb. sack, \$2.65.

**Sterling Beef Scraps.** Sterling Beef Scraps are rich in materials which make bone, muscle, and lean meat. They insure health, thrift and vigor and satisfy the natural craving of the bird's system for fresh food in some form. No other meat-food is so highly concentrated and no substitute is so convenient for handling and storage. Contains 55 per cent protein. Will keep in any climate under all conditions. We guarantee our Beef Scraps to be pure and free from any adulteration. They are manufactured especially for us and are fully adapted to the high quality of our Sterling Brand. Beef Scraps can be fed dry or with cooked rations. 100 lb. sack, \$3.75; 50 lbs., \$2.00; 25 lbs., \$1.00; 10 lbs., 50c; 5 lbs., 25c.

**Swift's Beef Scraps.** Especially recommended as a bone, muscle and flesh producer. A good article but not to be compared with our Sterling Beef Scraps. 100 lb. sack, \$2.95; 50 lbs., \$1.55; 25 lbs., 85c; 10 lbs., 40c; 5 lbs., 25c.

**Blood Meal.** One of the best preparations to make hens lay, chicks grow fast and to keep fowls healthy. This is guaranteed pure, free from adulteration and objectionable odors. A small quantity should be fed to the poultry occasionally to keep them in good health. 5 lb. sack, 25c; 10 lb. sack, 50c; 25 lb. sack, \$1.10; 50 lb. sack, \$2.10; 100 lb. sack, \$3.90.

**Kaffir Corn.** A very valuable food for poultry, pigeons, etc. Its nutritive value is nearly as great as corn, oats and barley. Bags contain about 150 lbs. 100 lbs., \$2.00.

**Pigeon Peas.** Small, round peas, especially adapted for feeding pigeons. 100 lbs., \$3.50.

**Unmixed Grains.**

Prices named are those in effect on issuing of this catalogue. Subject to market changes.

Cracked Kaffir Corn.....	Price 100 lbs. \$2.10	Hemp.....	Price 100 lbs. \$4.75
Wheat.....	2.50	Chick Millet.....	2.40
Cracked Wheat.....	2.60	Hog Millet.....	3.00
Corn.....	1.25	Cracked Peas.....	3.00
Cracked Corn.....	1.35	Sunflower.....	4.00
Barley.....	1.50	Speltz.....	2.25
Buckwheat.....	2.25		

**Charcoal.** To keep fowls in a healthy state a regulator of some kind must be fed. Nothing takes the place of charcoal in this respect, as it purifies the blood, aids digestion and tones up the whole system. No matter whether your fowls are young or old, give them an occasional feed of charcoal. Two sizes, fine and coarse. 100 lb. sack, \$2.50.

**Crushed Oyster Shell.**

The most frequent cause of hens not laying is the absence in the food of carbonate of lime. As crushed oyster shell is practically pure carbonate of lime, it supplies, when fed to poultry, the most essential element, and greatly aids in the formation of the egg.

**Advantages Gained by the Use of Oyster Shell.**

It prevents cholera; it keeps the poultry healthy; it makes hens lay an egg a day; it prevents soft shell eggs; it prevents hens eating their eggs; it makes the egg shell strong enough to carry without breaking; it contains many essential components of the egg; makes the eggs larger and heavier. When you buy 100 lbs. of Sterling Brand Crushed Oyster Shells, you get 100 lbs. of shells, not 15 to 20 lbs. of dust and dirt mixed in, as our brand is specially cleaned. To get best results in poultry raising the use of something of this kind is positively necessary. Every poultry house or yard should have a pan or trough full, so that the fowls can have access to them at all times. Put up in 100 lb. bags. Our price, bags included, 75c a 100 lbs. 10 bag lots and over, 70c a 100 lbs.

**Crushed Clam Shell.** Thicker, harder, than oyster shell and is used quite extensively on that account, acting both as a food and a grit. Costs us more money than oyster shell but the freight charges are less and we are able to offer it at a special price of 65c a 100 lbs., bags included. 10 bag lots and over, 60c a 100 lbs.

**Mica Crystal Grit.** Hens, having no teeth, should be kept material to grind and masticate their food. Mica Crystal Grit is not only sharp and hard, but its properties are such that it acts as a tonic and contributes largely to the health and productive power of the fowl. We have both hen, pigeon and chick size. State which is wanted. Price, 100 lb. sack, 75c.

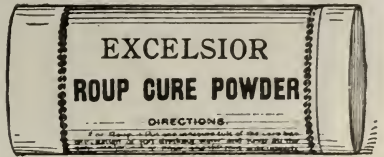
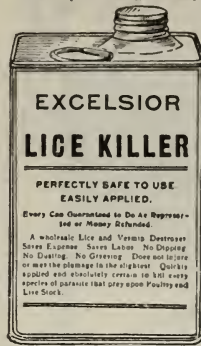
**Pearl Grit.** A clean, sharp grit containing elements both helpful and necessary for the proper nutrition of food and production of eggs. It is white in color and contains no dirt, causing no waste. Results from its use will show in the egg basket. Fine and coarse. Price, 100 lb. sack, 75c.

**WHAT OTHERS SAY ABOUT OUR FEEDS.**

Was O. K.  
The Sterling Chick Feed I bought from you last summer was O. K.  
B. GRUYS, Chandler, Minn.  
The Very Best.  
The Chick feed I have bought of you has given good satisfaction. I consider your Sterling Chick Feed among the very best.  
F. A. MARSHALL, Prescott, Wis.  
Sterling Gave Best Results.  
I used your Sterling Baby Chick Starter and Sterling Chick Feed and had better results than with any other Brand. Very few of my chicks died and I attribute my success to the superior quality of your Sterling Feeds.  
(MRS.) M. E. ROCKWELL, Highwood, Minn.

**Excelsior Lice Killer.**

A liquid designed especially for the use of the poultryman and farmer. It does away with all dusting, dipping, greasing, etc., and the vast amount of labor incident to such operations. It is simply applied with a brush to the roosts, poles, and the red mites that have heretofore made the poultryman's life miserable. It is also a positive cure for scaly leg in fowls, and an effective remedy against bats, roaches, ants, chinch bugs, army worms, gophers, bed bugs, and insects on vegetables and plants. 1 qt., 35c; 2 qts., 60c; 1 gal., \$1.00.



**Excelsior Roup Cure.**

Put one measure full of the cure into one gallon of soft drinking water and keep all other water out of reach, and the fowl will take its own medicine. In a well developed case of roup, keep all the afflicted fowls in a separate coop. When a fowl cannot see to drink, bathe its head with a warm solution of the cure. This will cure a cold in three or four days, but a full developed case of roup will take two or three weeks. Two size boxes, 50c and \$1.00, postpaid.

**Excelsior Insect Powder.**

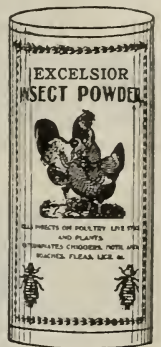
Especially valuable for use on young chicks and setting hens where Lice Killer cannot be used satisfactorily. Can be used also in the Lice Killing Machine. 1 lb. package, 25c; 3 lb. package 50c.

**Model Lice Dust.**

Indispensable for use on setting hens and young chicks where a liquid insecticide cannot be safely or satisfactorily used. If to be sent by mail, add 16c extra to pay postage. 15 oz. package, 25c.

**Conkey's Roup Cure.**

Is a positive cure for all forms of this disease. It is placed in the drinking water, the fowl taking its own medicine without knowing it. It is a strong tonic and blood purifier, cleanses the blood and builds up the system. Price, 25c, 50c and \$1.00, postpaid. The 25c size makes 10 gallons, 50c size makes 25 gallons, the \$1.00 size 75 gallons of the medicine.

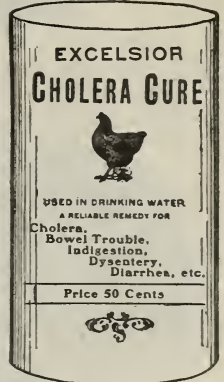


**Microzone.**

Cures and prevents disease. Keeps poultry in healthy condition. Will cure roup, cholera, indigestion, canker, sores, cuts, wounds, sore eyes, etc. Use it occasionally, once or twice a week in drinking water which will prevent the possibility of disease invading the poultry house. Full directions for use accompany each package. Price, tablets, 50c, postpaid. In liquid form by express only, at purchaser's expense. bottle 50c.

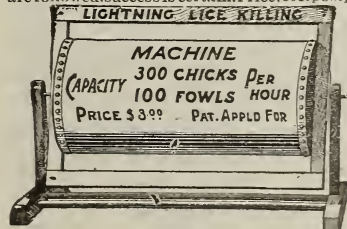
**Model Roup Cure.**

If roup is taken care of properly and the right remedy applied, it can be quickly cured. Full directions for use accompanying each package. 25c and 50c sizes, postpaid.



**Excelsior Cholera Cure.**

Cholera is a contagious disease which demands immediate attention or the entire flock will be exterminated. Sick fowls should be segregated and treated with Excelsior Cholera Cure. If directions are followed, success is certain. Price, 50c, postpaid.



**Lightning Lice Killing Machine.**

slowly a few times. The No. 2 machine is the best size for general use. It will hold 30 to 40 chicks or 4 to 8 hens at a time. 1 lb. of Insect Powder free with each machine. Weight of machine, crated for shipment, 15 lbs. The cylinder is 12 inches in diameter and 29 1/2 inches long. Price, \$3.00.

**Lightning Lice Killing Machine.**

This machine will do the work in an hour that would take a day to do by hand. It saves both time and insect powder. By using this machine and Excelsior Insect Powder, there is no need of chicks or grown fowls having lice. It will kill all body lice on poultry. To do the work, place the fowls or chicks in the machine with a little Insect Powder and turn the crank slowly a few times. The No. 2 machine is the best size for general use. It will hold 30 to 40 chicks or 4 to 8 hens at a time. 1 lb. of Insect Powder free with each machine. Weight of machine, crated for shipment, 15 lbs. The cylinder is 12 inches in diameter and 29 1/2 inches long. Price, \$3.00.

**Poultry Marker.**

It is very important to keep a careful record of the different hatches of chicks and no better way has been devised than by the use of this little machine. Over 200 different marks can be made by punching between different toes. It is made in two sizes, one for chicks and one for adult fowls. The sizes are shown by the black dots at the side of the illustration. Price, each, postpaid, 25c. State which size is wanted.



**Davis Chick Marker.**

Punch is reversible and cuts two sizes as shown, giving practically two tools for the price of one. Handle nicely nickel-plated and polished, and the marker complete weighs 1/2 pound. Price, 25c each, or 3 for 80c.

**Poultry Punch.**

Made on the plan of a ticket punch. It makes a sharp, clean cut, thus avoiding injuring or tearing the web. It is so constructed that it cannot punch or bind. Very strong and durable. The most convenient and serviceable punch on the market. Each, 50c, postpaid.

**Climax Leg Bands.**

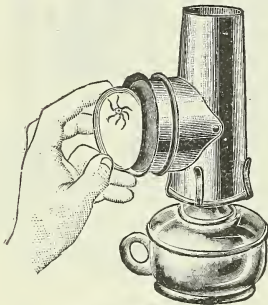
These are very useful in distinguishing select birds from others in the same flock, or in marking poultry to identify them from those of neighbors. The Climax is more satisfactory than any other line. They have no sharp edges or exposed ends or wire to cut the fingers, or injure the fowl. Are very easy to put on without tools. The rings are made of spring brass and so bent that the aluminum tag acts as a clasp. They are numbered 1 to 25, 1 to 50 and 1 to 100. The sizes are as follows: No. 1, 1/2 inch; No. 2, 3/4 inch; No. 3, 3/4 inch; No. 4, 7/8 inch; No. 5, 1 inch; No. 6, 1 1/8 inch. Prices: Doz. 15c; 25 for 30c; 50 for 45c; 100 for 75c; 250 for \$1.75; 500 for \$3.25; 1000 for \$6.00.

**Double Clinch Leg Bands.**

This is a popular low priced band, which is provided with a strong and secure fastener, which not even a turkey can unloose, and is for that reason used very extensively. It is made in both poultry and pigeon sizes—in aluminum only. Always give sizes and state how bands are to be numbered. Prices: Doz., 15c; 25 for 25c; 50 for 40c; 100 for 65c; 250 for \$1.50; 500 for \$2.75; 1000 for \$5.25. Numbered only 1-12, 1-25, 1-50, 1-100.

**Egg Testers.**

Eggs are now bought and sold subject to "loss from candling." Why not do this work at home and sell your eggs as freshly candled stock, thus securing the highest market price? This egg tester is just the thing for this purpose. It is so simple a child can use it successfully. It is made the proper size to fit a common No. 1 burner. Each, postpaid, 40c; by express or freight, 30c.



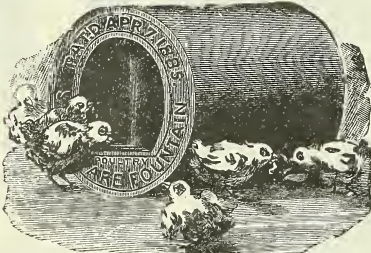
Egg Tester.

