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N.K. 6243

GOOD SEEDS AT FAIR PRICES



*A few of the Many reasons why
This Seed Catalogue
should interest you.*

Half rates of freight *See page 1.*

Perfected farm seeds *See page 2.*

Corn Insurance *See page 15.*

The plain truth about grades *See page 25.*

What the microscope reveals *See page 25.*

Approved *See page 26.*

Extraordinary free premiums *See pgs 3, 32, 61.*

NORTHRUP **K**ING & **C**O.
SEED GROWERS
MINNEAPOLIS, MINNESOTA





FROM A PHOTOGRAPH.

OUR SEED WAREHOUSE.

"LOADING OUT FOR THE DEPOTS."

To Seed Buyers.

There are three classes of Seed Catalogues.

One class caters to the patronage of those who are misled by over-drawn pictures and statements that are deliberately untrue.

Another class takes advantage of the fears of those who, through their natural desire to secure the best seeds, will pay fancy prices for what often proves to be very ordinary stock.

There is yet another class which seeks the trade of those who want the best seeds possible to procure and are willing to pay a reasonable price for them.

To this class our Catalogue belongs. Our seeds we believe to be as good as can be obtained anywhere.

Our descriptions are brief and accurate.

Our illustrations are true to nature. Our prices are reasonable.

We trust that our efforts to simplify the task of selection and dignify the sale of seeds will meet with the approval of intelligent purchasers.

How to Order and Send Money.

SEEDS BY MAIL. Please remember that our prices include PREPAYMENT OF POSTAGE by us on all Seeds ordered by the PACKET, OUNCE, POUND, PINT or QUART.

Deduct 8 cents per pound from postpaid prices on Seeds ordered sent by Express or Freight.

We guarantee the safe delivery of all Seeds sent by mail.

SEEDS BY EXPRESS OR FREIGHT. We deliver Seeds to any Express or Railroad Company in Minneapolis, the purchaser to pay transportation charges upon the receipt of goods. Deduct 8 cents per pound from postpaid prices on Seeds ordered sent by Express or Freight. When possible, give full shipping instructions. In the absence of these particulars we will use our best judgment.

No charge for Bags, Boxes or Cartage on Seeds bought at prices herein.

PURCHASING BY EXPRESS. Express Offices have now purchasing departments in all their offices. If you wish to order goods from us to be sent by Express, ask for a purchasing order blank at any Express Office, and it will be supplied and forwarded by them without extra charge, other than the usual rates for returning goods.

NAME, ADDRESS, ETC. When ordering, give name and full address. Many orders reach us every season in which the Name or Post Office address is lacking. It is, of course, impossible for us 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 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 received the same as Cash.

Northrup, King & Co., Seed Growers, Minneapolis, Minn.

FREIGHT RATES REDUCED ONE-HALF

From Minneapolis to the Northwest

ON GRASS SEED, CLOVER SEED, MILLET SEED AND DWARF ESSEX RAPE SEED.

The following letter explains itself:

"MESSRS. NORTHRUP, KING & Co.,
Minneapolis, Minn.

GENTLEMEN: On January 1st, 1902, we will put into effect over our respective roads, as mentioned below, one-half the regular tariff rates on Grass Seed, Clover Seed, Millet Seed and Rape Seed, from Minneapolis to all stations on the Great Northern R. R. in Minnesota, North Dakota and Montana; stations on the Willmar & Sioux Falls R. R. in Minnesota, also stations on the Montana Central R. R.; to all stations on the Northern Pacific R. R. in Minnesota, North Dakota and Montana; to all stations on the Minneapolis, St. Paul & Sault Ste. Marie in Minnesota and North Dakota.

This rate applies to all shipments of Grass, Clover, Millet, Sorghum and Dwarf Essex Rape Seeds, 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 lbs. in less than car lots, and 10 cents per 100 lbs. on car loads of 24,000 lbs. or over.

We trust that this will stimulate the increased sowing of these important seeds in the Northwest. This rate will probably be discontinued after June 30th, 1902

Yours very truly,

GEO. O. SOMERS, St. Paul, Minn.,
Gen'l Fgt. Agt., G. N. Ry.

S. L. MOORE, St. Paul, Minn.,
Gen'l Fgt. Agt., N. P. Ry.

W. L. MARTIN, Minneapolis, Minn.,
Gen'l Fgt. Agt., M., St. P. & S. S. M. Ry.



THIS is the fourth year of the "HALF RATES" on the above mentioned Seeds, and we experience no little satisfaction in having originally taken up and secured, unassisted by anyone, such an important concession from the railroads. It has saved MANY THOUSANDS of DOLLARS to the farmers of the Northwest which would otherwise have been paid out for freight charges, and will continue to be of benefit to them as long as it is in force, but it has another and a deeper meaning.

It shows that the Keen and far sighted men who direct the destinies of these great railroads realize the importance of establishing the TAME GRASSES and CLOVERS along their respective lines to take the place of the natural grasses, which are so rapidly disappearing. Customers who do not live on the lines of the above mentioned roads will not, of course, be benefited by the reduction in freight rates; but all will be benefited, wherever they live, who use our "STERLING" SEEDS.

NORTHRUP, KING & CO.,

Seed Growers., 26, 28, 30 and 32 Hennepin Ave.,
MINNEAPOLIS, MINN.

Jan. 1, 1902.

OUR PRICES The prices mentioned herein are based on market values existing at the time this catalogue is written. Should they appear high in any instance, we will consider it a favor if our customers will advise us, as it is our intention to meet the competition of all reliable firms.

Many seeds, those of grasses, clovers, millets and cereals are very fluctuating in value. All prices named herein are therefore subject to change without notice.

OUR PREMIUMS The premiums offered in connection with seed orders on pages 3, 32 and 61 are so liberal in their character that all who receive this catalogue should avail themselves of the offers there made

We feel certain that not only will each purchaser feel amply repaid for his investment, but equally so that all who are thus influenced to try these splendid specialties of ours will become permanent customers.

SATISFACTION GUARANTEED.

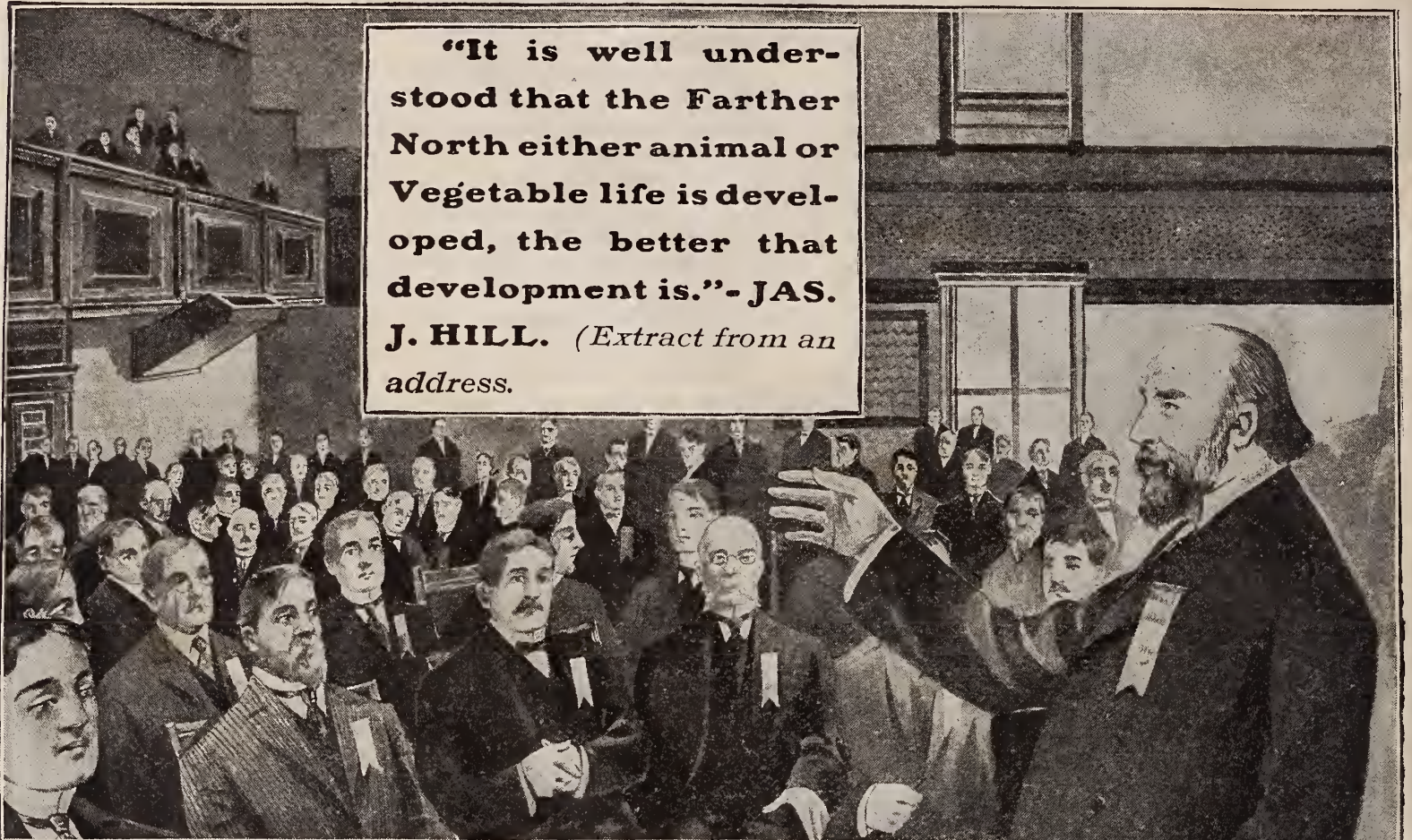
Purchasers ordering our BEST GRADES may RETURN THEM AT OUR EXPENSE if not found ENTIRELY SATISFACTORY on RECEIPT and EXAMINATION, and the money that has been paid for seed and freight will be PROMPTLY REFUNDED.

OUR RESPONSIBILITY We realize that people who have never traded with us may feel a natural hesitancy in sending their money to, or dealing with a firm of whose responsibility they know comparatively nothing. We should be pleased to have intending purchasers enquire (enclosing stamp or return postal card) as to our reliability from the Commercial Agencies, any Bank or Wholesale House, Express or Freight Agent in Minneapolis, the Postmaster of this city, or of the Minnesota State Experiment Station at St. Anthony Park, Minnesota.

PERFECTED FARM SEEDS

FROM THE

WORLD'S GOLDEN GRAIN BELT.



"It is well understood that the Farther North either animal or Vegetable life is developed, the better that development is."- JAS. J. HILL. (Extract from an address.

IT has become an established principle of agriculture that the **FARTHER NORTH** seeds **CAN BE GROWN** and **FULLY MATURED**, the **BETTER THEY ARE**. While this truth applies with equal force to nearly every kind of seed, the Northwest became so quickly famous for its **CEREALS** as to cause farmers everywhere to turn here for their supplies in that direction. This tendency has become so well recognized amongst the trade that many Seedsmen of the East and Middle West have almost dropped Field Seeds from their catalogues.

The whole drift of trade towards the **NATURAL SOURCE** of **SUPPLY** has led us to devote unusual attention to the culture of **IMPROVED FARM SEEDS**, the result being that we have become the **LARGEST GROWERS** IN THE **UNITED STATES** OF **FINE SEED GRAIN**, etc. All practical farmers agree that seed, grown year after year under the same conditions of soil and climate, "**RUNS OUT**" after a time, rendering a change of seed not only **DESIRABLE** but **NECESSARY**. To such we offer **NORTHERN GROWN STOCKS** of the **BEST VARIETIES**, **CAREFULLY SELECTED**, **THOROUGHLY RE-CLEANED**, and at **PRICES SO REASONABLE** as to enable every farmer who wishes to get a new start in seed oats, wheat, barley, corn, etc., to do so at a very small expense. It should be borne in mind, also, that our Grass and Clover Seeds command the highest price in the markets of the world on account of their vigor and superior quality.

MR. JAS. J. HILL,
PRESIDENT
GREAT NORTHERN R. R.

Please note our **LIBERAL TERMS OF SALE**, viz: If any seeds received from us are not satisfactory on receipt and examination, they are to be returned at our expense and the money that has been paid for them will be refunded. ♡ ♡

Our Free Premiums.

WITH orders for Vegetable or Flower Seeds amounting to \$1.00 or over, you may make your own choice of these 3 desirable premiums. To avoid misunderstandings, **PLEASE NOTE CAREFULLY:** 1st—Order premiums by number (1, 2 or 3). 2d—This offer does not include the collection mentioned on the envelope. 3d—Premium must be selected when order is sent. 4th—This offer expires July 1st, 1902.

Field Seed, Premium No. 1.

1 Pkt. Turkestan Alfalfa,	value,	10c
1 " Speltz (or Emmer),	"	10c
1 " Soja Bean,	"	10c
1 " Slender Wheat Grass	"	10c
1 " Snow White Field Corn,	"	10c

Vegetable Seed, Prem. No. 2.

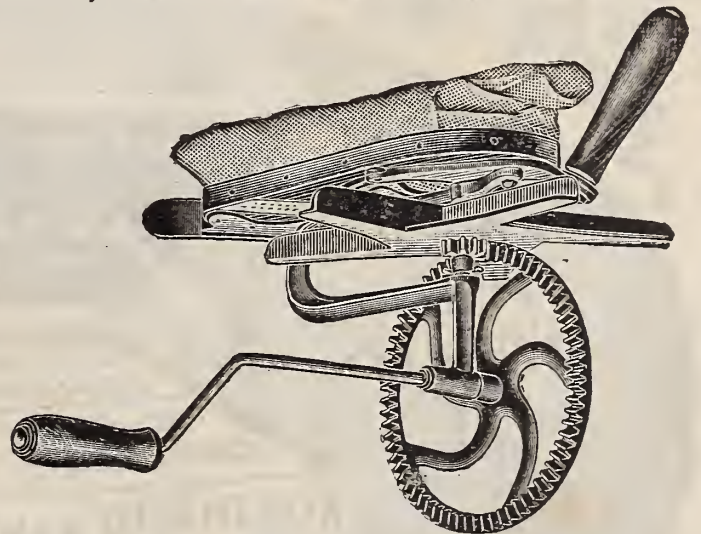
1 Pkt. Daylight Cabbage (earliest)	value	10c
1 " Radish, Northrup's Private Stock,	"	10c
1 " Onion, Bermuda,	"	10c
1 " Tomato, Plymouth Rock,	"	10c
1 " Sweet Corn, Portland,	"	10c

Flower Seed, Premium No. 3.

1 Pkt. Geranium, Finest Mixed,	val.	10c
1 " Japanese Hop (climber),	"	10c
1 " Pansy, N., K. & Co.'s Giant Fancy,	"	10c
1 " Poppy, Giant Puff Ball,	"	10c
1 " Sweet Peas, Navy Blue,	"	10c

Special Grass Prem. No. 4.

N., K. & CO.'S PERFECT SEED SOWER.



To those who order from this catalogue our Sterling grades of Grass or Clover Seeds to the amount of \$10.00, we will send (if asked for on the order, not otherwise) one of our new **Perfect Broadcast Seed Sowers**.

This seeder will sow *any seed* that is sown *broadcast* such as oats, wheat, rye, flax, millet, clover, timothy, grass seed, etc. The slide which controls the feed can be *closed instantly*. It moves 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 alone by either freight or express, on receipt of \$1.25, customer to pay transportation charges.

OWING to the many new names we have this year added to our mailing list (most of them having been kindly sent to us by customers who are interested in having their friends use our seeds), this catalogue will reach numerous seed purchasers who have never bought from us, or possibly have never even heard of us. As a special inducement to such to try our seeds we make the unusual offers contained on this page. With our old customers the quality of the seeds they receive from us is sufficient, but as we cannot afford to treat a new customer better than an old one this offer is, of course, **OPEN TO EVERY CUSTOMER, BOTH NEW AND OLD.**

NORTHERN GROWN SEED POTATOES

NO Potatoes grown can be compared with those produced in the North, either for VIGOR and FREEDOM FROM DISEASE or PRODUCING and LONG KEEPING QUALITIES. A Barrel of Potatoes is sometimes an UNKNOWN QUANTITY. OUR BARRELS CONTAIN PLUMP THREE BUSHELS.

SHIPMENT will be made at any date ordered, but where no special instructions to the contrary are given, will hold until in our judgment there will be no danger from freezing. Write for Special Prices on carload or large lots.



POTATO EYES BY MAIL WE believe that we are the originators of the system of sending potato eyes by mail. There are numerous advantages in procuring them in this shape.

First.—It has been conclusively proven that potatoes cut to single eyes give the largest yields and best results generally.

Second.—No freight charges to pay.

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 months.

We guarantee safe arrival, in good condition for growing.

The splendid collection above offered consists of 25 eyes each of the following sorts. They, in our judgment, constitute the cream of all the potatoes in the market to-day:

NORTHRUP, KING & CO.'S "EXTRA EARLY OHIO," the purest and earliest stock of Ohio potatoes in existence. Every potato is a "picture" of what an early Ohio should be. 100 eyes, by mail, postpaid, \$1.00. By frt., pk., 60c; bu., \$2.00; bbl., \$5.00

"EXTRA EARLY TRIUMPH," The sensational sort. Proven to be seven to ten days earlier than the Early Ohio. The great "money making" potato. It is always sold at a high price. 100 eyes, by mail, postpaid, \$1.00. By frt., pk., 60c; bu., \$2.00; bbl., \$5.00

NORTHRUP, KING & CO.'S "PINGREE." The best main crop potato. Everybody is delighted with the "Pingree." It is a heavy cropper. Incomparably attractive in appearance. Eyes few and flush with surface. Skin light russet. Snow white, dry and floury when cooked. 100 eyes by mail, postpaid, \$1.00. By frt., pk., 60c; bu., \$1.75; bbl., \$5.00.

"CARMAN NUMBER 3." The best of all the Carman introductions. A late variety, a most extraordinary cropper and long keeper. Without doubt the heaviest yielding potato ever introduced. 100 eyes, by mail, postpaid, \$1.00. By frt., pk., 50c; bu., \$1.50; bbl., \$4.50

We will mail 25 eyes each of the above on receipt of only \$1.00.



Northrup, King & Co.'s PRIZE WINNER RUTA BAGA.

 * Short neck, small top, firm flesh, sym- *
 * metrical shape, united with high feeding *
 * value, great productiveness, hardiness and *
 * long keeping qualities, describes the perfect *
 * Ruta Baga. Every root of N., K. & Co.'s *
 * **Prize Winner** more nearly approaches *
 * this ideal than any other strain of Ruta *
 * Baga. *

Our seed is grown for us in England by a farmer who has made Turnips a specialty all his life. One of that type of men whose thoroughness gave to England the splendid reputation her products enjoy all over the world.

N., K. & Co.'s **Prize Winner** 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 handsomest 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 a single complaint about them.

Large pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid. By freight, lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.25.

"The Best of All."

"Last spring I planted five different varieties of Ruta Baga and your Prize Winner was the best of all. They not only grow larger than other varieties, but are smooth and have scarcely any fine roots to hold the dirt when gathering."

C. J. FINCH, Beulah, Wyo.

"Always has Good Crop."

"Your Prize Winner Ruta Bagas are splendid. I always have good crops from your seed."

K. W. ANDERSON, Carbondale, Mich.

"They Stand the Test."

"Your Prize Winner Ruta Baga surely is a prize winner. They are the best that can be grown, I know. Give me N., K. & Co.'s seed and I never fail to have the best garden in the neighborhood. All your seeds are the best I ever planted. They stand the test."

F. M. BAKER, Bungers, W. Va.

"The Best."

"Your Prize Winner Ruta Baga is the best variety that was ever grown in this county, and I have tried every leading variety."

GEO. POPP, Padua, Ohio.

Other Good Standard Varieties.

CARTER'S HARDY SWEDE. A standard English variety which produces large crops. Large pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 40c, postpaid. By freight, lb., 30c, 10 lbs. @ 27c.

SWEET GERMAN. One of the very best sorts on account of its 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., \$1.50.

HURST'S MONARCH SWEDE. We first saw this splendid variety in England, and were first to bring it to the attention of 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. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 60c, postpaid. By express or freight, lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.00.

Northrup, King & Co., Minneapolis, Minn.

Northrup, King & Co.'s MANGEL WURZEL FOR STOCK.



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 in 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.

✓ **IMPROVED MAMMOTH LONG RED.** 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, one being exhibited last year which weighed 58 lbs. Produce an immense bulk and tonnage. Oz., 5c; ¼ lb., 10c; 1 lb., 35c, postpaid. By express or freight, 1 lb., 25c; 10 lbs. @ 20c.

✓ **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 per acre. Oz., 5c; ¼ lb., 15c; 1 lb., 40c, postpaid. By freight, 1 lb., 30c; 10 lbs. @ 25c.

✓ **TABER'S GATE POST MANGEL.** This is the production of one of the largest mangel specialists of England. It is thought by many to be the most profitable of all mangels, and is exceedingly popular in those sections where it is best known. It resembles somewhat the Golden Tankard in appearance, but is not so large; skin is yellow and smooth; flesh white and very firm. Oz., 5c; ¼ lb., 10c; 1 lb., 35c, postpaid. By express or freight, 1 lb., 25c; 10 lbs. @ 20c.

✓ **IMPROVED GOLDEN TANKARD.** 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 recommend 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 yellow and white in rings beautifully alternating with each other. On account of its shape enormous crops are grown, and it is easily lifted from the ground. Oz., 5c; ¼ lb., 12c; 1 lb., 40c, postpaid. By express or freight, 1 lb., 30c; 10 lbs. @ 25c.

SUGAR BEET.

KLEIN WANZLEBENER AND VILMORIN'S have thus far proven most successful for this country. Our stocks for 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 methodic 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 per acre. Pound, 45c, postpaid. By express or freight, 1 lb., 35c; 5 lbs. @ 30c; 10 lbs. @ 25c; 100 lbs. @ 20c. 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. Pound, 45c, postpaid. By express or freight, 1 lb., 35c; 5 lbs. @ 30c; 10 lbs. @ 25c; 100 lbs. @ 20c. Bags included.

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., 30c, postpaid. By express or freight, 1 lb., 25c; 5 lbs. @ 20c; 10 lbs. @ 18c; 100 lbs. @ 15c. Bags included. In ordering, state variety wanted.

Northrup, King & Co.'s

MASTODON CARROT.

We want to urge just one thing on every farmer who receives this book. 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.

N., K. & 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.

N., K. & 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, solid and very sweet in flavor. It is a 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 storing. 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 25 tons to the acre is not an extravagant statement as to yield. Large pkt., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; 1 lb., 90c; 5 lbs., \$3.75, by mail postpaid.


N., K. & Co.'s Victoria Carrot FOR STOCK.

The Victoria 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 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 especially adapted for rich, strong land. It grows fully half as much weight again per 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 everyone who grows it. Large pkt., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; 1 lb., 90c; 5 lbs., \$3.75, by mail postpaid.

SPECIAL OFFER. In order that our customers may test the comparative merits of these two grand carrots, we will send to any address, postpaid, to any part of the United States, one pound each of the Mastodon and Victoria Carrots for \$1.50. Eight cents a pound can be deducted if sent by express or freight at purchaser's expense.

IMPORTANT. Owing to the large size these Carrots (Mastodon and Victoria) attain, less seed is required to the acre than of other sorts—2 lbs. per acre being sufficient.

Northrup, King & Co., Minneapolis, Minn.

N., K. & Co.'s
**LINCOLN
OAT.** 



IN 1892 WE INTRODUCED the LINCOLN OAT, and the claims we then made for it, for earliness and yielding qualities, have been more than sustained by the experience of the many

thousands who have since bought it, so that now, the ninth year since its introduction, finds the Lincoln Oat, still the best white oat, more popular than ever before, and its record for yield **\$17 bushels and 21 pounds from 7 bushels sowing, remains the largest authenticated yield ever given by any oat.**

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 our 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.

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, until last season they were nearly double that of any previous year. Why is this so? Not because of any extensive advertising, for we have not for several years expended a dollar in pushing it, outside of the usual mention in our annual catalogue. It is simply for the reason that it has built up for itself such a reputation in every place where it has become known 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, bu., \$1.00; 2 bus., \$1.80; 10 bus., \$8.00. Bags free.



Mold's New Black Beauty Oats. 

Mold's Black Beauty 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 out how good they are and is now growing them quite 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 a cyclone will lodge them.

Mold's Black Beauty Oats are the best of all the 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 for 1902, 2 bus., \$3.00; 10 bus., \$12.50, sacked. Sold only in our sealed bags.

American Banner Oats.  

We have a few car loads of American Banner Seed Oats, heavy and clean. The grain is white, large and plump; ripens early, has stiff straw of good length. It stools freely, and therefore can be sown thinner than ordinary oats. We offer them at 75c per bushel; 10 bushels at 70c per bushel; 100 bushels at 65c per bushel. Bags free.

Macaroni Spring Wheat.

A New Variety for the Semi-arid Districts.



“THE thorough establishment of this new Wheat industry will be of the greatest benefit to agriculture in the semi-arid plains. A million or more of acres can thus be given to profitable wheat raising, which, on account of drouth heretofore have been either entirely idle or less profitably employed. In a few years time the result ought to be an addition of thirty to fifty million bushels to the annual wheat production of the Great Plains alone.”

Extract from U. S. DEPT. OF AGRICULTURE, Circular No. 18, June 19, 1901.

“At the South Dakota Experiment Station in the discouraging season of 1900 it yielded about thirty bushels per acre, when other varieties made but two to eight bushels.”

Extract from U. S. DEPT. OF AGRICULTURE, Circular No. 18, June 19, 1901.

The Agricultural Press has so much to say of late about Macaroni Wheat that most of our customers are probably to a greater or less degree familiar with the claims made for it. Briefly, the facts are these:

First: It is a reliable cropper for dry sections. The U. S. Dept. of Agriculture says in its bulletin:

“It is not only true that Macaroni Wheats CAN be grown in dry districts, but they MUST be grown there in order to produce the best quality of grain.”

Second: In the Northwest, especially the semi-arid sections, the conditions are ideal for producing this wheat.

Third: A LARGE MARKET IS ASSURED FOR THE PRODUCT. The U. S. Dept. of Agriculture says:

“There is a CERTAINTY for MARKET FOR ALL THAT CAN BE GROWN NEXT YEAR and AT A GOOD PRICE if the quality is maintained.”

Fourth: Should, for any reason, difficulty be found in disposing of it at a premium to the Manufacturers of Macaroni, the elevators take it and give the farmers No. 2 grade.

The following extracts are from a letter written us by MR. J. C. HERPEL, of South Dakota, giving the views of an experienced farmer who has had practical experience with this crop:

“I am very glad to give my experience with Macaroni Wheat, for I feel very enthusiastic in regard to it. It seems to me that it must be the wheat for this country, for our greatest anxiety is to get the crop away before the hot winds begin. I began seeding on my place about the first of April, but it was April 26th before I obtained my Macaroni Seed and I planted on that day. It was ripe and cut the first on the farm and was threshed and in the granary by August 6th. Had I planted it about April 1st, it would have been all out of the way of the hot drying weather, which usually comes about the middle or last of July.

“The shorter the period required for a wheat to grow the more valuable it will be to a locality subject to summer drouths and hot winds. The Macaroni Wheats require from two to three weeks less time in which to produce growth than even the earlier hardy wheats. We are looking for a market at the Macaroni factories as soon as it is raised in sufficient quantities to ship in car lots, but the elevators will take it and give the farmers No. 2 grade, and this will pay because it yields much more heavily and is much more certain than ordinary wheats.”

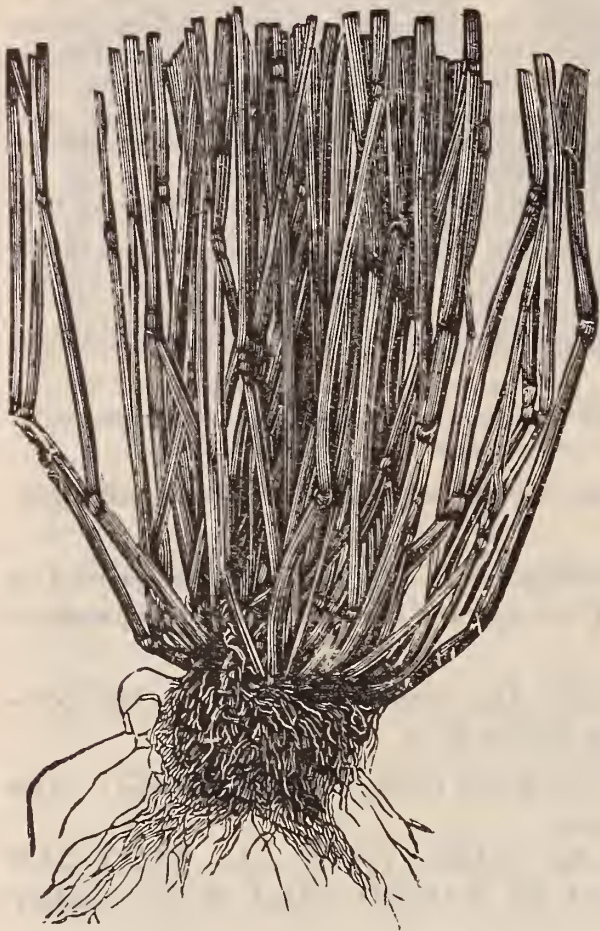
Directions for Sowing. These Wheats invariably give the best results on new ground. Sow at the rate of about 1½ bushels to the acre. Seeding should be done as early as possible and with a press-drill, and, if possible, rolled with a corrugated roller. This presses the soil about the seed, retains the moisture already in the ground and leaves the top soil in ridges, prevents the soil from blowing off, and keeps whatever moisture that falls.

Wild Goose Wheat is one of the Macaroni Wheats. We have for years steadily set our face against the growth of this wheat for the reason that no permanent market has been assured for it. The attractive appearance of the seed had induced a great many to buy it and later they were unable to find a market for the product. Now, however, we have it on authority of the Secretary of Agriculture that there is difficulty in supplying the demand for this Wheat to Macaroni factories, and as furthermore it appears that elevator companies are buying it freely and pay for No. 2 grade, there would seem not only little risk for farmers in drouthy sections to take up the growing of this wheat, but every reason why they should do so.

PRICE: Large packet, 10c; 1 bushel, \$3.00; 2 bushels, \$5.00. Bags free.

Northrup, King & Co., Minneapolis, Minn.

SPRING WHEAT PEDIGREE STOCK



SASKATCHEWAN FIFE WHEAT.

Single Root, Showing Its Stooling Propensities.

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 details, 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.

PILLSBURY FIFE SPRING WHEAT. We consider this to be the best and purest stock of Fife wheat obtainable. Great pains has been taken in its selection. Our stock grades No. 1 Hard and is perfectly sound and healthy. Lb., 15c, postpaid. By express or freight, peck, 40c; bu., \$1.50; 2 bu., \$2.75; 10 bu., \$12.50; 50 bu., \$60.00.

SASKATCHEWAN FIFE SPRING WHEAT. Noted for its great productiveness, earliness, vigor and freedom from smut and disease. This wheat has become so well known as to render extended description of it unnecessary. We first brought it to the attention of the trade in 1881, and it has well sustained the claims then made for it, as the earliest and healthiest Spring Wheat. Lb., 15c, postpaid; By express or freight, pk., 40c; bu., \$1.40; 2 bu., \$2.50; 10 bu., \$11.50. 50 bu., \$50.00. Bags free.

VELVET CHAFF BLUE STEM SPRING WHEAT. A distinct variety from all other spring wheats. The stem, just below the head, when 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. Earlier than the Scotch Fife. The kernel is of the hard variety, similar to Scotch Fife, more productive, one of the best spring wheats for milling. Lb., 15c, postpaid. By exp. or frt., peck, 50c; bu., \$1.40; 2 bu., \$2.50; 10 bu., \$11.50; 50 bu., \$50.00. Bags free.

A NEW SPRING WHEAT: Minnesota Number 163.

For twelve years Professor Hays, of the Minnesota Experimental Station, has been engaged in the scientific breeding of wheat, the object being to secure a perfectly healthy variety that would give an increased yield. Of the many crosses obtained within the past twelve years, one stands out as *pre-eminently the best*—Minnesota Number 163. At the Station farm this variety during the past six years has averaged *two to five bushels per acre* more than the best Fife and Blue Stem varieties, as is shown by the following table:

Haynes' Blue Stem,	-	Average for six years,	24.4.
Powers' Fife,	-	-	25.2.
Minnesota Number 163,	-	-	29.2.

This tells a story which should interest every intelligent grower of Spring Wheat. By freight or express, at purchaser's expense, peck, 60c; bu., \$2.25; 2 bu., \$4.25; 10 bu., \$20.00. Bags free.

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 it is not desirable to allow it to grow and mature seed, it can be turned under and made to answer a good purpose in adding to the fertility of the soil. We call particular attention to the fact that we offer *genuine Spring Rye*. Many farmers have been disappointed in receiving common 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.* By express or freight, bu., \$1.35; 2 bu., \$2.50.

N., K. & CO.'S AMBER WINTER RYE. Nearly all samples of rye contain quite a large proportion of withered or shrunken kernels, causing considerable loss when it is ground or marketed. The Amber Rye, to which our attention was called by a Minnesota farmer, is the *handsomest sample of Rye we ever saw.* Every grain is sound and perfect, and we are informed that not only does it always show this characteristic, which saves easily from two to five pounds to the bushel, but that whenever it has been sown it has invariably and largely outyielded the ordinary rye. Little attention has been given to the improvement of this highly important and widely grown grain. Rye growers should seize this opportunity to secure this improved stock at the very reasonable price we attach.

We will refund any money our customers pay us for this Rye if they say to us after harvest of their crop that it has not paid for itself several times over. Peck, 40c; bu., \$1.25; 2 bu., \$2.25; 10 bu., \$10.00. Bags included.

WINTER RYE. A good stock, re-cleaned. Peck, 30c; bu., \$1.00; 2 bu., \$1.85; 10 bu., \$8.50.

Speltz ^{OR} Emmer

The Valuable New Grain from Russia.

Although introduced as a new grain, Emmer, or Speltz, as a cultivated plant dates back to pre-historic times. In Russia it is very largely grown, the average annual production there being about 16,000,000 bushels, so it will be seen that the term "new" applies only to its recent introduction into America. Thus far the only general use made of the grain in America has been as food for stock, but in Russia a very large amount of the grain is used for human food. Special machines are there in use for hulling it. It will doubtless be but a short time before it is largely used in America for this purpose, as analyses show that it contains a very large amount of gluten—more than most of our wheats. Considering it only as food for stock, however, its introduction is of the utmost importance. All kinds of stock eat it greedily.

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 breed 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 drouth-resistant qualities."

As will be seen by the statement of Mr. Cooley, published below, 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 during the fall of 1900 has been fully borne out by the results of the very dry season of 1901, when other cereals, especially oats and barley, have shrunk into insignificance as compared with the 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 climatic conditions in some of our western states have made it desirable to give particular attention to crops resistant especially to cold and drouth. Among such crops Emmer holds high rank and should become one of the prominent crops for stock feeding."

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.

Speltz is unhesitatingly recommended for growing in the extreme northern states of this country, from Minnesota to Washington, and even in Alaska, also in the semi-arid districts further south, and it should be given a thorough trial in all other sections of the United States.



MR. J. N. COOLEY.

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 shuck, enclosing 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 to 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 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 cannot recommend it too highly."

Price, per bushel of forty pounds, \$1.00; three bushels for \$2.70; six bushels for \$4.80; ten bushels for \$7.50. Bags free.

Northrup, King & Co., Minneapolis, Minn.

It resists drouth;

It thrives

On poor lands,

In stony ground,

In forest regions,

On the prairies;

It makes a good crop with almost any condition of soil or 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 better feed than oats;

Makes excellent flour;

Makes good bread;

The straw is fine for fattening stock;

The stubble makes excellent fertilizer;

Stock very fond of grain and straw;

Ripens early.

NEW WHITE HULLESS BARLEY.



ITS VALUABLE PROPERTIES.

- It is **HULLESS**.
- It is **BEARDLESS**.
- It is **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.

The following letter from Mr. D. C. Carpenter will describe this valuable Barley and the uses to which it may be put, while at the same time giving the actual experience of one who has grown it largely:

NORTHRUP, KING & CO.,

Gentlemen: You ask me what I think of the WHITE HULLESS BARLEY. I have grown 60 BUSHELS to the acre, and it is the best grain to sow for hay that grows. Sow early, and you can cut TWO CROPS from the same sowing.

AS FATTENING FEED FOR HOGS IT HAS NO EQUAL. It makes sweeter MEAT and nicer lard by far than corn. I fattened 20 hogs for one butcher here with it, and made a gain of

106 LBS. TO THE HOG IN FIVE WEEKS. The butcher said he never handled such fine pork before. I have tried feeding it in all ways, and I find the best way is to grind it and feed dry, with clear cold water in another trough for them to drink out of. It grows very quickly and on any kind of soil. You can sow it after all other grain is sowed, and harvest it then before wheat and oats are ready. I have sown it as late as the 18th of June and made a good grain crop. Stock will eat the straw in preference to "slough" hay. The straw is small, but strong, with very heavy leaves. It stools wonderfully. Once used for hay for work horses, you wouldn't have any other.

For Flour it discounts Buckwheat. We use it all the time for hot cakes. Yours truly,

D. C. CARPENTER.

For Grain, sow 1½ bushels to the acre. For Hay, 2 bushels. Price, lb., postpaid, 30c; peck, 50c; bu., \$1.75; 2 bu., \$3.00; 10 bu., \$13.50. Bags included.

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 the 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 seed.

DISAPPOINTED.