**Excelsior Feed Boxes.**

Considerable waste is occasioned by feeds, grits, etc., being placed in pans, or low dishes and the fowls scratching them out. The excelsior boxes are made of heavy galvanized iron and can be hung up against a wall at any desired height preventing all waste. They are automatic feeders, the material working down

into feed spaces as fast as the fowls consume it. The front is sloped in such a manner that fowls cannot roost on it. There are three compartments in each box, with a partition between them to prevent mixing. Each compartment holds a quart in the small size and two quarts in the large size. These boxes are indispensable for feeding grit, beef scraps, charcoal, oyster shell, etc. Prices: small size, 65c; large size 90c.

**Stone Drinking Fountain.**



Stone Drinking Fountain.

These are well known and require little description. They are strong and so made that they cannot be overturned. They are easily filled and kept in sanitary condition. Prices: 1/2 gallon, 25c; gallon, 35c; 2 gallon, 45c. Never ordered with other goods add 10c each for packing charges.

**Hygieia Nest Egg.** This egg is almost an exact imitation of a hen's egg, but contains a powerful disinfectant which will expel lice and vermin. Much of the disease among poultry is caused by lice. Hens will not lay when troubled by lice and to increase your profits and relieve your hens use these eggs. Price, each, 7c; doz., 75c. If sent by mail add 2c extra for postage on each egg.

**Opal Nest Egg.** Clear white, flint nest eggs, will last a lifetime. Each, 3c; doz., 30c, postpaid.

**Knox's Medicated Eggs.** A superior egg, very effective and lasting. A powerful disinfectant, expelling the lice from laying and setting hens, keeping the nests free from vermin. Retains its strength but gradually reduces in size. Each, 10c; 3 for 25c; doz., \$1.00. If by mail, add 2c per egg, extra, for postage.

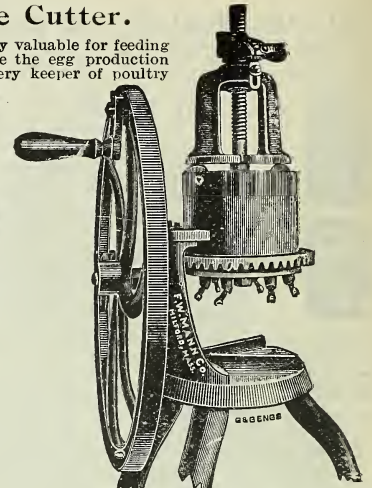
**Lost Only Five Out of Three Hundred.**

I am very pleased with the Mandy Lee Brooder. It is certainly all you claim for it and the most satisfactory brooder I have ever seen. I have had more than 300 chicks in it this spring and the weather has been all against them, but thanks to the Mandy Lee and to Germonoze which I purchased from you, I have only lost five out of the entire lot.

H. W. WARE, Des Moines, Iowa.

**Mann's Bone Cutter.**

Fresh ground bones are very valuable for feeding laying hens and will increase the egg production to a remarkable degree. Every keeper of poultry should own a bone cutter of Mann's Green Bone Cutter has been on the market for several years and is without question the best manufactured. The new model No. 7 Cutter is an improvement over other patterns, having an open hopper which facilitates cleaning the machine. This size is the easiest running hand power machine and can be adjusted to cut as desired. Price, complete with iron stand and balance wheel. F. O. B. Minneapolis, \$12.00.



Mann's Bone Cutter.



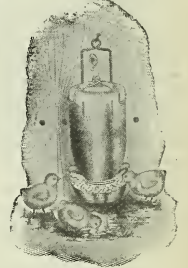
**Wire Nests.**

These nests are strongly made from heavy japanned steel wire and will last a lifetime. They are far superior to boxes, will not harbor lice and are always clean. Each, 15c; doz., \$1.50.

**Davis' Combination Food and Water Fountain.**

Most popular and best fountain ever invented for little chicks. Keeps water clean, sweet and cool, chicks can not get wet or chilled in it—better than a dozen

roup cups on this account. Makes an A1 brooder fountain, and on account of it being hung up it is impossible for chicks to tip it over and spill contents. Feeds either water or grain, grit, oyster shells, etc., and with the glass receptacle you can always see at a glance the amount of food or water left in the fountain. They are easily cleaned and filled and any ordinary bottle or fruit jar can be used with them. No bottles or cans are included with Fountains. Price, only, 25c each or \$2.60 a dozen. Postage 15c extra when sent by mail.



**Excelsior Drinking Fountain.**

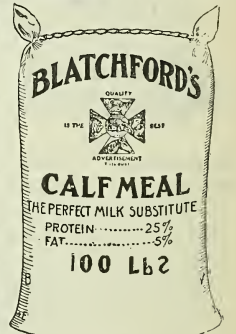
It is highly important that poultry be given plenty of pure drinking water and that it be kept in clean containers. Those fowls having disease will contaminate the rest of the flock, unless the water is kept sanitary. The Excelsior Fountain is made of heavy galvanized iron, easily cleaned and filled. Made in four sizes. Two styles, flat or conical top. Price, quart, 20c; 1/2 gallon, 35c; gallon, 50c; 2 gallons, 75c.

**Sterling Egg Boxes.** The safe transportation of valuable poultry breeders and until this style of box was placed on the market, manufacturers could find no economical package for this purpose which proved reliable or satisfactory. This box eliminates the necessity and inconvenience of using sawdust, bran or other packing material. The partitions and walls are made of heavy corrugated strawboard reducing jar and pressure to a minimum. This box is of strong construction and will safely carry its contents. It is made in several sizes convenient for all purposes.

15 Egg size, doz., \$1.45  
30 Egg size, " 2.50  
45 Egg size, " 3.25  
100 Egg size, " 5.50

**Blatchford's Calf Meal.**

There is a great demand for food for calves, substituting milk, which contains in the right proportions the elements of growth found in milk, and which will produce results equal to whole milk. This Calf Meal is a combination so nicely balanced and blended the calf enjoys the change and makes a wonderful growth. The expense is much less than milk, so it is more economical. 100 lbs. makes 100 gallons of perfect milk substitute. This meal has been manufactured for many years and all who have used it recommend it very highly. 100 lb. bag, \$3.50; 50 lb. bag, \$2.00; 25 lb. bag, \$1.00. We prepay freight charges on shipments of 500 lbs. and over, to all points in Minnesota, North Dakota, South Dakota and Wisconsin.



**Cyclone Hand Corn Sheller.** This sheller has many features not found in other machines. It is complete in itself and ready to fasten to any box without drilling holes or turning screws. The special tension spring can be adjusted to the largest or smallest ear of corn and run the cobs clean. Owing to improvements made in this sheller, pop corn can be easily shelled. It has a turned shaft, with a large picker wheel of coarse staggered teeth and a heavy ribbed frame. This is a strong, well built sheller and all parts are interchangeable. A boy can run it. Price, each, \$1.00.

**Lost Only One Chick.**

I am very much pleased with my 140-egg machine—it is very easy to manage and the brooder is the best I ever saw. Every one around here thinks that my Mandy Lee Brooder is just perfection. I have only lost one chick in it and it was a small weekly one.

F. J. COLEMAN, Evertly, Minn.



# THE "MANDY" LEE INCUBATOR

The Best Under All Conditions.

We have for several years investigated the different makes of incubators and are satisfied that the Mandy Lee will give the best results of all, being better constructed, the principles of incubation are faultless and those who have used them and are in position to know report greater success than with any other make.

The Value of an incubator can only be determined by its ability to bring from every fertile egg placed in it, and under every condition of altitude and climate, a strong healthy chick.

Mandy Lee Incubators can be relied upon to do this because, in them, the three essentials of a successful hatch—heat, ventilation and moisture—are under perfect and separate control of the operator all the time.

Eggs will hatch if hatching conditions obtain in the egg-chamber. Favorable hatching conditions, with other incubators, are dependent upon outside conditions, and when outside conditions are unfavorable a successful hatch is impossible because they have no way of making favorable conditions.

With the Mandy Lee it is different. Regardless of how unfavorable outside conditions may be you can always make favorable hatching conditions at the eggs in this machine.

It's the business machine—built for results all the time. It works equally as successfully any time or place.

There are many patented features in the Mandy Lee Incubator, any one of which is of sufficient importance to influence your decision in its favor. We mention a few of these special points none of which are found on other makes of incubators.

Perforated-tube heating system which insures an absolutely even distribution of heat to all parts of the machine.

The sheet metal air-tight diaphragm, giving all the advantages of either a hot-water or the old-style hot-air machine with none of the smoke, leaky-pipes, or other undesirable features so common to either style.

Combination egg-tray (both wire and slatted bottom) capable of instantaneous adjustment, permitting use of either style during any period of the hatch.

## Greatest Incubator Invention in 20 Years.

The only Hygrometer or Water Gauge that registers accurately in incubator temperature of 102 to 105 degrees. "Dead in the shell," "stuck to the shell," etc., are the results of improper heat and "guesswork" in moisture. When this hygrometer is used and directions followed these disagreeable features are almost entirely eliminated, the shell is properly rotted, and the chicks pop out as clean as anyone could desire. Incubator operators who have been content with 60 to 70 per cent hatches are now securing, by the aid of this hygrometer, 90 to 100 per cent hatches, and the chicks are stronger, livelier and more satisfactory in every way. New booklet, "Incubator Hygrometry," tells all about this wonderful instrument and will be sent free, on request. Price of Hygrometer, \$2.50, postpaid.

A Hygrometer furnished free, with each Mandy Lee Incubator.

**"MANDY" LEE CHICK BROODER** Just Like Mother. The Mandy Lee is the only Brooder that provides for the chick natural heat in a natural way—*direct contact heat*—while always giving access to fresh pure air on both sides of the hover.

We have never had a Mandy Lee Brooder returned. Never to our knowledge has a purchaser been dissatisfied with one, but Mandy Lees are displacing other brooders in almost every state in the union. The Mandy Lee catalog tells more about it. Price, \$12.00.



Separate control of ventilation at all times regardless of room temperature, governed by specific directions on outside of heater and adjustable instantly on heater. Simple, effective, absolutely certain in results.

Drop bottom of incubator, permitting removal of chicks from nursery without the necessity of opening the front door of the machine, and with no danger of crushing or maiming the chicks.

Attachment of lamp to heater. Secure, safe, yet easily and quickly released.

There is no question but what "Mandy Lee" Incubators are the best made. A trial will prove it. Full descriptive catalog will be sent free on request. A Hygrometer furnished with each Mandy Lee Incubator. Prices, 100 Egg size, \$15.00; 140 Egg size, \$20.00; 280 Egg size, \$30.00.

## All Strong and No Cripples.

We got a 91.5% hatch out of the 100 egg incubator. All strong and no cripples. M. G. VAN LOAN, Spring Valley, Minn.

## Perfectly Satisfied.

Out of 120 fertile eggs in the Mandy Lee I hatched out 112 strong chicks. I received better than 95% hatch, of which I am of course perfectly satisfied.

C. V. MATTHEWS, Andover, S. D.

## Important Announcement.

We have special inducements to offer this year in Incubators and Brooders, to those who combine their orders for these, with their orders for Garden and Field Seeds. Save freight charges by combining shipments and get the benefit of our unusual offer. Write us before purchasing an Incubator elsewhere.

# LEE'S REMEDIES, INSECTICIDES, ETC.

FOR CHICKENS AND HOGS



**Lee's Lice Killer.** The best preparation on the market to destroy lice, ticks, mites and fleas on poultry. It is very easily used, being poured on the roosts and sprayed on the walls of the coop at night. It does away with nine-tenths of the labor formerly required in dusting, greasing or dipping and does the work more thoroughly and satisfactorily in every way. Vermine must be destroyed if your poultry is to yield a profit. Lee's Lice Killer is guaranteed to destroy all vermine. Qt., 35c; 1/2 gal., 60c; gal., \$1.00.

**Lee's Egg Maker and Chick Grower.** This is made largely of granulated blood, the most highly concentrated form of meat food, one pound of which is equal to 16 pounds of fresh meat. That fact alone should convince any poultry raiser of the value of this food as an egg producer or a chick grower. It will increase the egg production, keep the fowls in good condition and take the place of all other meat food, at a large saving in the feed bill. 2 1/2 lb. package, 25c; 5 1/2 lb. package, 50c; 25 lb. pail, \$2.00.



**Lee's Insect Powder.** We do not recommend the use of insect powder except on setting hens and little chicks, for which Lee's Insect Powder is especially desirable during the hatching season. On older fowls we consider it better and more effective to use Lee's Lice Killer but to those who prefer to handle their fowls, we would say that Insect Powder will do the work when properly used. It is put up in 1 1/2 lb. sprinkler top cans, making it very convenient for use. Price, 25c; will be sent postpaid for 45c.



**Germozone.** This is a germicide, a bowel regulator, the best preventative and cure for these diseases, the best poultry medicine in the world. It has wonderful cleansing, purifying and antiseptic and healing properties. Equally good for little chicks or older fowls. Given twice a week in the drinking water it keeps the poultry healthy. In tablet form, by mail, 50c, postpaid. In liquid form, by express only at purchaser's expense, bottle 50c,



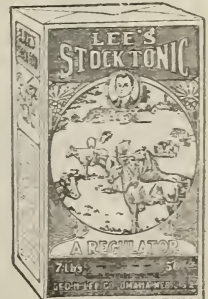
and in many other ways.

**Lee's Worm Powder.** All kinds of stock are subject to are often badly affected before the owner is aware of this malady. Lee's Worm Powder, is a remedy for this malady and is also a preventative. Full directions for use accompany every package. 1 lb. package, 25c.

**Lee's Best Conditioner.** For horses, colts, cattle, calves, sheep, lambs, swine and poultry. It is an appetizer, digestive assistant and corrective of all stomach, liver and bowel disorders. If your animals are not doing well, try this powder. It will make all stock thrive better and grow faster, reaching marketable size more quickly and at less expense. It is highly concentrated and the best and cheapest remedy for all stock. 2 1/2 lb. package, 25c.

**Book on Poultry and Live Stock.** This book gives full and valuable information as to the raising and care of poultry and the proper treating of disease and insects on live stock. It also more fully describes the remedies listed above. This book will be sent free to our customers or intending purchasers.

**Lee's Hickory Smoke Flavor.** A liquid smoke, made from green hickory wood. Applied to meat with a brush, it preserves it indefinitely and imparts that delicious flavor obtained by exposing for a week or more to the smoke of green hickory wood. 12 oz. bottle, 35c; 4 oz. bottle, 75c.



**Lee's Stock Tonic.** For horses, cattle, hogs and sheep. It aids digestion, increases the food value by enabling stock to better digest and assimilate every pound of food given. Cattle on forced feed are in an unnatural condition, and unless they are toned up, the process is frequently disastrous. What is needed is not condiments but tonics, which will build up the system and assist the animal to digest all the food given it. Lee's Stock Tonic is intended for this purpose and has proved successful. 7 lb. package, 50c; 12 lb. sack, 75c; 25 lb. pail, \$1.60.

**Lee's Dip.** A coal tar product and leads all others in the four principal points of dip excellency—purity, strength, solubility and uniformity. Used mostly for clipping cattle, sheep and hogs, to kill lice and ticks and to cure mange, scab, etc. Recommended, as a disinfectant for use in hospitals, public buildings, hotels, school rooms, cars, stables, kennels and foul cellars, and, in fact, any place where a reliable disinfectant or germicide is needed. Valuable also as an antiseptic 1/2 gal. can, 60c; 1 gal. can, \$1.00.

# INSECTICIDES AND GERMICIDES

**Arsenate of Lead.** The most effective of all insecticides for spraying purposes. Especially adapted for use on tender plants and foliage. This can be successfully used to suppress leaf-eating insects. Arsenate of Lead is more sticky in character than any other insecticide, and for this reason is sometimes used where it is desirable that the poison should remain longer on the foliage. Then again, it is particularly good for extremely delicate foliage as it positively will not burn. Use in proportions of 2 to 3 pounds Arsenate of Lead to 50 gallons of water, or two to four pounds of Lead to 100 gallons water if a weaker solution is desired. You can judge best of the strength to be used by your local conditions and uses. Price, 1 lb. can, 25c; 5 lb. can, \$1.00; 10 lbs., \$1.75; 25 lbs., \$3.75.

**Bordeaux Mixture.** Prevents Blight, Rot, Mildew, Specks and Spots. Increases Crop Yield 15 to 25 per cent. Average cost 3/4 Cent per Gallon. Ready for use. One gallon makes 50 gallons Spraying Compound by simply adding 49 gallons of water and stirring. Prices: qt., 40c; 1/2 gallon, 60c; 1 gallon, \$1.00; 5 gallons, \$4.50.

**Lion Brand Bordeaux Mixture** has been made continuously from the same scientific formula for over twenty years and has stood every test by leading agricultural stations throughout the country, absolutely the best Bordeaux Mixture made or possible to be made.

There is no question about the necessity of spraying fruits and vegetables.

There is no question about the profit in doing so. Sprayed crops produce from 15 to 25 per cent more.

Sprayed fruit and vegetables sell for very much higher prices.

You may have poor crops and not know the reason.

Possibly you didn't know that blight causes the rot on tomatoes.

Your melon or cucumber patch may have withered up in twenty-four hours without your understanding the cause.



A magnificent field of potatoes to-day may to-morrow be a burnt up, shriveled up disappointment, owing to the blight.

**Conkey's Fly Knocker.** An instant relief from the attacks of flies and other troublesome insects on horses and cattle. Flies not only carry disease germs from one animal to others, but sometimes drive cows and horses into a frenzy by their incessant attacks. Fly Knocker will drive pests away from the barn or other places where it is used. It may be applied very easily and at small expense by using the Excelsior Single Tube Sprayer. One ounce of liquid will spray two animals. Price, 1 quart, 35c; 2 quarts, 60c; 1 gallon, \$1.00. Express or freight charges to be paid by purchaser.

**Formaldehyde.** The loss to the farmers of the United States from Smut and other fungous diseases of wheat, barley, oats and other grains amounts to millions of dollars every year. The spores or seed of the fungus are on the seed grain which you plant; when the grain sprouts and grows the fungus grows too; it follows up through the stalk into the blade and into the ear, and the result is blighted plant, smut grains and a diseased yield of inferior quality. The same holds true of Scab which has proved such a blight to the Irish potato crop.

Can you afford to use it? The price of a bushel of wheat expended for Formaldehyde will add several bushels to the next harvest. It takes as much land and labor to raise a light crop as a heavy one. Think it over. Sold only in original sealed bottles, 1/2 pt., 30c; pt., 50c; 5 pts., \$2.00; gal., \$2.75; 5 gal., \$13.00. Directions for use are found in our booklet, "Formaldehyde for Grain and Potatoes," which is sent free on request.

**Grafting Wax.** It is important that the wax should not soften and run after having been applied to the graft. Ours is made with this particular feature in view. It will not soften in the sun so as to run. It is, however, easily worked with the hand when being applied. If used in very cool weather, it may be more quickly softened by holding it over the stove for a few moments. Besides its use for grafting, it is excellent if applied to young trees and shrubs if barked, and will remain on and prevent rot until the wound is covered with new bark. 1 lb., 35c; 1/2 lb., 20c; 1/4 lb., 12c. If by mail, add at the rate of 15c per lb.

**Hellebore.** Pure Powdered White Hellebore is one of the best insecticides for general use on plants and vegetable foliage. Destroys insects that eat the leaves and flowers, such as Slugs, Caterpillars, Currant Worms, Cut Worms, and if mixed with Bran, Rose Bugs, and, in fact, most all the eating insects that pester the gardener and grower of plants. Hellebore is easily applied, safe to use, and can be applied either dry or in water. When used with water, 1 ounce to 2 gallons is the usual proportion. If used dry as it is, it is applied by dusting. Price, 1/4 lb., 10c; 1/2 lb., 15c; 1 lb., 25c; 5 lbs., \$1.00; 10 lbs., \$1.75; 25 lbs., or more at 16c a lb. If by mail, add 15c per lb. extra.

**Kerosene Emulsion.** A safe and sure remedy for all Lice trees at times. It will destroy the Mealy Bug, Squash Bug, Oyster Shell Scale and all insects that take their nourishment through a proboscis. It is put up in a concentrated form, and dilutes with water from 10 to 30 times its bulk, according to the amount of insects on the plant. It is also used on the San Jose Scale a great deal when it is in the early stages. Apply with a vaporizer or with a pump the same as our other remedies. For plum curculio spray just before the blossom buds open, and the second time two weeks after the petals fall. Adding a little Paris Green at this time will kill the leaf lice, aphides, bugs and other insects injurious to fruit and foliage. Spray the third time, about June 10th, with the plain Emulsion. *Woolly Aphids of the apple.*—Same treatment as for the Plum Curculio. It is also useful to apply to roots of plants to destroy tender larvae. Quart, 40c; by express only at purchaser's expense.

**Kreso.** A most effective disinfectant and deodorizer. Recognized by all stockmen and breeders as indispensable on every farm. Kreso will be found of value in many ways. Kills germs, ticks, lice and fleas. Prevents contagion and infection and purifies the air. Cures scab, mange, wounds, cuts and bruises. Stops fermentation and decay. Descriptive booklet, "Insect Pests, How to Control Them," sent free on request. Full directions with every order. 1/2 pt. bottle, 20c; pt. bottle, 30c; qt. tins, 50c; 1/2 gal. can, 75c; gal. can, \$1.35; 5 gal. can, \$1.25 a gal; 10 gal. can, \$1.15 a gal; 25 gal. barrel, 85c a gal; large barrel, 80c a gal.

**Kreso Dip.** The same solution as Kreso with the addition of soluble sulphur. For dipping all kinds of stock.

Kreso Dip as a disinfectant has the remarkable property of being able to destroy the most resistant disease germ in one minute, when used in the proportion of 1 part Dip to 99 parts warm soft water. Kreso Dip as an insecticide destroys quickly almost all forms of living insects, which include fleas and ticks, and it drives away flies. For this purpose alone it is very valuable. Use 1 part Kreso Dip to 75 parts warm soft water. Kreso Dip as a parasiticide, in solution of 1 part Dip to 75 parts of soft, warm water, kills lice, scab mite, mange mite, and in fact any parasite of this description. Successfully used for ridding the animal of all troubles of a parasitic nature. 1/2 pt. bottle, 20c; pt. bottle, 30c; qt. tins, 50c; 1/2 gal. can, 75c; gal. can, \$1.35; 5 gal. can, \$1.25 a gal; 10 gal. can, \$1.15 a gal; 25 gal. barrel, 85c a gal; large barrel, 80c a gal.

**Lemon Oil.** Destroys mealy bug, scale, thrip, red spider, etc. One of the best known insecticides, cheap, safe and effectual. It can be applied as a spray or as a wash and has a pleasant odor. Highly recommended for house plants, palms, etc. Dilute with water 30 to 50 parts. 3/4 pint, 35c; by express only at purchaser's expense.

**Nico-tume Liquid.** A very effective remedy for green fly and other insects which infest Roses, Sweet Peas and other plants. For spraying or fumigating. Price, 1/4 pint, 50c; pint, \$1.50; by express only at purchaser's expense.

**Paris Green.** Lavanburg's Star Brand. Much harm and heavy loss has resulted in the past, from the use of inferior grades of Paris Green, and because of this fact the trend is now as it should be, toward an honest article made by reliable manufacturers. In several states by legislative enactment, Paris Green is permitted to be sold only for agricultural purposes in original packages. This restriction was made necessary because of the fact that there has existed a strong temptation to adulterate Paris Green with some harmless ingredient that costs less than Paris Green and is not easily detected until it fails to do the work that Pure Paris Green ought to do.

Many consumers of "bug poison" believe, on account of arsenic being the active agent in Paris Green, it can be further used as a mixture and not materially injure the quality. This is not true, because arsenic must be chemically combined with sulphate of copper in the right proportions to secure best results as a poison, and only excess of uncombined arsenic will have a tendency to scald the tender leaves of growing vegetation. Use the best Lavanburg's Star Brand label on a package of Paris Green is a guarantee that the contents is absolutely pure and made to conform with the strict requirements of any state in the United States. It is put up in red labeled boxes. Price, 1/4 lb. box, 10c; 1/2 lb. box, 18c; 1 lb. box, 30c. Write for special prices on large lots.

**Slug Shot.** A non-poisonous powder and very popular insecticide. It requires no further mixing or preparation, easily applied and not injurious or dangerous to animals, the person applying it, or fruits or vegetables treated. Destroys potato bugs, beetles, green and black fly, slugs, caterpillars, worms, etc. Very effective for cabbage lice and worms. Price, 1 lb. carton 15c; by mail, 30c; 5 lbs., 35c; 10 lbs., 65c.

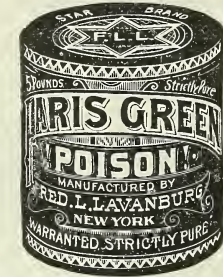
**Sterlingworth Sulphur Candles.**

These candles are packed in flat tin boxes, each containing a large round tin in the center which, when once lighted, stays lighted until every particle of sulphur is consumed. The tin in which the candle is moulded permits its being set in a dish of water and as the tin is heated by the burning sulphur, the water in the dish becomes heated and throws off a steam which unites with the sulphur fumes, making them far more deadly than the ordinary sulphur would be. The candle weighs seven ounces. These candles are safe to use and easy to light. They produce a deadly vapor fatal to insect life and disease germs. This candle will thoroughly fumigate a room 12x15 feet. Price, each, 20c, postpaid. By express or freight, each, 12c.

**Sulpho-Tobacco Soap.** A wonderful insect pest exterminator. Unsurpassed for quickly exterminating all insect life on plants and flowers in and out of doors. Excellent for rose bushes, shrubs, etc. This popular insecticide never fails to give satisfaction and is cheap, effective, clean, harmless and non-injurious to the tenderest growth. For domestic purposes it rids the house of cockroaches and is a superior wash for dogs and all other animals. A trial will give highly gratifying results. 3 oz. cake sufficient for 1 1/2 gallons prepared solution, 10c; mailed postpaid, 13c; 8 oz. cake, sufficient for four gallons prepared solution, 20c; mailed postpaid, 28c. Free with order for Sulpho-Tobacco Soap we will, if asked for, enclose a booklet, "The Window Garden."