"The WHITE HULLESS BARLEY I received from you WAS A DISAPPOINTMENT. I did not expect to raise such nice looking grain as the picture in the Catalogue showed, but it was **BETTER LOOKING THAN THE PICTURE**, and **SUCH A YIELD**."

"The **TIMOTHY, ALSIKE** and **RED CLOVER** received from you, I sowed in May without any nurse crop, and about the 1st of August I cut 1½ TONS TO THE ACRE. The **MASTODON CARROTS** were the **LARGEST I EVER SAW**; In fact, all the seeds were **JUST RIGHT**."

E. D. GOULD, Antigo, Wis."

STANDARD VARIETIES OF SEED BARLEY.

MANSHURY BARLEY. This is the best six-rowed barley we ever grew or ever saw. Lb., 15c., postpaid. By express or freight, peck, 40c; bu., \$1.30; 2 bu., \$2.25; 10 bu., \$10.00. Bags included.

HIGHLAND CHIEF BARLEY. (Two-rowed.) We several years ago sent a sample of this barley to the head of the largest firm of Malsters in the United States, who wrote us in acknowledgment that, in "sixty years of experience in the malting business, he had never seen such a handsome sample of barley." The **HIGHLAND CHIEF** is a vigorous grower, the size of the grain, when compared with any other, being immense. It is less likely to be damaged by wet than most other kinds, as it is much more closely covered with broad awns or spikelets; consequently it is less liable to lose color by wet weather. It is very productive, and usually weighs quite 50 lbs. to the measured bushel. Large pkt., 10c; lb., 20c, postpaid. By express or freight, peck, 40c; bu., \$1.40; 2 bu., \$2.50; 10 bu., \$11.00. Bags included.

Sang' or Ginseng Seed

The Greatest Money-making Crop on Earth



"An acre of Ginseng roots four years old at the present value of roots is worth thirty-nine thousand two hundred and four dollars (\$39,204)."

HAROLD SIMMONS.

"Two square rods of ground planted to Ginseng for five years will pay the running expense of a 120-acre farm that length of time."

HAROLD SIMMONS.

"I do not exaggerate when I state that it is possible to market in China twenty million dollars (\$20,000,000) worth of Ginseng roots annually."

AMERICAN CONSUL, Amoy, China.

The above quotations forcefully convey an idea of the great value of this crop.

With the above facts before you consider if it is not worth your while to investigate the culture of Ginseng. It can be grown East, West, North and South, on any light, rich garden soil.

Two essentials are necessary to a right start. First, good seed from the proper source; second, reliable cultural instructions. These conditions fulfilled any one with the exercise of reasonable intelligence and care, can successfully grow Ginseng.

We Can Furnish You with Good Seed.

Ginseng seed cannot be handled in bulk like other seeds. It must, after

being gathered, be kept under proper conditions until planting time or it will not grow.

"How to Grow Ginseng Successfully"

Is the title of a booklet written for us by Mr. Harold Simmons of Howard Lake, Minnesota. Mr. Simmons has evolved a new, simple and thoroughly successful plan for the growing of Ginseng. His operations have attracted a great deal of attention. He has been visited by a great many interested in the culture of this root, and columns of newspaper space have told the story of his success. This pamphlet has been written by Mr. Simmons especially for us. It has been prepared with a great deal of care, the directions are very plain and simple. The illustrations are from photographs taken by Mr. Simmons himself.

Seed Can Be Obtained Only From Us.

By arrangement with Mr. Simmons we control all the seed that Mr. Simmons will have to sell for several years, and on the other hand we do not buy seed from any other source. Mr. Simmons is to pack with his own hands every seed which we send out, and he guarantees that it will reach the purchaser in good growing condition.

Price of seed: \$2.25 for 50 seeds; \$4.00 for 100 seeds; no discount for larger quantities; carefully packed and sent by registered mail.

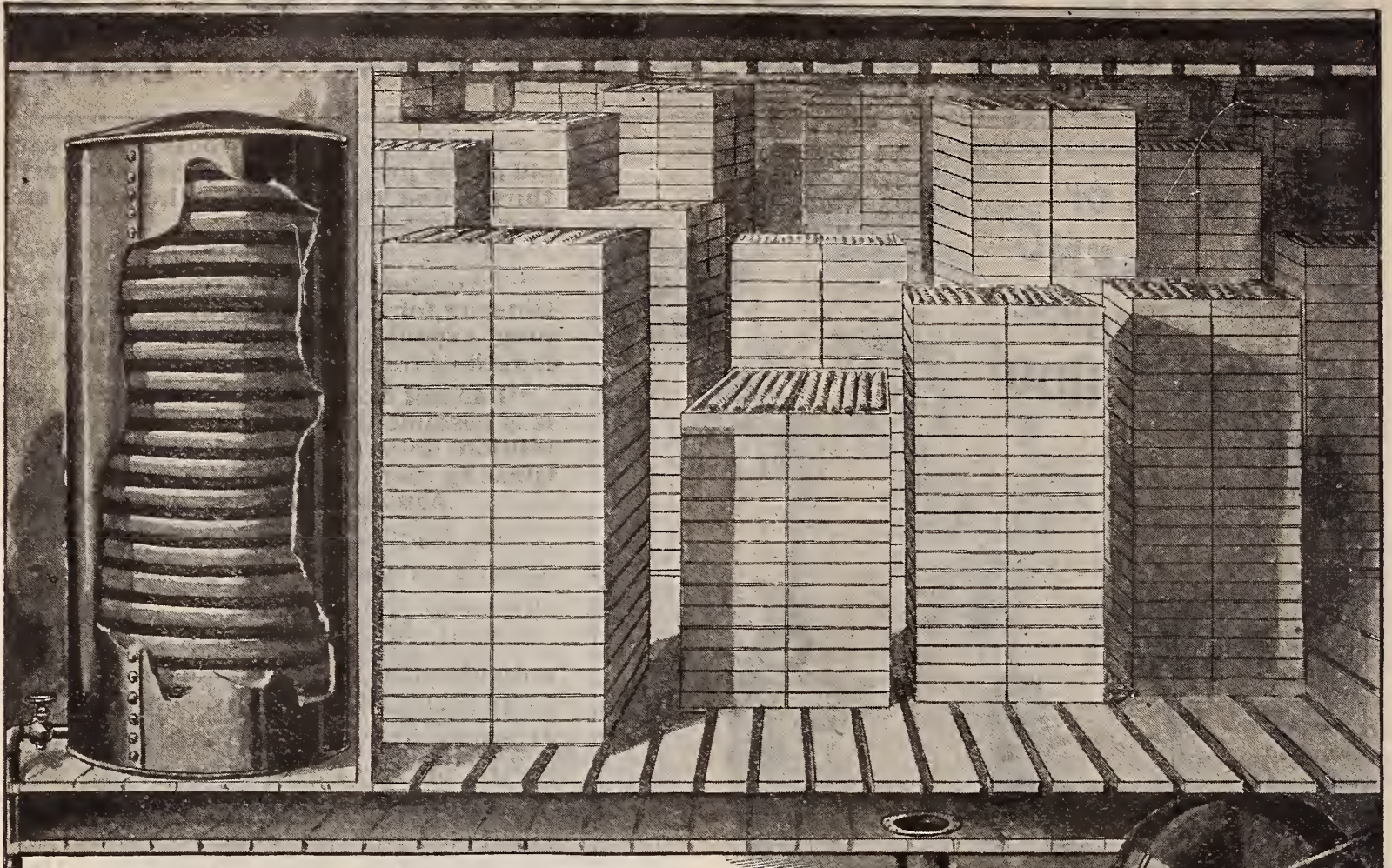
This may seem a high price, and it is a high price, but we have to pay Mr. Simmons a high price, and we consider that his seed is worth a very much higher price than any other seed. It is worth more not only for northern planting but for all sections.

We have never before offered Ginseng seed, large as has been the demand for it, because there was trouble about its germination. With proper care there will be no trouble on that score with the seed put up and packed personally by Mr. Simmons.

Orders will be booked throughout the winter and spring so long as stock lasts, to be sent during the spring of 1902. Order early, as stock is limited.

Northrup, King & Co., Minneapolis, Minn.

FIRE DRIED SEED CORN.



WE FIX THE GERMINATION.

Our experience has taught us that seed corn put away in the fall apparently dry, before planting time frequently **LOSES VERY MATERIALLY IN GERMINATION**, and not only that, but almost invariably the **SPROUT** is **VERY MUCH WEAKER** than when first tested.

Any seed when not *thoroughly dry* is very sensitive to atmospheric changes. Corn is more than ordinarily so, as the natural process of drying out is very slow. Cold weather usually comes on before it is completely dried; the cob retains more or less moisture throughout the winter and spring; and the result can be nothing but **impaired germination** and greatly lessened vitality of the seed.

For several years past this phase of the seed corn question has been a matter of serious consideration and study with us, and has resulted in the building by us this year of a kiln especially constructed for drying corn on the ear. This kiln has a capacity of three thousand bushels of ear corn every forty-eight hours. It is built from our own plans, and is, we believe, the only dry kiln operated by any seed firm in the United States. Corn taken from it comes out **BONE DRY** and its germination "**STAYS**." Seed corn apparently dry loses from 5 to 10% of its weight when put through this kiln. This tells the story. It will cost you 10 to 25 cents an acre more to plant our kiln dry seed than ordinary crib corn. Isn't it worth the difference?

RECOGNITION.

We can consistently claim to be headquarters on **SEED CORN**. The fact that every variety that is standard in the Northwest to-day is of our introduction, speaks more strongly than anything we can say as to the satisfaction our seed has given. The following clipping from the editorial columns of the Feb. 15th, 1899, issue of *The Farmer* (St. Paul) shows that the work we have accomplished along these lines is recognized by those in a position to know the facts:

"The farmers of Minnesota owe Northrup, King & Co. a debt that will not soon be paid. Long before Professor Hays began his remarkable experiments with corn, this firm was spending money and time in two directions, to develop varieties of corn that would produce well here, and to convince farmers that it would pay to plant corn. Last year the crop of corn in Minnesota was 50,000,000 bushels, and the State is getting into the corn belt. To Mr. Northrup's faith in corn and his persistence in pushing varieties like Minnesota King, is due, to a large degree, the increased acreage of this important grain and forage crop."

SEED CORN IS SCARCE THIS YEAR.

Never have we known a year when good Seed Corn was as scarce as it is this season. This is **ESPECIALLY TRUE** of **NORTHERN GROWN SEED**, the only seed grown that is suited to northern climates.

BUY EARLY. You Will Not Regret Doing So.

Northrup, King & Co., Minneapolis, Minn.

CORN INSURANCE

THERE is no man owning buildings but who sleeps more soundly at night from knowing that he is insured. Farmers who plant our **Tested Minnesota Grown Seed Corn** are, to a certain extent, insured.

Those are anxious days for the farmer when, with a good crop in sight, he is wondering whether early frosts are not going to catch his corn. Five to ten days in the latter part of the season are very often **critical days**.

This anxiety and risk can be greatly lessened by planting **Our Minnesota Grown Seed**. A vast amount of money would be saved to the country each year if farmers would plant seed grown as far North as possible.

As the Originators or Introducers of all the Standard Early Varieties of Seed Corn in use to-day in the Northwest, we consider that we may justly claim to be **Headquarters** for Northern Grown Seed Corn, that is **Northern Grown**.

N., K. & CO.'S MINNESOTA KING CORN, OUR OWN MINNESOTA GROWN SEED. (Yellow Half Dent.) We regard this corn (introduced by us in 1889) 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, through 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; 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 drouth, 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. The ear is of good size, eight rowed, cob small. Large pkt, 10c; 1b., 20c; 3 lbs., 50c, postpaid. By express or freight, peck, 75c; bu., \$2.50. Bags included.

NOTE. Although each season we have anticipated the large sale which Minnesota King Corn has met, by what we considered liberal provision, we have never as yet been able to supply the demand, having returned money yearly to late purchasers.

Write for Prices on Large Quantities.



Mr. C. W. Sutton, Hillsboro, N. D.

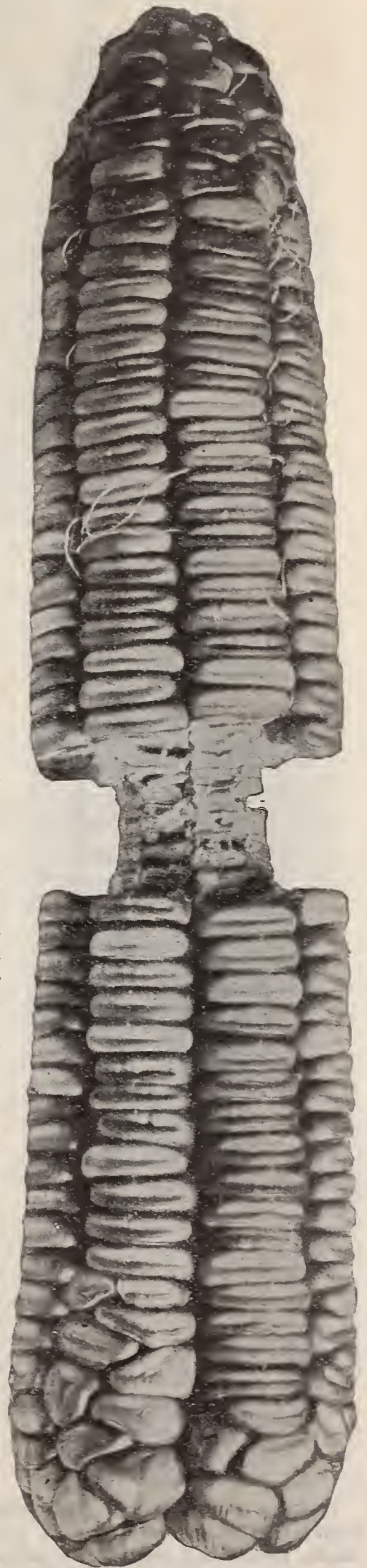
NORTHRUP, KING & Co.,
Minneapolis, Minn.

Hillsboro, N. D.

Gentlemen: After purchasing seeds of you for more than ten years, and finding them always of the best quality, I wish you to know that I recognize and appreciate the great advantages I have reaped in being able to obtain such reliable seeds. I wish particularly to make mention of the **MERCER CORN** that I first obtained from you about eight years ago and have raised ever since, greatly to my advantage and satisfaction. Always testing my own corn before planting, I have sometimes found that only a small percentage of it would grow. When I have sent to you for seed, that in every instance has proven to be reliable. I should like to know your secret in being able to always furnish seeds that will grow.

Yours truly,

C. W. SUTTON.



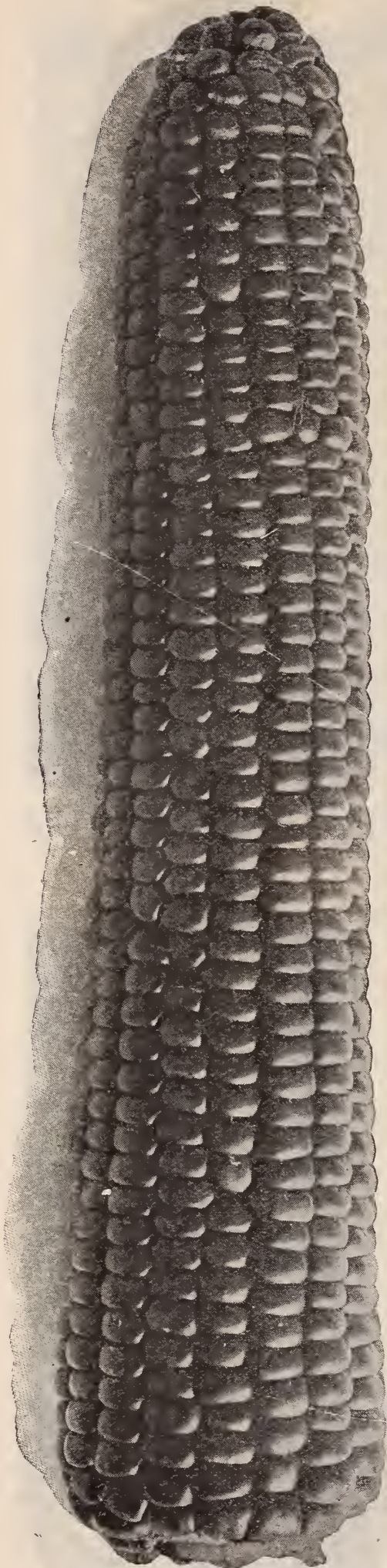
From a Photograph, showing $\frac{3}{4}$ size of Minnesota King Corn.

Triumph Corn yielded at the rate of 115 bushels per acre, 90 days maturing, ears average 12 inches, 16 rowed, full to the tip.—REV. J. RAYMOND, Lanesboro, Mass.

Northrup, King & Co., Minneapolis, Minn.

A NEW ERA

IN CORN GROWING.



The introduction of our Mercer Corn marked a **NEW ERA** in corn growing. It brought North Dakota and part of Manitoba in the corn belt. Since then have followed our **Minnesota King** and **Triumph**, the former (Minnesota King) occupying a class by itself as the earliest yellow Dent variety, the latter (Triumph) being a selection from and an improvement over the Mercer. To these might be properly added, mention of our improved stock of **King Philip** (extra early red flint), an old Vermont variety, but fitted by the special treatment we have given it to compete for favor with any other flint variety, even Mercer and Triumph.

All of these varieties in ordinary seasons yield crops of well ripened grain where other sorts would not mature. All attain a good height, bear ears set well above the ground and can be cut with a corn harvester. It is a pleasure to have our efforts along this line of corn improvement recognized by such expressions as the following from the North Dakota Experiment station:

Agricultural College, No. Dak., Nov. 28th, 1900.

MESSRS. NORTHRUP, KING & CO.
Gentlemen:—The Northwest is growing more corn each year and no season has given stronger evidence that the crop is valuable as a feed and has an excellent residual effect upon the wheat, flax or other grain crop which follows it, than that of 1900. The greatest hindrance thus far has been the difficulty in obtaining suitable seed. Many persons who have given corn a trial have condemned it by reason of having secured seed of a variety which is not adapted to this northern district. By bringing out such varieties as the Minnesota King cross breed and the Mercer Flint your firm has earned the gratitude of a large number of corn growers in this State.
 Yours respectfully, J. H. SHEPARD, Agriculturist,
 North Dakota Experiment Station.

N., K. & CO.'S TRIUMPH. (Extra early yellow flint.) Three 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 the magnificent variety, more than sustaining every claim we made for it.

DESCRIPTION OF TRIUMPH CORN.

Our Triumph Corn is a very early flint variety, very bright yellow in color, maturing in from 80 to 90 days from day of planting, according to soil and season. Ears average about 13 inches in length (about 5 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 (nearly double the size of the Mercer) and the stalks are of good height. The ears average two to a stalk, growing well up so as to readily admit of being cut by the harvester. The stalk grows very tall and leafy and makes superior fodder.

Directions for Planting.—The habit of the 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, but do not put more than two or three kernels in a hill.

Prices.—Large pkt., 10c; lb., 25c, postpaid. By express or freight, peck, 75c; bushel, \$2.75. Bags free.

N., K. & 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 from 9 to 11 in. 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 6 feet in height and make excellent fodder. Very few suckers. Large pkt., 10c; lb., 20c, postpaid. By express or freight, pk., 75c; bu., \$2.75. Bags free.

IMPROVED KING PHILIP. (Extra Early Red Flint.) An old time New England favorite perfected by us. Extremely hardy. One of the best and most reliable very early sorts. Ears 8 to 10 inches long. Peck, 75c; bu., \$2.50. Bags free.

The ear of TRIUMPH Corn from which the above photograph was made, measured within a fraction of 15 inches in length. The illustration, therefore, shows it in just one-half its real dimensions.

Grown under normal conditions, the ears average about 13 inches in length.

SEED CORN.

Seed of the Following Varieties is of Our Own Growing,
in the State of Minnesota.

EXTRA EARLY FLINT VARIETIES.

[See also page 16.]

SQUAW. (Very short crop this year.) Extremely early and of very dwarf habit. We still grow this corn for those who want it, but we urge the planting of our 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. Large pkt., 10c; lb., 20c, postpaid. Peck, 75c; bu., \$2.50. Bags included.

NORTH DAKOTA WHITE FLINT. Resulting from a careful selection of Squaw corn for many years. Very much better than the Squaw. Large pkt., 10c; lb., 20c, postpaid. Peck, 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. Large pkt., 10c; lb., 20c, postpaid. Peck, 75c; bu., \$2.50. Bags free.

LONGFELLOW. (Yellow Flint.) A very early 8-rowed corn of Canada type; ears cylindrical, about 9 in. long; color, rich, glossy. The weight of seed corn is fully 60 lbs. Large pkt., 10c; lb., 20c, postpaid. Peck, by express or freight, 60c; bu., \$2.25. Bags included.

SMUT NOSE FLINT. 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. Large pkt 10c; lb., 20, postpaid. Peck, 75c; bu., \$2.50. Bags included.



[Section of ear.]

N., K. & CO.'S DAKOTA YELLOW DENT.

EARLY YELLOW DENT VARIETIES.

N., K. & CO.'S DAKOTA DENT. (Earliest full Yellow Dent.) 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. Large pkt., 10c; lb., 20c, postpaid. By express or freight, peck, 60c; bu., \$2.00. Bags free.

HURON. EARLY YELLOW DENT. Fine strain of early corn. Grain deep golden yellow, and large, while cob is very small. 70 lbs. of ears have made 64 lbs. of shelled corn, leaving only 6 lbs. of cobs. Large pkt., 10c; lb., 20c, postpaid. By express or freight, peck, 60c; bu., \$2.00. Bags included.

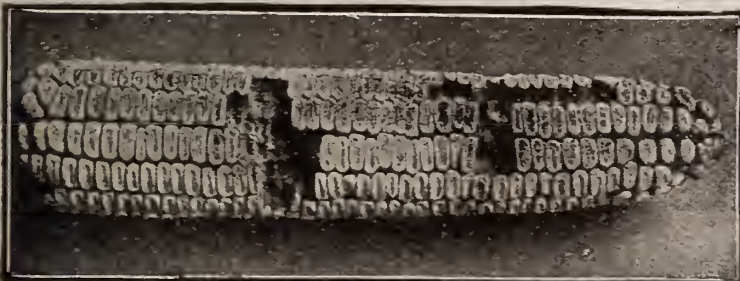
PRIDE OF THE NORTH. EARLY YELLOW DENT. We consider our Dakota Dent a marked improvement over the Pride of the North for earliness and as a better yielder. Those wishing the Pride of the North, however, will find our stock especially desirable. Large pkt., 10c; lb., 20c, postpaid. By express or freight, peck, 50c; bu., \$1.75. Bags included.



N., K. & CO.'S EARLY RUSTLER WHITE DENT.



EARLY HURON YELLOW DENT.



EARLY WHITE CAP YELLOW DENT.

UNIVERSITY NUMBER THIRTEEN. Prof. Hays, the widely known agriculturist of the Minnesota State Experiment Station, has for some years past been conducting a series of experiments with many kinds of corn, having particularly in view the selection of an early variety that would give larger yields than any at present known. University Number Thirteen was the variety selected for dissemination. Prof. Hays does not claim any fancy qualities for University Number Thirteen. In fact, he states that it has not been selected rigidly to a type, in appearance, as that would have interfered, somewhat, with the selection for large yields and profits. The experience of the two years following the introduction of this corn has fully demonstrated its ability as a producer. It is a full Yellow Dent 16-rowed variety, kernels packed closely on the cob. Not as early as our Dakota Dent (which is of much the same type), but highly recommended for planting south of St. Cloud, Minn. Large pkt., 10c; lb., 20c, postpaid. Peck, 50c; bu., \$1.75. Bags Included.

EARLY WHITE DENT VARIETIES.

RUSTLER. EARLY WHITE DENT. 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 7 successive years; that it was the only corn in his section which could show such a record. For early ripening, great yield, compact growth of ears, it is one of the best; admirably adapted to a northern climate. 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, peck, 50c; bu., \$1.75. Bags free.

WHITE CAP YELLOW DENT. A yellow corn with a white cap. Ripens quickly and gives satisfaction wherever grown. Peck, 50c; bu., \$1.75. Bags free.

NORTHWESTERN DENT. This variety is in a class by itself, being a Red Dent sort. It is extremely early, very productive, and has become very popular with all who have grown it. It is a great favorite in North Dakota. There are two strains of this "red dent" corn; one is very good and the other very poor; ours is the VERY GOOD kind. Peck, 75c; bu., \$2.50. Bags free.

WRITE FOR SPECIAL PRICES ON LARGE QUANTITIES.

Northrup, King & Co., Minneapolis, Minn.

FODDER CORN For years we have been preaching FODDER CORN to the farmers of the Northwest, but it took just such a season as that of 1900 to fully arouse them to its great value. When other crops had failed, and they were wondering what they should do for feed, many planted Fodder Corn, because it was too late to put in anything else. Now every one of them will put 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.**



FIELD OF N. K., & CO.'S GIANT FODDER CORN.

FODDER CORN may be divided into four classes, viz: **Large Southern Varieties; Medium 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 so far as 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 doing so 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.

LARGE SOUTHERN VARIETIES. These furnish by far the largest amount of fodder, and, if of equal feeding value, would be by all means the most profitable to grow, as they yield easily double the tonnage of the early sorts. Complaint is sometimes heard that the stalks grow so coarse that stock will not eat them all, and waste ensues. This is sometimes true, but this can be almost altogether obviated by planting seed of the right varieties sufficiently close to check the tendency to coarseness. On the next page we offer the two best varieties of Southern Fodder Corn. See page 20.

Northrup, King & Co., Minneapolis, Minn.

N., K. & Co.'s GIANT FODDER CORN.

PRICES SUBJECT TO MARKET CHANGES.

THIS, in our estimation, is very much the best of all the late Fodder or Ensilage sorts. We base this opinion not only on our own large experience with Fodder Corn, but from the thousands of letters received from our customers in all parts of the United States.

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** that any other variety. Second, while the B. & W., Red Cob, Soo, and other well known varieties of Fodder Corn grow just as tall and even throw out leaves that are just 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.

Drill one to one and one-fourth bushels to the acre in rows about 3½ feet apart. Five or six kernels to each foot of row. Price, peck, 40c; bu., \$1.35. Bags included.

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 1¼ bushels to the acre in rows 3½ ft. apart. Price by express or freight: Pk, 40c; bu., \$1.25. Bags included.

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. Peck, 30c; bu., \$1.00. Bags free.

WRITE FOR SPECIAL PRICES ON LARGE QUANTITIES.

N., K. & CO.'S GIANT FODDER CORN "ON TOP."

We could easily fill this entire book with letters our customers have written us praising this magnificent corn, but the following will give an idea of the estimation in which it is held by those who have had experience with it:

"Never Had Such Corn."

I never had such corn as your "*Giant Fodder*." It grew twelve feet high and every grain grew. I had it along the railroad track at Leeks station and it was a fine sight from the train. I never had so much corn. The stocks I cut in an ensilage cutter, as they are too long to feed in the stalls, and we do not waste any in that way. We will be very glad to buy some more of your Giant Fodder Corn next spring. W. R. CLARK, Brainerd, Minn.

"Ahead of Any Other."

Your "*Giant Fodder*" Corn is far ahead of any fodder corn I have ever tried before. E. H. DALE, Fertile, Minn.

"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 6th 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, Osakis, Minn.

"Wishes He 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, Gilchrist, Minn.

"Nothing Better."

There is nothing better than your "*Giant Fodder*" Corn. I had three and one-half acres of it this summer, and it yielded more to the acre than any other kind of fodder here. There was all kinds of corn planted here this summer, but there was nothing so heavy as this around here. I had this piece of corn planted along side of the main traveled road, and all who saw it were surprised. For rough fodder one acre of this ground will go as far as four acres of hay or oats. LOUIS L. SUND, Milltown, Wis.

"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 proven that Fodder Corn can be relied on when grasses are a failure. NILS PETERSON, Battle Lake, Minn.

"Will Never be Without It."

Your "*Giant Fodder*" Corn far exceeded my expectations for fodder. It grew to the height of eleven feet, is very leafy, and gave me a great amount of fodder. It is all you claim for it, and I shall never be without it again. S. G. PETERSON, Minneota, Minn.

"A Great Plant."

Your "*Giant Fodder*" Corn is a great plant for this part of Dakota. It was very dry here last summer, and your corn did well and makes fine feed for stock. J. GEO. JOHNSON, Roswell, S. D.

"More than Pleased."

I am more than pleased with my first venture in sowing "*Giant Fodder*" Corn. It is certainly all you claim for it and makes most excellent fodder. JOHN MOORMAN, Westport, Minn.

"Could Write All Day."

I purchased some Fodder Corn (*Giant*) from you last spring, and found it to be of excellent quality. It is very leafy and the stalks fine in texture. Fodder Corn is a great help, especially when there is a light hay crop, and it would be a good thing every year to have a piece of this corn as it would give more variety in the feed, especially for milk cows. I could write all day about Fodder Corn, but I think this is enough to make you believe I was satisfied with your "*Giant Fodder*" Corn. E. T. KAMRUD, Starbuck, Minn.

"Well Pleased."

I am well pleased with your "*Giant Fodder*" Corn, in fact I do not know how I would winter my cows if it wasn't for it. I intend to plant more next spring, and will sow it with my grain drill with every other spout closed. My corn grew this year ten to twelve feet high all over the fifteen acres I had. Next year I will certainly raise some "*Giant Fodder*" Corn and I think a great many of my neighbors will do the same. I am well pleased with the result, and I think you will have a good trade here next year. J. C. MCGREGOR, Ayr, Cass Co., N. D.

"It Was Grand."

That "*Giant Fodder*" Corn I got of you was grand. I only wish I had more of it. Every one who passed this way thought it would be the proper feed to grow in this county where hay is so scarce. FRAZER D. HUFFMAN, Austin, N. D.

"You Bet It Was."

You ask me if I found my Fodder Corn helpful to me in supplementing my supply of feed. You bet it was. I am only sorry that I did not sow more. Next spring I will sow ten acres at least, for I live on the prairie where the soil is quite sandy, and it seems that Fodder Corn is the only crop we can raise for hay and feed. O. C. UKKELBERG, Clitheral, Minn.

"Very Helpful."

I was very much pleased with your "*Giant Fodder*" Corn. In spite of the dry season it yielded an abundance of fodder and is very helpful as a supply of feed. When in need of anything in your line, I shall always call on your company. GUST PETERSON, Willmar, Minn.

"I Shall Plant It Next Year."

Your "*Giant Fodder*" Corn did splendidly with me. It was so dry that some of my field corn did not come up until after the Fourth of July rains, but the Fodder Corn kept on growing enormously. It makes fine fodder and plenty of it. The leaves do not seem to break off like common corn. I shall plant it next year. E. C. VAN HORN, Morris, Minn.

"Glad to Praise It."

I am glad to have the chance to praise your "*Giant Fodder*" Corn. It made large ears and broad leaves, stood the drouth well, sometimes two ears on a stalk. I expect to plant several acres of it next season. I was also well pleased with your Minnesota King Corn. It is so early. MRS. E. V. ROBERTSON, Glen Allen, Mo.

"Yields Best."

I am very much pleased with the "*Giant Fodder*" Corn that I bought from you last spring. It is the best I had, and yields more fodder to the acre than any kind I have tried. If it had not been for the seed I had bought from you I would not have had any feed for my cattle, as that was the only crop that I got this year, and a very good crop it was, too. GUSTAV OLSON, Detroit, Minn.

"It Is the Best."

I raised a first-class crop of your "*Giant Fodder*" Corn. It leaved from the ground to the top. It is the best variety of corn one can raise for fodder, as the cattle eat it good and thrive on it. Next spring I am going to plant some more of the same. P. O. SJOBBUN, Randall, Minn.

MEDIUM EARLY AND FLINT VARIETIES OF FODDER CORN.



N., K. & CO.'S ELEPHANT 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; 2d, that it matures earlier, and gives well formed and often partially or fully ripened ears; 3d, 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.

In N., K. & CO.'S ELEPHANT FODDER CORN we have, we believe, the variety that will best please the advocates of this type of corn. It is TALL GROWING, averaging 7 to 8 feet. 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 3½ feet apart, about 60 lbs. to the acre. Price, bu., \$1.00. Sacks free.

N., K. & CO.'S NEW WHITE FLINT FODDER CORN "STATE OF MAINE." 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 varieties.

Our "STATE OF MAINE" Fodder Corn 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. Peck, 40c; bu., \$1.65. Sacks free.

EARLY SWEET FODDER CORN. Under this head we offer and dispose of any *unselected* stock we may happen to have of Early Sweet Varieties, such as Cory, Early Minnesota, Early Crosby, etc. 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 1½ to 2 bu. to the acre, in rows just far enough apart to admit cultivation. Peck, 60; bu., \$2.00. Sacks free.

EVERGREEN SWEET FODDER CORN. There is doubtless *better feeding value* in one ton of Sweet Fodder Corn than in double the quantity of any other sort, excepting (possibly) our State of Maine White Flint. 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 mature ears, in almost any part of the Northwest. Drill 1½ to 2 bu. to the acre. Peck, 50c; bu., \$1.80. Sacks free.

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. We try to present briefly and fairly the leading point of superiority claimed for each variety, and will be glad to have our customers **divide their order**, so as to see which sort will best suit their needs.

WRITE FOR SPECIAL PRICES ON LARGE QUANTITIES.

Northrup, King & Co., Minneapolis, Minn.

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 do we. 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 asking our customers to do so. Write Prof. Shaw, of the Minnesota State Experiment Station, St. Anthony Park, Minn., about our Dwarf Essex Rape Seed.

Dwarf Essex Rape is the most valuable forage plant, except clover and two or three of the grasses, that has ever been introduced into the United States, and we take pride and

satisfaction 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 hundreds of tons annually, and it is estimated that last year over five million head of sheep and lambs alone, to say nothing of other stock, were pastured upon it in the United States; and when it is considered that this, large as it may be regarded, is just the beginning of the marvelous development in the use of this wonderful plant, 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, that many people thought we had gone "daft" on the subject, and that a number to whom we gave the seed refused to plant it, for fear it would prove either a noxious weed or injurious to their stock.

In view of these facts, it gives us great pleasure to have lived to

see our faith in Rape seed, for use in this country, amply justified by the outcome.

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 nearly 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 is pre-eminently fitted to furnish pasture for sheep and swine. A good crop will furnish at least 12 tons of green food per acre and its nutritive value is nearly twice that of clover. 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 the market. 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 for sheep and swine. 2. In June or July on well prepared land to provide pasture for sheep. 3. Along with grain, using 2 lbs. of seed per acre to provide pasture for sheep after harvest. 4. Along with peas, oats, clover seed, to provide pasture for sheep, and to get a "catch" of clover. 5. Along with corn drilled in broadcast, to provide pasture for sheep. 6. In corn, sowing the seed with the last cultivation given to corn. 7. Along with rye, sown in August, in sheep pasture. When Rape is sown broadcast, 5 lbs. of seed per acre will suffice. When sown in rows, say 30 inches apart, and cultivated, from 1 to 2 lbs. will be enough. It is now being grown in the Northern and Middle States, from the Atlantic to the Pacific. Price, lb., 25c, postpaid. By express or freight, lb., 10c; 10 lbs. @ 7c; 100 lbs. @ \$6.00. Sacks free.

RAPE HOW TO SOW, GROW AND USE IT.

Written for N., K. & Co. by PROF. THOS. SHAW.

TO all who purchase Rape seed from us, we will send FREE, UPON REQUEST, this new pamphlet, written for us in December, 1900, by Prof. Thos. Shaw, and which brings the subject of Rape down to date. It contains many valuable suggestions.

Northrup, King & Co., Minneapolis, Minn.

SORGHUM, COW PEAS and SOJA BEANS constitute a MOST VALUABLE GROUP of PASTURE, SOILING (green food in cut form) and FODDER PLANTS. Our catalogue space only admits calling attention to their merits in the briefest possible way,

The views shown on this page are from photographs taken of crops grown near Minneapolis during the summer of 1900.

SORGHUM.

As a Pasture Crop for cattle, sheep and swine it has no superior. When grazed down it will quickly spring up again, hence a large amount of pasture may be obtained from it at a season when it is most difficult to obtain pasture from other sources. As a *soiling crop* it will always prove of great value, since at least two crops can be obtained from one sowing, but its highest value as food for stock is found in the *enormous yields* of fodder. When properly grown it may be thus fed during more than half the year.

EARLY MINNESOTA SORGHUM. (Amber Cane.) *Earliest, richest, best.* Lb., 25c, postpaid. By express or freight, lb., 10c; 10 lbs. @ 7c; 100 lbs. @ 5c.

SOUTHERN CANE. Bear in mind that our *Early Minnesota Sorghum* is from two to three weeks earlier than Southern Cane. Where early maturing cane is not desired, Southern seed may be satisfactorily used. Lb., 20c, postpaid.



Sorghum, Grown for Pasture and Soiling.

By express or freight, lb., 8c; 10 lbs. @ 6c; 100 lbs. @ 4c.

SOJA BEAN.

These Beans should be raised on every farm, either as a grain crop or fodder crop to feed green or for the silo. The grain is the *richest known vegetable substance*. Planted in rows 2½ feet apart with 6 to 8 plants to the foot of row, requiring about half a bushel of seed per acre. They yield 15 to 20 tons per acre of fodder extremely rich as flesh formers. They are *soil enrichers*, gathering nitrogen from the air, in the same manner as does clover, the roots being crowded with tubercles, which give them their power.

For the North it is essential and absolutely necessary that the **EARLY** Soja Beans be used. Pkt., 10c; pk., \$1.00; bu., \$3.50.

LATE SOJA BEAN. Suitable for use only in the South. Pkt., 10c; pk., 75c; bu., \$2.50.

COW PEAS.

THE COW PEA was, until very recently, supposed to be suitable only to Southern conditions. Now it is being demonstrated that, when suitable varieties are sown, the crop can be grown with entire success in the North. The best varieties for Northern areas are the **Black Eye** and the **Whippoorwill**.

The Cow Pea furnishes good pasture for cattle, sheep or swine. It may also be used as soiling and for hay, but for the two purposes last named it is a little difficult to handle. It has great power to enrich the land, by putting in it nitrogen drawn from the air, and, since it may be grown as a catch crop, an immense future lies before it in enriching soils.

When pastured by cattle, the early pods should be well formed before turning in the stock. When pastured by swine, the crop should be allowed to get nearly ripe. When plowed under as a fertilizer, the plowing should be done when the plants are in full bloom. But even when pastured by cattle and some of the produce is rejected as food, the part thus rejected is very helpful to the soil. This growing of Cow Peas in the northern half of the United States is only just beginning. A great future lies before it. **Black Eye**, pkt., 10c; pk., \$1.00; bu., \$3.50. **Whippoorwill**, pkt., 10c; pk., 80c; bu., \$2.75.



Cow Pea, Grown for Pasture or Soiling.

Northrup, King & Co., Minneapolis, Minn.

NORTHROP, KING & CO.'S
**HOG PASTURE
 MIXTURE.**

For several years past we have made up for a number of our patrons a special mixture for their Hog Pastures. This has in every instance proven so satisfactory, always resulting in a new order, not only for themselves, but for and from their neighbors, that we have concluded that a great many of our customers would like to know about it, and so we draw attention to it here.

Generally speaking, the mixture in the main consists of Vetches, Rape, Golden Vine, Peas, Soja Beans, Cow Peas, Sorghum, Barley, Japanese Millet, Turnip, Teosinte, Canada Field Peas, etc., but we vary it according to circumstances, and *make up every order separately* with reference to the requirements of each individual case, and the section in which the purchaser resides.

In ordering this mixture it will be necessary to inform us on the following points, bearing in mind that the pasture will under ordinary circumstances be ready for use about five weeks after sowing.

- 1st. In what month do you wish to sow the seed?
- 2d. What is the character of the soil?

With this information, we will make up a mixture that will please you, and we shall be surprised if you don't regard it as the best investment on your farm.

Sow from 100 to 150 lbs. of this mixture to the acre.

Price, \$4.50 per 100 lbs., f. o. b. Minneapolis. Sacks **FREE.**

We do not sell less than 100 lbs. of this mixture, as we cannot afford to make up a special prescription for a less quantity.

FIELD PEAS.

GOLDEN VINE FIELD PEAS. Yellow. Height of vine, 3½ to 4 ft. A fine, vigorous variety. Productive. Qt., 30c, postpaid. By exp. or frt., qt., 15c; pk., 50c; bu., \$2.00. Bags included.

CANADA FIELD PEAS. Yellow. Height of vine, 3½ to 4 ft. This is a standard sort of Green 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 exp. or frt., qt., 15c; pk., 50c; bu., \$1.80. Bags free.

CANADA FIELD PEAS. Green. Height of vine, 3½ to 4 feet. Of the same general character as Canada White Field Pea. Used for the same purposes, but the seed is green in color, instead of white. Qt., 30c, postpaid. By exp. or frt., qt., 15c; pk., 60c; bu., \$2.00. Bags free.

SCOTCH PEAS. Mottled Green. Seed is larger than the ordinary green field pea. Vines are also of more vigorous growth. Very productive. Qt., 35c, postpaid. By exp. or frt., qt., 20c; pk., 60c; bu., \$2.25. Bags free.



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 as good."

VETCHES.


SAND OR WINTER VETCH. (*Vicia Villosa*.) Sometimes called the Hairy Vetch. This has proven to be the most valuable of all Vetches. It succeeds well on nearly all soils, and thrives surprisingly on poor, light land, and well withstands great extremes of drought, heat and cold. It may be sown either in the spring or fall, usually with Rye. 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. It is valuable as a fertilizer, being a great nitrogen gatherer. For hay, cut when commencing to pod. Fifty pounds of seed required to the acre. Large pkt., 5c; lb., 20c, postpaid. By freight, lb., 15c; 10 lbs. at 12c; 50 lbs. at 11c; 100 lbs. at 10c. Bags free.

SPRING VETCHES. Used for the same purposes as the Sand Vetch, but will not thrive on as poor soil, or withstand extremes of weather as successfully. Large pkt., 10c; lb., 20c, postpaid. By freight, lb., 10c; 10 lbs. at 8c; 50 lbs. at 7c; 100 lbs. at 6c. Bags free.

KIDNEY VETCH OR SAND CLOVER. Perennial. Valuable for dry sands or poor soil. Sow 25 lbs. of seed to acre. Pkt., 10c; lb., 25c postpaid; 100 lbs. at 10c. Bags free.

AUSTRALIAN SALT BUSH. The many thousands of acres of alkali lands of the West may be made productive and profitable by planting Salt Bush. Cattle, Horses, Sheep and Swine eat it and thrive on it. This plant is not an experiment, it is a demonstrated success. It flourishes where grasses and other forage plants will not grow, and furnishes enormous quantities of nutritive food for stock and remains green all winter. Single plants grown on the worst alkali lands have reached a diameter of 16 feet in one season. It succeeds everywhere, and there seems to be no question but that it will in time eliminate alkali from the ground, rendering it suitable for other crops. Prof. Tower states that its nutritive strength is nearly equal to that of Alfalfa. Large pkt., 10c; lb., \$1.00.

Grass and Clover Seeds

AND The Plain Truth About "Grades." 

NORTHRUP, KING & CO.'S "STERLING" 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 five years ago established a grade of our own, called **STERLING**, which we intend shall invariably represent the **best seed obtainable**, both as respects purity and high germination. Any one 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**.

Those who buy our **STERLING** grades are absolutely assured the **BEST SEEDS MONEY CAN BUY**. They are to other grades what cream is to skimmed milk.

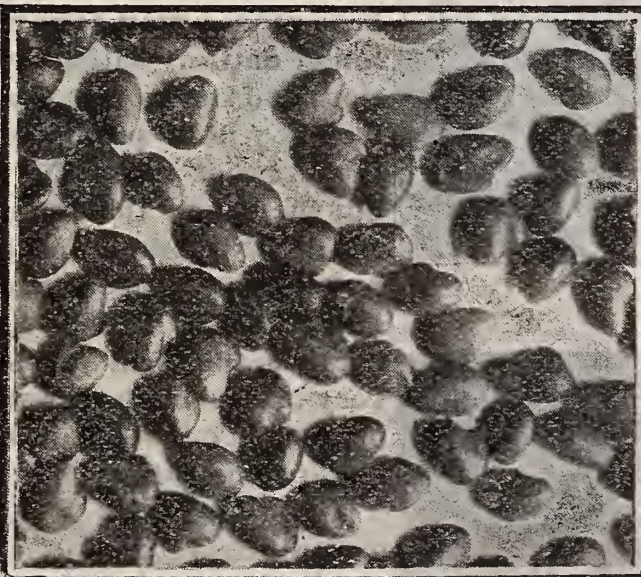
CHOICE means bright, clean seed of strong germination, but not considered by us sufficiently perfect in all particulars to go into our **Sterling** grade.

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.

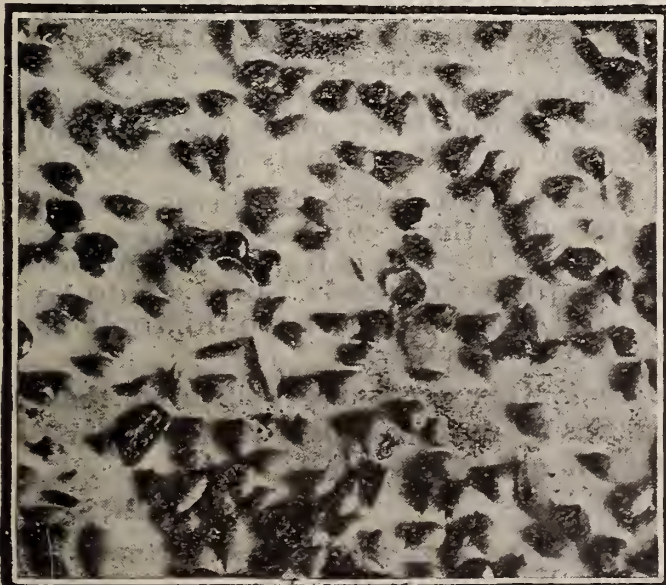
FAIR, or low grade seed, means worthless seed, with which no self-respecting farmer ought to insult his land.

WHAT THE MICROSCOPE REVEALS.


These plates tell a story that should interest every farmer. They are enlarged, but otherwise exact reproductions from photographs, two showing weed seeds and rubbish taken from "supposedly clean" clover seed in making our **STERLING** grade. The upper one is "**STERLING**," and it shows the almost perfect degree of purity attained in our process of cleaning. 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 to readily hide. In "**Hints on Grasses**," written for us by Prof. Beale, he says:

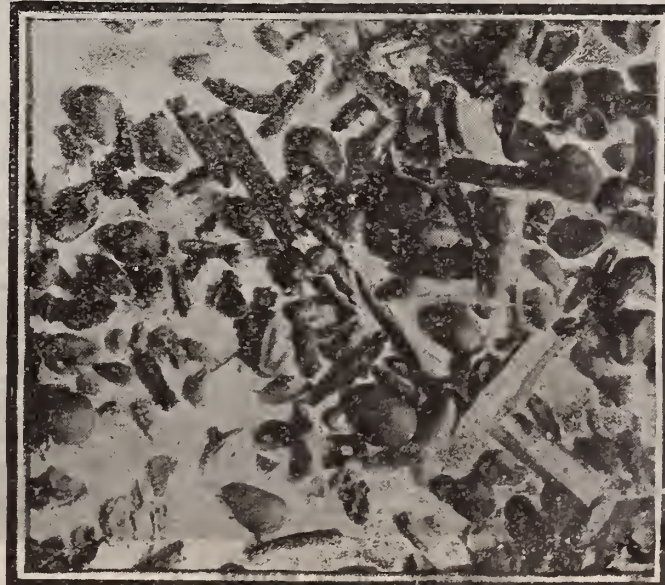


"In 1897 a student, under my direction, collected from dealers, mostly in Michigan, seventy-five packages of seeds of Red Clover, each of which were examined for weeds and tested for vitality. Thirty kinds of weeds were found, all samples containing weeds excepting two. At the same time another student 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.



Northrup, King & Co., Minneapolis, Minn.

APPROVED

The following letter from Mr. A. J. Pieters, in CHARGE OF PURE SEED INVESTIGATIONS, Department of Agriculture, Washington, D. C., is taken from the *Florists' Exchange* (a New York Trade Paper) of Dec. 1st, 1900, and speaks for itself:

Seedsmen's Non-Warranty Clause.

Undoubtedly the seed catalogues now being prepared for 1901 will contain the usual non-warranty clause. The seedsmen, as a rule, do not feel that they can risk any other method, in view of the varying conditions to which seeds are exposed after leaving the sellers' hands. I have before called attention to the difference in this regard between vegetable and field seeds, such as clovers and grasses, and have tried to point out that in the case of the latter class it ought not to be impracticable for the seedsmen to give better assurance to the buyer than he is at present doing. The seedsmen asks the farmer to have confidence in the seeds as advertised, but refuses to show his own confidence in any practical way.

Northrup, King & Co., of Minneapolis, Minn., offer terms of sale that commend themselves, because they cover just this point. Their terms read: "Satisfaction guaranteed. Purchasers ordering our best grades may return them at our expense, if not found entirely satisfactory on receipt and examination, and the money that has been paid for seed and freight will be promptly refunded." Of course, the firm cannot make this offer for all grades of seed, but they show their confidence in the quality of their STERLING brand and give a practical assurance to buyers that these seeds are good. Such terms are EVEN MORE LIBERAL than a specific guarantee, because the firm takes the chances of meeting a very critical customer and having seed returned, not because it is poor, but because the buyer thinks it ought to be better.

The object of a guarantee is not so much to secure the return of a few cents rebate in case seeds are sold not quite up to the guaranteed percentage, as to enlist the immediate financial interest of the seedsmen, and so assure to the buyer the best the seller can furnish at the price. A statement of quality in percentage is also desired, in order that buyers may know more exactly than they can at present what the quality of the seed is.

Northrup, King & Co. define the terms choice, prime, etc., as used in their catalogue, and so far contribute much to the education of the farmer in regard to the quality of seeds, but it would be unsafe to say that their definition would apply to the seeds sold by another firm.

We hope that other seedsmen will prove their faith in their seeds by making similar terms for their highest grades when they offer such.

A. J. PIETERS,

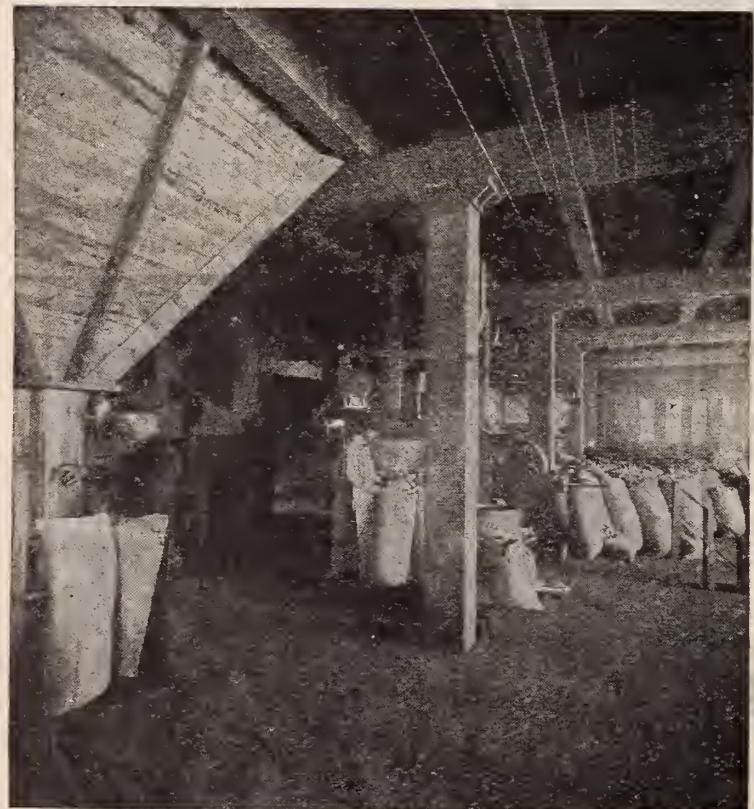
In charge of Pure Seed Investigations, Department of Agriculture, Washington, D. C.



OFFICE OF SEED TESTING DEPARTMENT.



A STORAGE FLOOR.



IN THE "MILL ROOM.

Northrup, King & Co., Minneapolis, Minn.

GRASS AND CLOVER SEEDS.

Things to Remember in Buying Seeds.

- 1st. Great as is the difference in price, the difference in quality is even greater.
- 2nd. That good clean seed of high germination will cover more ground than will seed of poorer quality.
- 3rd. That a few cents saved in the cost of seed, may lose you many dollars in the crop.
- 4th. That every weed on your farm occupies the place where a useful plant might grow.

THESE SEEDS are so FLUCTUATING in value, particularly at the time of going to press with this catalogue, that any prices we might attach here would only be misleading. When ready to buy write us for prices, stating varieties and qualities wanted, and we will make CLOSE PRICES, based on their market worth.

REMEMBER that we carry the largest and best stocks of these seeds in the Northwest.

Please note that we quote both by the 100 lbs. and bushel.

In ordering, always state Grade wanted.

GRASS SEEDS--Leading Varieties.

	Lbs. required per acre if sown alone.	Lb.	Bu.	100 Lbs.
TIMOTHY, N., K. & Co.'s "Sterling" (finest)	10			
Choice	12			
Prime	13			
Fair	14			
RED TOP. (Free from Chaff)				
"Sterling"	10			
Choice (Free from chaff)	11			
Prime	12			
Fair	12			
Choice (in Chaff)	28			
Prime	30			
Fair	32			
KENTUCKY BLUE GRASS.				
N., K. & Co.'s "Sterling"	20			
Fancy	24			
In chaff, 1st quality	30			
" 2d "	34			
CANADIAN BLUE GRASS.	28			

Write

for

Prices.

	Lbs. required per acre if sown alone.	Lb.	Bu.	100 Lbs.
MEADOW FESCUE. (English Blue Grass)	24			
ORCHARD GRASS. "Sterling"	22			
Choice	24			
Prime	26			
FOWL MEADOW GRASS	22			
AWNLESS BROME GRASS (Bromus Inermis.)				
See p. 29.				
BROMUS ERECTUS. The grand new grass for sandy soils.				
See p. 29.				
LAWN GRASS. N., K. & Co's "Sterling" Mixture	50			
N., K. & Co's Park Mixture	56			
" " Good Mixture	60			
ENGLISH, or Perennial Rye Grass	24			
ITALIAN RYE GRASS	24			

Write
for
Prices.

See page 77.

CLOVERS.

WARNING.—It has developed that, owing to short yields of clover seed in the United States, and the great demand that has come from Europe (owing to the almost total failure of the crop there), many American dealers in clover seed have been "SKINNING" their seed; that is to say, running it over screens to take out the large, fine seed to ship to Europe (where they demand the finest grades) leaving the small, half matured and foul seeds to market here.

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. There are times when we cannot supply our STERLING Grade of some varieties, and at such times we always so inform our customers and promptly return the money. We were obliged to do this in a number of cases last year.

LOOK OUT, too, for SOUTHERN clover seed, which contains BUCKHORN, one of the most vicious of weeds, TWIN BROTHER to MUSTARD and QUACK GRASS, and FULLY AS OBJECTIONABLE.

Bear in mind that values on grass and clover seeds fluctuate greatly, and that prices mentioned here are those prevailing at the time this catalogue goes to press. It is always best to write for prices. If wanted by mail, add 10 cents a pound for postage. In ordering, always state Grade wanted. 20 lbs. or more supplied at the 100 lb. rate. Bags included.

	Lbs. required per acre if sown alone.	Lb.	Bu.	100 Lbs.
RED MAMMOTH. N., K. & Co's "STERLING"	8			
Choice	9			
Prime	10			
RED MEDIUM. N., K. & Co's "STERLING"	8			
Choice	9			
Prime	10			
ALSIKE OR SWEDISH. N., K. & Co's "STERLING"	8			
Choice	10			
Prime	12			
Mixed with Timothy				

Write

for

Prices.

	Lbs. required per acre if sown alone.	Lb.	Bu.	100 Lbs.
ALFALFA OR LUCERNE. N., K. & Co's "STERLING"	12			
Choice	12			
Prime	14			
WHITE. N., K. & Co's "STERLING"	7			
Choice	8			
Prime	8			
SCARLET or CRIMSON. Choice	20			
Prime	20			
BOKHARA	10			
SAINFOIN or ESPARCETTE	30			

Write

for

Prices.

IMPORTED AND FANCY GRASSES.

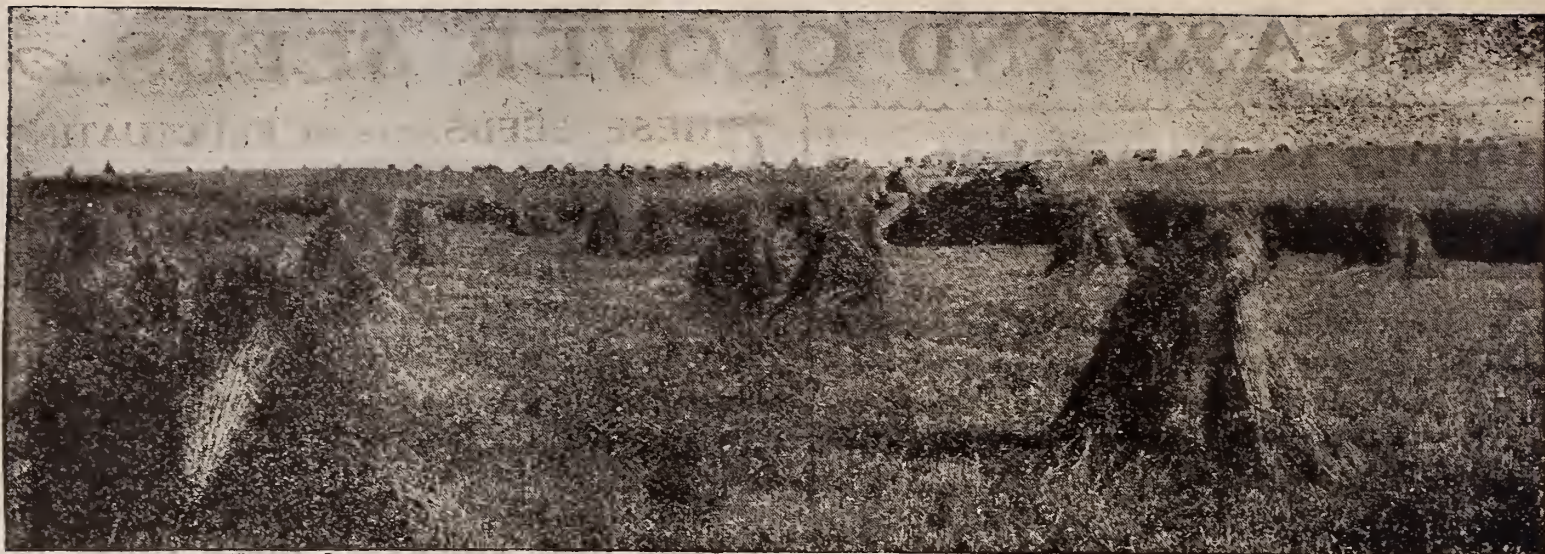
If wanted by mail add 10 cents a pound for postage. 10 pounds or more supplied at the 100 lb. rate.

	Pounds required per acre if sown alone.	Lb.	100 lbs.
RHODE ISLAND BENT	25	\$.25	\$20.00
MEADOW FOX TAIL	18	.30	24.00
SWEET VERNAL, Perennial. Rarely sown alone. With other grasses..	5 to 8	1.00	95.00
SWEET VERNAL, Annual	25	.20	13.00
TALL MEADOW OAT	28	.25	19.00

	Pounds required per acre if sown alone.	Lb.	100 lbs.
YELLOW OAT	25	.65	\$56.00
SHEEP FESCUE	20	.25	15.00
TALL FESCUE	25	.45	34.00
HARD FESCUE	24	.25	15.00
WOOD MEADOW GRASS	20	.55	46.00
ROUGH STALKED MEADOW	20	.43	32.00

Prices Subject to Market Changes.

Northrup, King & Co., Minneapolis, Minn.



Field of Bromus Inermis being cut for seed.

BROMUS INERMIS **D**ROUTH 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 every other grass. It is not an experiment. It is a thoroughly established success.

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 any other grade. From good seed, good crops grow.

MR. J. H. SHEPPERD, Professor of Agriculture, N. D. Agricultural College, Fargo, writes us Nov. 15, 1899:

"As pasturage it is preferred to timothy by the cattle, as shown by a trial, where it was fed off more closely than timothy in the same pasture. It has the advantage of being early and being green until late in the fall. The fact that the Bromus Inermis resists drouth better than other cultivated grasses, greatly adds to its value in the Northwest. The eagerness with which it is sought by stock leads me to believe that it is of as much value as timothy for hay and pasturage, and that the hay is as valuable, ton for ton."

Mr. S. W. BEDFORD, Supt. of the Experimental Farm at Brandon, Manitoba, writes us Nov. 9, 1899:

The Bromus Inermis has done exceedingly well on the farm here, both on high and low land. Even on our gravelly soil and the tops of hills it has given us a fair return, while on the rich, alluvial soil it has yielded us a very heavy crop indeed, exceeding four tons of dry hay to the acre during the past year. It gives us a very much larger return than timothy, and cattle prefer it to any other hay we have tested here. We have tested its feeding value, both to dairy cattle and for feeding steers, and find that it gives us much better results than any other class of hay."

PRICE. We offer three grades of Bromus Inermis, as follows: We supply 25 lbs. at the hundred pound rate. Write for special prices on large quantity.

Our "STERLING" grade is the finest possible quality. Our collector writes us from Germany: "In this you have the pick of this year's crop." It is the best, purest, heaviest and strongest growing Bromus we have ever seen. Only 15 lbs. of this grade required to the acre. By mail, postpaid, 1 lb., 35c; by express or freight, 1 lb., 25c; 100 lbs., \$16.00. Bags included.

CHOICE is pure seed but lighter in weight, and does not show quite as perfect germination. Lb., 30c; by express or freight, 1 lb., 20c; 100 lbs., \$14.00. Bags included. (20 lbs. required to the acre.)

PRIME is of good germination and weight, but mixed with seed of cheaper grasses. This is the grade handled by many seed houses, but in the end does not give satisfaction. By mail postpaid, lb., 25c; by express or freight, lb., 15c; 100 lbs., \$13.00. Bags included.

BROMUS ERECTUS. Last year we introduced this grass, never before offered in America, which we believe is going

FOR POOR, LIGHT SOILS.

to prove, IN ITS PARTICULAR FIELD, AS VALUABLE AS BROMUS INERMIS. It closely resembles Bromus Inermis, but, unlike that grass, is suited for POOR, LIGHT SOILS.

It resists any amount of burning heat, disappearing where permanent moisture of the soil is a feature. Shade will also kill it off, while frost does not affect it. Dr. Stebler, of the Experimental Station of Zurich, Switzerland, says: "For poor soil it is truly a blessing." Vilmorin, the noted agriculturist of France, states "That he owns land that he put to this grass twenty years ago, and, although the lands have never been manured, the grass still stands extremely well."

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 an indefinite period, affording large yields of hay (as high as 4½ tons to the acre are reported) and excellent pasturage. 20 lbs. of seed required to the acre. Our "Sterling" grade by mail, postpaid, lb., 35c; by express or freight, lb., 25c; 100 lbs., \$20.00. Choice, lb., 30c, postpaid; by express or freight, at purchaser's expense, lb., 20c; 100 lbs., \$16.00.

SLENDER WHEAT GRASS

(*Agropyrum Tenerum.*)

Of Exceedingly Great Importance to Northwestern Farmers.

Thrives Luxuriantly on Alkali Lands.

This grass, commonly, but erroneously, called Western Rye Grass, is a native of the N. W. Canadian Provinces. One of our firm last season visiting Assiniboia found that through that province and Manitoba it was becoming a strong competitor with *Bromus Inermis*. While not equalling the *Bromus Inermis* in feeding value, it resists even greater extremes of drought and cold. Being a bunch grass it requires but one plowing to kill it. It makes very early pasturage, and when wanted for seed can be harvested and threshed as cheaply as wheat. The seed being quite heavy, it can be sown with any ordinary grain seeder. The hay is easily cured, and the seed is much more easily cleaned than that of *Bromus Inermis*. In addition to the above desirable qualities it has the exceedingly rare and valuable one of thriving on alkali land.

A Grass for Alkali Lands.
Resists Drought and Cold.
Makes Early Pasturage.
Makes Good Hay.
Is Easily Sown.

Sow 15 pounds to the acre.

Price per pound, postpaid, 30c. by freight or express, lb., 20c; 100 lbs., \$16.00. 50 lbs., supplied at the 100 lb. rate.



**ALFALFA
PLANT.**

ALFALFA.

"There is no State in the Union where Alfalfa cannot be successfully grown."

Five years ago we should not have ventured to quote the above statement. We now believe it to be a true and reasonable assertion.

It is unnecessary to enter into any argument as to the value and desirability of Alfalfa. Everyone knows what it is, and there is probably not a farmer in the United States who would not like to have it growing on his farm.

Let us see if you cannot establish it on your farm.

1st. The presence of lime in some form, either in the soil or sub-soil, seems to be essential. If it is known that there is no lime in the soil, it should be applied as a top dressing, when the land is being plowed preparatory to sowing the seed.

2d. **GOOD DRAINAGE is NECESSARY**, for an excess of surface water soon rots out the roots.

3d. **Seed of proper origin is necessary.** Almost all the experiments that have been made with Alfalfa in the various states, both by experiment stations and private individuals, have been made with Utah Seed, and this, in our judgment, accounts for very many failures, not because the seed is not good, for on the contrary it is usually of most excellent quality, but because it is not suited to the conditions existing in some localities.

Knowing the above to be true, we have gathered from various quarters the following four growths of alfalfa clover:

1st. **RHENISH ALFALFA.** This seed comes from the Rhenish mountains, is of our own importation, and never before offered in this country. Under trials made, was the only planting which came through the winter uninjured. *Not a plant of Utah seed alongside of it survived.* We are inclined to regard this as more promising than the Turkestan, and safer for cold climates. Lb., 60c; postpaid. By freight, 100 lbs., \$40.00.

TURKESTAN ALFALFA. Seed of this, collected by Prof. U. S. Hansen, of South Dakota, was disseminated by the Department of Agriculture last year, and the reports about it are very promising. Out of 12 reports received from North Dakota, 8 were favorable, reporting that it withstood the winters. One objection to Turkestan seed is that it usually contains "dodder" one of the most damaging of weeds. Our seed is of our own importation and is "dodder free." Lb., 60c, postpaid. By freight, 100 lbs., \$40.00.

MONTANA GROWN ALFALFA. We have received from Montana a quantity of very choice seed, which we consider the best American grown seed we have ever handled. This should be very much hardier than the Utah or Kansas seed. It is particularly large, bold and beautiful seed, and as it is now being produced there in considerable quantities, we believe it will be but a short time before it will command the highest price of any American grown Alfalfa. Lb., 30c, postpaid. By freight, 100 lbs., \$12.00.

UTAH GROWN ALFALFA. This is the seed commonly sold in this country. First quality, lb., 25c, postpaid. By freight, 100 lbs., \$10.00. Second quality, lb., 25c, postpaid. By freight, 100 lbs., \$9.25.

Northrup, King & Co., Minneapolis, Minn.

N., K. & Co.'s CLOVER GRASS MIXTURES.

FOR MEADOWS AND PERMANENT PASTURES.

ALL authorities agree that for PASTURE and HAY, best results are obtained from the use of grass seeds IN MIXTURE. The reasons are obvious: First—A NUMBER OF SPECIES will insure a much DENSER GROWTH than the same number of seeds of one or two species, and prove Less Exhausting to the soil, since they live to a great extent on different constituents. Second—Seasons that affect some grasses adversely are FAVORABLE to other sorts. So that with mixtures, a failure is PRACTICALLY IMPOSSIBLE, provided, of course, the seed is good. We take great pains in selecting grass seeds, in order to secure the HIGHEST GERMINATION, and our mixtures are based on a full appreciation of the requirements of different soils for which they are intended.

"Very Economical."



MR. A. H. POEHLER,
Treas. H. Poehler Co.
Grain Commission,
Minneapolis.

"The permanent pasture mixture you made up last Spring for forty acres of our Renville County farm made an excellent catch, and is very thick on the ground. Although the original cost is greater, I believe that such mixtures as these are, in the long run, very much more economical and profitable than the varieties ordinarily used for pastures in the Northwest.
Yours truly,
H. POEHLER CO.

SPECIAL NOTICE! We ask purchasers to observe that we are able to offer, at these 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**. We cannot afford to add anything to the mixture, on account of the slight margin upon which we have figured. We shall be happy, however, to make estimates on any **special mixtures** desired by our patrons. Our recommendations 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.

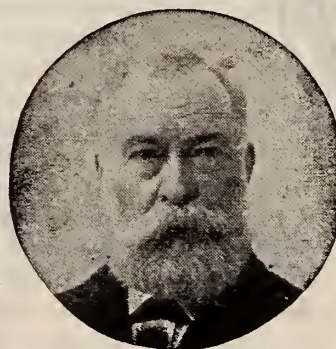
FOR PERMANENT MEADOWS.

	Lbs. per acre.	Per 100 lbs.
No. 1. For dry and high grounds, light soil.....	22	\$13.20
No. 2. For dry and high grounds, strong soils.....	20	12.25
No. 3. For moist grounds & rich soils	18	13.10
No. 4. For moist grounds, occasionally overflowed.....	16	11.70
No. 5. For orchards and shaded places	20	14.00

FOR PERMANENT PASTURES.

	Lbs. per acre.	Per 100 lbs.
No. 10. For high and dry grounds, light soils.....	24	12.50
No. 11. For high and dry grounds, heavy or clay soils.....	22	12.25
No. 12. For moist grounds & rich soils	20	12.75
No. 13. For top seeding to improve pasturage on low, rich ground or marshes.....	12	11.25
No. 14. For orchards and shaded places	20	13.30

"The Best I Have Seen."



MR. J. STRUDWICK,
Supt. Mr. F. H. Peavey's
Highcroft Farm.

The permanent pasture mixture you made up for Mr. Peavey's Highcroft Farm has done splendidly. It was a fine mixture and made a good catch. During the sixteen years I have been in this country I have been trying to get such mixtures as are so successful and permanent in England. Yours is, by all means, the best I have yet seen.
Yours truly,
J. STRUDWICK,
Wayzata, Minn.

The above 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.

THE BEST EVER. THE Clover and Timothy ("STERLING") I got of you is the best seed I ever saw. I let a neighbor look at it to-day and the result was I had to order \$10.00 worth for him right away; enclosed find the money.
GEO. H. GORDON,
Willow Creek, Mont.

CLEAN GRASS SEEDS YOUR Seeds have always given the very best of satisfaction, especially your "Sterling" Brands of Grass Seeds, which are the best and cleanest I have ever seen. I think yours is the best Seed House in the Northwest.
H. C. CONSTANCE,
New Richmond, Wis.

MILLETS AND BROOM CORN.

MILLETS fluctuate greatly in value, and any price we might place on them at the time this catalogue is printed would, in the present condition of the market, be misleading. When ready to buy, write us for prices, stating varieties and quantities wanted, and we will make prices based on their market worth. ❀ ❀

GERMAN MILLET. (*True Southern Grown 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.

Write for Prices, Stating Quantity Wanted.

NEW JAPANESE MILLET. (*Panicum Crus-galli Major.*) Entirely distinct from any other Millet. Grows high (6 to 8 feet), stands remarkably well and yields *enormous crops.* This grand new Millet is highly endorsed by experiment stations, and we are inclined to believe that, as soon as its merits become more generally known, it will become the favorite and most largely used variety. Lb., 20c, postpaid; 10 lbs., 75c; 100 lbs., \$5.00. Bags free,

NORTHERN OR COMMON MILLET.

As stated above, Common Millet does not yield as much hay or as good hay as the German (Southern Seed). It is usually much cheaper than true German.

Write for Prices, Stating Quantity Wanted.

HUNGARIAN. (*Dark Seed.*) 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.

Write for Prices, Stating Quantity Wanted.

EARLY FORTUNE MILLET. A most promising new variety, of which astonishing yields are reported. It is very early, and it is claimed to be rust proof, and that chinch bugs will not eat the plant. The seed is very beautiful and distinguished in appearance.

Write for Prices, Stating Quantity Wanted.

HOG OR BROOM CORN MILLET. This is grown for the same purposes for which the 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.

Write for Prices, Stating Quantity Wanted.

SIBERIAN MILLET. A new variety from Russia, earlier than either German Millet or Hungarian, and consequently very valuable for the North, and yields remarkably. The South Dakota Experiment Station pronounces it "*the most promising variety yet tested.*" The plant stools to a remarkable degree, and is not subject to rust.

Write for Prices, Stating Quantity Wanted.

BROOM CORN Has of late attracted a good deal of attention, on account of the high prices realized for the product; and, considering the importance of the crop, there seem to be comparatively few engaged in its culture. Several Minnesota farmers have been making a specialty of Broom Corn of late, and have done very well, indeed, with it. Our seed is Minnesota grown, and therefore adapted to the North.

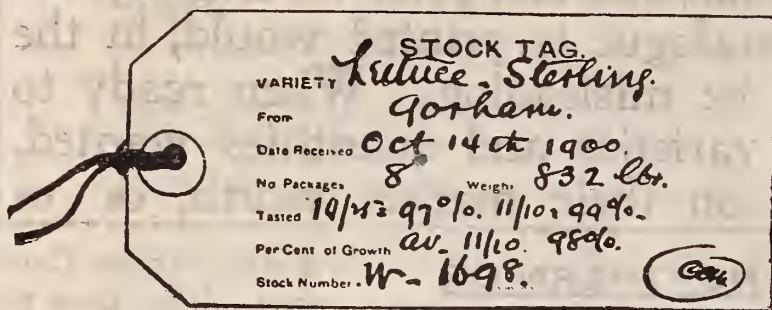
NEW EVERGREEN BROOM CORN. The best variety for general cultivation on account of color and quality of brush; brush of good length, and always of green appearance when ripe, never gets red and has no center stalk, which is a most desirable point to broom corn raisers and manufacturers. Large pkt., 5c; 1b., 20c, postpaid. By express or freight, 10 lb., 50c; 100 lbs., \$3.50.

EARLY JAPANESE BROOM CORN. The earliest Broom Corn in existence; matures in about 75 days when planted late; has been planted on July 17 and ready to cut Oct. 1. Large pkt., 5c; 1b., 20c, postpaid. By express or freight, 10 lbs., 60c; 100 lbs., \$3.75.

Northrup, King & Co., Minneapolis, Minn.

NORTHRUP, KING & CO.'S SELECT LIST OF

VEGETABLE SEEDS



STOCK TAG.
(From Photograph.)