**Whale Oil Soap.** This is a caustic Potash Soap made from pure fish oil and is free from animal fats or other adulteration. Makes an excellent wash for trees and plants where insects and eggs effect the bark, including the San Jose Scale; also used for smearing on trees to prevent worms crawling up. Lb., 15c; postpaid, 30c.

**Sterlingworth Plant Food Tablets.** Contain Nitrogen, Ammonia, Phosphoric Acid and Potash. A new scientific odorless, concentrated fertilizer for potted plants and vegetables. Takes the place of liquid manure. Used by dissolving in water. These tablets drive troublesome insects and worms from the soil. They are odorless, non-poisonous, and are clean and easy to handle, and owing to their concentrated form are far superior to other plant fertilizers which are composed largely of waste material and useless filler. If your plants are not doing well, try Sterlingworth Plant Food Tablets, and see how quickly they are benefited. Trial size box, sufficient for 10 house plants for 3 months, 10 cents, postpaid. Box, sufficient for 35 plants for 3 months, 25 cents, postpaid.



# FERTILIZER AND LAWN DRESSING

Good Profits can only be Obtained from Good Crops

NORTHRUP, KING & CO.'S STERLING FERTILIZERS

will prepare the soil so that it can be depended upon to produce good crops.



The importance of a productive soil can scarcely be estimated; profitable crops cannot be grown on this poor soil. It is essential to the interest of the farmer that he not only gets pay for his labor and a profit besides, but that he also keeps his land in fertile condition. This can be done by fertilizing if the ingredients are bleinded in the right proportion; if neglected, the farmer will eventually be forced to abandon his farm. The fertilizers under the name of Sterling contain elements which continual cropping has taken from the ground that must in some way be replaced. Scientific plant feeding was a mystery until the last few years; the old Greeks knew that bones made their vines grow, but they did not know why. Liebig, a celebrated German chemist, discovered that all soil deteriorated by continual cropping and shipping away of its products; the nitrogen, phosphorus and potash were soon exhausted, after which no profitable crops could be grown until these missing elements were supplied. Agriculturists then began to search for materials containing these ingredients, and the fertilizer business of today dates from Liebig's discoveries. The use of fertilizers on the continent of Europe has doubled the yield an acre on almost all crops grown, so it is just as necessary to feed your land as to feed your live stock; you cannot get something for nothing. Our Sterling Fertilizers will replace on your farm what previous crops have removed. They are natural plant foods; they come from the farm and should be put back there. "Sterling" Fertilizers are recommended with as great confidence as Sterling Seeds; they are blended in the right proportions by those who have made a life-long study of this subject.

## N., K. & Co.'s Sterling Fertilizer No. 1.

For Market Gardeners and Truckers.

Consists principally of bone, blood and potash. This brand is the best for all garden crops, invaluable for either professional truckers, private or market gardeners. It is made of dissolved bone meal, nitrate of soda, dried blood, with potash in the form of sulphate added. Is easily applied either before or after planting by sprinkling the surface of the soil and raking in. Sow 200 to 250 lbs. per acre, sown broadcast or drilled in. Price, 100-lb. bag, \$2.65; 200-lb. bag, \$4.80; ton \$44.50.

## N., K. & Co.'s Sterling Fertilizer No. 2.

For Onions, Potatoes and General Fruit and Root Crops.

This brand is especially adapted for the crops mentioned, having plenty of potash and enough nitrogen to back it up. We advise not less than 400 lbs. per acre, for the best results. When a clover or green crop is plowed under before planting, 200 lbs. per acre would be sufficient. Price, 100-lb. bag, \$2.00; 200-lb. bag, \$3.60; ton, \$33.25.

## N., K. & Co.'s Sterling Fertilizer No. 3.

For Seed Corn.

Seed corn is one of the most important crops of the Northwest and we doubt if anything will show a larger proportion of profit if properly handled. This special brand will produce results that will surprise you. Use 200 to 300 lbs. per acre. Price, 100-lb. bag, \$1.75; 200-lb. bag, \$3.10; ton, \$28.75.

## N., K. & Co.'s Sterling Fertilizer No. 4.

For General Farm Crops.

A blend put up especially to meet the demand for a general purpose fertilizer. One that is suitable for all field, farm and grass crops. Distribute from 200 to 300 pounds an acre according to condition of soil. Price, 100-lb. bag, \$2.45; 200-lb. bag, \$4.40; ton, \$40.60.

## Excelsior Plant Food.

An odorless, concentrated, soluble fertilizer for house plants; contents of each package guaranteed to contain enough for 30 plants for three months. Directions accompany each package. Price, package by mail, postpaid, 25c. By express at purchaser's expense, doz. packages, \$2.50.

**Gypsum or Land Plaster.** 200-lb., bag, \$1.50; ton, \$12.00.

To those, if any there be that doubt the efficacy of fertilizing the land, we say, try an acre or two as an experiment. The result will speak for itself. Our prices include sacks and cartage to depot in Minneapolis.



## Northrup, King & Co.'s Sterling Lawn Fertilizer

is the result of careful study, experiments and experience. It contains in just the right proportions, a concentration of the elements which nourish and feed grass into luxuriant growth. It produces a rich, green color, and insures a permanent evenness over the whole surface of your lawn. It is not unpleasant to handle, being odorless, and as it is dry and fine, it is easily put on. Two or three applications in a season, at the rate of a pound to every one hundred square feet, will keep your grass in flourishing condition—perfectly healthy and able to stand any amount of sun if well watered. We make but one kind of lawn dressing—the Sterling. Price by express or freight, bag of 10 lbs., 55c; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.00; 500 lbs., @ \$2.75.

**When and How to put it on Your Lawn.**

The first application should be in the early spring—just as soon as the frost is out of the ground. Scatter it by hand carefully and evenly, so the distribution will be uniform. Use from ten to fifteen pounds on every thousand square feet and if it can be put on just before a rain, so much the better. If unable to do this, wet it down with a hose as soon as possible after applying. If the weather is very hot and dry, put the dressing on early in the morning or late in the evening, and wet it down at once. If your lawn is new, double the quantity of dressing for each thousand square feet, sow it broadcast and rake it before seeding. Thin or light colored spots in a lawn should have extra treatment, which will speedily restore them to vigor and color.

**For Flower Beds.**

Free blossoming can be induced, or increased, by judicious use of Sterling Fertilizer. Sprinkle it carefully in the beds and both foliage and blossoms will be large and vivid in color. A teaspoonful or so stirred in the soil about the roots of each plant two or three times during the season will give you astonishing results. Always water plants thoroughly after fertilizing.

**For House Plants.**

A teaspoonful of Sterling Fertilizer dissolved in a quart of water and this solution poured around the roots of house plants will greatly invigorate them. Scatter the solution while pouring so as to keep it well mixed, and apply as often as the plants seem to need it—say every week or ten days, or until they are as healthy as you wish.

**Nitrate of Soda.** A fertilizer very quick in action and used for the nitrogen it contains. It creates rapid growth, is odorless, very quickly and entirely soluble. It should be applied only when the plants are above ground, usually in combination with other chemical fertilizers. We will without charge, if requested so to do, send information regarding the use of Nitrate of Soda on any farm or garden crop in which you are interested. 100-lb. bag, \$4.50; 200-lb. bag, \$8.00; 1000 lbs., \$35.00; ton, \$65.00. Bags free.

**Muriate of Potash.** A form of potash salts to be used with bone meal and pure dried blood or natural fertilizers on fruits, celery, asparagus, corn, oats, turnips, cucumbers, grapes, carrots, onions, peas, clover and beans. It should not be used on potatoes, flax, sugar beets, cabbage or cauliflower. 100 lbs., \$3.50; 200 lbs., \$6.50; 1000 lbs., \$30.00.

**Sulphate of Potash.** This fertilizer is used on all crops, but especially on tobacco, potatoes, sugar beet, cabbage and cauliflower. It is the best for greenhouse use; may be applied either dry or in solution, tablespoonful in twelve quarts of water is the usual amount. 100 lbs., \$3.75; 200 lbs., \$7.00; 1000 lbs., \$33.00.

**Pure Dried Blood.** Confidently recommended where a high nitrogenous fertilizer is required. 100-lb. bag, \$3.75; 200-lb. bag, \$6.75; ton, \$65.00.

**Pure Raw Bone Meal.** Finely ground and of first quality; decomposes rapidly in the soil.

Ammonia.....	.4 to 5 per cent
Phosphoric Acid.....	.24 per cent
Bone Phosphate.....	.40 to 45 per cent
100-lb. bag, \$2.25; 200-lb. bag, \$4.05; ton, \$37.50.	

## Canada Unleached Hard Wood Ashes.

Highly recommended for garden and field crops. Improves the texture of the soil and is indispensable for all crops requiring potash. Drives away insects. Price, 200-lb. sack, \$1.75; ton, \$16.00.

## Pulverized Oyster Shells for Fertilizing.

200-lb. bag, \$1.50; ton, \$12.00.

**Sheep Manure.** This is the best and strongest in fertilizing and enriching elements, as it contains Nitrogen, Phosphoric Acid, Ammonia and Potash in liberal proportions. Produces immediate and lasting effect. Promotes steady and rapid growth. It is very convenient to handle and easy to use. It is in concentrated form, in fact the most efficient and practical fertilizer of today. Sheep Manure is carefully selected, dried, pulverized and screened.

**For Lawns.** Pulverized Sheep Manure is the best possible fertilizer for the lawn. It should be applied by sprinkling lightly over the grass, much as one would sow grass seed. It requires no raking in. The color is not conspicuous and there is no objectionable odor.

**For the Garden.** After the crop has been harvested in the fall, the garden should be given a good coating of Sheep Manure. In the spring put on another light coat and turn it under, or sow lightly in the rows. By the use of this fertilizer large crops will result, they will mature early and they will be of superior quality. This product is the best fertilizer for the home garden yet offered.

**For Liquid Manure.** Use one pound of Sheep Manure to five gallons of water. This makes a safe mixture and may be used liberally when plants need watering.

**For Public Parks.** Sheep Manure is used on some of the best public parks in this country, including the beautiful park system of Minneapolis. It is more efficient, easier to apply and has less odor than other fertilizers and does not have to be raked up.

**For Corn and Potatoes.** Can either be used broadcast or by applying directly to each hill (apply two handfuls to a hill).

**For Truck Garden.** Sheep Manure is the best fertilizer for the truck garden, producing better and earlier crops of onions, celery and other vegetables.

Price, 10 lbs. 30c; 25 lbs. 50c; 50 lbs. \$1.00; 100 lbs. \$1.75; 1000 lbs. \$15.00; ton, \$22.00. Bags free.



Root of Grass Showing Need of Fertilizing



Root of Grass Showing the Effect of Using Sterling Lawn Fertilizer.

**Thompson's Wheelbarrow Seeders.**

The best machine for sowing all kinds of grass seeds. Does not waste the seed, but distributes it uniformly over the ground. Can be set to sow any quantity of any kind of grass seed, including Clover, Timothy, Blue Grass, Bromus Inermis, etc. Seed can be sown on a windy day as the hopper is set close to the ground. It runs very easily and 30 to 40 acres a day can be seeded without difficulty, and the work will be done better than with any other machine. Note the different sizes and prices. The only difference is in the hoppers, and all hoppers fit the same wheelbarrow.

No. 1. For sowing all small seeds like Alfalfa, Timothy, Millet and Clover. 14 ft. hopper, price, \$7.00; 16 ft. hopper, price, \$7.25.

No. 2. Has a double hopper and sows all small seeds like Clover, Timothy, Millet, Alfalfa, also all chaffy seeds like Red Top, Orchard Grass and Blue Grass. 14 ft. hopper, price, \$9.00.

No. 6. In some localities the No. 1 Seeder did not sow enough seed to the acre. The No. 6 Seeder was designed a few years ago to meet these requirements. It sows the same kind of seeds as the No. 1 Seeder—all Clovers, Timothy, Hungarian, Alfalfa, Millet, Rape, Flax and other seeds of similar character, in quantities from four to twenty quarts to the acre. For the extensive sowing of Alfalfa we recommend the No. 6 Seeder. Price, with 14 ft. hopper, \$7.00.

No. 8. For sowing Bromus Inermis. Will not clog and distributes any quantity evenly. Will sow also other grass seeds. 10 ft. hopper, price, \$10.00.

We can quote you price on any Garden or Farm Implement, manufactured in the United States. Write us for prices.

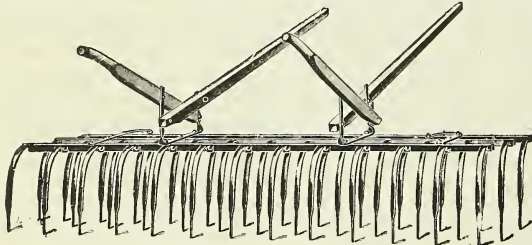


Planet Jr. Seeders are offered on page 132.

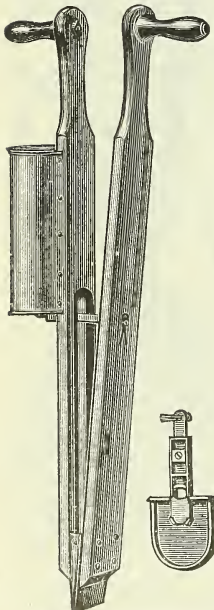


Thompson's Wheelbarrow Seeder. Hallock Success Weeder.

This machine will cultivate anything. The teeth are flat steel with round points, allowing a rearward flexibility but no side motion. The teeth are removable so as to be adjusted to any width of row. The depth of cultivation can be varied from one to two inches. It will destroy weeds better than any other cultivator. An ideal weeder for corn, potatoes, cabbage, sugar beets, etc. Walking Weeder, 39 teeth, 7½ ft., weighs 90 lbs. Price, \$8.50. Riding Weeder, 36 teeth, 12 ft., weight 350 lbs. Price, \$23.00.



Hallock 7½-foot Walking Weeder.



Acme Corn Planter.

**Acme Corn Planter.** Works in any soil; has a flexible and adjustable iron drop, and does not wear the brush. It has an iron seed box and iron channel. The foot is made of polished steel. It is well made, strong, durable, reliable and gives universal satisfaction. Price, \$1.00.

**Triumph Hand Corn Planter.** A pioneer implement in this line and one that has always been popular. It is light and easily handled, yet strongly made, and with reasonable care, should last a long time. It works on any soil and never clogs. The operator can see the corn deposited in the ground. Price, \$1.00. When desired we furnish the Triumph Planter, with an extra compartment in lower end of hopper, and an additional seed slide for planting pumpkin seed at the same time with corn. Price, \$1.15.

**Eureka Potato Planter.**

A light tubular planter. Its spring-closed jaws are especially designed to enter the soil easily, yet open wide enough to drop the largest seed. The dropping lever is adjustable for any depth of planting. The conveyor tube is galvanized iron. Price, each, \$1.00.



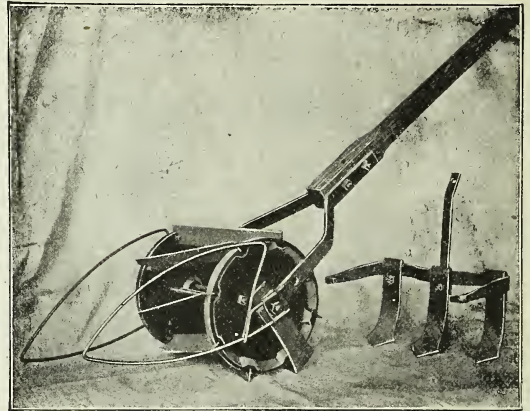
Potato Planter

**Barker Weeder and Mulcher.**

This is the most practical, as well as the most up-to-date, hand cultivator ever offered, doing far better work than any ordinary cultivator; with small pointed shoes or hoes. The Barker is made on the principle of a lawn mower, the long revolving blades working up the surface of the ground thoroughly, cutting the weeds and separating them from the soil, so that they are easily destroyed. There is only a steady forward motion with the Barker and no jerking back and forward, so that the operator accomplishes again as much as with an ordinary implement. The work of this machine is also more effective, as no weeds can be missed and a fine mulch is left over the surface of the ground, which prevents the evaporation of the moisture.

With the Barker you do the work better, quicker and save yourself the extra labor of the see-saw motion that is necessary to do effective work with any of the other hand weeders.

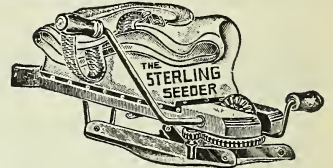
The Barker is made in three sizes, viz: 6-inch cut, 8½-inch cut, and 11-inch cut. Each machine is fitted up with leaf guards and tooth attachment. The 8½-inch cut is the standard size for onion sets and ordinary market garden crops. The 6-inch is for lettuce and crops that are planted in close rows. The 11-inch for crops that are planted from 14 to 18 inches apart in rows. Either size complete with all attachments, price, \$5.00.



Barker Weeder and Mulcher.

**Sterling Broadcast Seed Sower.**

This seeder will sow any seed that is sown broadcast, such as oats, wheat, rye, flax, millet, clover, timothy, grass seed, etc. It can be very readily adjusted to suit the seed being sown. The feed plate and agitating device are of heavy sheet steel and all adjustments of spring steel. The hopper is of heavy duck and holds about one-half bushel. This machine has also a patented interlock, double flange, non-solder-joint distributing wheel, which is itself worth the price of the sower. Our customers will find it to be the strongest, neatest and most compact hand seed sower made. It will be sent as a premium, as mentioned on page 108 or alone by either freight or express, on receipt of \$1.00, customer to pay transportation charges.

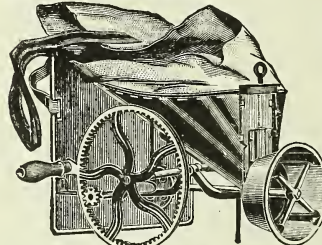


**The Eureka Seed Drill.**

This little handy garden drill is designed only for small gardens, hot-bed, etc., and is not expected to be used for extensive planting like the large drills. It is offered at a very low price and for the purpose intended will do the work well and give satisfaction. You can get close up to the sides of your hot-bed with this drill and save filling in by hand the ends of the rows. Price, each, \$1.00.

**Cahoon Seeder.**

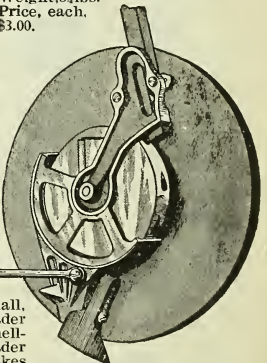
It will seed evenly, 4 to 6 acres an hour. It will scatter the following distances: wheat, barley, rye, 25 ft., clover and timothy, 18 to 20 ft. The bag and hopper hold about 22 qts Weight, 5½ lbs. Price, each, \$3.00.



Cahoon Seeder.

**Seed Corn Grader.**

There are several advantages in grading seed corn as to size. If you have three sizes of corn the planter may be adjusted for each providing the corn has been carefully sorted. The Seed Corn Grader does just this work. It takes out the large irregular grains, the uniform large grains and the small, round and thin kernels. The single screen grader will grade perfectly by first breaking off or shelling the small tip grains. The double screen grader does not necessitate this. The second screen takes care of the small and thin ones. Will increase your Eureka Seed Drill. Crops and pay the cost of the screen many times over the first season. Price Single Screen Grader, \$1.00; Double Screen Grader, \$1.50.



# Garden Requisites.



**Asparagus Knife.** A drop-forged saw-tooth knife, very desirable in cutting asparagus without damaging the plant. It is also very useful in cutting weeds out of the lawn. Neat birch handle. Each, 35c. Sent postpaid for 45c.



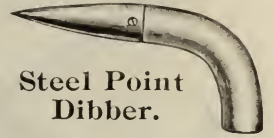
**Telegraph Tree Pruner.** This blade is thin, and being supported on both sides, will cut both small twigs and larger branches more easily and much better than other pruners. It does not tear the bark nor crush the wood but makes a clean cut. The blade can be taken out and easily sharpened or a new one put in its place. There is a steel coiled spring for throwing out the blade. The socket has a thread on the inside, and can thus be easily screwed on to a pole of any length. No poles furnished. Price, each, \$1.00. Extra blades, 15c. Extra springs, 15c.

Tree Pruner.



## Pruning Shears.

Constructed with a powerful draw cut blade, volute spring, polished blades, black finish, length 9 inches. Easy action, strong cutting power. Each 65c.



## Steel Point Dibber.

For transplanting vegetable plants; steel point. Each, 30c. f by mail, 40c, postpaid.



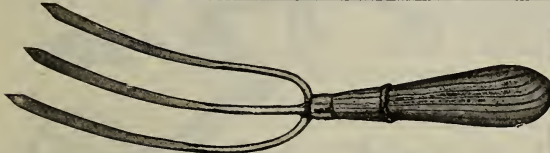
## Cleve's Angle Trowel.

This handy digger was originally intended for digging plantains and other weeds from the lawn; its slim blade, made strong by its angular form, being suited for prying and twisting; but it has also found great favor among ladies as a flower cultivator for loosening the soil in pots and among young plants for transplanting. The blade and shank are of one solid piece of best steel, set firmly in a nice handle. Each, 25c; sent postpaid for 30c.



## Solid Steel Trowel.

We are able to offer a first-class, stout, all-steel, sharpened and polished 6-inch trowel, made in one piece and large wooden handle, at the exceedingly low price of 15c each. If by mail postpaid 30c.



## Gem Garden Spade.

Has three steel prongs hand-forged. Very handy in the garden. Each, 30c.



## Weeding Hooks.

Each, 10c; postpaid, 15c.



## Eureka Hand Weeder.

Has three, hand-forged steel prongs, bent near the ends. Short handle. Each, 35c; will be sent by mail for 45c.

## Lang's Hand Weeder.

It is becoming more popular each year. It is very conveniently used and fits the hand so comfortably that the fingers are entirely free to use whenever necessary. Also very useful in thinning seedling vegetable plants, as onions, etc. Price, 20c; by mail, 25c.



## Noyes' Weeder.

Made of steel. The cutting edge is diamond-shaped. Each, 25c. By mail, 30c.



## Christy Weeder.

Although this is of recent introduction, it is one of the best garden weeders we have yet seen. On one side it has a sharp serrated cutting edge which proves very effective with tough weeds and grass. The other side may be used for loosening the soil and for light surface weeding. It is very strong and durable, and will last a lifetime. It is handsomely finished and very easy to handle. Price, 25c each, will be sent postpaid for 30c.

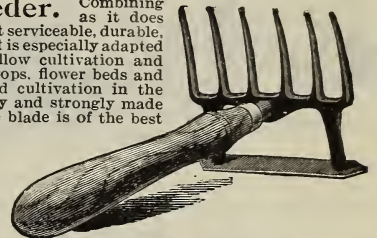


## Sheep Shears.

True Vermonter. The best sheep-shearing shears made. Make the very finest grass shears, 6 inch blades. Pair, \$1.25.

## Combination Weeder.

Combining as it does both the rake and hoe, it is the most serviceable, durable, and perfect weeder on the market. It is especially adapted to cutting weeds and grass, shallow cultivation and stirring of the soil of all garden crops, flower beds and nursery stock that requires hand cultivation in the early stages of growth. It is neatly and strongly made of malleable iron (tinned) and the blade is of the best spring steel, sharpened on both edges and points, which allows weeding close to the plants. Every one who has a garden, large or small, should have the Combination Weeder. Guaranteed to give satisfaction. Price, only 30 cents; postpaid, 40c.



## Rubber Plant Sprinkler.

This is the finest sprinkler made. It is durable, quickly and conveniently filled, throws a strong fine spray, which thoroughly washes the foliage of the plants, removing dust and insects. Indispensable for floral work, window gardening and sprinkling clothes. Price, medium, 85c; small, 65c, postpaid.



## Rose Lawn Edger.

One essential point in caring for a lawn and making it beautiful is to keep the edges well trimmed. Unless checked, the growing grass will go beyond its bounds and soon present a ragged and unkempt appearance. The Rose Lawn Edger will do all this with comparatively no labor in a very few moments. It will cut a furrow along the walk an inch or two wide, making a surprising change in its appearance. The expense is very small. The larger edger is supplied with a five foot handle; the other is for finer work and has a 12 inch handle. Price, \$1.00 for the large; 65c for the small size.

## Raffia.

The best tying material for plants. Also used extensively in basket making. Natural color, lb., 25c; postpaid, 40c. Colored; red, green, purple, blue, brown and orange, lb., 60c; postpaid, 75c. 1/4 lb. at pound rate.

## Rattan.

Three sizes, 60c, 75c, 90c per lb., postpaid 16c per lb. extra.

## Clyde Tree Pruner.

Solid steel blade and hook, positive shear cut, 20 inch hard maple handles. Pair, 75c.

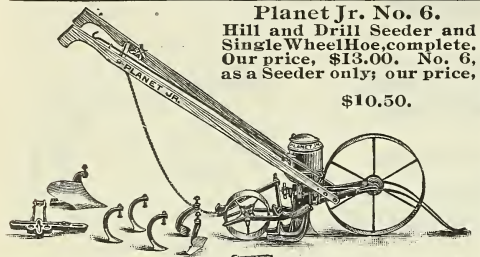
# Important Announcement

During recent years, many of our customers have enlisted our services in the purchase of Garden and Farm Implements and other Tools. Minneapolis is Headquarters of the Great North-West for all kinds of Garden and Farm Implements. Our new City Purchasing Department will be in charge of a PRACTICAL MAN of many years' experience, whose advice is at your disposal, either by mail or personal interview. Many of our correspondents are far removed from any Dealer, Town, or Post Office, and the advantages of our new department will be

readily appreciated, particularly by those thus situated. Write us for information, advice, or quotations on any kind of Implement or Tool, in fact all your anticipated needs in this line. If you should happen to know the lowest selling price for the article you need, remit the amount, and we will make the purchase for you, combining the shipment with your seed order, and thus effecting a saving for you in freight charges and other expenses. We can quote you a price upon any Garden or Farm Implement manufactured in the United States.

# PLANET JR. FARM AND GARDEN TOOLS

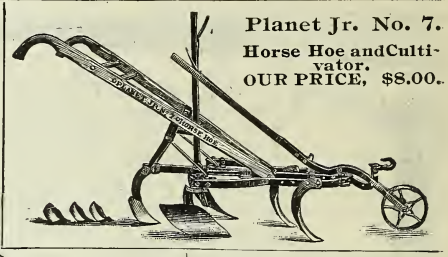
THE BEST GARDEN TOOLS IN THE WORLD. OUR PRICES ARE THE LOWEST.