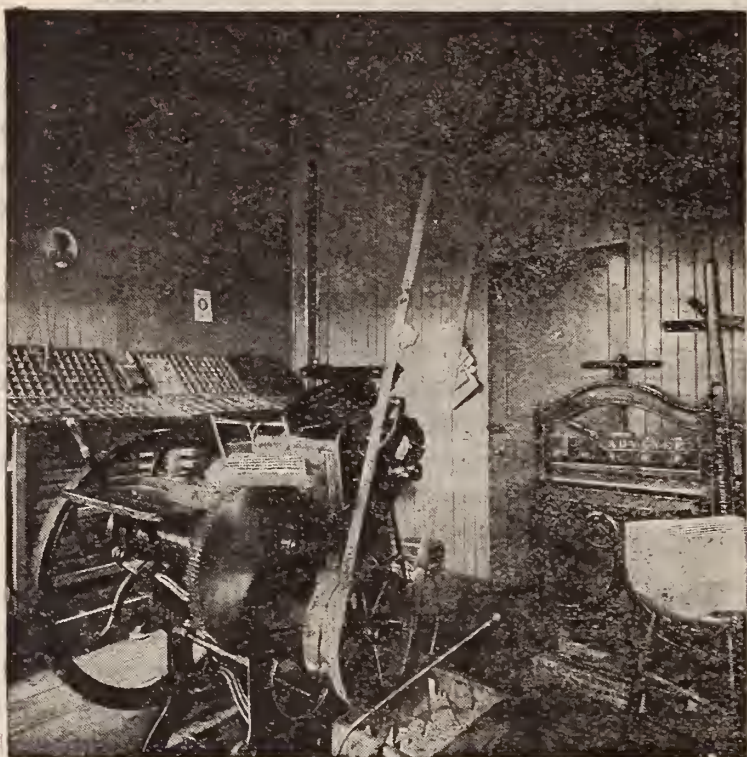
Our system (original with ourselves) of keeping track of the many different varieties and lots of seeds we handle, is interesting to many who visit our warehouse. Under the number that is given each lot when it comes in, a complete history is kept of it.

If complaint is received from a customer as to germination, quality, etc., we can locate the facts. If, as frequently happens, a market gardener wishes to secure an additional quantity of seed for next year's planting from a stock which has given him particular satisfaction, we can (if unsold) fill his order out of the identical parcel from which his first order was taken.

It costs us several thousands of dollars each year to carry out this system, but it is money well expended, as it gives us a detailed record of every order, and is a great protection to our customers.

Valuable Premiums

With orders for Vegetable or Flower Seeds amounting to \$1.00 or over, you may make your own choice of three valuable premiums offered on page 3. Do not fail to take advantage of this liberal offer; and be sure you mention by NUMBER the premium wanted when SENDING ORDER. This offer, while made with the special object of attracting new trade, is, of course, open alike to all our customers, old as well as new.



A CORNER OF OUR PRINTING OFFICE.

We operate, and keep employed on our work exclusively, a thoroughly equipped printing office.



"Vegetable Gardening."

MR. S. B. GREEN.

By Samuel B. Green,
*Professor of Horticulture,
 University of Minnesota.*

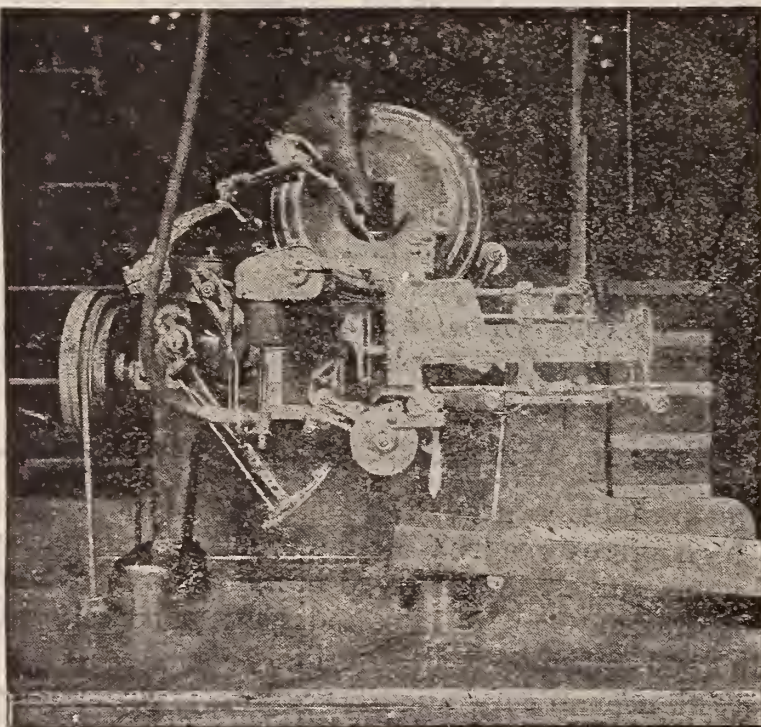
A manual on the growing of vegetables for home use and the market, with 115 illustrations. Price, cloth bound, postage prepaid, \$1.00.

This is not only the latest but the very best book on vegetable gardening. It seems to contain everything relating to the farm or market garden.

The information is presented so clearly and systematically that no time need be lost in finding just what is wanted.

It is full of labor saving suggestions, and is up to date in every particular. Mailed to any address on receipt of \$1.00.

If on receipt and examination the book is not found in every way satisfactory, it may be returned and money paid for same will be promptly refunded.



SEED BAG FILLING MACHINE.

This ingenious machine fills and seals 30,000 packages a day, and does its work with absolute accuracy.

AN IMPORTANT THING TO REMEMBER

IN

CONSIDERING our prices on vegetable seeds, is that we pay postage, NOT ONLY on the more expensive and less bulky seeds quoted by the pound, but on Beans, Peas and Corn by the pint and quart.

If ordered by Express or Freight at purchaser's expense, deduct at the rate of 8 cts. a lb., 7 cts. a pint, 15 cts. a quart, from the postpaid price.



ARTICHOKE SEED.

(For Roots see page 61.)

✓ **GREEN GLOBE.** Grown for the unripe flower heads, which are highly esteemed by epicures. Large pkt., 10c; oz., 30c; ¼ lb., 80c.

ASPARAGUS SEED.

(For Asparagus roots see page 61.)

✓ **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, and it can be depended upon to give 80 to 90 per cent. of white plants from seed. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

✓ **PALMETTO.** Mammoth in size, even and regular in growth and appearance. Usually ready for market before other varieties. Pkt., 5c; oz., 15c; ¼ lb., 15c; lb., 50c.

✓ **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., 15c; lb., 40c.

✓ **BARR'S MAMMOTH.** Produces very large stalks. Quality excellent. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c.

✓ **BLACK WAX IMPROVED PROLIFIC.** Very early. Pods round, full, stringless, fine quality. Pkt., 5c; lb., 25c; qt., 50c; pk., \$1.50.

✓ **BLACK WAX.** Challenge. Extra strain of Dwarf Black Wax. Pkt., 5c; lb., 25c; qt., 50c; pk., \$1.50.

✓ **BLACK WAX.** Currie's Rust Proof. Flat pods. Very early and productive. Pkt., 5c; lb., 25c; qt., 50c; pk., \$1.50.

✓ **BURPEE'S NEW STRINGLESS.** Green Pods. (New.) The only *stringless* Green Pod in cultivation. Earlier than the Red Valentine or Yellow Six Weeks. Pkt., 5c; lb., 35c; qt., 60c; pk., \$1.50.

✓ **DAVIS KIDNEY WAX.** (New). An entirely distinct sort. Seed is entirely white, without eye. Pods flat, long, white, straight and handsome. Very hardy and productive. Valuable for market gardeners and canners' use. Valuable either in a green or dry state. Pkt., 5c; lb., 30c; qt., 60c; pk., \$1.60.

✓ **DETROIT WAX.** An improved Golden Wax, and less liable to rust. Pkt., 5c; lb., 25c; qt., 50c; pk., \$1.50.

✓ **GOLDEN EYE WAX.** Very early. Free from rust. Pods yellow, flat. Pkt., 5c; lb., 25c; qt., 50c; pk., \$1.50.

✓ **GOLDEN WAX.** (Improved.) Early flat, yellow pod. Popular sort, Pkt., 5c; lb., 25c; qt., 50c; pk., \$1.50.

✓ **PERFECTION WAX.** Yellow, flat, stringless pods, early and more productive than Golden Wax. Pkt., 5c; lb., 25c; qt., 50c; pk., \$1.50.

✓ **PINK EYE WAX.** Early. Resembles Detroit Wax. Pkt., 5c; lb., 25c; qt., 50c; pk., \$1.50.

✓ **REFUGEE WAX.** Very productive; early. For early or late sowing. Pkt., 5c; lb., 25c; qt., 50c; pk., \$1.50.

✓ **WARDWELL'S KIDNEY WAX.** Pure Wax Pods, long, flat, and not likely to rust. Pkt., 5c; lb., 30c; qt., 60c; pk., \$1.75.

✓ **YOSEMITE MAMMOTH WAX.** A Giant among Beans. The pods frequently reach a length of 10 inches. They are of a rich golden color, tender and delicious when cooked. Pkt., 5c; lb., 30c; qt., 60c; pk., \$2.00.

BEANS, DWARF or SNAP, Green Pod.

✓ **BEST OF ALL.** Early and of superior quality. Pods, which are splashed with red, are round and fleshy. Pkt., 5c; lb., 25c; qt., 50c; pk., \$1.25.

✓ **BOSTON FAVORITE.** (Goddard.) Pods green, splashed with red. Pkt., 5c; lb., 25c; qt., 50c; pk., \$1.25.

✓ **CHINA RED EYE.** Early. Continues long in bearing. Pkt., 5c; lb., 20c; qt., 40c; pk., \$1.25.

✓ **EARLY MOHAWK.** Can be planted earlier than most beans on account of its hardiness. Pkt., 5c; lb., 25c; qt., 50c; pk., \$1.25.

✓ **EXTRA EARLY VALENTINE.** (Round Pod.) Our stock of this important variety is of the best. Under favorable conditions pods are usually ready to pick in about thirty-three days from germination. Largely grown by Southern truckers. Pkt., 5c; lb., 30c; qt., 60c; pk., \$1.25.

✓ **EARLY LONG YELLOW SIX WEEKS.** Full, flat, green pods. Pkt., 5c; lb., 25c; qt., 50c; pk., \$1.25.

✓ **HORTICULTURAL.** Pods full, green, splashed with red. Pkt., 5c; lb., 25c; qt., 50c; pk., \$1.25.

✓ **REFUGEE.** Extra Early. Two weeks earlier than the late. Pkt., 5c; lb., 25c; qt., 50c; pk., \$1.00.

✓ **REFUGEE.** Late or 1000-to-1. The best pickling sort. Pkt., 5c; lb., 25c; qt., 50c; pk., \$1.00.

Our Packets of Beans contain on an average about 100 Seeds.

WRITE FOR SPECIAL PRICES ON LARGE LOTS.

Northrup, King & Co., Minneapolis, Minn.

WE PAY POSTAGE. REMEMBER that our quart prices on Beans include PREPAYMENT of POSTAGE BY US. If wanted by express or freight with other seeds, deduct 15 CENTS A QUART or 7 cents a pint. Pints supplied at quart price. Peck and half bushels at bushel prices.

DWARF OR BUSH LIMA.

These easily rank as the most valuable vegetable introduction of recent years. Those who have not grown the Dwarf Lima Beans, should try them. No garden is complete, no table is properly supplied without them.

BURPEE'S. Most popular sort. Seed large.....	Pkt.	Ot.	1/4bu.
DREER'S. Fine flavor, thick, sweet and succulent....	10	60	2.25
THORBURN or KUMERLE. Fine flavor.....	10	60	2.25
HENDERSON'S or SIEVA. Not equal in quality to preceding.....	5	40	1.00

BEANS, POLE OR RUNNING.

LARGE WHITE LIMA. Largely grown, highly esteemed.....	5	50	\$1.60
KING OF THE GARDEN LIMA. Best large, productive.....	5	60	1.75
DREER'S LIMA. Thick and fine quality, large.....	10	60	1.75
KENTUCKY WONDER. (Old Homestead.) Best variety for use in a green state. Enormously productive.....	5	60	1.75
LAZY WIFE. So named on account of the large number of pods it affords, making it easy to get a supply.....	5	60	1.75
WHITE CREASEBACK. (Early.) Pods light green in color, stringless and of fine quality.....	5	50	1.50
GOLDEN CLUSTER WAX. Pods large, beautiful, bright golden color; very productive; quality fine.....	5	50	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.....	5	40	1.50

FIELD BEANS.

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. 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 per bushel; Medium Beans, \$2.25. Marrows, \$2.15. If mixed with each other they would sell at a discount of from 50 cts. to \$1.00 per bushel from these prices. Let us do a little figuring and see what farmers would gain by planting pure seed, taking 30 bushels per acre as a crop.

Additional price of 50c per bu., 30 bu., \$15; Less extra cost, 1/2 bu. of seed, \$1.00; Net gain \$14. Can farmers afford to lose \$10.00 to \$20.00 per acre when they can gain from one to two thousand per cent. on the investment by planting pure seed?

CHOICE NAVY.....	Pkt.	Ot.	Ru.	RED KIDNEY.....	Pkt.	Ot.	Bu.
" MEDIUM.....	5	40	2.75	BROWN or Swedish.....	5	50	3.25
" MARROW.....	5	40	3.00	ENGLISH or Broad Windsor.....	5	50	5.00

A WONDERFUL WHITE FIELD BEAN.

THE CALIFORNIA WONDER, or IMPROVED TREE, is easily the heaviest yielding Bean known. It is a field variety. The seed resembles the well known "Navy," and, on account of its whiteness and small size, commands the highest price in all markets. It has the additional merit of being pure stock. Mixed stock always sells at from 25 to 50 per cent. less than straight stock. A few cents extra expended on the seed means many dollars in the crop. 12 quarts of the California Wonder Bean will plant an acre. Price, large pkt., 10c; qt., 40c, postpaid. By express or freight, qt. 20c; peck, 80c; bu., \$3.50; 10 bu. @ \$3.25.



"ONE STORY GOOD ONLY UNTIL ANOTHER IS TOLD."

"Your CALIFORNIA WONDER Bean is the GREATEST YIELDER I HAVE EVER SEEN. I notice that Emma Stone grew 864 Beans from one single vine. I have just shelled the Beans from ONE STALK and have 900 Beans. L. R. CROCKER, Minnesota."

"ANOTHER COUNTY HEARD FROM."

"Your CALIFORNIA WONDER Bean YIELDED ENORMOUSLY. I have selected three of the best stalks and counted the beans on them. One gave 1,168, the second 982 and the third 874, in all 3,024 matured beans from ONLY THREE BEANS PLANTED. This, I think, will pretty nearly beat them all. L. O. MOLIN, Lewis Lake, Minn."



BEET. N., K. & CO.'S SELECTED STOCK.

Our packets of Beet contain on the average about 500 seeds. One oz. sows 50 ft. of drill. 5 to 6 lbs. for an acre.

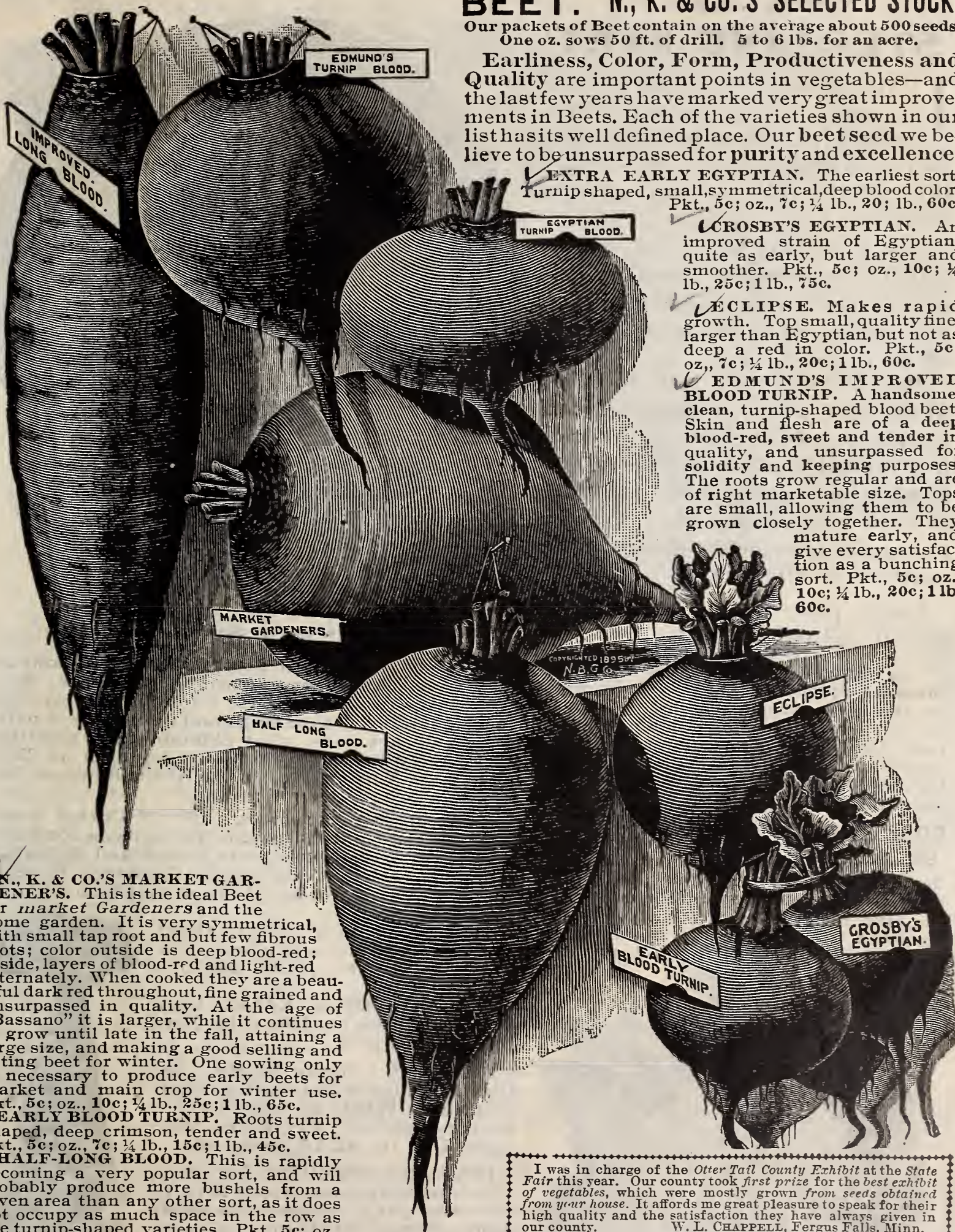
Earliness, Color, Form, Productiveness and Quality are important points in vegetables—and the last few years have marked very great improvements in Beets. Each of the varieties shown in our list has its well defined place. Our beet seed we believe to be unsurpassed for purity and excellence.

EXTRA EARLY EGYPTIAN. The earliest sort. Turnip shaped, small, symmetrical, deep blood color. Pkt., 5c; oz., 7c; ¼ lb., 20; 1 lb., 60c.

CROSBY'S EGYPTIAN. An improved strain of Egyptian, quite as early, but larger and smoother. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.

ECLIPSE. Makes rapid growth. Top small, quality fine, larger than Egyptian, but not as deep a red in color. Pkt., 5c; oz., 7c; ¼ lb., 20c; 1 lb., 60c.

EDMUND'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; 1 lb., 60c.



N., K. & CO.'S MARKET GARDENER'S. 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. At the age of "Bassano" it is larger, while 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; 1 lb., 65c.

EARLY BLOOD TURNIP. Roots turnip shaped, deep crimson, tender and sweet. Pkt., 5c; oz., 7c; ¼ lb., 15c; 1 lb., 45c.

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 as much space in the row as the turnip-shaped varieties. Pkt., 5c; oz., 8c; ¼ lb., 20; 1 lb., 60c, postpaid.

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., 8c; ¼ lb., 15c; 1 lb., 45c, postpaid.

SWISS CHARD OR SILVER BEET. Much superior to the common beet for greens, and if sown at the same time will be fit for use before them. Pkt., 5c; oz., 8c; ¼ lb., 15c; 1 lb., 40c, postpaid.

I was in charge of the Otter Tail County Exhibit at the State Fair this year. Our county took first prize for the best exhibit of vegetables, which were mostly grown from seeds obtained from your house. It affords me great pleasure to speak for their high quality and the satisfaction they have always given in our county.
W. L. CHAPPELL, Fergus Falls, Minn.

FOR MANGEL WURZEL (STOCK FEEDING BEET), SEE PAGE 6.
FOR SUGAR BEET (FINEST STRAINS), SEE PAGE 6.

Northrup, King & Co., Minneapolis, Minn.

✓ **STERLING BEET.**

IN this new 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., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00, postpaid.



N., K. & Co.'s Sterling Beet.

In our customers' interest we desire to call special attention to **Borecole** (Kale), **Broccoli** and **Brussels Sprouts**. These are highly valued in all European countries. They are found on the seed orders of those who come to America from across the water, but all of them are not generally appreciated here. There are undoubtedly thousands and thousands of native born Americans who have never tried them and do not know what palatable and nutritious vegetables they are. Borecole or Kale is very largely grown in the South, as high as 250,000 barrels having been shipped in a single season from Norfolk, Va. In the North, however, it is not extensively grown. It should, however, be in every garden for "greens."

✓ **BORECOLE, DWARF GERMAN KALE.—German Greens or Sprouts.** (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; ¼ lb., 25c; lb., 70c, postpaid.

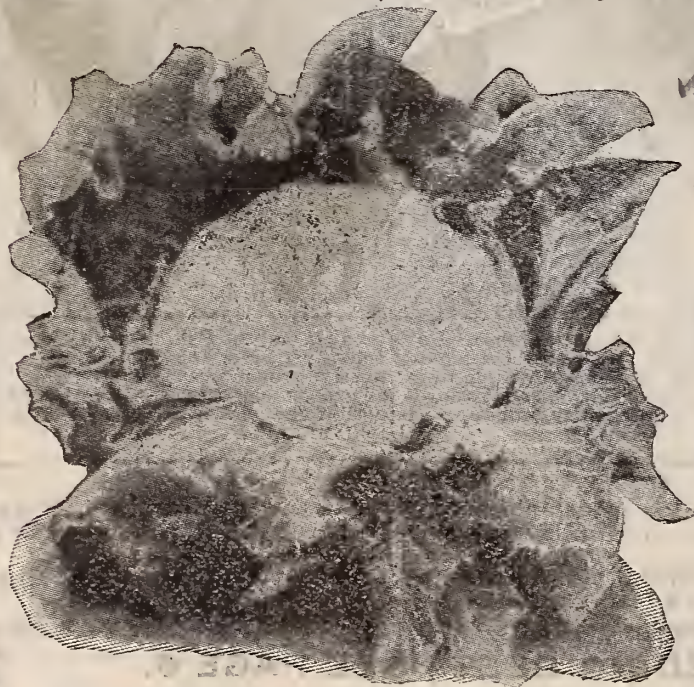
✓ **TALL GREEN CURLED SCOTCH.** This makes a beautiful plant, about two and a half feet tall, with densely curled, dark green leaves in abundance.

Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid.

✓ **DWARF PURPLE KALE.** Very hardy. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c, postpaid.

✓ **BROCCOLI.** Forms heads very like a cauliflower, but much hardier. Our **Snow White** we consider the best and earliest. Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., \$2.75, postpaid.

✓ **BRUSSELS SPROUTS.** The stem, which usually grows about 20 in. to 2 ft. 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. Cultivate same as cabbage. **Improved Dwarf** is the best variety. On this the heads grow very closely, and quality the finest. Pkt., 5c; oz., 15c; ¼ lb., 45c, lb., \$1.50, postpaid.



BROCCOLI. "Snow White."



BRUSSELS SPROUTS.

N., K.
& Co.'s

Washington Wakefield Cabbage.

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



WASHINGTON WAKEFIELD CABBAGE. (Early). We introduced this cabbage in 1893, at which time our stock was limited. We received so many letters of praise and congratulation regarding it, that it seemed as though everyone who tried it must have written to make known their satisfaction. All Gardeners are so familiar with the Wakefield Cabbages that description is unnecessary. The engraving shows the character of the Washington Wakefield. It is fully as early as any other strain of Wakefield Cabbage and double the size. No other stock equals it in **EARLINESS, SIZE OF HEAD** and **PURITY OF STOCK**. Large pkt., 15c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

No other cabbage of which we have knowledge has aroused such enthusiasm among cabbage experts as has our Washington Wakefield.

WHAT OUR CUSTOMERS SAY ABOUT IT.

"Two Weeks Earlier than Lightning or Express."

In 1897 Angus McDowell, of Wausaukee, Wis., wrote us: "Your *Washington Wakefield* beats anything I ever saw in the cabbage line. I sold some *sixty-five days* after planting the seed. The heads averaged $4\frac{1}{4}$ lbs. each, and this with very little care. It will hereafter be my early and principal cabbage." In 1898 he writes: "Your *Washington Wakefield* and *Harvest Home* are the two best cabbages that grow. The *Washington Wakefield* was two weeks earlier than the *Lightning* or *Express*, and heads as hard as the late sorts. Out of 972 plants of the *Harvest Home* that I set out from a single packet of seed not one plant failed to head. Any gardener giving your seeds a trial will surely order of you again."

"The Surest Header."

"Your *Washington Wakefield* Cabbage is the surest header, and has the largest heads of any early cabbage I ever handled. Your *Model Cauliflower* surpasses everything I have ever had."
HENRY JOHNSTON,
Monarch, Mont.

"Surpassed Any Other Variety."

"I want to let you know that the *Washington Wakefield* Cabbage surpassed any other variety of early cabbage we had here. We took the first to market July 15th. Receive my most sincere respects in promising you my full order for seeds next year."
JOHN ABLE, Schofield, Wis.

"Best I Ever Raised."

"Your *Washington Wakefield* Cabbage is the best I ever raised."
T. C. JOHNSON,
Holcomb, Neb.

"Had Cabbage July 10th."

"I purchased *Washington Wakefield* Cabbage of you last season, and had good large heads by July 10th. I raised 1100 of them and can recommend this variety as being extremely early. J. H. HARRISON, Rock Lake, N. D.

"The Surest Header."

"Your seeds have my highest endorsement. The *Washington Wakefield* Cabbage is the surest header of any large cabbage I have ever tried in this State. I have always made it a special object to raise a good garden, and from childhood up I have worked in the garden more or less. I believe that most of my neighbors use your seeds, or have this season. If you wish to refer to anyone here you can use my name. This ranch is noted all over for its always good garden. ELMER E. CRAWFORD,
Mgr. Bloomington Land and Live Stock Co.,
Shawmut, Mont.

"All the Merits You Claim for It."

"Your *Washington Wakefield* Cabbage has all the merits you claim for it. None suits us for early use except *Washington Wakefield*. It makes heads, and good ones, with such a small amount of rain."
MRS. ELLA BLUME, Lindell, Kan.

"Never Had Better."

"I never had earlier or better cabbage than your *Washington Wakefield*. If I live to plant another year, I shall plant this variety."
MRS. GEO. SPOTTS, Glen Moore, Pa.

"Fine."

"Your *Washington Wakefield* Cabbage was fine. Anyone giving your seeds a trial will surely order of you again."
MRS. J. M. BYERS, Olden, Mo.

"In June."

"Your *Washington Wakefield* Cabbage gave us heads ready for the table in June."
J. C. EICKEK, Armbrust, Pa.

"A Perfect Success."

"Your *Washington Wakefield* Cabbage is the only kind that has proven a perfect success with us."
MRS. D. M. PADDOCK,
Hogan, Mont.

"Cannot be Beaten."

"Your *Washington Wakefield* Cabbage cannot be beaten and your *Model Cauliflower* is the best we have ever had."
MRS. D. M. PADDOCK, Hogan, Mont.

"So Solid, So Early."

"Your *Washington Wakefield* Cabbage is fine. Such fine, large heads, so solid and so so early."
Z. JOHNSTON, Holt, Mont.

"The Earliest."

"Your *Washington Wakefield* Cabbage is the earliest I have ever raised. Your *Harvest Home* and *Holland* Cabbage the best late sorts I have ever seen. Your seeds ripen earlier here than any others."
G. SWANSON, Hayward, Wis.

"Grand."

"Your *Washington Wakefield* Cabbage is simply grand and very profitable."
F. E. ISAAC, Canby, N. D.

"Fine."

"Your *Washington Wakefield* Cabbage was very fine. Market Gardeners' Beet first-class, and the *Mastodon* Carrot the greatest I ever saw in size and quality. *Model Cauliflower* fine. *Klondike Water Melon* splendid and very early."
JOHN CHENEY, Baker, Idaho.

"Very Early and Fine."

"Year before last in Garden Valley, with your *Washington Wakefield* Cabbage, I had cabbage 20 days before anyone else. The sprouts from the stubs left in the ground last fall gave me some very fine heads 14 days ahead of anyone else in the Valley. I had cabbage this year before anyone else from your *Washington Wakefield*, and I also raised the finest cabbage from your *All Seasons* of anyone in the Valley."
A. L. McLAUGHLIN,
Dayton, Wash.

"Never Saw Finer."

"Never saw finer cabbage than your *Washington Wakefield*."
C. H. MURPHY, Genesee, Idaho.

Northrup, King & Co., Minneapolis, Minn.



FIELD OF N., K. & CO.'S HARVEST HOME CABBAGE.

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, the 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., 30c; ¼ lb., 75c; lb., \$2.50.

We import our Holland or Danish Ball Head cabbage direct from the best grower in Denmark.

✓ **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 the Washington Wakefield. Pkt., 5c; oz., 25c; ¼ lb., 60c; lb., \$2.00.

✓ **CHARLESTON WAKEFIELD.** A large and superior strain of the Jersey Wakefield. Pkt., 5c; oz., 30c; ¼ lb., 75c; lb., \$2.75.

✓ **EARLY WINNIGSTADT.** Very early. Will grow a hard head under circumstances where most sorts would fail. Heads regular, conical, very hard, and keep well both summer and winter. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

✓ **ALLHEAD EARLY.** The characteristics of this splendid new Cabbage can be summarized in a few words: Earliness, large size, uniformity, great productiveness, excellent quality, and its usefulness as an all-the-year-round Cabbage. Pkt., 5c; oz., 20c; ¼ lb., 75c; lb., \$2.50.

✓ **EXPRESS.** The earliest of all. Small solid heads, fine quality. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.25.

✓ **SUREHEAD.** (Main Crop.) Large, round, flattened heads, remarkable for its certainty to head; one of the best varieties for main crop. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

✓ **EARLY YORK.** Largely grown for early use. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

Northrup, King & Co.'s

Harvest Home Cabbage. Late.

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. 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., 25c; ¼ lb., 75c; lb., \$2.50.

—
—

Holland Cabbage.

(The Genuine Stock.)

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 about five 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

✓ **SUCCESSION.** About a week later than the Early Summer, but double the size, fit for exhibition; sure header. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

✓ **ALL SEASONS.** A fine second early; attains a large size. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.60.

✓ **LARGE LATE DRUMHEAD.** Main crop; winter. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

✓ **DRUMHEAD SAVOY.** Fine quality. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

✓ **ROCK RED.** Best Red sort. Much used for pickling. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

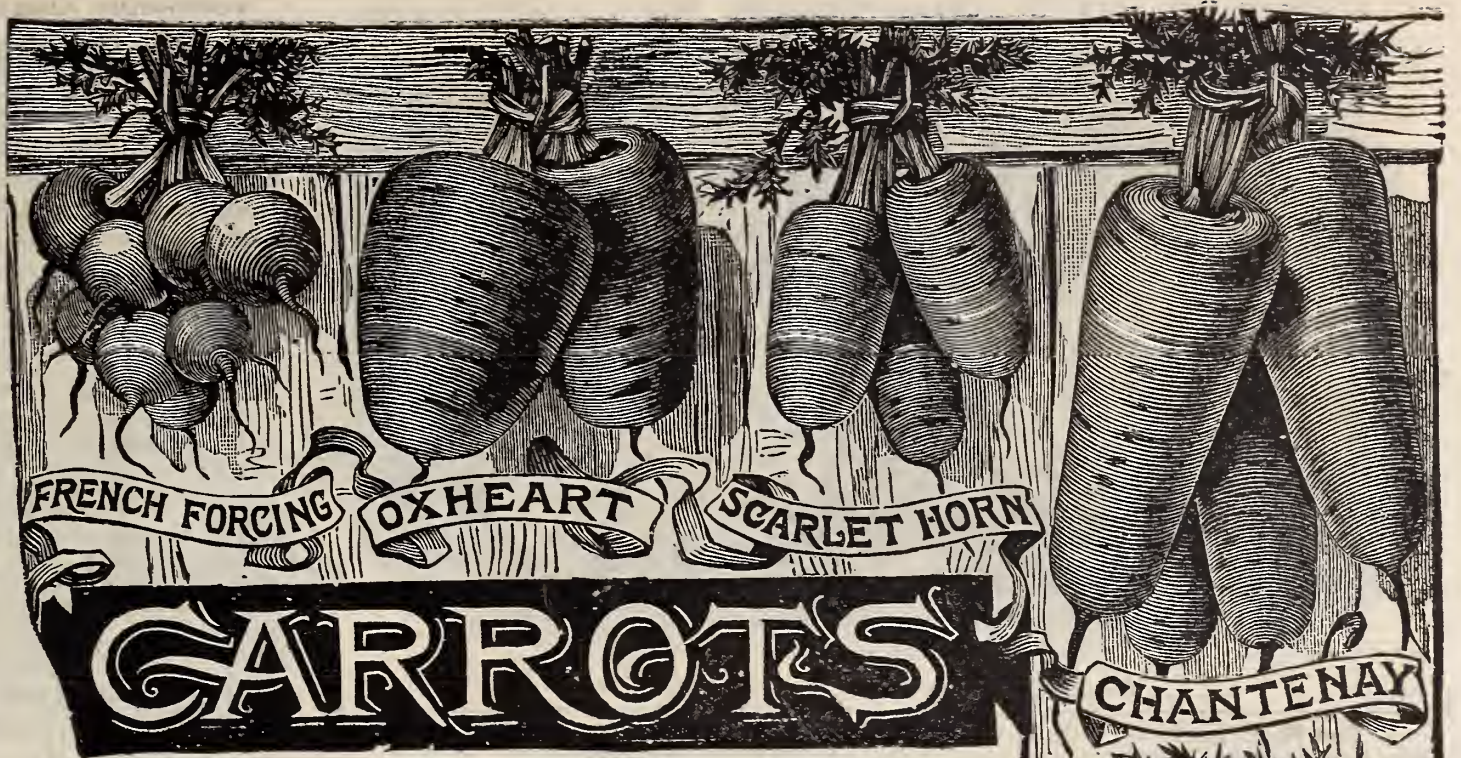
✓ **HENDERSON'S EARLY SUMMER.** Deservedly popular with market gardeners throughout the country. It forms large, solid, round, flattened, compact heads of excellent quality. The heads average over double the size of the Jersey Wakefield, while it matures only ten or twelve days later. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

✓ **NORTHRUP, KING & CO.'S SELECTED LATE FLAT DUTCH.** A low growing variety, heads large, bluish green, round, solid, broad and flat on the 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., 15c; ¼ lb., 50c; lb., \$1.75.

Mr. B. L. Grant, of Hudson, Wis., writes: I am very pleased with your stock of *Holland Cabbage*. The seed for eight acres was from you; that for four acres was from another firm. *Yours was splendid*. The Cabbage on the other four acres was not good and they rotted very badly. I regard the Holland as the coming Cabbage. Shall plant twenty acres of it next year, and *shall want your seed exclusively*.

In the past twelve years I find I have bought from your house over 3,000 lbs. of *Onion seed*, large quantities of *Cabbage* and other seeds, and they *have always proven uniformly good*, both as respects *purity of stock and strong germination*.

C A R R O T



OUR PACKETS of CARROTS contain on the average about 6,000 SEEDS. * One ounce will sow One Hundred Feet of Drill. * 3 to 4 pounds for one acre. * * *

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., 25c; lb., 85c, postpaid.

EARLY SCARLET or SHORT HORN. One of the most popular varieties grown; color deep orange; one of the best for table use. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c, postpaid.

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 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 do well. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 80c, postpaid.

CHANTENAY. 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., 25c; lb., 80c, postpaid.

IMPROVED DANVER'S HALF LONG. 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., 20c; lb., 80c, 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., 3c; oz., 10c; ¼ lb., 20c; lb., 75c, postpaid.

FOR STOCK FEEDING CARROTS SEE PAGE 7.

Our MASTODON (white) and VICTORIA (yellow) lead all other varieties. They are of IDEAL SHAPE, EASILY LIFTED FROM THE GROUND, FINE IN QUALITY and ENORMOUSLY PRODUCTIVE.

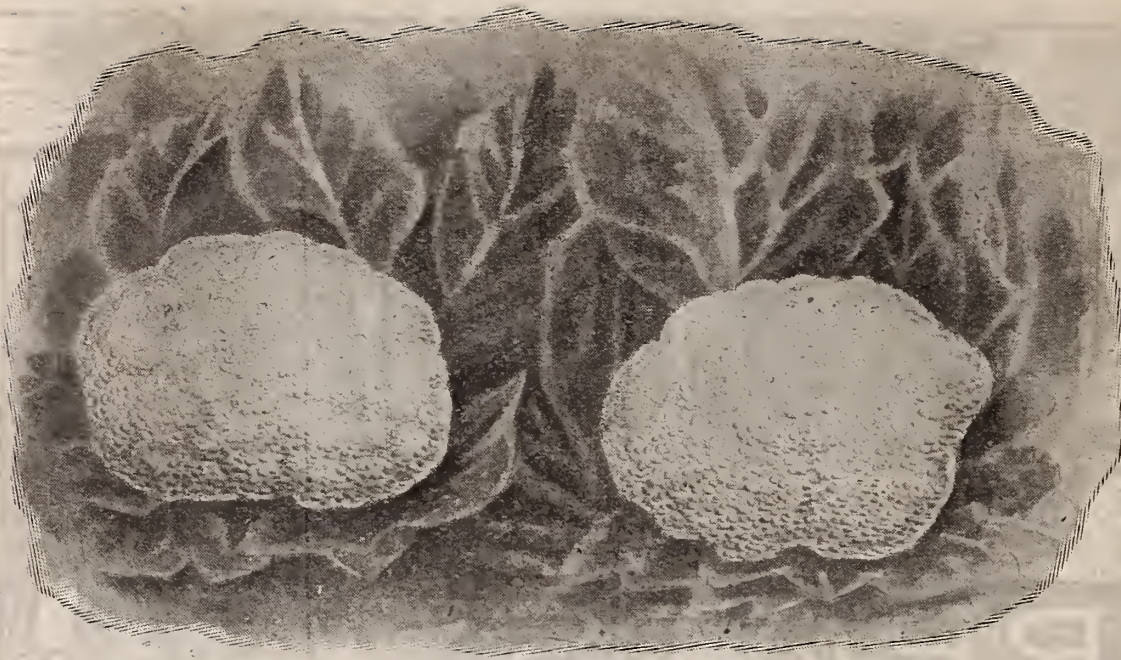
Northrup, King & Co., Minneapolis, Minn.

Model Cauliflower.

Report of Cauliflower test from Michigan Agricultural College: "MODEL CAULIFLOWER the best of 12 varieties grown. Heads were large, compact and glistening white. Ripens before the Early Dwarf Erfurt."

One Oz. of Seed will produce 1000 Plants.

Several years ago we received from Denmark a sample of cauliflower; the letter accompanying it claimed it to be of a superior strain. We planted this in our trial grounds, and, after comparing it with all other early varieties, there remained no room for doubt but that it was fairly entitled to be called the best cauliflower on the grounds; the very earliest sort, while in solidity of head and purity of color we have never seen its equal. It is the best for early planting; best also for late planting.



Northrup, King & Co.'s "Model Cauliflower."

"Your Model Cauliflower is the best in the world, and I had seed from several firms. I had Cabbage and Cauliflower in market before any one else, and that is saying a good deal."
WILLARD GOOD, Sundance, Wyo.

ing, on account of its close growing habit, which allows many more plants to be grown on a given area than of the late spreading sorts. Pkt., 20c; 1/2 oz., \$1.25; oz., \$2.00; 1/4 lb., \$7.00; lb., \$25.00. Try the Model Cauliflower.

HENDERSON'S SNOWBALL. 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; 1/4 oz., 60c; 1/2 oz., \$1.00; oz., \$1.75; 1/4 lb., \$6.00; lb., \$20.00.

EARLY ERFURT. The true "Erfurt" strain, but not quite so early as the Extra Early. Pkt., 10c; oz., \$1.00; lb., \$7.00.

WALCHEREN. Very late and hardy. Pkt., 10c; oz., 35c; 1/4 lb., \$1.00.

EXTRA EARLY DWARF ERFURT. The finest strain procurable. Short stem, very fine stock. Pkt., 15c; 1/2 oz., 75c; oz., \$1.25; 1/4 lb., \$5.00; lb., \$15.00.

AUTUMN GIANT. Large, late. Pkt., 10c; oz., 35c; 1/4 lb., \$1.00.

CELERY, ETC.

Our Packets of Celery Contain on the average about 6,000 Seeds.—One Oz. of Seed will produce about 3,000 Plants.

GOLDEN SELF-BLANCHING—N., K. & Co.'s Private Stock. This is the finest and purest stock of this noted celery to be obtained. The seed was saved at great expense from plants grown under such conditions of soil and climate as to make the product especially fine. Large pkt., 10c; oz., 50c; 1/4 lb., \$2.00. lb., \$6.00.

	Large pkt.	Oz.	1/4 lb.	Lb.
GOLDEN SELF-BLANCHING. Regular stock. Solid, resembling White Plume, except it is a rich golden yellow. Without banking or any covering it assumes a beautiful golden color.....	5	20	75	\$2.75
KALAMAZOO. Named and introduced by us in 1888, and we have never seen a better celery since that time, when we sent it out as the best celery grown. Not a self-blanching variety, but well repays the slight extra labor in treating it. Perfectly solid, beautiful cream color, crisp and nutty in flavor.....	10	30	75	2.75
HENDERSON'S WHITE PLUME. Handsome, self-blanching sort, of very easy cultivation, crisp. The earliest known.....	5	15	50	1.50
PERFECTION HARTWELL. Finest and largest of winter varieties...	5	15	40	1.25
DWARF GOLDEN HEART. Well known popular variety, excellent keeper.....	5	15	40	1.25
GIANT PASCAL. A large growing sort, of superior flavor. Excellent for late use. Easily blanched...	5	15	40	1.25
PINK PLUME. One of the best of the red celeries. Of fine table quality and excellent keeper...	5	15	60	\$2.00
TUBEROUS ROOTED. Roots edible.....	5	10	35	1.00
CELERAIC. (Turnip Rooted Celery.) Large Erfurt. Roots large, smooth, excellent flavor....	5	10	35	1.25
CHERVIL. Curled. For flavoring and garnishing.....	5	10	20	60
CHICORY. Large Rooted. The roots are much used for coffee.....		5	15	40
COLLARDS. True Georgia.....		5	15	40
CORN SALAD or Feticus. Large Round Leaved.....	5	10	20	40
CRESS. Curled or Pepper.....	5	10	15	40
TRUE WATER CRESS.	5	30	80	3.00

GOLDEN *o o*
SELF *o o o*
BLANCHING—
N., K. & CO.'S
o o **PRIVATE** *o o*
o o **STOCK** *o o*



Northrup, King & Co.'s "PEEP OF DAY."

Ten Days Earlier than any other Sweet Corn.



No wonder this man **Looks Happy.** He is sure of the first Sweet Corn of the season.

This remarkable variety, which we introduced in 1900 as 10 days earlier than any other Sweet Corn—has more than sustained the claims we made, and has brought us hundreds of letters testifying to its Earliness and Sweetness. If you plant this corn you will have the first sweet corn of the season.

"PEEP OF DAY" corn, in addition to its sensational earliness, is entirely distinct in appearance and habit of growth. The stalk grows from three to four feet in height. The ears average about 5 inches in length and are of perfect form, well filled out to the tip. When cooked, the corn is exceedingly sweet and tender.

An important fact to bear in mind is, that our claim for earliness is not based solely on "trial ground" observation, but on the actual, practical marketing of the crop in a large market for several seasons past.

PRICES. Owing to our having lost, this year, through floods, two of our largest fields of "PEEP OF DAY" corn, we cannot offer it, this year, in larger quantities than one peck to any single purchaser. By mail, postpaid, large pkt., 15c; pint, 50c; qt., 80c; 2 qts., \$1.35. By express or freight, pint, 40c; qt., 50c; 2 qts., 80c; peck, \$2.50.

Market and private gardeners planting this variety will be sure of having the **first sweet corn on the market.** They can also realize large returns on their investment by selling to their neighbors any surplus seed they may be able to save and are disposed to part with. Get your seed from the **introducers** and you will have the **Genuine Stock.**

Everyone Welcomes the **FIRST SWEET CORN OF THE SEASON,** and there is a natural strife among gardeners to realize the excellent price that the earliest corn of good quality invariably brings.

Market Gardeners and Private Planters will do well to consider that our **Northern Grown Seed** will give them **earlier corn** than will seed of the same varieties grown farther south. **Our Seed Corn is thoroughly tested** before it leaves our hands.

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 of Day" for earliest; Portland for medium, and N., K. & Co.'s Zig Zag for late, and secure the very best sweet corn in each class.

SWEET CORN.

One quart will plant 200 Hills; 8 to 10 quarts for an acre in Hills. **OUR PACKETS** contain on the average about 150 Seeds. Please bear in mind that our quart prices **INCLUDE POSTAGE.** Pints supplied at quart, Pecks at bushel prices. **DEDUCT 5 cts.** a pint, 10 cts. a quart, if sent by express or freight.

EXTRA EARLY.

	Large pkt.	Qt.	Bu
MAMMOTH WHITE CORY. The earliest strain of Cory corn. Has the largest kernel and ear.....	5c	30c	\$3.00
EXTRA EARLY WHITE CORY. Earliest variety (except "Peep of Day"); excellent quality.....	5	25	3.00
EXTRA EARLY CORY. Resembles the White Cory, but with red cobs.....	5	25	3.00
KENDEL'S EARLY GIANT. Ears attain a tremendous size, 8 to 10 inches long, 12 to 18 rows. Very early. Pure white, sweet and tender.....	5	30	3.00
EARLY MINNESOTA. A standard early sort, excellent quality.....	5	25	3.00
BURPEE'S FIRST OF ALL. Ears good size, sweet and tender.....	5	25	3.00
N., K. & CO.'S XXXX. A variety greatly in favor with our local market gardeners, who prefer it to any other sort. Earlier than Early Minnesota. Ears twelve rowed and large.....	5	25	3.00

SECOND EARLY.

PORTLAND SWEET CORN. This variety is not quite as early as the Cory, but nearly so, and it will pay you to wait a few days for it. In sweetness and delicacy of flavor it excels any early Sweet Corn grown. Private families pronounce it the best. Market gardeners <i>capture the trade with it</i>	5	30	3.00
CROSBY. Most excellent quality.....	5	25	3.00
NONE SUCH. Large ears of excellent quality.....	5	25	3.00
PERRY'S HYBRID. Largest eared of any of the early varieties.....	5	25	3.00
MOORE'S CONCORD. Productive; ears large; quality excellent.....	5	25	2.75
HICKOX' IMPROVED. Ears very handsome; very white and rich in flavor.....	5	25	2.75

LATE.

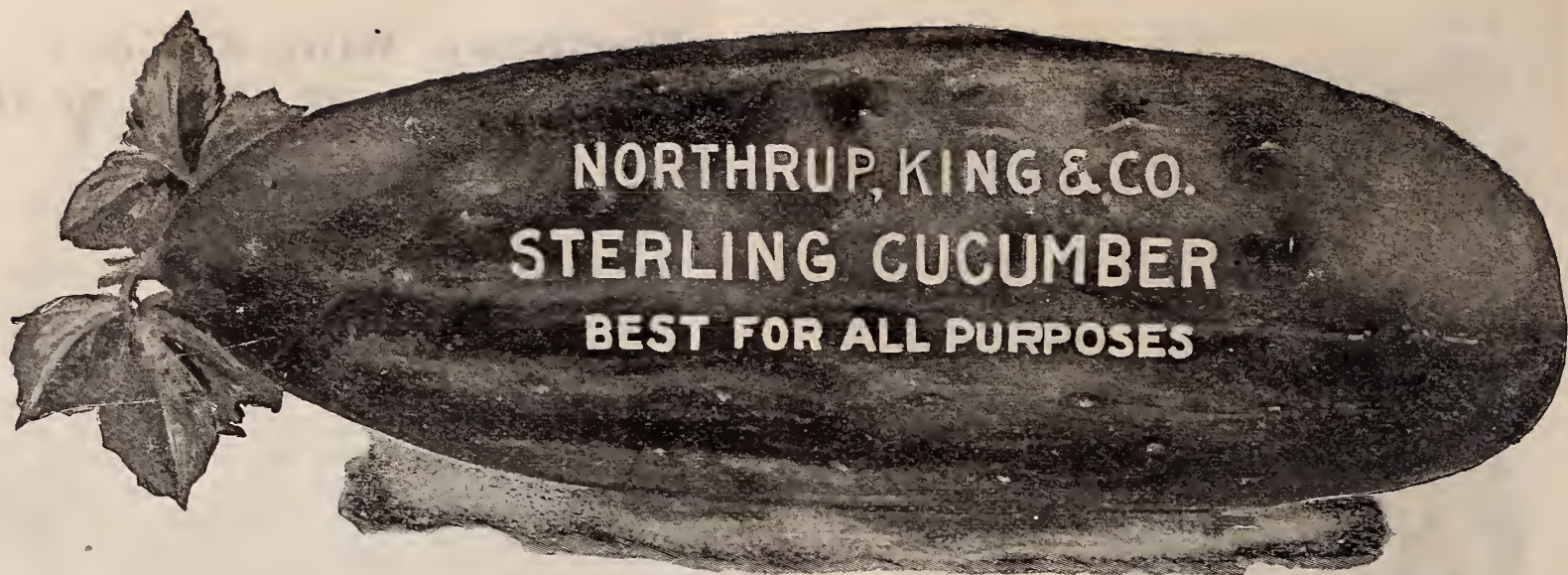
N., K. & CO.'S ZIG ZAG EVERGREEN. Furnishes corn of the finest quality up to the time of frost.....	10	30	3.00
STOWELL'S EVERGREEN. One of the most popular varieties.....	5	25	2.90
OLD COLONY. A favorite in the East. Very sweet.....	5	25	2.85
BLACK MEXICAN. Grains black. Very sweet.....	5	30	3.00
EGYPTIAN. Very sweet and tender.....	5	25	3.00
LATE M' MOTH. Large ears, rich and sweet.....	5	25	3.00
COUNTRY GENTLEMAN. Ears large, rows irregular, delicious.....	5	30	3.00
SWEET FODDER CORN. (See Field Seeds, page 21).....			

For Field Corn see pages 14, 15, 16, 17, 18, 19, 20 and 21.



N. K. & Co's Zig Zag Evergreen.

Northrup, King & Co., Minneapolis, Minn.



N., K. & Co.s "Sterling" Cucumber will be found to possess the following points of superiority:

1st. 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.

2d. 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.

3d. 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.

4th. 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.

5th. As a shipping Cucumber, the "STERLING" cannot be surpassed, as it holds up in color and quality better than any other variety. Large pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00, postpaid.

CUCUMBERS.

Our packets of Cucumbers contain, on the average, about 300 Seeds.

✓ **NORTHROP, KING & CO.'S SIBERIAN.** The earliest. Large pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

✓ **NORTHROP, KING & CO.'S PICKLING.** It would be difficult to "make to order" a better pickling cucumber than this. It is very productive. Flesh crisp and tender, and covered with spines. Color deep green. Large pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

✓ **EARLY GREEN CLUSTER.** Fruit small, grows in clusters, prolific. Lge. pkt., 3c; oz., 8c; ¼ lb., 15c; lb., 50c.

✓ **WHITE SPINED EARLY ARLINGTON.** Earliest of the white spined varieties. Large pkt., 3c; oz., 8c; ¼ lb., 15c; lb., 50c.

✓ **WHITE SPINED.** Improved. Not quite as early as the Arlington, but larger. Excellent for table use. Large pkt., 3c; oz., 8c; ¼ lb., 15c; lb., 50c.

✓ **WHITE SPINED PEERLESS.** Larger than the improved, but not quite as early. Large pkt., 3c; oz., 8c; ¼ lb., 15c; lb., 50c.

✓ **WHITE SPINED EVERGREEN.** Deep blue-green, one of the best for shipping. Large pkt., 3c; oz., 8c; ¼ lb., 15c; lb., 50c.

✓ **WHITE SPINED PICKLING.** A splendid pickling variety, fruit small, covered with spines. Large pkt., 3c; oz., 8c; ¼ lb., 15c; lb., 50c.

✓ **LONG GREEN.** A popular variety for pickling and slicing. Large pkt., 3c; oz., 8c; ¼ lb., 15c; lb., 50c.

✓ **NICHOLS' MEDIUM GREEN.** A fine table sort. Large pkt., 3c; oz., 8c; ¼ lb., 15c; lb., 50c.

✓ **CROSSE & BLACKWELL PICKLING.** Makes splendid pickles. Large pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

✓ **GIANT PERA.** Very large, smooth skin, few seeds, splendid for slicing. Large pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

✓ **JAPANESE CLIMBING.** Excellent for frames or open ground; can be trained on a trellis. Large pkt., 5c; oz., 15c; ¼ lb., 20c; lb., 70c.

✓ **EARLY FRAME or SHORT GREEN.** Fruit straight, bright green. Large pkt., 3c; oz., 8c; ¼ lb., 15c; lb., 50c.

✓ **CHICAGO or WESTERFIELD PICKLING.** Largely grown in the vicinity of Chicago, and its popularity has extended to other markets. A fine pickling variety. Large pkt., 3c; oz., 8c; ¼ lb., 15c; lb., 50c.

✓ **JERSEY PICKLING.** Fruit long and slender. Large pkt., 3c; oz., 8c; ¼ lb., 15c; lb., 50c.

✓ **GHERKIN.** A small oval, prickly variety, distinct from all others. Large pkt., 5c; oz., 15c; ¼ lb., 25c; lb., 80c.

EGG PLANT.

✓ **IMPROVED NEW YORK PURPLE.** Large, smooth, oval. Ours is the spineless, which is much preferred. Fine deep purple; flesh white and tender. Large pkt., 5c; oz., 30c; ¼ lb., \$1.00; lb., \$3.50.

✓ **IMPROVED NEW YORK WHITE.** Same shape and quality as the above, but white. In appearance, very striking and handsome. Large pkt., 5c; oz., 45c; ¼ lb., \$1.25.

✓ **BLACK PEKIN.** Round dark purple fruit. Large pkt., 5c; oz., 30c; ¼ lb., \$1.00; lb., \$3.00.

ENDIVE.

✓ **GREEN CURLED.** The standard sort for fall and winter crop. Large pkt., 5c; oz., 20c; ¼ lb., 40c; lb., \$1.35

GOURD.

✓ **NEST EGG.** Closely resembles an egg in size, color and shape. Make the very best of nest eggs. Large pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

✓ **DIPPER.** The dried fruit make excellent and durable dippers. Large pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

✓ **MIXED GOURDS.** All kinds. Large pkt., 5c; oz., 20c; ¼ lb., 40c; lb., \$1.00.

KOHL RABI.

✓ **EARLY WHITE VIENNA.** White ball. Large pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

✓ **EARLY PURPLE VIENNA.** Purple ball. Large pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

LEEK.

✓ **LONDON FLAG.** The variety in most general use. Large pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50.

✓ **LARGE MUSSELBURG.** Leaves large and broad. Mild flavor. Large pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50.

MUSHROOMS.

Can be easily grown in an ordinary cellar or barn, and it is one of the most profitable crops to grow. We can always furnish fresh mushroom spawn.

✓ **ENGLISH MUSHROOM SPAWN.** It comes in pressed bricks weighing about 20 ounces. These are broken up into pieces the size of a walnut and put into the bed eight inches apart each way. Price, per brick, 25c, postpaid. By express or freight, 10 lbs., \$1.20; 25 lbs., \$2.50.



N., K. & CO.'S "Sterling" Lettuce.

(SOLD ONLY IN SEALED PACKAGES.)

This grand new Lettuce will delight all who grow it. It is equally suited for the market gardener or 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. Our Sterling Lettuce is to other lettuces what our Washington Wakefield Cabbage is to other cabbages; our Sterling Beet to other beets; our Yellow Meated Japan Musk Melon to other melons; our Minnesota Red Globe (Globe Wethersfield)

Onion to other onions. We never give our name to a variety that is not the very best of its class, and purchasers may rely on finding the STERLING Lettuce the best they ever put on their table. Pkt., 10c; oz., 20c; ¼ lb., 60c; 1 lb., \$2.00.

NOTE.—N., K. & Co.'s Sterling Lettuce is for out-door planting and cold frame forcing. It is NOT adapted for green-house forcing.

LETTUCE.—STANDARD LIST.

OUR Packets of Lettuce contain on the average about 2,500 SEEDS.

We pay particular attention to LETTUCE, and supply some of the most critical market garden trade of the United States.

Lettuce, especially the forcing sorts, require particular care, and on this account, perhaps, it has become something of a trade custom to charge fancy prices for it. We are satisfied with the same reasonable profit on our lettuce seed as on other seeds, and our prices will be found very much in favor of the purchaser. SO WILL OUR STOCKS. (W. S. stands for white seeded sorts; B. S. for black seeded.)

CABBAGE SORTS.—BUTTER HEADS.

	Large pkt.	Oz.	¼ lb.	Lb.
BIG BOSTON. (W. S.) Fine for forcing; also for open ground culture.....	3c	8c	25c	80c
BLACK SEEDED TENNIS BALL. (B. S.) 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.....	5	10	25	80
BOSTON MARKET. (W. S.) Forms very large, solid heads; excellent for forcing.....	3	8	25	80
BUTTERCUP. (W. S.) Early, solid, small heads; good for either forcing or out-door culture.....	3	8	25	80
CALIFORNIA CREAM BUTTER. (B. S.) Forms round, solid heads; medium early. One of the best summer varieties of head lettuce.....	5	10	30	90
DEACON. (W. S.) One of the best large butter head sorts for family garden or for market; stands hot weather better than any other butter varieties, and holds its flavor even under intense heat.....	3c	8c	25c	80c
SALAMANDER. (B. S.) Forms fine, compact heads. Withstands intense heat.....	3	8	25	80
WHITE SEEDED TENNIS BALL. (W. S.) Excellent for forcing or early out-door planting...	5	8	25	80
WHITE SUMMER CABBAGE. (W. S.) Forms close heads of desirable size.....	3	8	25	80



	Large pkt.	Oz.	¼ lb.	Lb.
BLOND BLOCKHEAD. (W. S.) Heads large; of a rich golden yellow color; hard and compact.....	5	10	30	80
DENVER MARKET. (W. S.) Heads are large, solid and of fine quality.....	3	8	25	80
HANSON HEAD. (W. S.) Forms large flat heads; is a standard summer lettuce.....	5	10	30	80
ICEBERG. (W. S.) An exceedingly handsome lettuce; quick growing; always crisp and tender.....	3	8	25	80
N., K. & CO.'S GOLDEN BALL. (W. S.) An entirely distinct sort, of a golden yellow color; very crisp and tender; remains fit for use longer than any other sort.....	5	10	30	\$1.00
NEW YORK. (W. S.) Heads are large, solid; very dark green in color.....	3	8	25	75
WONDERFUL. (W. S.) Forms very large heads; stands a long time fit for use.....	5	10	25	80

CURLED OR CRISP HEADING VARIETIES.

BLOND BLOCKHEAD. (W. S.) Heads large; of a rich golden yellow color; hard and compact.....	5	10	30	80
DENVER MARKET. (W. S.) Heads are large, solid and of fine quality.....	3	8	25	80
HANSON HEAD. (W. S.) Forms large flat heads; is a standard summer lettuce.....	5	10	30	80
ICEBERG. (W. S.) An exceedingly handsome lettuce; quick growing; always crisp and tender.....	3	8	25	80
N., K. & CO.'S GOLDEN BALL. (W. S.) An entirely distinct sort, of a golden yellow color; very crisp and tender; remains fit for use longer than any other sort.....	5	10	30	\$1.00
NEW YORK. (W. S.) Heads are large, solid; very dark green in color.....	3	8	25	75
WONDERFUL. (W. S.) Forms very large heads; stands a long time fit for use.....	5	10	25	80

CURLED OR CRISP VARIETIES.—LOOSE BUNCHING OR NON-HEADING.

BLACK SEEDED SIMPSON. (B. S.) One of the best, either for forcing under the glass or for open ground culture, leaves are large, thin and exceedingly tender.....	5	10	25	80
EARLY CURLED SIMPSON. (W. S.) A popular early sort; forms large loose heads.....	3	8	20	70
GRAND RAPIDS. (B. S.) The most popular variety for green-house planting; quick growth.....	5	10	25	80
GREEN FRINGED. (W. S.) Very ornamental in growth; leaves beautifully fringed.....	5	10	25	75
PRIZEHEAD. (W. S.) Large loose headed sort; leaves are tinged with brown; very heavy.....	3	8	25	75
THE MORSE. Each plant makes a large bunch of leaves; a most excellent variety, both for early spring and summer use.....	5	10	25	80
WHITE STAR. (W. S.) Excellent for forcing or out-door planting; heads large and loose.....	3	8	20	70

COS VARIETIES.

The Cos Lettuces have long, narrow, spoon shaped leaves, which usually fold into loose sugar loaf shaped heads. They will blanch better if the outer leaves are drawn about the heads and tied.

EARLY WHITE SELF-FOLDING COS. (W. S.) A distinct variety which does not need tying..	5	10	30	1.25
GIANT WHITE COS. Of very large growth....	5	10	30	1.25



Northrup, King & Co., Minneapolis, Minn.

Northrup's Yellow Meated Japan Musk Melon.

Early,
Sweet,
Melting,
Delicious.



"A gentleman called at my place one day and wanted a chunk of watermelon. I told him I had no watermelon, but had some *fine Musk Melon*. He said he never ate musk melon, but I insisted on his trying it. He said he had tasted several sorts but had never eaten any like the *Yellow Meated Japan*.
AUGUST McDONELL,
Wausaukee, Wis."

This is the best Yellow Meated Canteloupe. Before we say anything more about it, let us tell you of the plan we follow in introducing a new sort:

1. We test it carefully by the side of other varieties of the same class; if it proves satisfactory, **WE THINK** it is a good thing.
2. We place seed in the hands of experienced gardeners, who expose the product for sale in the open market side by side with the most popular and best selling sorts. If it supersedes these, then **WE KNOW** it is a good thing.
3. We then offer it to our customers.

Now, is it not better to put a new variety to a practical test of that kind than to merely "think" it is a good thing, and let our customers find out whether it is or not? Perhaps that is why so many new varieties which go out every year with a flourish of trumpets are never heard from again. Perhaps, also, the plan on which we work has something to do with the fact that the varieties we send out become standard and increase in popularity each succeeding season.

Northrup's Yellow Meated Musk Melon has become vastly popular and commands the highest price on the market of any of the Yellow Meated sorts. First—Because of its sweetness, remarkable thickness of flesh and pleasant aroma. Second—Because of its earliness and large size. It is unequalled for gardeners, and in the market it simply captures the trade. Large pkt., 10c; oz., 20c; ¼ lb., 60c; 1 lb., \$2.00, postpaid.

MUSK MELON.

Our packets of Musk Melon contain on the average about 250 seeds.

	Large pkt.	Oz.	¼ lb.	Lb.
EARLY NETTED GEM. Very early, small, coarsely netted, green flesh, fine flavor.....	3c	7c	20c	60c
EXTRA EARLY HACKENSACK. Very popular in some markets. Heavily ribbed, coarsely netted..	3	7	20	60
BALTIMORE, or ACME. Fruit medium size, oval, netted; flesh thick, green, sweet.....	3	7	20	60
COSMOPOLITAN. Fruit oval, light green, netted, flesh green, sweet and highly flavored.....	3	7	20	60
MONTREAL. Fruit very large, spherical; flesh light green, juicy and sweet.....	3	7	20	60
OSAGE, OR IMPROVED MILLER'S CREAM. Medium sized, dark green in color; flesh deep salmon color, very thick and of splendid flavor....	3	7	20	60
N., K. & CO.'S CREAM CANTELOUPE. Large size, medium early and the best shipper of all the yellow flesh varieties. Splendid, full flavored sort...	5	8	25	75
GOLDEN EAGLE. (New.) Fruit oval; flesh very thick.....	5	10	25	75
TIP TOP. Yellow flesh; uniformly good.....	3	8	25	70
LONG ISLAND BEAUTY. Very early; fine quality	5	10	25	75
MELROSE. A very hardy, early, vigorous variety..	3	8	20	65
EXTRA EARLY CITRON, or NUTMEG. Good size.	3	8	15	50
EMERALD GEM. Extra early; very sweet.....	3	8	25	70
OSAGE. Oval, medium size; excellent quality.....	3	8	20	65
JENNY LIND. Very small and very early; fine flavor	3	7	20	65
HACKENSACK. Large, round skin; good quality.	3	7	20	65
BANQUET. Round; densely netted; very sweet....	3	8	20	65
BANANA. Resembles banana in shape and flavor.	3	7	15	50

THE CELEBRATED
ROCKY FORD

MUSK MELON
TRUE STOCK

THE ROCKY FORD MUSK MELON. The Melon known on the "bills of fare" of the leading hotels and restaurants of America as the "Rocky Ford Canteloupe," takes its name from the little town of Rocky Ford, Colorado, which has become as famous for its melons as is Baltimore for its oysters. It is very early and wonderfully productive. We obtained our Seed at high cost direct from Rocky Ford. Those who purchase their seed from us can fully rely on securing the genuine stock. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

PAUL ROSE MUSK MELON. This widely advertised Melon is a successful cross of the Osage with the Netted Gem, and combines the sweetness of the former with the finely netted appearance of the Gem. The flesh is of an orange red color like that of the Osage, but of higher tint; it is even richer than the Osage in flavor. It is a splendid shipper, and is of just the right size for hotel or table use. Pkt., 5c; oz., 15c; ¼ lb., 25c; lb., 75c.



Paul Rose Musk Melon.

N.K. & CO'S KLONDIKE THE EARLIEST WATER MELON



"From Far Across the Sea."

I must say I am greatly pleased with the KLONDIKE Melon. It is bearing great numbers of good, large melons, and has proved *earliest of 37 varieties* I have growing this year, among them such early varieties as Fordhook Early, Phinney's Early, Cole's Early, etc.
H. J. WRIGHT ST. CLAIR,
Nzarnawahia. Waikato. New Zealand.

AN EXPERT OPINION.—"WE likes de KLONDIKE, kase we don't have to wait so long fer 'em, see!"

WATERMELON.

OUR PACKETS OF WATERMELONS CONTAIN ON AN AVERAGE ABOUT 100 SEEDS.

NORTHRUP, KING & CO'S KLONDIKE. The earliest. The great objection to the extremely early water melons has been their inferior quality. This has been entirely overcome in the KLONDIKE, which is offered with the full assurance of not only being remarkably early, but as sweet, delicate and melting in flavor as any variety grown. The flesh is of deep scarlet. Rind thin, and on this account is not a particularly good shipping sort. It will ripen in altitudes where it has not been thought possible to mature a good watermelon. It is to all other varieties of watermelons what the Early Minnesota is to tomatoes. The earliest, and of quality second to none. Pkt., 10c; oz., 20c; ¼ lb., 40c; 1 lb., \$1.00.

MELON PEACH



DUKE JONES. This is the latest introduction of Mr. Girardeau, the "Melon King" of Florida. Dark green rind, bright red flesh, early, prolific, very large. The agent of the road over which Mr. Girardeau shipped his melons states that "several carloads averaged over 40 lbs. to the melon." Large pkt., 3c; oz., 15c; ¼ lb., 25c; lb., 75c.

FORDHOOK EARLY. An extra early watermelon of large size. Attain an average weight of thirty pounds. The rind is tough, making it desirable for shipping purposes. Flesh is light red and very sweet. Large pkt., 5c; oz., 8c; ¼ lb., 15c; lb., 50c.

COLE'S EARLY. One of the best for home use. *Extremely early* and *very sweet*. Not a good shipper on account of thin rind. Large pkt., 5c; oz., 8c; ¼ lb., 15c; lb., 50c.

PHINNEY'S EARLY. Very early, quality good, and while not quite as sweet as some of the other extra early sorts, is *very hardy*, and on that account desirable for culture in sections where the nights are cool. Large pkt., 5c; oz., 8c; ¼ lb., 15c; lb., 50c.

SWEETHEART. Remains in condition for use longer than any other sort. Fruit early, large, oval and very solid. Flesh tender and sweet. A popular sort. Large pkt., 5c; oz., 8c; ¼ lb., 15c; lb., 50c.

DARK ICING. Rind thin, but very strong, rendering it one of the best for early shipping. Fruit large, very dark skinned and of extremely *attractive appearance*. Quality fine. Large pkt., 5c; oz., 8c; ¼ lb., 15c; lb., 50c.

ICE CREAM or PEERLESS. One of the best melons in cultivation. Rind thin, light mottled green. Flesh bright scarlet. *Solid to the center. Sweet as honey.* Large pkt., 5c; oz., 8c; ¼ lb., 15c; lb., 50c.

BLACK DIAMOND. The vicinity about Muscatine, Iowa, has become noted for the *tremendous proportions* of its *shipping trade in watermelons*, and not only for this, but for their peculiarly fine quality. The Black Diamond has been selected by a great many of the growers as being the most desirable sort, not only because it will carry long distances and keep a long time, but for its very superior quality. Fruit large and handsome. Large pkt., 5c; oz., 10c; ¼ lb., 18c; lb., 65c.

KOLB'S GEM. A standard general purpose variety—an "all around" useful and reliable sort of undeviating quality. Large pkt., 5c; oz., 8c; ¼ lb., 15c; lb., 50c.

CITRON for PRESERVES. Make very clear, transparent preserves of peculiarly fine flavor. Large pkt., 5c; oz., 8c; ¼ lb., 15c; lb., 50c.

MELON PEACH. The fruit is about the size of a large peach, oval shaped, and of a bright orange color, somewhat russeted. For sweet pickles, pies or preserving they are superb; a few pieces of sliced lemon, or a little lemon essence, adds to their flavor, and is usually desirable. They are easily cultivated, wonderfully productive, and can be used in every way in which you would use a peach, except that they are not usually liked raw; although some consider them excellent simply sliced with a little sugar on. Pkt., 5c; oz., 30c.

KENTUCKY WONDER. We introduced this melon in 1886. At that time we thought it the best melon; in 1900 we think the same. One just cause for criticism on many of the new melons that have of late been sent out, 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. Kentucky Wonder has won first prize over such well known and popular sorts as Ironclad, Cuban Queen, Kolb's Gem. Large pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.



N. K. & CO'S KENTUCKY WONDER.

Northrup, King & Co., Minneapolis, Minn.



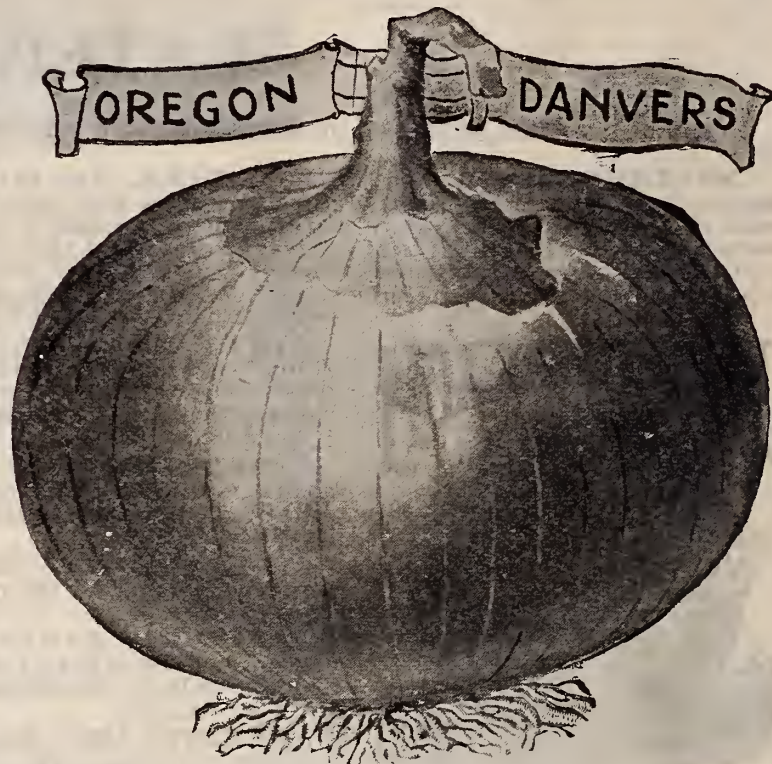
✓ **KLECKLEY'S SWEETS.** We regard this as the finest of all medium early watermelons for home use. The rind is too thin and tender to stand long distance shipment. The fruits are uniform in size, oblong in form, the skin is a rich dark green, the flesh of bright scarlet, ripening close to the skin; the seeds lie close to the rind, leaving a very large, solid, red core, which does not crack open when ripe. The flesh is rich, sugary and melting to the highest degree, being entirely free from any stringiness. As before said, we regard it as the finest of all melons for home use. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c, postpaid.

"Your 'Kleckley Sweets' watermelon is like a cyclone; you have got to be in it in order to appreciate it. Paul Rose musk melon is an enormous cropper, and quality superb. As usual I have found all your seeds true to name and of high quality, but the above two mentioned sorts are of special merit."
H. C. CONSTANCE,
New Richmond, Wis.

✓ **OREGON DANVERS ONION.** For a number of years the State of Oregon has produced a yellow onion, differing in some important particulars from any other onion on the market. In shape it is round and full, not quite as thick as the Yellow Globe, 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**. Sets grown from the seed are the brightest, heaviest and soundest we have ever seen anywhere. The onion growers of the Puget Sound country will use no other variety, even at one-quarter the price, when this is obtainable. And so great has been the local demand for it, that of late growers have been entirely unable to supply the home requirements.

Last year we arranged for an acreage from one of the most experienced growers of Oregon, and take pleasure in now offering it to the general trade as being a variety well worth establishing everywhere as a leading market sort. We especially recommend it to large growers of **ONION SETS**. Large pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.50.

✓ **NEW LONG KEEPING AUSTRALIAN BROWN ONION.** Onions are grown very extensively in Australia, but all efforts to introduce favorite American onion which they claimed to be far better than any of to this one sort, known usually there as "Market Model"



varieties there have failed, as they already had an ours. Practically every grower there confines himself and "Brown Globe," but which has been introduced into this country as "AUSTRALIAN BROWN."

✓ The **AUSTRALIAN BROWN** Onion is of medium size, wonderfully hard and solid and most attractive for market, both as to form and appearance. The illustration, taken from a photograph, fails adequately to show the handsome appearance of these beautiful onions. They are extremely early in ripening, and never make any 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 three inches high. Planted with the Red Wethersfield it proved to be nearly four weeks earlier, and ripened 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. So widely contrasted from any other onion is this color that it will be noticed on the market, and when once bought, purchasers will be most likely to return and call for those "beautiful brown onions."