**Planet Jr. No. 6.**  
Hill and Drill Seeder and  
Single Wheel Hoe, complete.  
Our price, \$13.00. No. 6,  
as a Seeder only; our price,  
\$10.50.



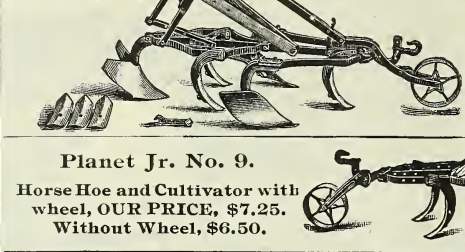
**Planet Jr. No. 81.**  
Horse Hoe, Cultivator and  
Farrower. OUR PRICE,  
\$9.50.



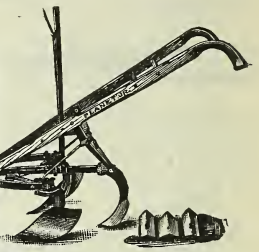
**Planet Jr. No. 7.**  
Horse Hoe and Cultivator.  
OUR PRICE, \$8.00.



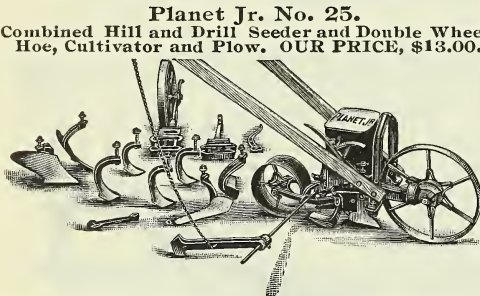
**Planet Jr. No. 4.**  
Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow. OUR PRICE, \$10.50.  
**Planet Jr. No. 4.**  
Plain, as a Seeder only, \$8.50.



**Planet Jr. No. 9.**  
Horse Hoe and Cultivator with  
wheel, OUR PRICE, \$7.25.  
Without Wheel, \$6.50.



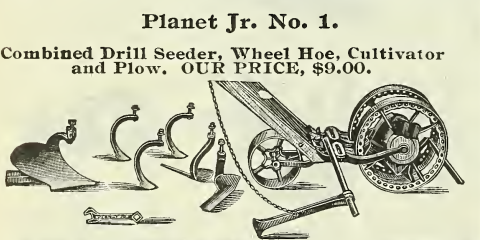
**Planet Jr. No. 17.**  
Single Wheel Hoe.  
OUR PRICE, \$4.50.



**Planet Jr. No. 25.**  
Combined Hill and Drill Seeder and Double Wheel  
Hoe, Cultivator and Plow. OUR PRICE, \$13.00.



**Planet Jr. No. 16.**  
Single Wheel Hoe, Cultivator, Rake and Plow.  
OUR PRICE, \$5.35.

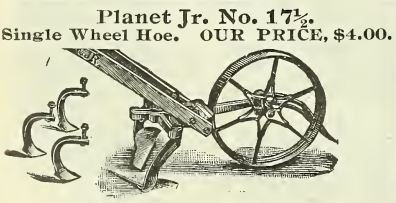


**Planet Jr. No. 1.**  
Combined Drill Seeder, Wheel Hoe, Cultivator  
and Plow. OUR PRICE, \$9.00.

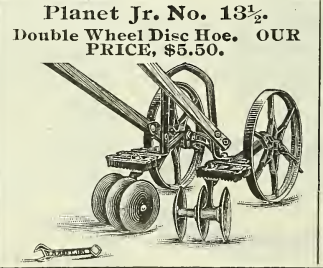
Special Planet Jr.  
Garden Tool Catalogue  
mailed free  
upon request.



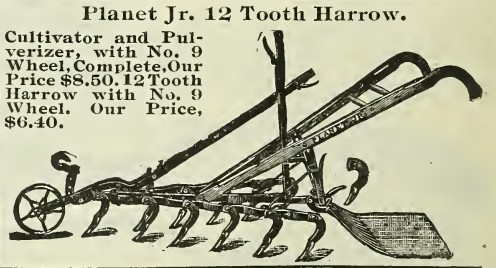
**Planet Jr. No. 38.**  
Single Wheel Disc Hoe, Cultivator and Plow.  
OUR PRICE, \$6.50.



**Planet Jr. No. 17 1/2.**  
Single Wheel Hoe. OUR PRICE, \$4.00.



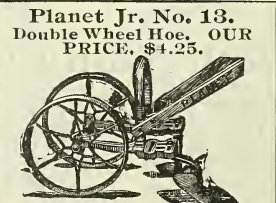
**Planet Jr. No. 13 1/2.**  
Double Wheel Disc Hoe. OUR  
PRICE, \$5.50.



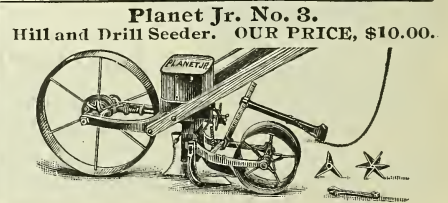
**Planet Jr. 12 Tooth Harrow.**  
Cultivator and Pulverizer, with No. 9  
Wheel, Complete. Our  
Price \$8.50. 12 Tooth  
Harrow with No. 9  
Wheel. Our Price,  
\$6.40.



**Planet Jr. No. 14.**  
Double Wheel Disc Hoe, Cultivator and  
Plow. OUR PRICE, \$7.50.



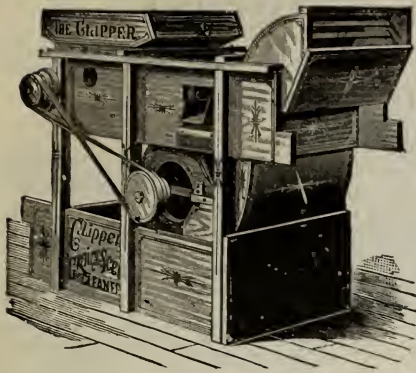
**Planet Jr. No. 13.**  
Double Wheel Hoe. OUR  
PRICE, \$4.25.



**Planet Jr. No. 3.**  
Hill and Drill Seeder. OUR PRICE, \$10.00.

We are always glad to assist customers in selecting tools for their special work.

# "Clipper" Grain and Seed Cleaner is good enough for us. Why? Because it is the Best Cleaner Made.



For a quarter of a century we have used "Clipper" Grain and Seed Cleaners in our warehouse and they have played an important part in sustaining and enhancing the reputation of Northrup, King & Co. for selling clean and perfect seeds.

We have tested every Fanning Mill on the market, and find the "Clipper" excels them all. In our business, "clean seed" is a vital question. If the "Clipper" cost ten times what it does we would rather pay the price than use a machine of some other make. These are strong statements, but we cannot say less and do justice to the "Clipper."

## How the "Clipper" Eradicates Weeds.

One reason your fields choke up with weeds is because you sow them with your seed! The way to get rid of the weeds is to clean your seed with the "Clipper" before sowing. It will take out weed seeds, light, dead seed or grain, and insure an even stand of strong, healthy plants, increasing the yield an acre, and the grade as well. That means more profit and a larger bank account, at the end of each season.

## What the "Clipper" Will Do.

The "Clipper" will clean all classes of grain and seeds, such as wheat, corn, oats, barley, rye, beans, peas, buckwheat, kaffir corn, cane seed, millet, clover, alfalfa, timothy, mustard, flax, etc., and is suitable for farm or general use. Unlike other mills, the "Clipper" cleans all classes of seeds and grains in one operation. Effectual separation of plantain from clover seed is accomplished, removing imperfect and foreign seed, as well as cleaning the perfect seed, and any other separation that from its nature is not impossible. It is the best hand mill made for grading seed corn. We have special screens for grading seed corn for Edge Drop Planter, at \$1.00 each. These come in sets, two in each set, for grading small, medium and large size kernels.

## A Fourfold Guarantee.

Every "Clipper Mill" is guaranteed, both as to material and workmanship, and is also guaranteed to excel all other seed and grain cleaners on the market. It is guaranteed by the manufacturers and that guarantee is reinforced by our guarantee.

Every farmer ought to own a "Clipper Mill." It will pay for itself over and over again by the increase in crop yields and improvement in quality. One day's trial is enough to convince anyone of its superior merits. If more information is desired we will mail "Clipper Leaflet" free, on request.

## Unusual Capacity.

The "Clipper" will handle market wheat at the rate of 40 bushels an hour and clover seed at the rate of 12 bushels an hour. No other Fanning Mill on the market will dispose of grain and seed so rapidly and well.

When you buy a "Clipper" you get necessary attachments without extra charge, including one wire and nine perforated zinc screens, equipped with separating boards.

## Exclusive Features.

Among the exclusive features of the "Clipper" we call special attention to the following:

The screens are so arranged as to be in plain view and of easy access to the operator while the machine is in operation.

Vertical air shaft, through which the draft passes upward, carrying chaff, dust, etc., through dust hood, another "Clipper" device. This is the only mill having a vertical blast.

The perfect grain or seeds fall and pass into the grain box, which holds five bushels.

The grain box has a lifting board at the end, which allows the contents to be easily scooped into sacks. This grain box is highly important, as it pre-

vents waste, makes sweeping floors unnecessary, and is just the place to store the screens and all detached parts when not in use. The steel shafting of the fan has a cone pulley, which enables you to change the speed of the fan to suit the varying weights of grains and seed.

To anyone desirous of obtaining a first-class, inexpensive and durable mill for general use, the above facts should dictate the purchase of the "Clipper."

The No. 1 Clipper Cleaner is the best all-around farm mill made. Give it a trial and you will use no other. Endorsed and used by State and Government Experiment Stations.

## Important Announcement.

We have arranged with the manufacturers for the exclusive sale of the "Clipper" Grain and Seed Cleaner, in the states of Minnesota, North Dakota, South Dakota, Iowa, Montana and Northern Michigan.

This arrangement permits us to sell the No. 1 "Clipper" for only \$21.00 f. o. b. Minneapolis. The regular price of this mill is \$25.00. Shipping weight, 150 lbs.

The No. 2 "Clipper" is a hand power cleaner of large capacity. It is designed especially for cleaning all kinds of fine seeds, such as clover, timothy, alfalfa, millet, flax, red top, blue grass, etc. This size will do any work that can be done on a No. 1, but it is not recommended as a grain cleaner if it is to be operated by hand, as more power is required than on grass seeds. We can furnish a power pulley, however, without extra charge. Ten seed screens are furnished with this mill. A set of four grain screens can be supplied for \$5.00 extra. Regular price, \$35.00. Our price, \$32.50 f. o. b. Minneapolis.

## It's a Money Maker.

*I received the Clipper Grain and Seed Cleaner in good condition and I am well satisfied with it. The No. 1 Cleaner does good work for all kinds of grain. It is the best mill that I have ever used. I have tried all kinds of grain cleaners but the Clipper is the best. Every farmer should have a Clipper Grain and Seed Cleaner because it's a money maker.*

THOMAS RIDL, Dickinson, N. D.

## Very Well Pleased.

*I bought a Clipper No. 1 Fanning Mill this spring and am very well pleased.*

JORGEN PETERSEN, Waubay, S. D.

## A Good Seed Cleaner.

*The Clipper Mill I bought of you last year is surely a good seed cleaner.*

WM. H. REES, Strandburg, S. D.

## Well Pleased.

*I am well pleased with the Clipper Grain and Seed Cleaner—does fine work.*

L. G. COONEY, Fredricksburg, Ia.

# WILD RICE

(Zizania Aquatica.)

Unequaled as an attraction for wild fowl. We annually supply many thousand pounds of this seed to gun clubs, and to owners of shooting preserves in this country and Europe. For years we supplied Wild Rice Seed in its dry form, but the germination results were not satisfactory. Professor Scofield spent two years in investigating and experimenting and finally discovered that the secret lay in not allowing the seed to dry from the time it is gathered until it is planted. Our arrangements are such that seed gathered say Tuesday, is shipped in water, and is in our hands in Minneapolis Thursday morning, and is at once placed in tanks in cold storage, where it remains until it is sent out on orders. In shipping we pack the seed in wet moss, so that it will reach any part of the United States by express in perfect growing condition. The seed may be planted at any time, although the fall is preferable. From seed so saved Wild Rice may be established in any soft bottom fresh water slough or pond in the United States. It spreads rapidly, and where Wild Rice grows ducks will come.

Explicit directions for planting are found in our booklet "Wild Rice," which gives an interesting story of Wild Rice and fully explains its various uses. This booklet will be sent free to anyone interested in this subject.

Our supply of seed, gathered last fall, although large, was entirely exhausted owing to the many orders we received. We are booking orders for delivery after harvest, 1910, subject to crop conditions.

Sent by express only at purchaser's expense on receipt of price. No order filled for less than 25 pounds.

25 lbs. at 25c a lb.; 50 lbs. at 24c a lb.; 100 lbs. or more at 22c a lb., packing charges included.

## Parched Wild Rice as a Food.

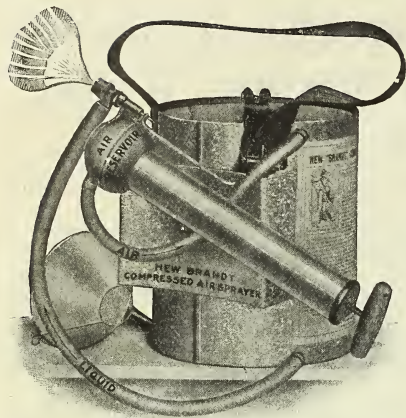
The North American Indian has for centuries known the value of Wild Rice as a food. Wild Rice has until recently been used by the white man chiefly as a dressing for game, and for this purpose it is unequaled, as it imparts a flavor and piquancy of its own. It has been discovered, however, that it possesses a food value far superior to any other cereal. It can be eaten with relish when the stomach will refuse to retain or digest any other food, and it has made for itself an important place in the dietary in many hospitals and sanitariums, where it is in great demand.

Its Uses. Wild Rice, as sold by us, may be used in many ways. In soups, as dressing for game or domestic fowl, for a breakfast food, in gems, in cakes, etc. Recipes for its use will be found in our Wild Rice booklet which will be mailed free on request.

Price, 25 cents a pound, by express at purchaser's expense, or sent postpaid upon receipt of 35 cents to any address in the United States or Canada. Forty-five cents a pound to foreign countries.



The Hunters' Paradise—A Wild Rice Field.



# SAVE YOUR CROPS

It is claimed by authorities that over \$500,000,000 worth of fruit and vegetables are annually destroyed by bugs, insects, and plant diseases, and that this loss can be entirely prevented by spraying with proper chemicals from a good sprayer.

## The "Brandt" Sprayers

### A NEW DISCOVERY.

In offering the "Brandt" Sprayers to our customers, we do so with the knowledge that we are offering the finest and best Sprayers on the market. They are very simple and will not get out of order, and are guaranteed to give satisfaction. These Sprayers have been tested and highly endorsed by all the leading Experiment Stations in the United States and are now used by the U. S. Government.

The largest size has a patented device for maintaining an even and high pressure which is absolutely necessary to obtain a satisfactory spray. One stroke will spray 20 hills of potatoes or same number of similar plants, therefore its labor saving powers cannot be surpassed. Will spray a row of vegetables one mile long with one filling, and are especially adapted for fast work.

**Uses.**—Sprays Paris Green, Bordeaux Mixture, Sulphate of Iron for killing weeds, White Arsenic, Tobacco infusion, Stock Dip, and all other liquid applications, also for whitewashing and disinfecting poultry houses, barns, cellars, etc.

**Description.** The Tanks are made of heavy brass or galvanized steel and will not rust or corrode. Are tested with four times more pressure than used for spraying, and will not burst. Filler plug and connections are made of brass. The shoulder strap and body rest makes it easy and convenient to carry. Capacity 3 gallons.

**Method of Operation.** The pump is carried in the hands in a convenient position for operation and for directing the spray on to the plants or vines. It is connected to the tank by two rubber tubes, one of which carries the air to the tank, the other delivers the liquid to the nozzle where it is mixed with air from the air reservoir on pump and made into a finely beaded mist and delivered on the plants in a solid cone of spray.

**The Pump** has a brass air reservoir. In the plunger is a check valve for the air to pass through on return stroke, making it easy to operate and doubling its capacity.

**The Nozzles** are made on a new principle and work with a combination of liquid and air which produces more force with 7 lbs. of pressure than others do with 100 lbs.—giving a fine mist-like spray which is sent out with such force that clogging is impossible.

**The Brass Double Nozzle** sprays two rows at one time, thus doing twice the work. The width between the rows is regulated by raising or lowering the pump.

**The Tree Nozzle** works on the same principle as above nozzles, but has a 3 ft. brass extension for higher spraying.

**The No. 4 Bordeaux Nozzle** is for all heavy solutions, like Bordeaux Mixture, whitewash, etc. It has larger openings, and is used on the large Sprayers.

**The No. 2 Cap** is for the same purpose, and is used on the double nozzle and tree nozzle.

**A Quart Funnel** with brass wire strainer accompanies above Sprayers for use in filling.

**Dandelion Outfit.** For killing dandelions and noxious weeds, we recommend the No. 3 "Brandt" Sprayer. The use of Sulphate of Iron at the rate of two pounds to each gallon of water will kill out dandelions wild mustard and other noxious weeds. We can supply Sulphate of Iron at the following prices, by express or freight at purchaser's expense: 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 75c; 50 lbs., \$1.25; 100 lb. bag, \$2.00.

No. 2 "Brandt" Sprayer, Galvanized Tank and Shut-off Nozzle.....	\$5.00
No. 3 "Brandt" Sprayer, All Brass and Shut-off Nozzle.....	6.75
Double Nozzles, (Brass).....	1.50
Tree Nozzles, (Brass).....	1.50
No. 4 Bordeaux Nozzle.....	.75
No. 2 Cap.....	.35

Write for Circulars Giving Complete Formulas and Information.

## Auto-Spray No. 1.

A compressed air sprayer warranted against mechanical defect and guaranteed satisfactory. We have offered this sprayer for many years and with increasing success. We find the machine thoroughly dependable. Compressed air sprayers far excel the old style bucket or knap-sack devices and combine every point of excellence in a spray machine. The sprayer is first loaded two-thirds full of solution and air is then compressed in the remaining third. The compression of the air forces out the solution in the form of a fine mist or spray. It is perfectly simple and thoroughly durable. A few strokes of the plunger will operate the machine for several minutes.

**Uses**—It is used for spraying trees and plants, green houses, poultry houses, washing windows or wagons, as a fire extinguisher, for spraying cattle to keep off flies, for spraying lawns to eradicate dandelions, in fact for every spray purpose. A 20% solution of Iron Sulphate applied with the Auto-Spray No. 1 will destroy the dandelion and not injure the grass. A special dandelion circular which tells how will be furnished on request. Three lengths of extension are recommended for tree work. The Auto-Spray No. 1 is used by nearly, if not all, the state experiment stations, and by the United States Government, and it is used and recommended by thousands upon thousands of agriculturists and horticulturists throughout the world.

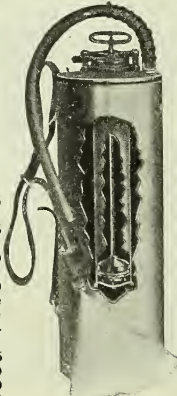
**Styles**—The Auto-Spray is built in four styles, as priced below. We recommend the Brass Auto-Spray No. 1-B, because it will resist the action of all spray solutions, and the Auto-Pop with nozzle cleaner, is the only self cleaning device on the market.

**Prices**—Our prices on all sprayers include packing and delivery to express or freight office at Minneapolis, purchaser to pay transportation. Where seeds are to be sent at the same time, a sprayer can be put in without any appreciable extra charge for transportation. With every sprayer is furnished complete instructions for use and formulas for emulsions, disinfectants, etc., the materials for which can be obtained cheaply at any drug store.

**Dandelion Outfit**—For killing dandelions, we recommend the Auto-Spray No. 1-B, with one length of extension and one brass strainer. The extension pipe permits delivery of the spray close to the ground, and saves stopping.

**Sulphate of Iron**—This will effectually kill out dandelions on the lawn; also mustard and other foul weeds on the farm. Use two pounds to a gallon of water. Price, by freight or express, 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 75c; 50 lbs., \$1.25; 100 lbs., \$2.00. Special prices in large lots.

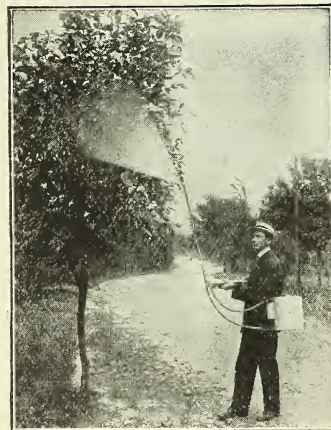
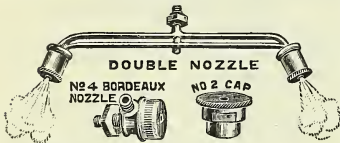
<b>Auto-Spray No. 1-A</b> , Brass Tank with Stop Cock.....	\$6.75
<b>Auto-Spray No. 1-B</b> , Brass Tank with Auto-Pop (recommended).....	7.65
<b>Auto-Spray No. 1-C</b> , Galvanized Tank with Stop-Cock.....	4.50
<b>Auto-Spray No. 1-D</b> , Galvanized Tank with Auto-Pop.....	5.40
<b>Auto-Pop No. 1</b> is a patented shut off device with self-cleaning attachment. Operating the lever opens or closes the valve and cleans the nozzle aperture automatically. Supplied separately.....	\$1.25
<b>Brass 2 ft. Extension</b> , each.....	.50
<b>Brass Elbow Extension</b> , each.....	.50
<b>Two Row Attachment</b> .....	1.50
<b>Strainer</b> , for Auto-Spray, No. 1. Solid Brass.....	1.00



Auto-Spray No. 1.



Spraying Two Rows Potatoes at One Passing.



Brandt Tree Nozzle.

**NON CLOG ATOMIC NOZZLE** is recommended for its many exclusive features. It may be adjusted to throw a diffused or wide angle bell-shaped spray, or concentrated for long distance work. We confidently recommend this nozzle to the careful consideration of those who are practiced in the art of spraying. Price, \$1.00; postpaid, \$1.10.



Auto-Spray in Use on Trees.



### Double Tube Insect Exterminator.



Made with beveled air chamber, which enables the operator to spray in any direction desired and has a glass reservoir, detachable, encased so that the operator at all times can see the ingredients mixing and just how they are working.

The glass reservoir is a Mason fruit jar, which can readily be replaced without loss of time and at a trifling expense. Being oblong, it gives a churning motion while the Sprayer is in use, mixing the ingredients,—which cannot be done with any other shaped sprayer—and will not allow Paris Green to settle. The glass sprayer will not corrode or rust out, as is the case with most all metals. This will be appreciated at a glance. The screw cap of this sprayer is made of heavy zinc, funnel-shape; therefore the user does not have to bother with a funnel for filling the reservoir. A cork is used for filling the hole. This will not rust like a screw cap and if it should become lost, any ordinary cork will fit the opening. The sprayer is provided with our patent spring expander which keeps the plunger leather open and prevents it from becoming wrinkled or drying up. These points are important and will be appreciated at a glance by anyone familiar with sprayers of this class. The advantages of these sprayers are readily seen. Will spray anything in liquid form, and is adapted especially for general farm use, such as spraying potatoes, garden vegetables, plants of every description, etc. For an all-around, durable and up-to-date sprayer it cannot be excelled. These sprayers give a fine mist spray, covering a radius of two and one-half feet.

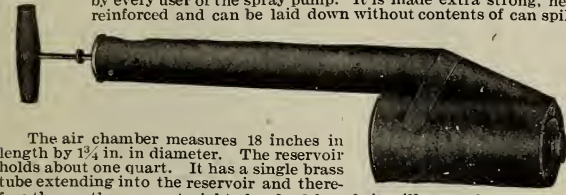
Double Tube Insect Exterminator.

Each, 50c. by express or freight at purchaser's expense.

### Excelsior Single Tube Sprayer.

Sprays in any Direction.

The only sprayer of this kind on the market that will spray entire contents of can in any direction; the only one that throws a spray directly upwards as well as downwards. An invaluable feature and one that is sure to be appreciated by every user of the spray pump. It is made extra strong, heavily reinforced and can be laid down without contents of can spilling.



The air chamber measures 18 inches in length by 1 1/4 in. in diameter. The reservoir holds about one quart. It has a single brass tube extending into the reservoir and therefore throws the spray straight ahead, although it will spray in any direction desired. Especially adapted for use in the poultry house, in the garden and orchard and on the farm. Price, 50c; by mail, postpaid, 70c.

### Lowell Blow Powder Sprayer.

In some instances potato growers, stock and poultry raisers prefer to use Paris Green and disinfectants in powder form mixed with dry plaster. To meet this demand the Lowell Blow Powder Sprayer is especially constructed. The ball valve arrangement is so positive in its action that it is impossible to draw any powder back into the pump cylinder or in contact with the pump valve, thus insuring the same ease of operating at all times. The ball valve in the end of the pump cylinder furnishes the intake of air and is positive in its action. The powder can hold one quart and the sprayer has an aluminum finish. Prices, each, 75c.



Lowell Blow Powder Sprayer.

## New "Gold Medal" Ball Bearing Rollers

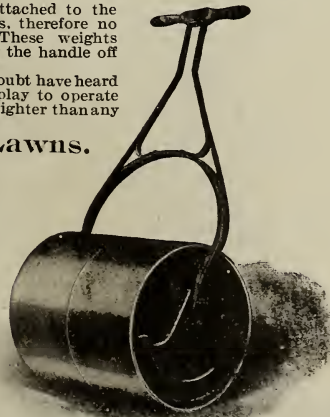
Notice how the weights are attached to the handle on outer face of sections, therefore no strain whatever on the axle. These weights form a counter balance, keeping the handle off the ground at all times.

These are the Rollers you no doubt have heard of. They run so easy it is real play to operate them. Guaranteed to draw 44% lighter than any other Roller in the World.