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., 10c; ¼ lb., 25c; lb., 90c.



NORTHROP, KING & CO.'S

✓ GRAND NEW GLOBE ONIONS.

"FROM 4 pounds of your Minnesota Red Globe (Globe Wethersfield) Onion seed I raised 726 bu. of splendid onions. Not a scullion among them. They ripened early and were large in size. I have been an onion-grower for 13 years, have bought seed from many houses, but I never had any onions equal to the Minnesota Red Globe."
A. T. MOOT,
Minneapolis.

"FROM 1½ pounds of your Minnesota Red Globe Onion seed I raised 300 bu. of the handsomest onions I ever saw. There were not to exceed one-half bushel of poor onions among them.

I showed them at the Anoka Street Fair and took first prize."

C. E. LAPLANT,
Dayton,
Minn.



✓ N., K. & CO.'S Minnesota White Globe.

This is much earlier than the Southport White Globe and keeps much better. White Onions are always the mildest in flavor, and on this account and their color, are generally preferred for family use. White Onions, as a rule, are not good keepers, but our Minnesota White Globe is an exception to the rule. We know of no other stock of White Globe onion which compares with this in purity of color, regularity and beauty of shape and long keeping proclivity. Large pkt., 10c; oz., 25c; ¼ lb., \$1.00; lb., \$3.00, postpaid.

✓ N., K. & CO.'S Minnesota Red Globe.

Heretofore called Globe Wethersfield.

This we consider to be the finest and most select type of Red Globe Onion in existence. We have called it N., K. & Co.'s Minnesota Red Globe in order to distinguish it from all other stocks of Red Globe Onion, from which it differs not only in purity of stock and perfection of shape, but in earliness, productiveness and beauty of color. The outer skin possesses that lustre and richness of color so desirable and yet so often lacking in Red Globe stock. Large pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$2.25.

Globe-shaped Onions are the onions of the future. They are the most attractive in appearance and most economical in use. They command the highest price in market. They are more profitable than flat varieties to grow, as they occupy no more room in a row, but weigh more and measure better.

Recognizing, 6 years ago the tendency of the trade, we took up Globe shaped onions as a special study. We found two types of Yellow Globe, viz: Yellow Globe Danvers and Southport Yellow Globe. We found four Red Globe onions, viz: Extra Early Red Globe, which, not being a good keeper, is fit only for early bunching; Early Red Globe, which is quite early, but undersized; Large Red Globe, which is of fair shape but not early. Southport Red Globe, late and of undesirable shape. In White Globe Onions we found but one, the Southport, late and undesirable in shape. In short, we found no Red or White Globe Onion compared with the favorite Yellow Globe Danvers in shape, in size and in comparative earliness. In our Minnesota Red Globe (Globe Wethersfield) and Minnesota White Globe Onions we have strains which are as early and as perfectly Globe shaped as the best strains of Yellow Globe Danvers. They are far superior to the Southport Red and White Globe, as they ripen off much earlier, are much better keepers, and do not have the wasteful feature characteristic of the Southport—the long, useless and detrimental neck and bottom.

Every Pound of Our Minnesota Red Globe and Minnesota White Globe is of Our Own Growth in the State of Minnesota.

Northrup, King & Co., Minneapolis, Minn.

ONION SEED.



HE "MADE A MISTAKE,"

"I made a mistake in planting the Red Wethersfield Onion I got from you. I put the seed in thick, allowing for bad seed, but they ALL CAME UP, and gave me the trouble of thinning them out. It is a marvelous Onion."

ANGUS MCDOWELL, Wausaukee, Wis.

Our Packets of Onions contain on the average about 1,500 seeds. One ounce will sow 100 feet of drill; 4 to 5 lbs. to the acre are required for large Onions. 50 to 60 lbs. to the acre for sets or pickles.

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. Very desirable for early marketing. Best where seasons are very short. Good keeper. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.25, postpaid.

EXTRA EARLY RED GLOBE. Much used for early bunch onions. Not a good keeper. Large pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.20.

EARLY RED GLOBE. (Gregory's Strain.) Ten days earlier than the Southport Red Globe. Large pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

SOUTHPORT RED GLOBE. The Standard Red Globe; productive; splendid keeper. Attains great size; quality excellent. Large pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

LARGE RED WETHERSFIELD. The Standard Red sort; attains a large size; very popular; a splendid keeper. Large pkt., 5c; oz., 12c; ¼ lb., 35c; lb., \$1.25.

YELLOW GLOBE DANVERS. Perfectly globe shaped; heavy cropper; excellent keeper, and attains large size. Large pkt., 5c; oz., 12c; ¼ lb., 35c; lb., \$1.25.

SOUTHPORT YELLOW GLOBE. Spherical in shape. Later than Yellow Globe Danvers. Color, rich yellow. Large pkt., 5c; oz., 12c; ¼ lb., 35c; lb., \$1.25.

YELLOW DANVERS. A standard sort; roundish; an excellent keeper. In productiveness exceeds all other varieties. Large pkt., 5c; oz., 12c; ¼ lb., 30c; lb., \$1.00.

YELLOW STRASBURG or DUTCH. Later and more flat than the Danvers. The best sorts from which to grow "sets." Large pkt., 5c; oz., 12c; ¼ lb., 35c; lb., \$1.25.

WHITE PORTUGAL or AMERICAN SILVERSKIN. Produces early onions of mild flavor; largely used for growing sets and pickles. Large pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

PARIS WHITE SILVERSKIN. An early, small, round, white variety. Excellent for bunching, pickles, etc. Large pkt., 5c; oz., 15c; ¼ lb., 60c; lb., \$2.15.

WHITE GLOBE. Large size, handsome form, mild flavor. Large pkt., 5c; oz., 25c; ¼ lb., 75c; lb., \$2.00.

WHITE N., K. & CO.'S PICKLING. For early bunching, pickling and sets. Small, hard, round; keeps well; does not turn green when exposed to the sun. Large pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

WHITE NEW QUEEN. Small; noted for extreme earliness and mildness of flavor; much used also for pickling. Large pkt., 3c; oz., 20c; ¼ lb., 60c; lb., \$2.00.



N., K. & CO.'S PICKLING ONION.

Those wishing to purchase Seed for one or more acres of Onions, write for VERY SPECIAL PRICES.

ONIONS.



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. Large pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 60c; lb., \$2.00, postpaid.

PRIZETAKER. 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 5 lbs. having been grown from seed the first year. Large pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 40c; lb., \$1.50, postpaid.

SPANISH KING. This handsome variety is a splendid type of the Yellow Spanish Onion. The flesh is remarkably firm and of the finest quality, of quite rapid growth, and matures medium early. The skin is of a transparent golden straw color. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00, postpaid.

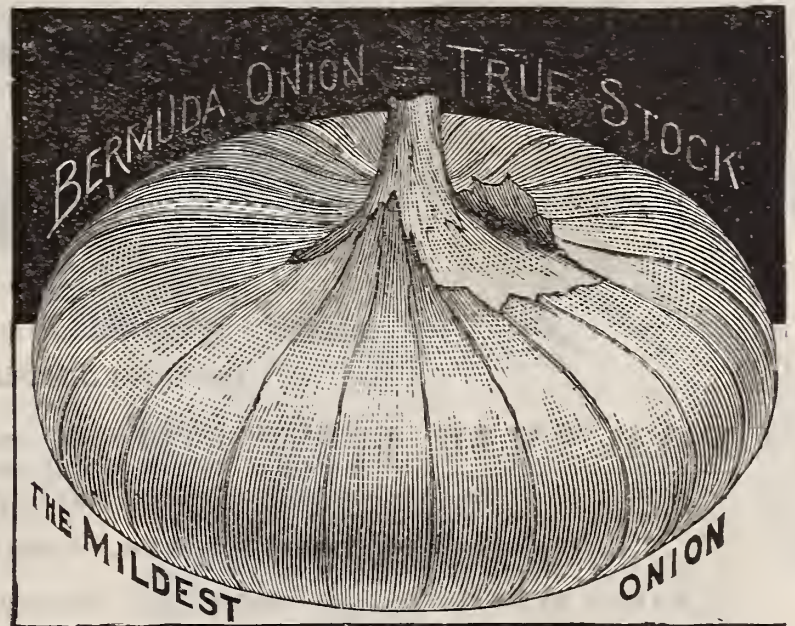
WHITE BARLETTA. This variety is most distinct, on account of its great earliness. It is earlier than the White Queen. It is of a beautiful waxy white color and grows $1\frac{1}{4}$ inches in diameter and $\frac{3}{4}$ of an inch thick, with finely formed bulbs, slightly flattened at the top. Its earliness will highly recommend its use as a substitute for onion sets. An excellent pickling sort. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c; lb., \$2.25.

mend its use as a substitute for onion sets. An excellent pickling sort. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c; lb., \$2.25.

BERMUDA ONION. THERE is no Onion which equals in mildness and delicacy the Bermuda Onion. The true Bermuda onion can only be produced from seed grown at Teneriffe. Most of the seed sold in the country as "Bermuda" is California or Italian grown and gives quite different results. The seed we offer was produced especially for us by one of the most reliable growers of the Canary Islands, and can be relied upon as being true stock of Bermuda Onion. We offer seed of both Red and White.

BERMUDA ONION, WHITE. 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., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c; lb., \$3.25, postpaid.

BERMUDA ONION, RED. 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, lightly suffused with pink. Per pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 80c; lb., \$3.00, postpaid.



MR. ROBERT L. GOULD.

A HEAVY SHIPPER'S EXPERIENCE.

"I have been buying vegetables on the St. Paul market for the last seven years, shipping same largely in carload lots to different parts of the country. I am glad to say a few words about the showing your seeds have made in this vicinity, for I think it is just as important to the shipper to sell good vegetables as it is for the grower to produce them, as we can get the top prices for quality, and a satisfied customer always comes again.

As an instance, I will mention that I bought this fall, from one gardener near St. Paul, 1,125 baskets of Prizetaker Onions that were produced from 6 lbs. of your seed. They were the handsomest lot of Prizetakers I ever laid my eyes on. I paid a big price for them, about 40 per cent. above the market price for ordinary onions, but I got a big price for them myself. The grower was satisfied, I was satisfied, and my customer was satisfied. That is the way it goes.

I want also to mention your Minnesota White Globe and Globe Wethersfield Onion. Your White Globe is particularly choice, and your Globe Wethersfield is the earliest and best stock of Red Globe Onions ever offered on this market.

The Cabbage and Golden Self-Blanching Celery from your seed are also deserving of the highest praise.

If everybody sold as good seed as you do, the work of the produce and commission men would be greatly lessened, and much annoyance would be saved all parties concerned."

Very truly yours,

ROBERT L. GOULD,

Nov. 30, 1899.

St. Paul, Minnesota.

The **IMPORTANCE** of Using
NORTHERN GROWN ONION SETS.



ONION Sets are planted in order to obtain onions *earlier* than they can be had from seed. It follows, therefore, that *Northern Grown Onion Sets* will produce onions *earlier* than Southern grown sets. In addition to this, our Minnesota grown sets are *incomparably superior* to ordinary stock, being of *small size*, sound and free from trash. *Prices subject to market changes.* Write for latest market prices on bushel and barrel lots. Pints supplied at quart, pecks at bushel rates. 28 lbs. constitute a bushel of *top sets*. On all other sets we give 32 lbs. for a bushel. Most houses sell by *measured bushel*; by that process, the larger and more "chaffy" the sets, the less quantity the purchaser receives.

Single pound and quart prices, INCLUDE POSTAGE; pecks, bushels and 100 lb. lots are at buyer's expense.

WHITE BOTTOM SETS. Produced from our Minnesota Lb. 100lb Qt. Bu.
Grown White Silver Skin Onion. A favorite with market gardeners and in private gardens..... 30c 10c 30c \$3.20
RED BOTTOM SETS. Produced from Minnesota grown Red Wethersfield..... 30 10 30 3.20
YELLOW BOTTOM SETS. Produced from Yellow Strasburg seed, which makes the finest yellow set..... 30 10 30 3.00
RED TOP SETS. These are planted to produce "early green" onions and large eating onions..... 35 13 35 3.64

WHITE MULTIPLIER. Green Onions for early spring bunching. They form the first, are of a pure silvery white color and enormously productive..... 35 15 35 4.80
POTATO ONION SETS. Produce large, dry, ripe onions earlier than others..... 35 13 35 4.25
EGYPTIAN or PERENNIAL TREE. For early use. Perfectly hardy..... 25 18 30 1.75
Deduct 10c on single pounds or quarts if sent by Express or Freight at your expense.



IMPROVED HOLLOW CROWN PARSNIP.

PARSNIP. HOLLOW CROWN. We believe this is the finest stock of Parsnip that can be procured. The roots run of uniform size, and are smooth. The growing taste for this delicious vegetable will make this improved strain particularly desirable. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

OUR PACKETS of PARSNIP contain on the average about 1,500 SEEDS.

LONG SMOOTH. A fine flavored variety. Pkt., 3c; oz., 7c; ¼ lb., 12c; lb., 40c.

EARLY ROUND. An early variety, but of small size. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

PARSLEY. CHAMPION MOSS CURLED PARSLEY. For garnishing; no variety is more attractive when well grown; resembles a tuft of finely curled moss, is hardy, and slow in running to seed.

OUR PACKETS of PARSLEY contain on the average about 2,000 SEEDS.

Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 60c, postpaid.

EMERALD. Distinct in appearance from any of the other varieties, being of a lighter and more brilliant shade of green. The plant is of a dwarf habit, with leaves finely cut and very curly. To growers for the market as well as for private gardens we recommend this sort. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 70c.

HAMBURG or TURNIP-ROOTED. A fleshy-rooted kind; the roots used for flavoring soups. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

EXTRA DOUBLE CURLED. A fine dwarf variety, beautifully curled; excellent for garnishing. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 50c.

PLAIN. The leaves of this sort are plain; it is hardier than the curled variety. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.



Moss Curled Parsley.

TO MARKET GARDENERS:—Market Gardeners, as a rule, send away from home for their seeds. Our orders from distant cities are increasing in number and size each year, and this, of course, gives us great satisfaction. We are best pleased, however, to be able to state that we *have and hold the trade of the best gardeners of our own town.*



Northern Grown
Hand Picked
SEED PEAS.

Northern Grown Seed Peas are Earliest, Hardest and Most Productive.

FOR MANY YEARS we have made a Specialty of them, growing many hundred acres each season. Our Samples are fine and our Stock pure.

PRICES. On lots of more than one bushel write for **SPECIAL PRICE**, stating variety and quantity wanted. Liberal inducements to distant planters to equalize freight. **WRITE US.** Note that pints are supplied at quart prices. Pecks and half bushels at bushel prices. No charge for bags. Do not overlook that, as our quart prices include postage, 15 cents a quart—7 cents a pint should be deducted if sent by express or freight at purchaser's expense, either alone or with other seeds. **PEAS ARE A SHORT CROP THIS YEAR AND PRICES RULING HIGH.**

Northrup, King & Co.'s

MATCHLESS WONDER.

A new extra early *wrinkled* Pea, as early as the Alaska, as sweet as the old favorite, Champion of England.

Hitherto all of the extremely early peas have been smooth, round, seeded sorts like the Alaska, First and Best, etc.; palatable enough when the pods are picked in a half-matured state, but hardening quickly on the vine and not at all satisfactory to those who plant for their own use. Many years ago we sent to Henry Ward Beecher some seed of a new variety of peas for which we claimed *extreme earliness*. Mr. Beecher planted them in his garden and in due time wrote us: "The peas you sent me were very early, but they were not sweet, and to me **A PEA WITHOUT SWEETNESS is like a SWEET POTATO WITHOUT THE SWEET.**"

The great preacher was right. A pea without sweetness is not fit to put upon the table, and it is well to bear in mind that a smooth pea is never a very sweet pea.

The **MATCHLESS WONDER** is as early as the Alaska, or any other pea, and as sweet as the Champion of England or any other pea.

The vine, which is very luxuriant and beautiful, grows from 20 inches to 2½ feet in height, according to soil and season. It yields abundantly of good sized pods (larger than Alaska or First and Best), which, while maturing uniformly, do not harden or grow leathery quickly.

It is a grand pea for gardeners to build up a reputation with. It is a most satisfactory pea for private gardens.

Stock is very limited this year, and we cannot at present offer it in larger quantities than four quarts to a purchaser.

Large pkt., 10c; pint, 40c; qt., 75c, postpaid. By express or freight, qt., 60c; 4 qts., \$2.00.

Northrup, King & Co., Minneapolis, Minn.



N., K. & Co.'s MATCHLESS WONDER.



AMERICAN WONDER. Height 10 inches. Seeds, green, wrinkled. Is a great favorite on account of its earliness and excellent quality. It is particularly adapted for family use, as it requires no brush or other support. Large pkt., 5c; qt., 55c, postpaid. By express or freight, qt., 40c; $\frac{1}{4}$ bu. \$2.00.

NOTT'S EXCELSIOR. Height 12 inches. Seeds green, wrinkled. Resembles American Wonder, but preferred by many as being a little less dwarf, and having larger pods. Quality fine. Large pkt., 5c; qt., 55c, postpaid. By express or freight, qt., 40c; $\frac{1}{4}$ bu., \$2.00.

LITTLE GEM. Height 14 inches. Seeds green, wrinkled. Yields profusely. Excellent quality. One of the very best for family use. Remains fit for use longer than the Wonder and Excelsior, and thought by many to be sweeter. Large Pkt., 5c; qt., 50, postpaid. By express or freight, qt. 40c; $\frac{1}{4}$ bu., \$1.50.

N. K. & CO.'S SUMMIT EXTRA EARLY. Height 2 $\frac{1}{2}$ 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 one 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

N. K. & CO.'S IMPROVED AMERICAN WONDER. pkt., 5c; qt., 45c, postpaid. By express or freight, qt., 40c; $\frac{1}{4}$ bu. \$1.50.

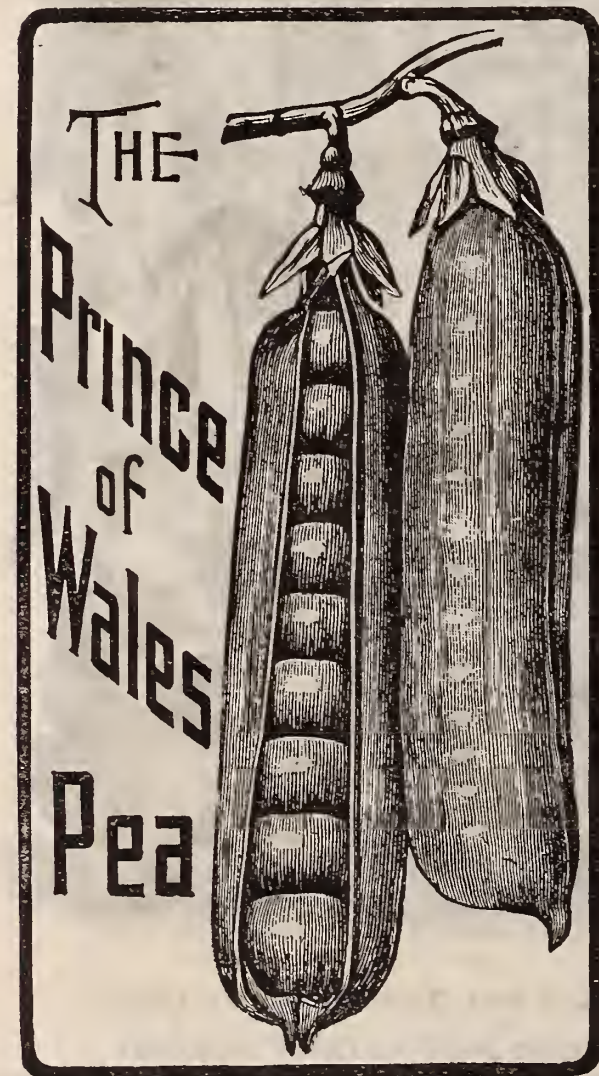
ALASKA. Height 2 feet. Seeds blue. Very early and exceedingly uniform in maturing its pods. A great favorite with canners. Large pkt., 5c; qt., 45c, postpaid. By express or freight, qt., 30c; $\frac{1}{4}$ bu., \$1.40.

ADVANCER. Height 2 $\frac{1}{2}$ feet. Seeds green, wrinkled. This variety is a great favorite in Eastern markets on account of its superior quality. Large pkt., 5c; qt., 45c, postpaid. By express or freight, qt., 30c; $\frac{1}{4}$ bu. \$1.40.

PRINCE OF WALES PEA.

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 **PRINCE OF WALES**. Unlike many other sorts, investigation showed them to be the most popular of any variety, both to the producer and to the consumer. To the producer because of the large pod, immense productiveness, freedom from mildew, and to the peculiar quality of holding their color in the basket, even though exposed in the open market for several days; to the consumer on account of their delicious flavor and the large amount of shelled Peas obtainable from a given quantity of pods. We purchased a quantity of the seed. We have from time to time sold these peas to market gardeners and private planters to whose attention we were able to personally bring the merits of this pea, and we do not know of a single case where they have used **Prince of Wales Pea**, that they have not demanded it again. This leads us to believe that its failure to meet with greater sales amongst the consumers of this country has been because it had not been properly brought to their attention. We hope that this year each one of our customers who plants peas will give it a trial, as we know they will be satisfied with results.

The **Prince of Wales** is a main crop pea, coming in as it does about the time of the Telephone and Stratagem. Average height of vine, 2 $\frac{1}{4}$ feet; seeds very large, yellow wrinkled. The pods are large, although not as large as the 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 rendering it alike valuable to both the grower and the consumer. Try them!



Large pkt., 10c; qt., 40c, postpaid. By express, qt., 25c; bu., \$4.00. Bags included.

PLEASE NOTE that we sell PINTS at QUART RATE., PECKS and HALF BUSHELS at BUSHEL RATE. ☉ Bags Free. ☉ ☉ ☉

Northrup, King & Co., Minneapolis, Minn.

Attention is called to the new mammoth podded pea, "TEDDY ROOSEVELT," which gives double the quantity of shelled peas to most other sorts.



New Mammoth Podded Pea, "Teddy Roosevelt."

New Giant Podded Main Crop Pea,

"TEDDY ROOSEVELT."

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

The "Telephone" and "Stratagem" were the **FIRST** large podded sorts. They naturally created a sensation because widely advertised, and are at present the most largely used in America of any of the large podded varieties. They have, however, one very serious defect. **THE PODS CONTAIN VERY FEW PEAS.**

The 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 a bushel of pods will **SHELL OUT NEARLY TWICE AS MANY PEAS** as the Telephone.

Nothing in the long list of peas excels the "Teddy" in richness, sweetness and flavor, and it ought not to take a pea planter 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.** Large pkt., 10c; qt., 55c; 2 qts., \$1.00, postpaid. By express or freight, qt., 40c; 2 qts., 70c; bu., \$7.00.

CARTER'S "DAISY." Second Early. 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, which are from 16 to 18 inches high, and **NEED NO BRUSH.** The pods are nearly *double the size* of American Wonder or Gems, and are *always well filled* with large peas of most excellent quality. Large pkt., 10c; qt., 50c, postpaid. By express or freight, qt., 35c; bu., \$8.00.

Popular Main Crop Sort.

CHAMPION OF ENGLAND. 4 feet in height. Seeds green, wrinkled. Worthy of continued use, not only on account of its fine quality, but from the fact that from it has sprung the whole race of green wrinkled peas. Large pkt., 5c; qt. 40c, postpaid. By express or freight, qt., 25c; ¼ bu., \$1.25.

WHITE MARROWFAT. Height 4 feet. Seeds white. Productive, but in quality rather inferior. Large pkt., 5c; qt., 35c, postpaid. By express or freight, qt., 20c; ¼ bu. 65c.

BLACK EYE MARROWFAT. Height 4 feet. Seeds white with a black eye. Very hardy, but of indifferent quality. Large pkt., 5c; qt. 35c, postpaid. By express or freight, qt., 20c; ¼ bu., 65c.

YORKSHIRE HERO. (Big Gem.) Height, 1½ feet. Seeds large, yellowish, green, wrinkled. Quality fine. Large pkt., 5c; qt., 40c, postpaid. By express or freight, qt., 25c; ¼ bu., \$1.25.

EVERBEARING. Height 3½ feet. Seeds large, green, wrinkled. Continues long in bearing. Excellent for family use. Large pkt., 5c; qt., 40c, postpaid. By express or freight, qt. 25c; ¼ bu. \$1.15.

TELEPHONE. Height, 3½ feet. Seeds wrinkled, green, immense pods, Peas large, of delicious flavor. Large pkt., 5c; qt., 45c, postpaid. By express or freight, qt., 30c; ¼ bu. \$1.35.

STRATAGEM. Height, 1½ feet. Seeds wrinkled, green, very large pods. Our stock is very fine; peas of first-class quality. Large pkt., 5c; qt., 45c, postpaid. By express or freight, qt., 30c; ¼ bu., \$1.35.

EDIBLE PODDED PEAS. Large white sugar. Pkt., 5c; qt., 40c, postpaid. By express or freight, qt. 25c; bu., \$1.25.

Please note that we sell pints at quart rates;

Pea Crops are this Season the Lightest for Years, and Prices Correspondingly High. ○ ○ ○ ○ ○ ○ ○

Northrup, King & Co., Minneapolis, Minn.



Pepper.

PEPPER.

AMERICAN GROWN SEED.

Our Packets of Pepper contain on the average about 400 Seeds.

	Large Pkt.	Oz.	¼ lb.	Lb.
GOLDEN DAWN. Sweet, handsome, yellow....	5c	15c	60c	\$2.00
RUBY KING. Beautiful bright red; large fruit, mild; one of the best.....	5	20	60	2.00
LARGE SQUASH. Productive. Much used for pickles.....	5	20	60	2.00
LONG RED CAYENNE. Bright red. Pods small	5	20	60	2.00
LARGE BELL OR BULL NOSE. Large and mild. Early. Favorite sort.....	5	20	60	2.00
OXHEART. Heart-shaped; fine for pickling....	5	20	60	2.00
LARGE GOLDEN UPRIGHT. Quite distinct; double the size of Golden Dawn, and quite sweet; fine for Mangoes.....	5	20	60	2.00
PROCOPI GIANT. Very large; brightly colored; fine flavor.....	5	20	60	2.00
RED CHERRY. Cherry shaped; largely used for pickles.....	5	20	60	2.00
RED CHILI. Very productive, small, red, very pungent.....	5	20	60	2.00
YELLOW CHILI. Similar in form to Red Chili, but more pungent and of beautiful yellow color	5	25	75	2.50
MONSTROUS. Very large French sort.....	5	20	60	2.00
SWEET SPANISH. Large, mild; used for salad..	5	20	60	2.00
SWEET MOUNTAIN. Large and of mild flavor; much used for making Mangoes.....	5	15	60	2.00
CELESTIAL. A Chinese pepper; first fruit is yellow, and when fully matured becomes a deep scarlet.....	5	15	60	2.50

	Large Pkt.	Oz.	¼ lb.	Lb.
KALEIDOSCOPE. So called because the fruits are constantly changing in color, through all shades from light yellow to intense scarlet.....	5c	15c	75c	\$2.50
CARDINAL. Grows about six inches long; very sweet and thick fleshed; bright colored	5	15	50	1.75
RED CLUSTER. A new type of Chili, with upright, bright pungent red fruits.....	5	15	50	1.75

PUMPKINS.

Our packets of Pumpkin contain on the average about 75 seeds.

JAPANESE PIE. From Japan. Entirely distinct; in quality is first-class; keeps well. The seeds are very curiously marked.....	5	10	25	.75
EARLY SUGAR. Fine grained, sweet and prolific. Small in size, but one of the best for pies.....	3	8	20	.60
QUAKER PIE. An excellent variety.....	3	8	20	.60
GOLDEN OBLONG. Prolific; superior quality; good keeper; flesh very thick and fine grained.....	3	8	20	.60
CHEESE. Large, hardy and productive. Excellent for table use. One of the best sorts for stock feeding.....	3	8	20	.50
TENNESSEE SWEET POTATO. Pear shaped; creamy white in color; fine grained; dry and brittle; good keeper.....	3	8	20	.60
CONNECTICUT FIELD. The standard variety for field culture and stock feeding.....	3	5	10	.35
N., K. & CO.'S MAMMOTH PRIZE. The largest pumpkin grown. Has attained a weight of 225 pounds. If you wish to see just how large a pumpkin you can grow, try the Mammoth Prize. The quality is excellent..	5	10	25	.90



N., K. & Co.'s Mammoth Prize Pumpkin.



Connecticut Field Pumpkin.

We sell Ground Oyster Shell, Crystal Grit, Ground Bone, etc., Cheap. See last inside cover page. Our price list of Poultry Supplies, Garden Tools, Fertilizers, etc., mailed on application.

"The Finest."
 "Your Golden Oblong Pumpkin are the finest I ever tasted, and so my neighbors say."
 MISS E. J. MULLEN, Calhoun, Wis.

"Will Buy Again."
 "One giving your seeds a trial, will certainly buy again."
 J. N. BYERS, Olden, Mo.

"No Equal."
 "For sure heading, size and quality, your Model Cauliflower has no equal."
 M. A. BURGESS, Pawling, N. Y.

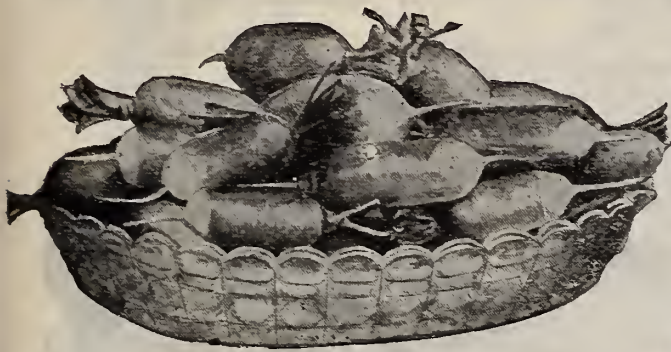
"Not Surpassed."
 "Your Klondike Watermelon is the very best watermelon I have seen raised here. For earliness and quality it can not be surpassed. The Kentucky Blue Grass seed from you did exceedingly well."
 JAMES A. HARDING, Parkman, Ky.

"Entire Satisfaction."
 "The seeds ordered from you last spring, gave entire satisfaction in every respect. They are all the very best, and more than you claim for them. The Holland cabbage seed has secured for me one of the best crops in this section. I should recommend to those wanting seeds true to name and nature to purchase them of N., K. & Co."
 DUNCAN WESTSIDE,
 Springs Garden,
 West Owasso, Mich.

**"THE SECRET OF GROW-
ING GOOD RADISHES"**

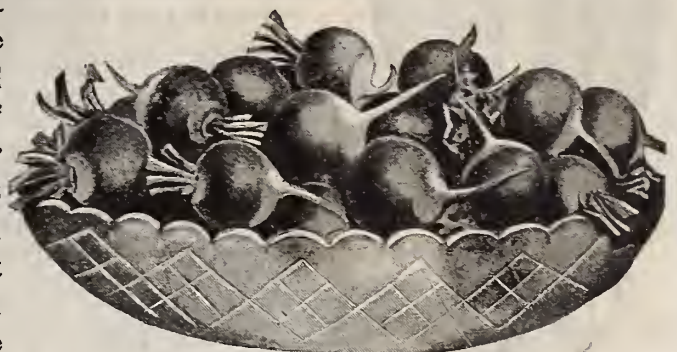
CONSISTS chiefly in the observance on the part of the grower of three points. First, they should be grown on light, quick soil. Second, they should be given plenty of water, and last, but not by any means least, the right kind of seed should be sown. Radishes grow very quickly, and if not supplied with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

The best radish seed comes from Brittany, in France, and is grown on land that has been reclaimed from the sea. This soil, with its sub-irrigation, produces sound, shapely roots, and these qualities are



EARLY FRENCH BREAKFAST .

to a certain extent perpetuated in the seed. Radish seed from the south of France and other warm countries is grown very much more cheaply, but is undesirable and should not be used.



EARLY SCARLET TURNIP, WHITE TIP.

NEW TRIUMPH RADISH. This is a decidedly unique novelty in Radishes. It is very early, maturing about 20 days from the time of sowing. It is of globe shape, the tops are short, which make it valuable for growing under glass. The flesh is very crisp, solid and of mild flavor. Its most distinctive feature is the unique color of roots, which is entirely different from anything heretofore grown, and makes it a true ornament on the table. The ground color is pure white, striped horizontally with bright scarlet. It should be in every private garden, and market gardeners will find ready sale for it on account of its superior quality, as well as its very distinctive appearance. Large pkt. 10c; oz., 20c; ¼ lb., 50c.

Turnip Shaped Varieties.

NEW LEAFLESS. (For Forcing.) This is the earliest of all Radishes, bright scarlet of beautiful shape and color. Absolutely the earliest and almost entirely without leaf. On this account can be grown under glass very economically. Large pkt., 10c; oz., 20c; ¼ lb., 60c; 1 lb., \$2.00.

EARLY SCARLET TURNIP, WHITE TIPPED. We have a very clean and beautiful strain of this popular sort. Is extremely early and is largely used both for growing under glass and outdoors. One of the most attractive Radishes for the table. Large pkt., 5c; oz., 8c; ¼ lb., 20c; 1 lb., 75c.

EARLY DEEP SCARLET. Root dark red in color, grows very smooth. Remains fit for use longer than any other early variety. Large pkt., 5c; oz., 7c; ¼ lb., 20c; 1 lb. 65c.

EARLY WHITE TURNIP. A medium size variety, grown very largely for summer use. It takes about thirty days to mature and remains fit for use a long time after reaching edible size. Large pkt. 5c; oz. 8c; ¼ lb. 20c; 1 lb., 60c.

EARLY YELLOW SUMMER. Round in shape, grow to large size, mild in flavor, crisp and remains solid a long while; excellent for summer use. Large pkt. 5c; oz., 7c; ¼ lb., 20c; 1 lb. 60c.

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. Large pkt. 5c; oz., 8c; ¼ lb., 20c; 1 lb., 65c.

ROSY GEM. In shape and color resembles Early Scarlet Turnip, white tipped, but reaches a larger size; of excellent quality. Large pkt. 5c; oz., 8c; ¼ lb. 20c; 1 lb. 65c.

EARLY WHITE BOX. Similar to the White Turnip, but attains larger size. Large pkt., 5c; oz., 8c; ¼ lb., 15; 1 lb., 65c.

Early Olive-Shaped Varieties.

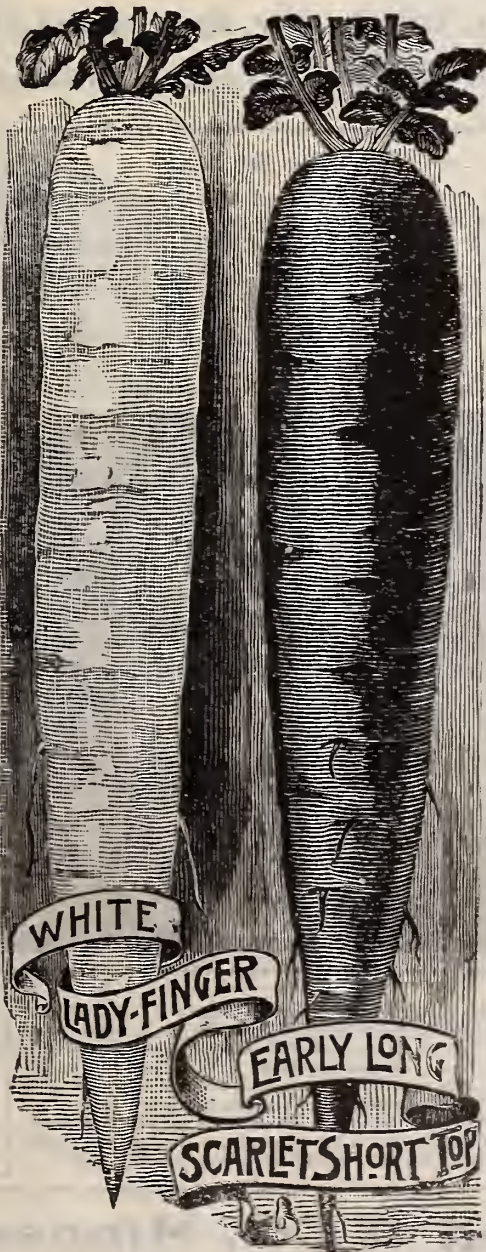
FRENCH BREAKFAST. A great favorite. Beautiful, bright scarlet, with pure white tip. Oval in shape, fine for open ground or forcing, large pkt., 5c; oz., 8c; ¼ lb., 15c; 1 lb., 65c.

EARLY SCARLET OLIVE. A very useful variety. Matures in 25 days, color bright, flesh crisp and tender. Large pkt. 5c; oz., 8c; ¼ lb., 15c; 1 lb., 65c.

WHITE OLIVE SHAPED. Flesh mild and firm. Large pkt., 5c; oz., 8c; ¼ lb., 15c; 1 lb., 65c.

Long White Varieties.

LONG WHITE VIENNA or LADY FINGER. Pure white in color, of long tapering shape, very attractive in appearance, sweet, mild and delicious. Large pkt., 5c; oz., 8c; ¼ lb., 20c; 1 lb., 65c.



WHITE STRASBURG. A large medium long sort, with heavy shoulders, tapering gradually to base. Flesh and skin pure white. Resists drought. Large pkt., 5c; oz. 8c; ¼ lb., 20c; 1 lb., 65c.

Long Red Varieties.

GLASS or CINCINNATI MARKET. In appearance this Radish is entirely unique. It is very early, splendid for forcing or open ground. Mr. Northrup saw this fine Radish in the Cincinnati market several years ago, procured some of the seed and was the first to bring it to the notice of the trade. The name "Glass" was given it on account of its transparency. Large pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 65c.

LONG SCARLET SHORT TOP. A standard popular sort. Grows to six inches in length, matures quickly and can be used before it is fully grown. Large pkt., 5c; oz., 8c; ¼ lb., 20c; 1 lb., 60c.

CHARTIER or SHEPHERD. The largest and handsomest summer sort. The color at the top is of a vivid crimson, fading gradually to pure white at tip. Is delicious in flavor, resists drought effectually. Large pkt., 5c; oz., 8c; ¼ lb., 20c; 1 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., 25c; 1 lb., 70c.

Winter Varieties.

CHINA ROSE. Bright Rose color, flesh firm and piquant, oblong in shape, one of the best for winter use. Large pkt. 5c; oz., 10c; ¼ lb., 20c; 1 lb. 70c.

LONG BLACK SPANISH. One of the largest and best for winter use. Large pkt. 5c; oz., 8c; ¼ lb., 20c; 1 lb., 65c.

CALIFORNIA MAMMOTH WHITE. A white flesh winter Radish of superior quality. Large pkt. 5c; oz., 10c; ¼ lb., 20c; 1 lb. 65c.



Salsify.

without running to seed. Best for family use. Large pkt., 3c; oz., 6c; ¼ lb., 10c; lb., 30c.

✓ **VIROFLAY.** Leaves large and thick. Large pkt., 3c; oz., 6c; ¼ lb., 10c; lb., 35c.

✓ **PRICKLY.** Very hardy. Stands the winter well. Larke pkt., 3c; oz., 6c; ¼ lb., 10c; lb., 35c.

RHUBARB.

✓ **MONARCH.** The largest and most productive variety known. The leaf stalks are very numerous, the longer ones being from 15 to 20 in. in length, and fully 1½ in. wide. The whole plant is nearly 5½ feet in diameter, while the leaves, exclusive of the flower stalks, are about 2½ 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; ¼ lb., 60c; lb., \$2.00.
 ✓ **LINNAEUS.** Early and of excellent quality. Lrg. pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50.
 ✓ **VICTORIA.** Very large. Later than Linnaeus. Lrg. pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50.
 For Rhubarb Roots see page 61.

SALSIFY OR VEGETABLE OYSTER.

✓ **IMPROVED FRENCH.** Thick and smooth. Lrg. pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

✓ **SANDWICH ISLAND.** Largest variety, superior. Large pkt., 5c; oz., 10c; ¼ lb., 40c; lb., \$1.00.

✓ **WISCONSIN GOLDEN.** (New.) Large, yellowish, rich, tender and brittle. Large pkt., 5c; oz., 25c; ¼ lb., 50c; lb., \$1.50.

SPINACH.

✓ **BLOOMSDALE OR SAVOY LEAVED.** Standard sort. It grows quickly to suitable size for use, but soon runs to seed. It is one of the hardiest varieties. Quality is excellent. Large pkt., 3c; oz., 6c; ¼ lb., 10c; lb., 30c.

✓ **LONG STANDING.** Round, thick leaved; stands longest



LONG STANDING SPINACH.

TO MARKET GARDENERS.

MARKET gardeners, as a rule, send away from home for their seeds. Our orders from distant cities are increasing in number and size each year, and this, of course, gives us great satisfaction. We are best pleased, however, to be able to state that we have and hold the trade of the best gardeners of our own town. Such expressions as those of Mr. Busch, Mr. Reeves and Mr. Bachman are but a type of many we could and would be glad to print, if space admitted.

"I Recommend your Seeds to my Fellow Gardeners."

I have relied upon you for my seeds for about 12 years. Your seeds have helped make my business the success it has become. I confidently recommend them to my fellow gardeners.

HENRY BACHMAN,
Minneapolis.

"Can One Say More?"

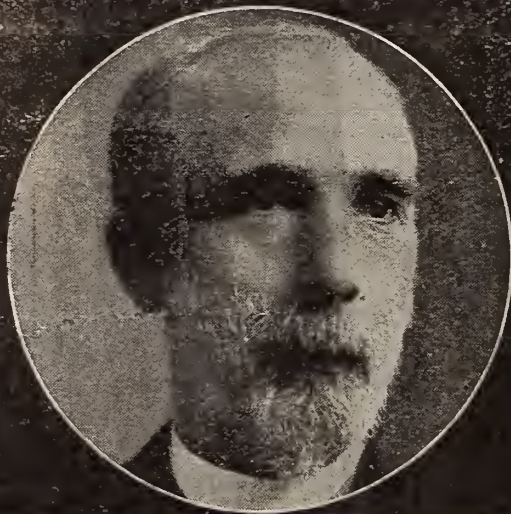
I have purchased the greater part of my seeds from your house for the last fourteen years, and speak from long experience when I say they have given perfect satisfaction. Can one say more?

Yours truly, FRED BUSCH,
Minneapolis.

"Not Part of the Time, but All the Time."

I have purchased the greater part of my seeds of your house for more than 12 years, and they have given me every satisfaction. It is worth a great deal to a market gardener to know where he can get good seeds, not part of the time, but all the time.

NELSON REEVES.
Minneapolis, Nov. 15, 1897.



Mr. Bachman has built up a large plant. He has now 35,000 feet of glass, the outgrowth of a very small beginning. He also cultivates an extensive market garden.

Mr. Busch is the most extensive market gardener in the State of Minnesota. He owns seventeen large greenhouses, having 75,000 feet of glass. His specialties are Cucumbers, Tomatoes, Radishes and Lettuce. These he sells not only throughout the Northwest, but ships largely to Chicago, St. Louis and other leading markets. The preceding statement from a man like Mr. Busch means a great deal.

Mr. Reeves is one of the principal gardeners of Minneapolis. In addition to his out-door crops, he owns and operates seven large greenhouses, all of which are devoted to vegetables, except his Pansy House. From this he markets each year several hundred thousand pansy plants (grown, by the way, from our Imperial German Strain, which those who have used it consider unequalled for beauty and diversity of color and marking).



SQUASH.

SUMMER VARIETIES.

	Large pkt.	Oz.	¼ lb.	Lb.
✓ DELICATA (Henderson's). May be used either as a summer or winter variety; matures about the same time as the summer squashes and is better flavored.				
✓ EARLY WHITE SCALLOP BUSH. Earliest.....	5c	10c	25c	70c
✓ EARLY YELLOW SCALLOP BUSH. Excellent.....	5	10	25	70
✓ EARLY SUMMER CROOKNECK. One of the best; yellow.....	5	10	25	70
✓ EARLY PINEAPPLE. White skin and flesh; late.....	5	10	25	70
✓ PERFECT GEM. Round, white; productive.....	5	10	25	70
✓ GOLDEN CUSTARD. Same as Yellow Bush, but larger.....	5	10	25	70
✓ MAMMOTH SUMMER CROOKNECK.....	5	10	25	70
✓ MAMMOTH WHITE BUSH.....	5	10	25	70

	Large pkt.	Oz.	¼ lb.	Lb.
✓ VEGETABLE MARROW. A favorite English sort. Flesh white and of rich flavor.....	5c	10c	30c	\$1.00

WINTER VARIETIES.

✓ EARLY ORANGE MARROW. A selection from the Boston Marrow. Fruit smaller but earlier. Flesh yellow, thick, fine quality.	5c	10c	25c	70c
✓ FAXON. Very early, medium size, orange flesh, good keeper. One of the best for family use.....	5	10	25	70
✓ FORDHOOK. Matures early. Flesh is dry and sweet, and of most excellent quality. Ripens earlier than any other winter squash. The fruit can be used at any stage of growth.....	5	10	25	70
✓ CANADA CROOKNECK. Flesh close grained, sweet and fine flavored.....	5	10	25	70



**N.K. & CO'S
SELECTED
STRAIN**

✓ MAMMOTH CHILL. Attains enormous size, often reaching a weight of 200 lbs. Despite its size, its flesh is rich and fine flavored. It is especially desirable for stock feeding and exhibition purposes. Large pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

✓ HUBBARD. (N., K. & Co.'s Selected stock.) The great popularity of the Hubbard has led us to pay particular attention to our stock of this important sort. It is hardly necessary to say that the Hubbard is the standard sort, not only as a long keeper, but on account of its quality, which is unsurpassed. Large pkt., 5c; oz., 15c; ¼ lb., 30c; lb., 90c.

✓ WARTED HUBBARD. A Hubbard Squash, large, blackish green, hard as wood, with warty knobs all over it, satisfies even the inexperienced observer that it is rich in quality, a keeper and thick fleshed—such will sell at sight, while ordinary small, irregular, poorly colored specimens stay on the stand until they rot. This strain has become very popular. Pkt., 5c; oz., 15c; ¼ lb., 30; lb., \$1.00.

OFFICE OF
MERRELL, SOULE & CO.
Manufacturers of
PURE FOOD SPECIALTIES.

NORTHRUP, KING & Co. SYRACUSE, N. Y., Dec. 21, 1899.

GENTLEMEN: The second carload of Hubbard Squash is received and found in perfect condition. Both carloads have been FAR 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 lbs. of your seed, providing you could make us a reasonable figure.

Yours truly,
MERRELL, SOULE & Co.

TOMATO.

Our Packets of Tomato Contain on an Average about 1,400 Seeds.

✓ **EARLY MINNESOTA.** 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, has **beaten them all**, and remains to-day, as it was when we first offered it eight years ago—the **earliest of all the good varieties.**

✓ The Imperial, Early Ruby and Early Michigan are excellent sorts, but the Early Minnesota is *superior* to these in **shapeliness, color, smoothness, size, solidity and flavor**, as well as being **EARLIER.** Those wishing to have the Earliest good Tomato must have our Early Minnesota. Large pkt., 15c; oz., 30c; ¼ lb., \$1.00.

✓ **NEW "SCARLET" DWARF CHAMPION.** We this year for the first time offer seed of a New Dwarf Champion, the fruit of which is of a brilliant scarlet, instead of purplish pink as is the case with the well known Dwarf Champion. Otherwise it is identical with this exception; it is earlier.

We strongly recommend a liberal planting of this splendid new sort. Large pkt., 10c; oz., 30c; ¼ lb., 80c.

✓ **ATLANTIC PRIZE.** One of the earliest tomatoes. The vines grow strong, stiff and very rapidly, setting the crown fruit when quite young, the buds appearing before the plant is four inches high. The fruit is borne in immense clusters, each vine producing from sixty to

eighty large, perfect fruits, very solid and of the finest quality. Per pkt., 5c; oz., 20c; ¼ lb., 50c.

✓ **EARLY RUBY.** Very early. Closely resembles Atlantic Prize, fruit well shaped, bright red. Productive. Pkt., 5c; oz., 20c; ¼ lb., 60c.

✓ **EARLY MICHIGAN.** Very early. Resembles Atlantic Prize, except that fruit is of a deeper color. Pkt., 5c; oz., 20c; ¼ lb., 50c.

✓ **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; ¼ lb., 50c.

✓ **MATCHLESS.** This tomato is well named; it is *matchless in form.* The skin being so tough that if picked when ripe they can be kept in good condition as long as ten days. It is a strong grower and productive, producing fruit of large size. The fruit is very free from core, of medium size; color, rich cardinal red. Pkt., 5c; oz., 20c; ¼ lb., 50c.

✓ **THE STONE.** This variety is very large, and of 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; ¼ lb., 50c.

✓ **DWARF CHAMPION.** Dwarf and compact in habit; 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 in appearance; the skin is tough and flesh solid. Pkt., 5c; oz., 20c; ¼ lb., 50c.

✓ **ROYAL RED.** A first-class main crop variety for the shipper, market and private gardener, and of special value to the Canner and Catsup Maker, for whose use it is expected to eclipse all others. It is of a deep, rich red color, without any purple tinge. Pkt., 5c; oz., 20c; ¼ lb., 50c.

✓ **PONDEROSA.** The largest tomato grown. Twelve specimens have been exhibited that weighed 16½ pounds, and one monster tipping the scales at nearly **FOUR POUNDS.** It possesses every good quality to be found in a tomato. Pkt., 5c; oz., 30c; ¼ lb., \$1.00.

✓ **LIVINGSTON'S FAVORITE.** Large, smooth, blood-red sort, early; ripens all over and through at once. Will bear shipping long distances. Very few seeds, and has no hard green core. Pkt., 5c; oz., 20c; ¼ lb., 50c.

✓ **LIVINGSTON'S BEAUTY.** Early, of smooth form, free from rot, keeps and carries well. In color, a rich, glossy crimson. It is valuable for market from its solidity, toughness of skin, and from the fact that it will ripen up well when picked green. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

✓ **GOLDEN QUEEN.** A yellow variety of first-class quality; large, smooth, solid, and productive; has very little acid, flavor excellent. None better for slicing and preserving. Sliced with one of the red sorts it makes a pleasing appearance. Pkt., 5c; oz., 25c.

✓ **YELLOW FIG or YELLOW PLUM.** Recommended especially for pickles and preserves. Fruit uniformly oval, lemon-colored and smooth-skinned. Pkt., 5c; oz., 25c.



✓ **STRAWBERRY GROUND CHERRY or HUSK TOMATO.** This is much liked for preserves, and for eating from the hand. The seed we offer is from the *true* yellow Ground Cherry; very prolific. Besides its use for preserves, it makes good pies, and is very fine dried in sugar. Pkt., 5c; oz., 20c; ¼ lb., 50c.



EARLY MINNESOTA TOMATO.
(GREATLY REDUCED SIZE.)

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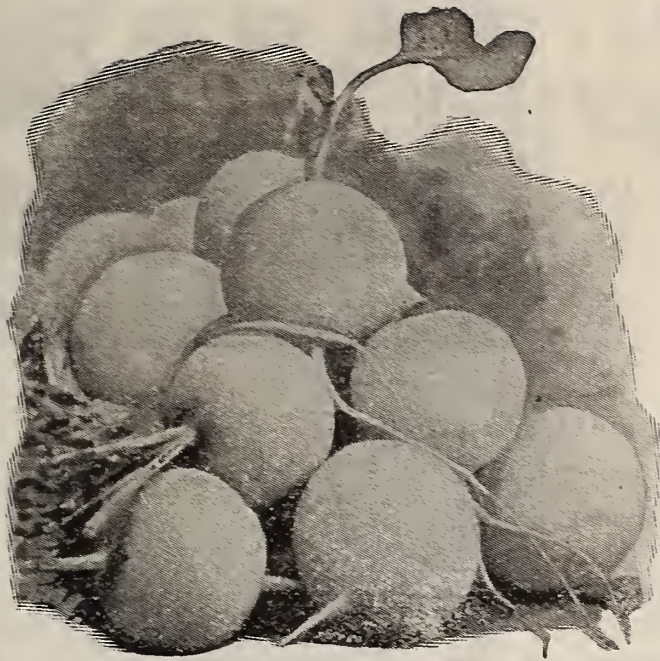
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✓ **YELLOW FIG or YELLOW PLUM.** Recommended especially for pickles and preserves. Fruit uniformly oval, lemon-colored and smooth-skinned. Pkt., 5c; oz., 25c.



TURNIP Table Sorts.

Our Packets of Turnip Contain about 3,500 Seeds.

✓ **N., K. & CO.'S EARLY WHITE MODEL.** Best for Private Gardens and Home Use. Globe shape, color pure white, early. Very solid and sweet. Large pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid.

✓ **EXTRA EARLY MILAN TURNIP.** The Earliest Turnip. Tops very small, distinctly strap-leaved, and growing very erect and compact. Forms bulbs the earliest of any sort. The roots are *very white*. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c, postpaid.

✓ **EARLY RED, OR PURPLE TOP, STRAP-LEAVED TURNIP.** 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. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 45c, postpaid.

✓ **EARLY WHITE FLAT DUTCH TURNIP.** A very popular sort for either table use or 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; ¼ lb., 15c; lb., 45c, postpaid.

N., K. & CO.'S WHITE MODEL TURNIP.

✓ **WHITE EGG TURNIP.** A quick grower; a grand good keeper; excellent either as an early or late variety. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 70c, postpaid.

✓ **PURPLE-TOP WHITE GLOBE TURNIP.** Of a perfect globe shape, about six inches in diameter, with smooth white skin, flesh pure and white, firm and crisp, and of quick growth. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c, postpaid.

✂ ✂ TOBACCO. ✂ ✂



CONNECTICUT SEED LEAF. A largely cultivated sort in America. Large pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

PENNSYLVANIA SEED LEAF. Widely known and used. Our seed is from the famous Lancaster county district. Large pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

CONQUERER. A vigorous growing variety of finest texture. Early and easily cured. Our stock is direct from Mr. Ragland, the originator. Large pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

HAVANA. A genuine Cuban strain. From the celebrated plantations of the "Vuelto de Abajo." Large pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.25.

HESTER. Yellow type, makes fine cigar stock. It has size, shape, texture and color, and ripens early. It recommends itself greatly in this, that it has greater adaptability over a wider range of soils and latitude than any other of the yellow varieties, and may, on this score, be considered the surest. Large pkt., 5c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

SWEET ORONOCO. Used for first-class plug fillers, and makes, when sun cured, the best Natural Chewing Leaf. A favorite for the "Homespun" wherever known. Known as Little Oronoco in some localities. Large pkt., 5c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

MINT. IN the form of "MINT SAUCE" this plant is the familiar accompaniment of Spring Lamb and Green Peas. The freshly cut sprigs are also largely used in summer drinks. It is easily established, thrives in nearly all kinds of soil, and after planting, practically takes care of itself. It should find a place in every private garden, and those desiring to sell it will find it a money making crop, as there is a large sale for it to hotels, restaurants, etc.

We offer both seeds and plants as follows: Seed per packet, 20c; 3 pkts., 50c; Plants, 6 for 30c; 12 for 50c, by mail postpaid.

BY EXPRESS, at purchaser's expense: 25 plants, 60c; 100 plants, \$2.00; 1,000 plants, \$15.00. Carefully boxed, and guaranteed to reach customer in good growing condition. Mint plants will not be sent by freight.

"Experience."

"As is often the case with people who do not know when they are well off, I sent elsewhere for Onion seed, thinking I was doing better; the result was I lost all my season's work.

I am sending you the names of 44 seed buyers, and that you will get a good order from each one of them, is the poorest wish I have for you."

J. B. LORD, Falmouth Foreside, Maine.

"Best I Ever Had."

The seed I had from you did splendidly, and were the best I ever had from any seed firm. Everybody in town who ate your Klondike Watermelon and Rocky Ford Musk Melon said they were the best they ever ate, and they would not buy any others but mine.

CHARLES HELPHENSTINE,
Custer County, Montana.

HERBS.

Utilize the corners for a few Pot and Sweet Herbs (for flavoring soups, meats, 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.

	Pkt.	Oz.
ANISE. Used for cordials, garnishing and flavoring	5c	20c
BALM. Leaves used for making pleasant beverages.....	5	25
BASIL, Sweet. The leaves are used in flavoring soups, etc..	5	20
BORAGE. Leaves used for flavoring and flowers furnish for bee pasturage; most easily grown in any waste place..	5	15
CARAWAY. Grown for seeds. Used for flavoring.....	5	10
CATNIP, or Catmint. Leaves and young shoots for seasoning	10	40
DILL. Seeds have an aromatic odor and pungent taste.....	5	10
FENNEL, Sweet. Ornamental; when boiled, used in fish sauce	5	10



	Pkt.	Oz.
CORIANDER. Seeds used in the manufacture of liquors, in confectionery and culinary preparations	5	10
HOREHOUND. For seasoning and cough remedy	5	30
LAVENDER. An aromatic, medicinal herb	5	20
MARJORAM, Sweet. Leaves and shoots for seasoning.....	5	20
PENNYROYAL. Agreeable odor and flavor.....	10	75
SAGE. Most useful herb for seasoning	5	15
SUMMER SAVORY. Used for flavoring soups.....	5	15
THYME. Leaves and young shoots used for seasoning; a tea is made of leaves, a remedy for headache.....	5	30



Artichoke.

ARTICHOKE ROOTS.
The New Large Jerusalem Variety; producing from 400 to 1,000 bushels per acre. 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. But their greatest value is for food for hogs. Even the labor of feeding is avoided, as the hogs will help themselves if allowed to do so. We consider them the cheapest and healthiest hog food possible to raise, and find that where brood sows have free access to Artichokes, they and their pigs invariably do well. There is no better food to build up large healthy frames, with plenty of bone and muscle. Hogs will not only grow, but fatten on them.

On good land, with the same culture as corn, Artichokes will produce from 400 to 1,000 bushels per acre. A. C. Williams, of Iowa, a very prominent breeder of Poland Chinas, says: "Forty head of hogs and pigs may be kept without other food on an acre of Artichokes from the time frost is out of the ground until they grow again, and from October 1st until the ground freezes again. They produce more hog food per acre than any other crop I am acquainted with, and the hogs will harvest the crop themselves. Artichokes also produce an immense quantity of tops, of which cattle, horses and mules are very fond, and which makes excellent food when properly cured. A chemical analysis of roots shows them to be superior to Carrots, Parsnips, Mangels, Sugar Beets and Turnips, both as flesh and fat formers."

PLANTING, CULTURE, PRICE, ETC. 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; will come up

thick all over the surface. Run through each way with a cultivator when a few inches high. Price, 1 lb., 30c; 4 lbs., \$1.00, by mail postpaid. By freight or express, 1/4 bu., 50c; 1 bu., \$1.50; barrel of 3 bu. for 1 acre, \$4.00.

ASPARAGUS ROOTS.

By far the most satisfactory way to obtain an Asparagus bed is to set out the roots. We send out no roots that are less than two years old. They may be sent by express or freight, with the assurance that they will arrive in perfect condition for planting.

Asparagus Roots are sent only by Express at purchaser's expense. They are warranted to reach destination in good growing condition.

	Per 100.	Per 1000.
Palmetto Roots.....	75c	\$5.00
Conover's Colossal.....	60	5.00
Columbian Mammoth White.....	1.00	7.50

RHUBARB ROOTS.

	Each.	Doz.
Monarch.....By mail, postpaid	20c	\$2.00
Victoria....."	10	1.00
Linnaeus....."	10	1.00

Extra large clumps, each, 25c; dozen, \$2.00, will be sent by express only at purchaser's expense.

FRUIT SEEDS.

Apple Seeds, 45c qt.....	.....	\$6.00 bu.
Cherry Pits, Mahaleb.....	.....	.60 lb.
Currant, Red.....	10c pkt.	.40 oz.
" White.....	10c pkt.	.40 oz.
" Black.....	10c pkt.	.40 oz.
Gooseberry, Red.....	20c pkt.	1.00 oz.
" Yellow.....	20c pkt.	1.00 oz.
" Green.....	20c pkt.	1.00 oz.
Peach Pits.....	35c qt.	1.50 bu.
Plum Pits, Myrobalan.....	.....	.75 lb.
German Prunes.....	.....	.60 lb.
Green Gage.....	.....	.65 lb.
Pear Seed.....	20c oz.	2.25 lb.
Quince Seed.....	20c oz.	2.25 lb.
Raspberry Seed.....	10c pkt.	.60 oz.
Strawberry Seed.....	10c pkt.	.75 oz.
Japanese Wineberry.....	10c pkt.	.....

TREE SEED.

By mail, postpaid.
Write for Special Price on quantity.

Deciduous Trees, Hedge and Flowering Shrubs.

	Per lb.	Per lb.
Box Elder.....	\$.35	Black Locust..... \$.30
White Ash.....	.35	Honey Locust..... .30
Cottonwood.....	1.00	Dogwood..... 1.25
European Beech....	1.00	Paw Paw..... 1.20
Norway Maple.....	.90	Sassafras..... 2.00
Sycamore.....	.90	Wild Black Cherry 1.00
White Birch.....	1.25	Persimmon..... .90
Weeping Birch.....	3.00	Barberry..... 1.40
European Elm.....	1.50	Lilac..... 2.00
Basswood.....	1.20	Buckthorn..... 2.25
Catalpa, Hardy.....	.70	Hawthorn..... 1.75
White Mulberry....	2.00	Hackberry..... 1.00
Black Mulberry....	3.00	Osage Orange..... .50
Russian Mulberry..	2.00	Black Walnuts, bu. 1.25

EVERGREENS.

	Per lb.	Per lb.
American Arbor Vi- tae.....	\$2.50	White Spruce..... \$6.00
Golden Arbor Vitae.	4.00	Scotch Fir..... 2.00
European Larch....	1.50	Australian Pine.... 2.00
Balsam Fir.....	2.50	White Pine..... 2.40
Hemlock Spruce... 6.00		Silver Fir..... 1.50
Norway Spruce.... 1.25		Red Cedar..... 1.25
		Boxwood..... 3.25



FLOWER SEEDS.

Our list of flower seeds embraces all the popular and easy-grown varieties, as well as the best novelties of recent production. We desire to call especial attention to our **IMPERIAL MIXTURES**. These are made up by ourselves from named sorts saved from the finest strains of the best specialists of America and Europe,

Our packets, we believe, contain more seeds in proportion to the price asked than those put up by any other house.

We greatly regret that we cannot illustrate every one of the beautiful varieties we list. Prominence is given to many leading sorts, but many to which prominence is not given are equally worthy of display.

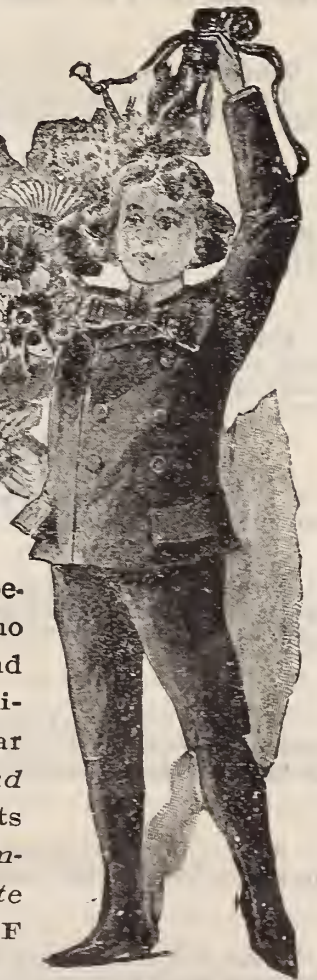
Let us suggest again by all means to try our **IMPERIAL MIXTURES**. You will be delighted with them. Your money back if you write us before January 1st, 1903, that they have not proven all that we claim and more than you expected.

LIBERAL PREMIUMS: With orders for Flower or Vegetable Seeds amounting to \$1.00 or over, you may make your own choice of the three valuable Premiums offered on page 3. Do not fail to take advantage of this liberal offer; and be sure you give the number of Premium wanted.

NORTHROP, KING & CO.'S SCHOOL GARDEN FLOWER MIXTURE.



Our **SCHOOL GARDEN FLOWER MIXTURE** has now become so well known that it will sell on its merits to those who have tried it and seen it. It has interested *thousands* and proven a *revelation to all who have grown it*, in the great variety of flowers it contains. It embraces not only all the popular annuals best known in this country, but a great many *rare and new sorts gathered especially for this mixture* from all parts of the earth. It is no exaggeration to say that *it would be impossible to take a \$2.00 bill and buy flower seeds in separate packages representing ONE-HALF THE REAL VALUE OF THE SEED CONTAINED IN THIS MIXTURE.*



In former years the price of this mixture has been 25 cents a package. To increase its already great popularity we have this year made the price **15 CENTS A PACKAGE**. This mixture, wherever grown, attracts so many inquiries and has proven such a novelty, that for advertising purposes it is worth a great deal to us, and we want to place it as widely as we possibly can. It is of such unprecedented value for the money that everyone who receives this catalogue should at least try a package of this *School Garden Flower Mixture*. **YOUR MONEY BACK IF YOU WRITE US BEFORE JAN. 1, 1903, THAT IT HAS NOT PROVEN ALL AND MORE THAN YOU EXPECTED.** Put up only by **NORTHROP, KING & CO., Minneapolis, Minn.**

Northrup, King & Co., Minneapolis, Minn.

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.

Aster, New Giant Comet.

The plants of this new variety are perfectly true in character, growing twelve to fifteen inches high and covered with large, double flowers, as shown in the illustration. The flowers measure from $3\frac{1}{2}$ to $4\frac{1}{2}$ inches in diameter, resembling in shape and artistically curved and twisted petals, the finest Chinese Chrysanthemums. All colors mixed. Pkt., 10c.

Aster, New Giant White Comet.

We consider this the *finest white* Aster in existence—long stems and very large flowers. Pkt., 10c.

Aster, New Giant Branching.

White, striped with pink. California's best 1900 novelty is unsurpassed in beauty and elegance of form. They are distinct from all other sorts in shape of flowers. Grows from twelve to fifteen inches high, and covered with large double flowers from 4 to 5 inches across—resemble a large Japanese Chrysanthemum. Pkt., 10c; 3 for 25c.

Aster, Semple's Branching.

Handsome double Chrysanthemum-like flowers, many being over six inches in diameter. They come into flower from two to three weeks later than most sorts, filling in the gap between the general run of Asters and Chrysanthemums, and are particularly desirable as cut flowers. Mixed. Pkt., 10c.

Aster, New Japanese.

Entirely distinct and novel. Plants of pyramidal growth, about eighteen inches high, bearing on long stems from forty to fifty flowers, averaging five inches across, composed of wavy and twisted needle shaped petals, making the flower free from the stiff and formal appearance usual to Asters. The color is a soft flesh pink and rose, mixed. Pkt., 8c.

Aster, New Yellow.

The form of the double flower is a perfect ball; the quills are close together and of *the brightest sulphur yellow*. The border petals are broad and of a lighter tint, seeming to enclose the flower like an old-fashioned bouquet paper. Pkt., 5c.

Aster, Fire King.

The most brilliant Aster ever introduced, and the nearest approach to scarlet yet obtainable, a color previously unknown in this popular flower, which for an autumn show of flowers few others equal. Habit very compact, not more than twelve inches in height, with large, beautifully incurved flowers. Pkt., 5c.

Aster, Snowball.

A most distinct and handsome variety, equally valuable for pot culture and cut flowers. It is a most profuse bloomer, a single plant often producing as many as twenty-five to thirty *pure, snow white* flowers, globular in form and of extraordinary size. Pkt., 5c.

Aster, New Victoria.

Magnificent flowers, massive and showy, with regular overlapping petals clear to the center. The flowers measure four inches and more across, and are of rich and varied colors. All colors mixed. Pkt., 10c.

Aster, Perfection.

One of the most perfect and deservedly one of the most popular of all Asters; very double, large and beautiful flowers, with incurved petals; height, eighteen inches to two feet; nearly thirty distinct colors. Pkt., 5c.

Aster, N., K. & Co.'s Imperial Mixture.

This grand mixture is the result of fifteen 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. Pkt., 15c; 2 pkts., 25c.

Aster, Fine Mixed.

Many varieties of different types; all colors. Pkt., 5c.



ASTERS NOW "THE RAGE"

The Pendulum of Popular Favor swings from one flower to another. A few years ago Pansies were "the fashion," of late Sweet Peas have been the leaders. Now it is the Aster, and with good reason. No flower excels it in beauty and variety. No flower equals it in usefulness and lasting qualities.

Alyssum, Little Gem.

The plants are very dwarf, each spreads so as to completely cover a circular space twelve to twenty inches in diameter. They soon become one mass of white, remaining in bloom from spring to fall—being densely studded with beautiful miniature spikes of deliciously fragrant flowers. Pkt., 5c.

Alyssum, Sweet.

Much used for edgings; excellent as a cemetery plant. Pkt., 5c.

Acroclinium.

(Pink Daisy.)

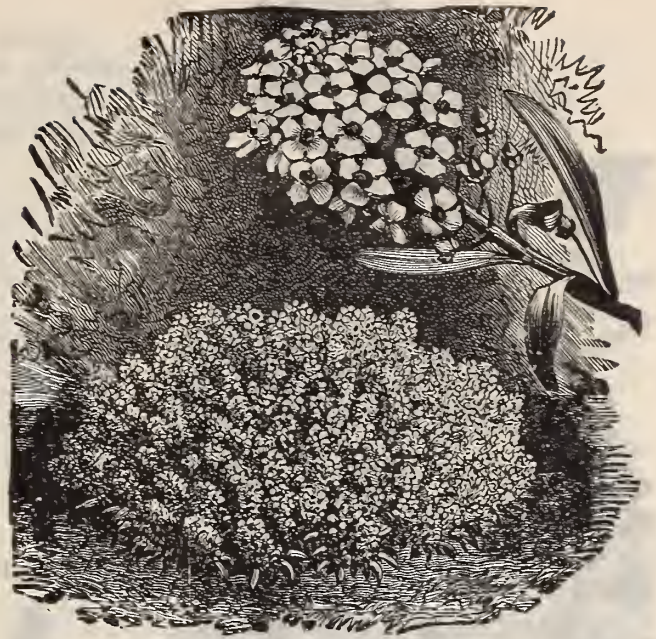
One of the most beautiful and valuable of the everlasting flowers. The densely double flowers are faultless, both in shape and color. Pkt., 5c.

Angel's Breath, or Gypsophila.

An annual that should be in every garden, for it thrives everywhere and furnishes the loveliest material for all kinds of bouquets. The tiny little flowers are borne in abundance on long stems, which lend a most graceful, light appearance to any bunch of flowers. Pkt., 5c.

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, fringy 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.



Alyssum, Little Gem.

Ageratum, Imperial Dark Blue.

A plant that blossoms continuously all summer in the garden, and makes a pleasing contrast of color with more brilliant varieties. We offer seeds of the new Imperial Dark Blue as best and most showy. Pkt., 5c.

Ageratum, Dwarf White.

A new variety, very dwarf and compact, pure white. Pkt., 5c.

Crab's-Eye Vine.

(Abrus Precatorius.)

A most beautiful climber, either for pot culture or the open ground in summer; bears clusters of bright yellow flowers, followed by bunches of pods, which, when dry, burst open, disclosing brilliant red seeds with black eyes; used for making beads and other ornaments, for which purpose they are exceedingly pretty. Pkt., 5c.

Anchusa Capensis,

or Cape Forget-Me-Not.

A hardy annual of more than ordinary beauty. It grows about two feet high, branching freely and bearing a profusion of the most lovely flowers, similar in all respects to the Forget-Me-Not, though the blooms are much larger and of finer color. It is always taken for a beautiful large flowering Forget-Me-Not, and for bouquets and cut flowers it is, indeed, superior to it. Its color is a clear, deep, brilliant blue, with a pure white eye; one of the rarest and most lovely shades of that color. It blooms early and continues all summer. Pkt., 5c.

Antirrhinum, New Giant.

Flowers double the size of the older sorts, more closely set on the stems, and colors more clear and brilliant. Plants very compact and bushy, growing about twelve inches high. All colors mixed. Pkt., 5c.

Antirrhinum, Tom Thumb.

(SNAP DRAGON.)

Very dwarf, growing only eight inches high, thickly studded with beautiful spikes of gay colored flowers, orange, scarlet, rose-white, maroon, striped, etc. Pkt., 5c.



Antirrhinum. (Snap Dragon.)



Bachelor's Button, Double.

Balsam,

N., K. & Co.'s Imperial Mixture.

Unrivalled for the great variety of color and size of flower. Under the old names, "Lady Slipper" and "Touch-Me-Not," Balsams have always been popular, but a new impetus has been given to their culture by the improvements that have been made of late years. Our Imperial Mixture includes all the most desirable shades and colors, being made up from the very finest named sorts. Pkt., 10c.

Balsam, Good Mixed.

An excellent mixture, lacking only some of the high priced sorts contained in our Imperial Mixture. Pkt., 5c.

Balsam, Defiance.

An excellent mixture; flowers large, double, many colored. Pkt., 5c.

Bird of Paradise. (Poinciana Gillesi.)

The color of the flower is a golden yellow, measuring $2\frac{1}{2}$ inches across, and are produced in very large trusses. The most 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 seeds are started early it will produce blooms in great profusion the first year. Pkt., 10c.

Butterfly Flower.

Elegant and very free blooming annuals of much interest and beauty, and when well grown rival in singularity of colors and markings of the orchids; large flowers, spotted with crimson, lilac, purple and yellow, and the petals are cut in a picturesque manner. In pots in the conservatory or house few plants are more attractive; also elegant in a bouquet or vase, and fine for bedding. Pkt., 5c.

Bachelor's Button, Double.

It has been so perfected that fully eighty per cent. of the flowers are double and semi-double; are also increased in size and present many bright colors and distinct markings, which have hitherto been unknown in this old-fashioned favorite flower. Pkt., 5c.

Balsam Apple.

A beautiful climbing plant with apple-shaped fruits, which, if preserved in alcohol, make a most useful liniment. Pkt., 5c.

Begonia Vernon.

One of the most satisfactory pot plants for the house, and a popular bedding plant for the garden or lawn. It blooms with the greatest profusion throughout the summer. Flowers a brilliant orange carmine with bright yellow centers, and the foliage waxy and glossy. It is easily raised from the seed, and comes absolutely true. Valuable for bedding and general culture. Pkt., 5c.

Begonia, Tuberous Rooted.

Single Mixed. Saved from the finest colors. Pkt., 10c.

Begonia,

Tuberous Rooted.

Double Mixed. From the finest colors. Pkt., 10c.

Bridal Veil.

Hardy perennial; the delicate and graceful foliage, covered with small white flowers, renders it invaluable for bouquets, edging and rock work; retains its color when dried. Pkt., 5c.

Bean,

Scarlet Runner.