### The Rolling of Lawns.

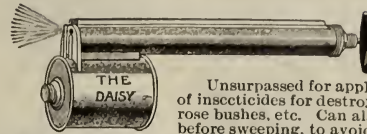
Is today a necessity, providing a thick, velvety lawn is maintained, as the Roller serves about the same part as the Lawn Mower. Only but a few years ago the Roller was used merely for leveling purposes, but now we have learned that by pressing the ground back to place, after it has been heaved by freezing, new grass is at once started.

"Gold Medal" Rollers, are without doubt the most attractive looking, the best made and the most durable Roller on the market.



"Gold Medal" Horse, Lawn and Golf Ground Rollers. Horse Land and Road Rollers. Particulars and Prices upon application.

### "Brandt Daisy" Sprayer.



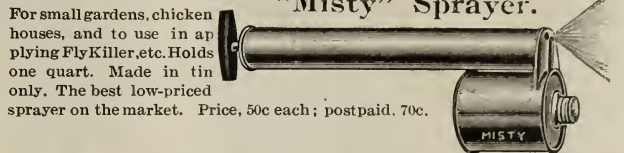
Sprays on Both Strokes. Does Twice the Work.

Unsurpassed for applying Paris Green, and all kinds of insecticides for destroying bugs and insects on plants, rose bushes, etc. Can also be used for spraying carpets before sweeping, to avoid dust, etc.

Why it Does Twice the Work. It sprays on both strokes, sprays the same on the return stroke as on the forward stroke, thus doing twice the work. The only Sprayer on the market of this kind.

Another Valuable Feature. It sprays straight-up as well as down—empties the can in either direction; a valuable feature in spraying ceilings and walls in poultry houses, barns, etc. For spraying all kinds of stock Dip and Fly Killer on cattle and sheep, also for disinfecting poultry houses, barns, etc. Price, Galvanized Tank, 75c; Brass Tank, \$1.00. If by mail, add 20c each for postage.

### "Misty" Sprayer.



For small gardens, chicken houses, and to use in applying Fly Killer, etc. Holds one quart. Made in tin only. The best low-priced sprayer on the market. Price, 50c each; postpaid, 70c.

### Leggett's Champion Duster.



Distributes Paris Green, Hellebore, Sulphur, Etc. Dispenses with bother and labor of using water. For Farm, Garden, Vineyard, Tobacco Fields, Etc. This implement has proved itself "Champion," being far ahead of any other machine in its capacity to distribute a uniform and almost impenetrable quantity of Paris Green or other powder, doing effective work without injuring the foliage when used properly. The dry method is rapidly superseding liquid sprays.

Will do as much work in a day as a horse-power sprayer. Will green two rows of potatoes at once as fast as a man walks. Adjustable to any width of row. Length of machine is such that the poison is kept at a safe distance from the operator. Any one can use it. Will not get out of order and will last for years. Price, \$7.50; by express or freight at purchaser's expense.

### Little Giant Duster.

Distributes any dry powder, Paris Green, etc., to perfection. Save yourself all the bother and labor connected with liquid sprays, and at the same time accomplish more effective work by using the dry powder. This method has long ago passed the experimental stage, and highest authorities sanction it. This machine keeps the poison at a safe distance from the operator. Dust potato vines as fast as you walk, two rows at a time. Reservoir holds nearly a quart of powder. Machine weighs 6 lbs. One packed in a case complete, three tubes, five nozzles and strap. Cased for shipping weighs 15 lbs. Price, \$5.00; by express or freight at purchaser's expense.

### Brownie Duster.

For Garden and Field use. Distributes any fine dry powder. Two tubes and spread nozzle. Capacity about a pint. Weight, cased, 10 lbs. Price, \$4.00; by express or freight at purchaser's expense.

Rollers are smooth on face and aluminum finished—outer edges rounded

No.	Diameter Inches	Length Inches	Sections	Face Inches	Weight Pounds	Mfr's Price	N.K.&Co's Spec'l Price
LR401	15	16	2	8	150	\$ 9.50	\$ 7.50
LR402	15	24	3	8	200	12.50	10.00
LR403	20	16	2	8	225	14.00	11.25
LR404	20	20	2	10	250	15.50	12.50
LR405	20	20	1	20	250	15.50	12.50
LR406	20	24	3	8	300	18.50	15.00
LR407	20	24	2	12	300	18.50	15.00
LR408	20	30	3	10	350	21.50	17.50
LR409	24	20	2	10	400	24.50	20.00
LR410	24	24	2	12	450	27.50	22.50
LR411	24	24	3	8	450	27.50	22.50
LR412	24	30	3	10	500	30.50	25.00
LR413	28	24	2	12	500	30.50	25.00
LR414	28	24	3	8	500	30.50	25.00
LR415	28	30	3	10	600	36.50	30.00
LR416	28	32	4	8	650	39.50	32.50

We can furnish any of the above Rollers from 50 to 300 pounds heavier at an extra cost of 5 cents per pound.

Furnished with counterweights to keep handle upright at all times.



# Order Sheet.

Date \_\_\_\_\_ 19\_\_\_\_

Northrup, King & Co.,  
Minneapolis, Minn.

Gentlemen:-

Please enter my order for

.....Pounds of Wild Rice Seed,

.....Quarts of Wild Celery Seed,

to be shipped on or about.....

by express at my expense. Enclosed you will find

..... for \$..... in payment

for above seed.

Ship to.....

Express Office.....

Post Office.....

State.....

My name is.....

Post Office.....

State.....

Yours truly,

.....

Order Sheet

Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_  
 State: \_\_\_\_\_  
 Zip: \_\_\_\_\_  
 Telephone: \_\_\_\_\_  
 Order No.: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Quantity: \_\_\_\_\_  
 Price: \_\_\_\_\_  
 Total: \_\_\_\_\_  
 Signature: \_\_\_\_\_  
 Title: \_\_\_\_\_

Celastrus .....	73	Gladiolus.....	65	Marvel of Peru.....	52	Ribes .....	71
Celeriac .....	12	Globe Amaranth.....	51	Mash .....	124	Ricinus .....	57, 69
Celery .....	13, 116	Gloxinia.....	51, 65	Matricaria .....	52	Rollers .....	135
						Zinnias .....	57, 69

# NORTHROP, KING & Co.



SEED CLEANING AND  
SEED CORN WAREHOUSE  
724 & 726 FIRST ST. N.

OFFICE AND MAIN BUILDING  
26, 28, 30 & 32 HENNEPIN AVE.

ALL OFFERS AND QUOTATIONS ARE SUBJECT TO  
PROMPT ACCEPTANCE, MARKET CHANGES AND UNSOLD.

GROWERS OF  
GARDEN AND FIELD SEEDS.  
RECLEANERS OF  
GRASS AND CLOVER SEEDS.  
IMPORTERS OF  
FLOWER SEEDS AND BULBS.  
MANUFACTURERS OF  
POULTRY FEEDS AND SUPPLIES.



TRADE MARK  
IT IS INTENDED THAT OUR  
STERLING  
BRANDS OF SEEDS SHALL  
INVARIABLY REPRESENT THE  
BEST QUALITIES OBTAINABLE.

## MINNEAPOLIS, MINN.

WILD CELERY AND WILD RICE.

Oct. 20, 09  
RECEIVED  
25 OCT 25 1909  
Approved  
D. G. FAIRBANKS

Dear Sir,

You have been interested in the subject of feed for ducks and other wild fowl, and we are enclosing a new pamphlet, just issued, which includes not only Wild Rice, but Wild Celery. We hope that it may be of interest.

We have recently made arrangements to gather Wild Celery seed. On account of its manner of growth and its general scarcity, the gathering of seed is not only tedious but is attended with considerable expense. The supply will never equal the demand.

We offer subject to being unsold, Wild Celery seed in pods at \$2.25 per quart, or 5 quarts for \$10.00 F. O. B. Minneapolis. Our booklet gives further information, also instructions for planting.

Our sales of Wild Rice seed this Fall have exceeded any previous year. It has been very successful in many localities as you will find by the list of names in the back of the enclosed pamphlet.

This is the best time to plant Wild Rice seed. We shall be pleased to have your order at prices named in our booklet.

Please advise us the day you wish the seed to leave Minneapolis so that you may arrange to have it planted promptly on arrival. Instructions for sowing the seed are enclosed.

May we not hear from you within a few days?

Yours very truly,

NORTHROP, KING & CO.

CAB-LH

# FORBES, BIRD & CO.



FORBES, BIRD & CO.  
100 N. BROAD ST. N. Y. C.  
SOLE AGENTS FOR THE U. S.  
OF THE FOLLOWING  
BRANDS OF GOODS



FORBES, BIRD & CO.

FORBES, BIRD & CO.

[The remainder of the page contains extremely faint and illegible text, likely a list of products or company information.]

# NORTHROP, KING & CO'S ROSES. HARDY GARDEN SEXTETTE.

CRIMSON  
RAMBLER

The six varieties of which we make a special offer this year to induce all our customers to start a Rose Garden, combine the greatest variety of form, richness of color and freedom of bloom in their respective classes, which it is possible to get in that number. We offer three sizes, viz: plants from 2 1/2 inch pots, young thrifty stock, with a strong ball of roots and vigorous tops, sure to give satisfactory flowering results the next season, under fair treatment; the six varieties to \$1.00 postpaid to any P. O. in the U. S.

Plants from 4 inch pots, well branched two-year-old bushes with extra strong roots sure to give quick results; the six varieties by Express or Mail, as we may deem best, prepaid to any P. O. or Express Office in the U. S. for \$2.25.

Extra selected, strong field grown plants of any one of the six varieties offered on this page for 50c. each, by Express only at purchaser's expense.

**Guarantee.** We guarantee the safe arrival in good growing condition of all plants sent by Mail or Express. Complaint will not be recognized unless received within 24 hours after receipt of plants.

**Order Early.** As the season advances stocks may become exhausted, therefore reserve the right to substitute if need be with the next best varieties of the same color.

**Frau Karl Druschki.** The snow-white American Beauty. A magnificent variety and one of the grandest pure white Roses ever introduced. Splendid for buds and immense flowers 4 to 5 inches across, perfectly double, delightfully fragrant, hardy everywhere, a constant and abundant bloomer.

**Paul Neyron.** The largest of all Rose blooms; bright shining pink clear and beautiful; very double and full, finely sweet scented. Vigorous grower.

**Ulrich Brunner.** Brilliant cherry red; flowers of immense size and bold globular form. Vigorous grower and one which always does well.

**Henri Martin.** Light glossy red, tinged with crimson; very full and sweet; finely mossed.

**Crimson Rambler.** The most popular out-of-door climber of to-day. It is of rapid growth, producing long heavy canes, reaching a height of 10 to 15 feet in one season. The rich clusters of bloom form a mass of vivid crimson until late in the season. Perfectly hardy in the most trying climate.

**Lady Gay.** A beautiful companion to the Crimson Rambler. Bright cherry pink fading to soft white. The flowers in large, loose trusses, together with the buds and foliage, form a mass of beauty from base of vine to tips of branches. Perfectly hardy.

FRAU  
KARL  
DRUSCHKI

HENRI  
MARTIN

PAUL NEYRON

ULRICH BRUNNER

BY  
AY

NORTHROP, KING & CO.'S  
EARLY MINNESOTA TOMATO

The earliest good tomato. For several years we have distributed the seed of this splendid tomato in competition in the race for earliness with numerous other varieties sent out under strong claims, and it has beaten them all and remains today as it was when we first offered it several years ago, the earliest of all good varieties, very hardy and succeeds where some sorts fail.

The Imperial, Early Ruby and Earliana are excellent sorts, but the Early Minnesota is superior to these in shapeliness, color, size, smoothness, solidity and flavor, as well as being earlier.

When we say **earliest** tomato, we, of course, mean **earliest good tomato**. There are several sorts, a very little earlier, but they are gnarled, ridged, small and unworthy of the name of tomato, and scarcely fit for use. Those wishing to have the earliest good tomato must have our Early Minnesota.

PRICE: Package, 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25; lb., \$3.75, post paid.

NORTHROP, KING & CO.'S  
STERLING CUCUMBER

A search of the markets of the world, would fail to reveal a variety possessing as many points of superiority as Northrup King & Co.'s Sterling Cucumber.

*First.* It is the earliest White Spine Cucumber suitable for table, market or shipping purposes, under all conditions of culture whether under glass or in the open ground.

*Second.* It is one of the most prolific of all varieties, and at all stages of growth is the handsomest and most attractive of all American sorts.

*Third.* It is of a beautiful deep green color, which it retains during a much longer period of growth than any other variety, while in symmetry of form, it is so regular, so uniformly one like the other, as to create comment wherever it is seen.

*Fourth.* The quality is superb, being exceedingly brittle and crisp. The flavor is delicate and entirely devoid of the bitter taste so frequently noticed in other varieties.

*Fifth.* As a shipping Cucumber the Sterling cannot be surpassed, as it holds up in color and quality better than any other variety.

Not only is it a market Cucumber, but for the home garden it has no equal.

PRICE: Packet,  
10c; oz., 25c;  
¼ lb., 70c;  
lb., \$2.00;  
post paid.



NORTHROP, KING & Co., SEEDSMEN, MINNEAPOLIS, MINN.