One of the very few beans that is both ornamental and useful. Grows rapidly to a height of ten or twelve feet, and is covered from July until heavy frost with clusters of beautiful scarlet flowers. Pkt., 5c.



Balsam, N., K. & Co.'s Imperial Mixture;



Bird of Paradise.

Marguerite Carnations

This new class of fragrant Marguerite Carnations will bloom in about four 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, you will have fine flowers late in the fall until checked by hard frosts. Sown in the autumn, the flowers will be in full bloom early in the spring. Thus, by planting at different seasons, flowers can be had all the year around. All varieties mixed. Pkt., 8c. White, 10c.

Giant Excelsior Carnation.

This is a greatly improved strain of the new Marguerite Carnation; produces fine, fragrant double flowers in only four months from seed. The plants are dwarf and compact. Produce much larger and more finely double flowers and continue to bloom profusely until the flower beds are destroyed by heavy frosts. Pkt., 10c.

Candytuft, Giant Empress.

One of the finest varieties in cultivation. It is intermediate in height between the old Rocket and the newer Tom Thumb sorts. The plant is of *very branching habit*, and when fully grown are covered with its *pure white flowers*. Pkt., 6c.

Candytuft, Mixed.

All colors. Pkt., 3c.

Candytuft, Snow Queen.

A valuable and distinct species of great beauty. It is an annual variety and grows very rapidly, quickly coming into bloom, remaining in full flower for about three months. It bears but little foliage, and the mass of white produced makes it useful for borders. Pkt., 5c.

Cineraria Hybrida, One of the most popular House Plants.

The rich and vivid colors range through all shades of light and bright blue to royal plum-purple, and from shining crimson to deep maroon. Most of the varieties have a well defined white eye, while the flowers are sharply margined with some high contrasting color. The secret of growing well is to grow fast, never allowing them to receive a check, either from being pot bound, dryness of root or attack of insects; the cooler they are kept the better. The plants grow about as broad as they are high—averaging fifteen inches—perfectly circular in shape, and covered with brilliant blossoms. Pkt., 10c.

Chinese Lantern Plant.

The plant produces numerous large, inflated husks, much the shape of Chinese lanterns, at first a beautiful green color, changing to a yellowish hue and then to brightest scarlet. Treated like a Tomato, it grows and fruits freely from seed the first season, yet the plants are perennial and may be wintered in the cellar or grown in pots as a window plant. Pkt., 5c.

Canary-Bird Flower.

One of the most beautiful annual climbers, with bright green foliage, delicately cut and very ornamental. The flowers are of a bright golden yellow, bearing a fanciful resemblance to birds with expanded wings. Does well as a pot or basket plant for the window or conservatory. Pkt., 5c.

Calliopsis, or Coreopsis, Single.

Very handsome and showy plants of the easiest culture; require no care and thrive in any garden. Produce flowers in nearly every shade of yellow, orange, crimson, red, brown, mixed colors. Pkt., 5c.

Calliopsis, New Double.

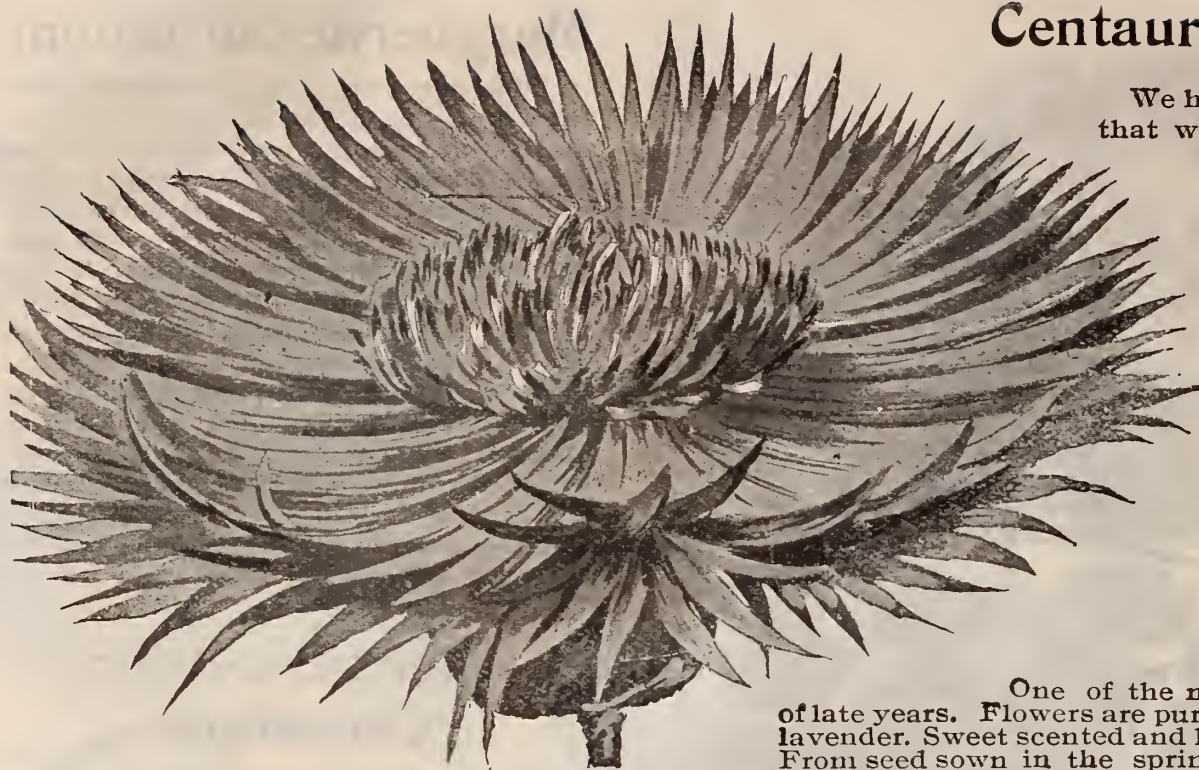
A handsome double variety, flowers a rich golden yellow, with wine-maroon spots. Pkt., 5c.

Northrup, King & Co., Minneapolis, Minn.



Centaurea Imperialis.

We have never listed a "novelty" that we take greater pleasure in offering to our customers than **Centaurea Imperialis**, a grand new annual variety from Italy. The flowers, which are of a giant size, are of varied tints and colors, in pure white, lilac, rose, purple, dark red, etc. It is of easiest culture, and flowers continually from spring until autumn. Pkt., 15c; 2 for 25c.



Centaurea Imperialis.

Centaurea, Marguerite.

One of the most valuable introductions of late years. Flowers are pure white, sulphur yellow, and lavender. Sweet scented and lasting, valuable for cutting. From seed sown in the spring will flower until late in autumn. Pkt., 8c.

Coleus.

One of the best known and most universally admired ornamental foliage plants, in an endless variety of colors and shadings, indispensable for ribbon and carpet bedding, or as single specimens. Coleus seed germinates easily, and success is as sure as with any ordinary annual. Pkt., 10c.

Cockscomb, Dwarf Queen.

This is the best dwarf-growing Cockscomb; plants about eight inches high, with well-balanced large heads, ten to twelve inches across. They grow very uniformly and present an unusually solid effect in color, which is a rich, ruby red, of extreme brilliancy. Pkt., 5c.

Chrysanthemum. (French Margureites.)

Annual varieties much grown for cut flowers. The plants grow twelve to eighteen inches high and produce on long stems, beautiful, large flowers of many bright colors. Pkt., 5c.

Chrysanthemum. (Fancy Perennial.)

From the best Incurved, Pompone, Japanese, Chinese and Anemone-flowered varieties. Seeds sown in the hot-bed in February or March, or even in April, will give plants that will bloom in August or September, and cannot fail, with proper care, to give magnificent flowers in a wonderful variety of colors and forms. Pkt., 8c.

Crozy's New Dwarf Cannas.

One of the most popular of bedding plants, while even single specimens are more attractive in the garden. They will bloom the first year from seed, if you soak them in very hot water over night; sow singly in small pots as soon as convenient, and grow as rapidly as possible. The roots can be kept in the cellar over winter, and each clump will give six to eight good roots for planting out the following spring. Pkt. 8c.

Cannas, Tall.

A mixture of all the best tall growing varieties. Pkt., 5c.

COSMOS, Dawn.

The great obstacle to the more general cultivation of the Cosmos in the North has been its *lateness*, frost usually cutting them down just as they were coming nicely in bloom. The Grand New Cosmos *Dawn* will bloom in July from seed sown in the spring. It has another advantage in being more dwarf than other varieties. Height about four feet. Flowers are white, rose tinted. Seed sown early and transplanted to open ground will produce plants covered with bloom until late. Pkt., 10c.

COSMOS. White. Flowers large. Pkt., 5c.

COSMOS. Pink. Beautiful. Pkt., 5c.

COSMOS. Pure Yellow. New. Pkt., 5c.

COMOS. Finest Mixed. All colors. Pkt., 5c.

Cobæa, Scandens.

Although it does grandly outside, it is also a splendid house climber, and will do well running over windows in the house, and will reward the grower with abundance of beautiful, large bell-shaped flowers, green at first, but rapidly changing to a beautiful deep violet blue. A well established plant will run 30 to 40 feet in a season. Pkt., 5c.

Snowball Daisy.

A beautiful white flowered variety, having very long stems with large double flowers, about 80 per cent. of which are extremely double. Pkt., 8c.

Double Daisy, mixed.

The flowers are white, pink, red and variegated. *Not all will come double from seed.* Pkt., 5c.

The Blue Daisy.

The flower is the very counterpart of the Paris Daisy, which is sky blue, with a blue disc. It makes a very pretty object for summer decoration in the flower garden, of easy growth, and the plant may be had in flower all the year around. Pkt., 5c.

Dahlia, Double.

Every one knows and admires the Double Dahlia, but comparatively few are aware that it can be grown so easily from seed, and flowers so beautifully the first season, that the purchase of bulbs is a needless expense. The mixture we offer contains the best Large Flowering, Pom-pone and Lilliput varieties from separate colors, and cannot fail to produce some entirely new sorts. Pkt., 10c.

Dianthus, Chinese Pinks, Finest Mixed.

One of the most useful and desirable plants, and for beauty and variety of colors and markings cannot be surpassed, ranging from pure white to the most delicate pink and glowing deep crimson. A bed of these in a flower garden will make a grand display at small cost. The mixture we offer includes, beside the standard sorts, all the new and brightest colors in spotted, striped and handsomely fringed varieties of late introduction, both single and double. Pkt., 5c.

New Dwarf Hybrid Pinks.

The plants grow only nine to ten inches high, with extra large double flowers, frequently measuring three inches across—of perfect form and brilliant colors, ranging from pure white to deep crimson, while many are beautifully variegated and fantastically marked; blooming freely the first season. Pkt., 10c.



Dahlia, Double.

Dianthus, Chinese Pinks, Fine Mixed.

Many distinct and beautifully marked varieties, the colors very rich, hardly any two alike. Pkt., 5c.

Datura, or Trumpet Flower.

They bloom freely from seed sown in the open ground the first season, and the roots can be taken up and kept over winter. Pkt., 5c.

Feverfew, Double. White.

A fine old-fashioned bedding plant; also suitable for pot culture. It grows about eighteen inches high, with numerous branching flower stems, and are literally covered with very double, pure white flowers. Pkt., 5c.

Forget=Me=Not, Victoria.

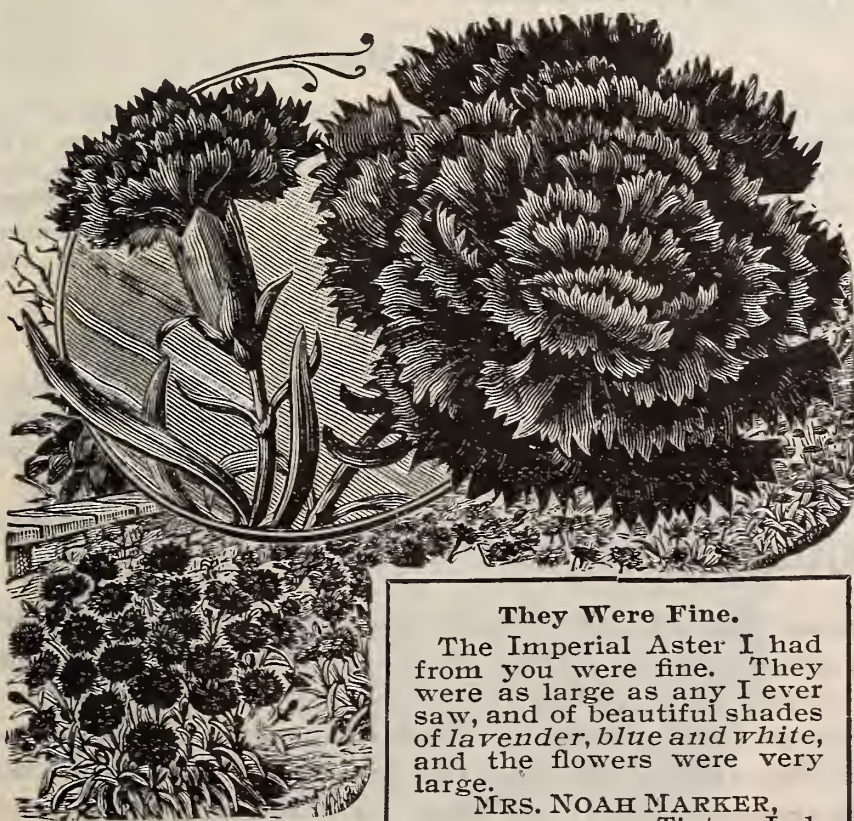
Of stout and bushy habit of growth, bearing umbels of large bright, azure-blue flowers, with central double blooms. This beautiful Forget-Me-Not is the best for carpet bedding, edgings and masses and for growing in pots. Pkt., 5c.

Fuschia, Double and Single Mixed.

Fuschias 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 winter, where they will flower still more freely. Pkt., 20c; 3 Pkts., 50c.

Eschscholtzia, California Poppy.

Hardy annual, growing about one foot high, rich yellow flowers, fully as valuable as the common poppy for garden ornamentation, and as easily grown. Pkt., 5c.

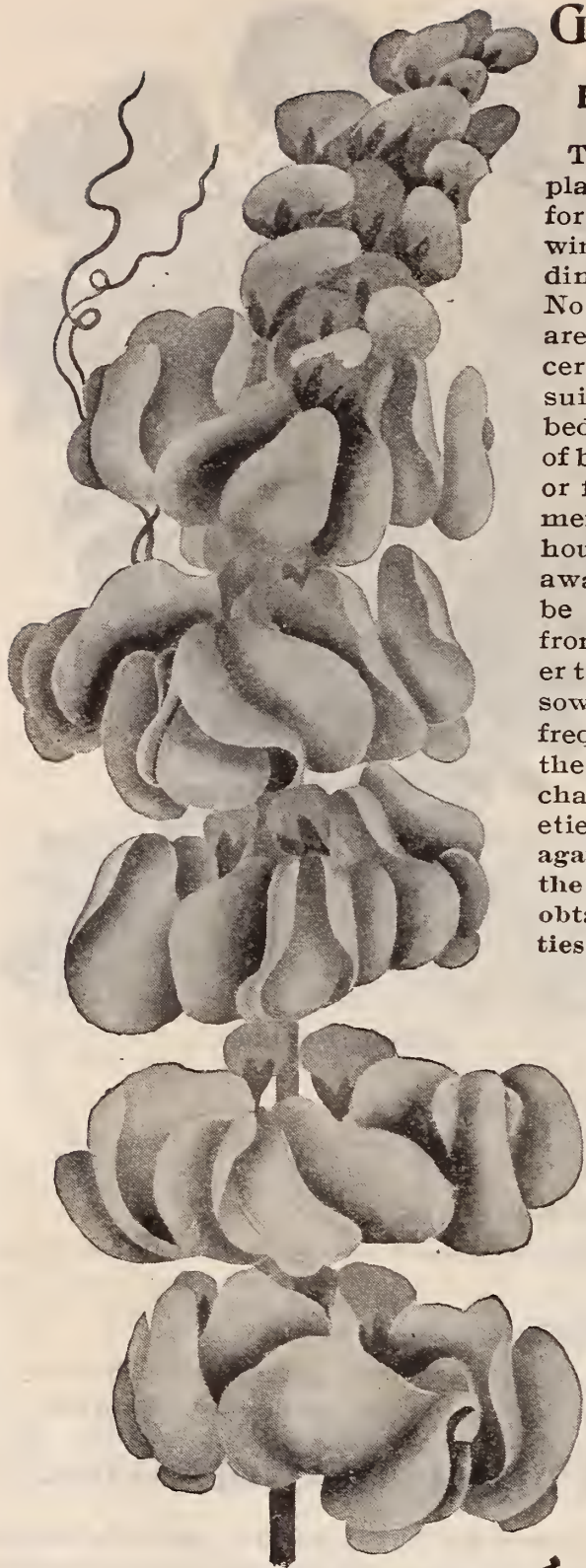


New Dwarf Hybrid Pinks.

They Were Fine.

The Imperial Aster I had from you were fine. They were as large as any I ever saw, and of beautiful shades of lavender, blue and white, and the flowers were very large.

MRS. NOAH MARKER,
Tipton, Ind.



NEW CLIMBING,
DOLICHOS
 (HYACINTH BEAN)
DAYLIGHT

Geranium,

Finest Mixed.

The most popular plant grown, either for pot culture in winter or for bedding out in summer. No flowering plants are more grown, and certainly none more suitable for large beds, where a mass of bloom is desired, or for single specimens in pots for the house. But few are aware that they can be grown easily from seed, and flower the first season if sown early, and will frequently reward the cultivator with charming new varieties; in fact, propagation by seed is the only sure way to obtain new varieties. Pkt., 10c.



Geranium.

Geranium, Apple Scented.

Leaves delightfully fragrant, highly prized for bouquets. Pkt., 6c.

Gaillardia, New Double.

Large, double flowers, valuable for cutting. The colors embrace sulphur, golden yellow, orange, amaranth and claret. Pkt., 5c.

Godetia.

Of hardy annuals none are more beautiful than these. Flowers are of handsome shape, in the most brilliant as well as delicate colors, and are produced in marvelous profusion. Of easiest culture; a child can grow them. Pkt., 3c.

Gloxinia.

The Gloxinia is a grand flower and makes a lovely pot plant, as easily grown and cared for as many of the common flowers. The handsome bell-shaped flowers embrace a great variety of the richest and most beautiful colors, ranging from pure white to dark, blood red, pink, blush, lavender, indigo blue, marbled and spotted. They bloom in four to five months from time seed is sown. Pkt., 10c.

Giant Spider Plant.

A splendid honey plant. A robust grower and a perpetual bloomer. The flowers are very showy, with long, slender stamens, single petals measuring an inch across and of bright rose color. Seeds grow freely if sown in open ground. Pkt., 5c.

New Climbing Dolichos, "Daylight," from Japan.

"DAYLIGHT" is a stronger and more rampant grower than old varieties, growing nearly to the top of the trellis before commencing to flower and having more abundant foliage. From the handsome foliage there springs out a wonderful profusion of large sprays or spikes of pure white, pea-like blossoms. Each beautiful vine is a cloud of bloom from the tip to the base. These flowers are succeeded by a multitude of creamy-white pods, three inches long and an inch or more broad, having a rich waxen appearance. The vine does not cease to blossom until cut off by the frost, and is indescribably showy when covered with the sprays of bloom and long spikes of snow-white pods. Pkt., 10c.



Heliotrope, Giant.

will please the most critical. All the best colors from deep yellow, red rose, light buff, carmine, scarlet, flesh color, creamy white tinted with rose, purple, yellow on dark ground, crimson flaked with salmon, cherry red cream on violet ground, lilac on brown ground, dark crimson to pure white, also black. If sown early in March or April the plants will bloom the first year. All colors mixed. Pkt., 10c.

Humulus Japonicus, Japanese Hop.

One of the most rapid climbers grown; seed can be sown in the open ground in 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.

Ice Plant.

A handsome and curious plant, for hanging baskets, rock work and vases. Pkt., 5c.

Lantana.

Well known shrubby plants, with clusters of verbena-like flowers, and producing their pink, yellow, orange and white heads in great abundance. They have an agreeable aromatic perfume. Mixed. Pkt., 5c.

Lobelia, Star of Ischl.

Of very dwarf, erect growth, forming dense balls of charming azure blue flowers, exceedingly ornamental for vases or hanging baskets and rockeries, blooming from June to November. Pkt., 5c.

Lavender, Old-Fashioned Sweet.

The genuine *Lavendula Vera*. Our patrons who have been enquiring about the genuine old-fashioned lavender that grew in "grandmother's garden" can now secure the true seed of this well known sweet scented, hardy perennial. Pkt., 10c.

Lavender, Spica.

The variety usually sold by seedsmen as the sweet old-fashioned. While it has a spicy fragrance, it does not compare with the genuine. Pkt., 5c.



Mignonette, Machel.

Heliotrope, Giant.

Heliotrope is a universal favorite on account of its delightful fragrance and duration of bloom, flowering equally well as bedding plants in summer, or as pot plants in the house during the winter. Seeds sown in the spring make fine plants for bedding out, and are as easily grown as Verbenas. Pkt., 10c.

Helichrysum. Everlasting.

A very popular everlasting, large, full double flowers of various colors, from bright yellow to scarlet, shaded and tipped. Handsome bouquets may be formed of them for winter, if blossoms are gathered when on the point of expanding. Pkt., 5c.

Hollyhock, Chater's Prize Double.

The perfect doubleness of the magnificent, large flower



Lantana.

Linaria, Kenilworth Ivy.

A very pretty and well known hardy perennial trailing plant, for covering rock work, and very useful for hanging baskets. The flowers are small, but pretty, and for a drooping plant nothing can be better, as it is easily grown from seed. Pkt., 5c.

Mignonette, Machel. True.

It is of dwarf and vigorous growth, with massive spikes of deliciously scented red flowers. It is one of the best varieties for all purposes, either in pots or for the garden. It is an ever-bloomer, the flowers lasting until late in the fall. Pkt., 5c.

Mignonette, Golden Queen.

Very fine variety, with flowers of golden hue and deliciously fragrant. Pkt., 5c.

Mignonette, Sweet. Reseda Odorata.

A favorite on account of its fragrance. Pkt., 3c.

Giant Mikado Morning Glories.

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, firey 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 easily 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. Pkt., 15c; 2 pkts. for 25c.

Imperial Japanese Morning Glories.

The same grade as usually sold, giving a fair proportion of semi-double and double varieties and a fine range of colors, but not, of course, as desirable as our Giant Mikado strain. Pkt., 5c.

Tall Morning Glories, Fine Mixed.

A great variety of colors of the popular old-fashioned Morning Glory. Pkt., 3c.

Marigold, Eldorado.

The flowers are from three to four inches in diameter, imbricated and perfectly double. They embrace four shades of color, the lightest primrose, lemon, golden yellow and deep orange. Pkt., 3c.

Marigold, French Mixed.

A class of showy and extremely effective plants, with fine double flowers of rich and beautiful colors. Pkt., 3c.

Marvel of Peru, Four O'Clock.

One of the most brilliant and showy plants that can be grown with little or no trouble. Pkt., 5c.

Minneapolis Vine. (*Pilogyne 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 the 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 any knowledge. Pkt., 15c; 2 pkts., 25c.

Mimulus, Monkey Flower.

Brilliantly covered flowers, blotched and spotted in every conceivable manner. Excellent for baskets or vases, and thrive in the open garden. Pkt., 5c.

Mountain Rose.

One of the most beautiful, as well as one of the rarest *hardy climbers* in existence. 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 wooded walls. Pkt., 10c.

Nicotiana Affinis.

When its large, pure white flowers are fully expanded in the evening and early morning, it has a most striking effect, and so fragrant that a small bed will perfume the whole surrounding atmosphere. Pkt., 5c.



Mountain Rose.

Northrup, King & Co., Minneapolis, Minn.



Nasturtium,

N., K. & Co.'s Imperial Dwarf Mixed.

Has no equal for constant flowering and brilliant colors. Like all our Flower Mixtures to which we give the name Imperial, this mixture embraces every desirable color, such as deep brown reds, golden orange flamed scarlet, chrome yellow veined with purplish carmine, burnished bronze color, crimson scarlet, sulphur yellow spotted deep chocolate, light straw color and delicate shades of rose, and is without question the best mixture of Dwarf Nasturtiums money can buy. It is made up especially for critical buyers that have the money to spend for the best only. Dwarf Nasturtiums now rank with Sweet Peas and Pansies as a favorite and fashionable flower. Pkt., 8c; oz., 15c.; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

N., K. & Co.'s Special Mixture of Climbing Nasturtium.

Contains all the choicest colors of the tall and climbing varieties, including the new hybrids Madame Gunther, New Tall Chameleon, and the rich and velvety Lobb varieties. The color combinations in the flowers are simply superb, a wealth of rich maroon, crimson, scarlet, magenta and claret shades, marbled and mottled, streaked and spotted and splashed with white, cream, pink and rose. 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 specially adapted for covering verandas, trellises, etc. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

Nasturtium, Dwarf "Chameleon."

This new Nasturtium is a most remarkable advance in this brilliant family. We find that in variety of colors it surpasses most other strains, and is also unique in bearing flowers of quite distinct colorings on one and the same plant—some clear, deep crimson, others blotched on light ground and others beautifully mottled. The variation of color, of course, adds greatly to its interest. The colors and color combinations are simply magnificent. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.

Nasturtium, Dwarf. Good Mixed.

A capital mixture, but does not contain the new and high priced sorts found in our "Imperial Mixture." Pkt. 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

New Climbing Nasturtium, Madame Gunther's Hybrids.

A new section obtained by artificial hybridizing, and distinguished by dark-colored foliage and flowers of a richness and variety of coloring not to be found in any of the different classes of Nasturtiums heretofore grown. Colors in these new hybrids include various shades of rose, salmon, bright red, pale yellow, etc., either self-colored or spotted, mottled, striped and margined. Large pkt., 5c; oz., 15c.

Nasturtium, Tall Chameleon.

This variety, with its very large, rich flowers in the greatest variety, is unsurpassed for training over fences and trellises, and blooms with the greatest freedom the entire season. Pkt., 8c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

Tall Nasturtium, Lobb's Climbing.

These should not be confounded with the common tall Nasturtiums, as they surpass them by far in the remarkable brilliancy of the flowers. Finest mixed. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.

Nasturtium, Tall. Good Mixed.

Free bloomer and many bright colors. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

Ornamental Grasses.

All the annual varieties mixed, many of them being really handsome in growth, and all of them desirable for winter bouquets, if cut while green and dried in the shade. Pkt., 5c.

Northrup, King & Co., Minneapolis, Minn.



Specimen Pansy from Northrup, King & Co.'s
Imperial German.

novelty of the first rank, and one that is sure to be sought after by lovers of Pansies. Pkt., 10c.

New Giant "Masterpiece" Pansy.

We have secured a limited quantity of this magnificent new Pansy, which comes nearer to DOUBLE PANSIES than anything ever introduced under that name. The flowers are of enormous size, often three inches across, the border of every petal being conspicuously crimped and curled in such a fashion that the flowers appear double, and the color variations and combinations are very odd and striking, and contains some very lovely tints of color that cannot be found in any other strain of Pansies. Pkt., 10c.

Giant President McKinley Pansy.

New; the ground color is a deep golden yellow, while each petal has a large blotch of rich dark violet, leaving a clearly defined margin of golden yellow. The plants are of dwarf, compact habit, and are free bloomers. Pkt., 10c.

Giant Bugnot Pansy.

Its flowers are of enormous size and circular form; the petals are of great substance and velvety appearance, each one bearing a large, deeply colored blotch that runs out in delicate veins to the edge; the shadings comprise tints of red, bronze and brown not found in any other mixture. Pkt., 10c.

Mammoth Butterfly Pansy.

A very distinct strain; the flowers are very large, of good form and substance, and produced freely; in coloring they are varied, seldom two alike in a hundred plants. They are mottled and spotted, streaked, tigered and splashed, while the colors are mainly those rich wine-reds, chocolate, velvety red-brown, lavender, violet and purple shades which are found only in a Pansy blossom. Pkt., 10c.

Snow Queen Pansy.

Pure satiny white, with yellow dot in center of flower, sometimes marked near center with faint blue or purple lines; altogether the least picturesque of any of the different classes of Pansies; it is very highly prized by a great many Pansy lovers for just that reason. Pkt., 5c.

Pansy, Royal Show.

A well known English mixture, containing many fine varieties. Pkt., 5c.

Black Prince Pansy.

A distinct Pansy of sterling merit; the rich, glossy black has a peculiarly soft, velvety appearance, the magnificent large flowers are of fine circular form and carried upright, well above the foliage; the plants are of very compact, bushy habit, and flower so profusely that a bed of Black Prince makes a sight seldom equalled. Pkt., 5c.

Fire King Pansy.

This novelty comes almost absolutely true, scarcely a plant bearing flowers at variance from the type, which is very distinct and striking. The three lower petals each have a large blotch of deep brown-red or magenta margined with yellow, while the upper petals are of a bright reddish brown, of a *real fiery shade*, warranting the name FIRE KING, Pkt., 5c.

Sweet Scented Pansy.

This new class is the result of crossing the Pansy (*viola tri-color*) with the Sweet Violet (*viola carnuta*); the resulting hybrids, in addition to retaining the delightful Violet perfume, produce the most beautiful Pansy-like blossoms, 2 to 2½ inches across, of great substance and of an endless variety of colors. Mixed seeds. Pkt., 5c.

Peacock Pansy.

A beautiful variety of ultramarine blue in the upper petals of the flower, edged with a thin white line, within which is a space of purplish crimson, to black, passing into a rich central blotch of deep blue, shading to black, named "Peacock" because the blending of colors resemble the feathers of a peacock. Pkt., 5c.

Pansy, Good Mixed.

An excellent strain. Fine for bedding. Many rich colors. Pkt., 5c; oz., \$1.50.

Pansy, N., K. & Co.'s Imperial German.

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 the making up of this mixture, expense is not regarded. Our aim is to possess the finest mixture of Pansies obtainable. We have never seen its equal. The diversity of colorings and markings is almost beyond belief. We will cheerfully return money paid for this mixture to anyone who says it is not the finest they ever saw. Pkt. containing 50 seeds, 10c; 100 seeds, 15c; 600 seeds, 50c; 1,000 seeds, 75c.

Pansy, N., K. & Co.'s Giant Fancy.

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 large varieties. Pkt., 10c.

New Giant Mme. Perret Pansy

is a wonder and a novelty; it is specially distinguished from all other Pansies by the plant being full and spreading, with very broad and extremely dark green leaves; the straight and stiff stems it possesses cause the flowers to stand out well from the foliage. The color of blossom ranges through all the shades of red, from a pink to a fine deep purple, with an intermediate bright red, edged with white. The face of the flower in some cases is regular in color, while in others it is lined and striped. The extraordinary size of the flowers, which reach as much as 3 to 3½ inches in diameter, make it a



N., K. & Co.'s Extra Large Flowering Petunia.

the celebrated Hays & Wetherall strain of seed, costing us at the rate of \$1,100 a pound in England. Pkt. 15c.

Primrose, New English.

Colors are beautiful. Splendid for borders. Fine for growing in beds. Pkt., 10c.

Phlox Drummondii, Grandiflora.

Large, flowering. Their richness of coloring and long duration of bloom make them a gratifying feature of any garden. Pkt., 8c.

Phlox, Starred and Fringed.

New race of Phlox. Many distinct and beautiful shades. Pkt., 5c.

Phlox, Good Mixed.

Colors are excellent, but flowers not as large as preceding. Pkt., 3c.

Phlox, Perennial.

Finest mixed. Very desirable for bedding or border. Hardy. Pkt., 10c.

Portulaca, Double Mixed.

Very showy and beautiful. Only about 70 per cent. double flowers can be expected from the finest mixtures. Pkt., 10c.

Portulaca, Single.

All colors mixed. Pkt., 5c.

Ricinus Zanzibariensis.

An entirely new class from Africa, with leaves often measuring two feet across; the seeds are marbled, speckled and spotted. Pkt., 5c.

Ricinus, Castor Oil Bean.

Many choice varieties mixed. Pkt., 3c.

Rose, Multiflora True, or New Fairy Roses.

They bloom in four months after sowing, so that seed sown in February in the house may be had in bloom in June in the open ground, where they continue to bloom throughout the season, giving about an equal proportion of single, semi-double and double flowers borne in clusters, and contain all the tints and colors of cultivated roses. One of the most unique and novel pot flowers now grown. Pkt., 10c.



Petunia,

N., K. & Co.'s Extra Large Flowering.

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, marble veined, striped, variegated, etc. Pkt., 10c.

Petunia,

N., K. & Co.'s New Fancy Fringed Double Mixed.

This mixture is notable for the rich colors and large size of flowers, which are beautifully striped, margined and spotted, as in the case of all strains of double Petunia. Not all seed will come true, but a larger proportion of this strain will come double than any other we have ever tried. Pkt., 10c.

Petunia, Snowball.

The flowers are purest snow-white, of good shape and size, sweet scented and lasting. Pkt., 5c.

Petunia, Good Mixed.

Excellent for bedding; shows many colors. Pkt., 3c.

Mexican Primrose.

It is strictly a perpetual bloomer, as it is in flower at all times of the year, a good specimen showing from ten to thirty large saucer-shaped blossoms about three inches across, superb colors and beautiful forms. As a plant for hanging basket or pot it is unexcelled. Pkt., 5c.

Primula, Double.

An excellent mixture; all colors. Pkt., 20c.

Primula, Chinese Primrose.

The colors include crimson, pink, white, maroon, and the new Holborn blue. Our stock is



White Swan Poppy.

surpassing the finest scarlet geraniums in brilliancy and continuous bloom. It is easily grown from seed, and the purchase of plants should be abandoned. Pkt., 5c.

Stock, Evening Scented.

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 or two of Evening Scented Stock with your order. You'll not regret it. Pkt., 8c.

Stock, Ten Weeks, Large Flowering.

The largest flowering globe pyramidal. Immense spikes of perfectly double flowers, ranging in colors from crimson, rose, white, blue, lilac, brown and yellow. They are greatly prized for cut flowers on account of their fragrance. Pkt., 8c.



Sweet Scented Stock.

Stock, Dwarf German.

Fine mixed; all colors. Pkt., 3c.

Stock, White Perpetual. (Princess Alice.)

The individual flowers are uncommonly large, of a fine, rosette-like shape and of the purest possible white. If sown early, will produce a great abundance of bloom from June until November. Pkt., 10c.

Sunflower, New Single. "Stella."

This beautiful new variety from Germany differs from the *Helianthus cucumerifolius* or *Miniature Sunflower*, by its larger single flowers, of circular form and purest golden yellow, each with a black disk. The flowers measure three to four inches across, and are borne gracefully upon long stems above the small, green foliage. Pkt., 5c.

Sunflower, Chrysanthemum-Flowered.

Perfectly double; the color is the brightest golden yellow. The flowers are so perfect in form that they resemble very double Chrysanthemum-flowered Asters with long stems; grows seven feet high and bears profusely all summer long. Pkt., 5c.

Poppy, N., K. & Co.'s Imperial Mixed.

Single and double. For great number of varieties, richness and diversity of coloring, this mixture is not surpassed. Pkt., 10c.

Poppy, Shirley.

The flowers are large, exceedingly graceful and elegant; the colors are pure, soft and varied, and range from blush white rose, delicate pink and carmine, through innumerable tints to bright sparkling crimson. Pkt., 5c.

New Poppy, White Swan.

One of the most effective and valuable Poppies. Flowers are of enormous size, perfect form, very double and of the purest snow white. Pkt., 5c.

Poppy, Iceland.

The colors range from the purest white and yellow to the deepest glowing orange scarlet, and have a delicious fragrance. For vase or house decorations they rank among the loveliest. Mixed colors. Pkt., 5c.

Salpiglossis.

The graceful flowers range in color from the most delicate shades of light blue and straw color to the deepest purple and richest brown and maroon. The quaint funnel-shaped flowers somewhat resemble those of the Petunia. Large flowering mixed. Pkt., 5c.

Scarlet Sage, *Salvia splendens*.

One of the grandest plants in cultivation, a bed of them



Salvia splendens. (Scarlet Sage.)



Sweet William.

flower often being as large as a twenty-five cent piece. 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. Our mixture is made up of the most brilliant colors. Large pkt., 10c.

Verbena Hybrida, Fine Mixed.

The flowers are smaller, but the colors are very fine. Large pkt., 3c.

Verbena, Pure White.

A fine strain of large flowering, pure white Hybrid Verbena; trusses large and borne freely at all times; comes true from seed. 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 over summer, that you can cut its fragrant foliage and flowers to make up with bouquets. Pkt., 5c.

Violet, Viola.

The Violet should not be wanting in any garden, on account of its fragrance and early appearance. A single flower will perfume a whole room. Finest mixed. Pkt., 5c.

Violet, Queen Charlotte.

A splendid new large flowering white variety, with flowers double the size of the original species (Viola), perfectly hardy, with a compact habit and the blooms produced on long footstalks, which enable the flowers to stand out well above the foliage. Pkt., 6c.

Wall Flower.

These are among the most deliciously fragrant of all the garden flowers. Many shades of color. Pkt., 5c.

Wild Cucumber.

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 every year and come up in the same place. Pkt., 5c; oz., 20c.

Zinnia, Giant Mammoth.

A superb new class of Zinnias, giant in size, and perfectly double flowers of richest, most varied colors and shades; plants grow 3 feet high, blooming freely during long periods; particularly valuable for groups. Choicest mixed. Pkt., 5c.

Zinnia, Choice Double Mixed.

Many choice and beautiful colors. Pkt., 3c.

Sweet William.

(*Dianthus Barbatus*.)

One of the most admired of our garden flowers, on account of its rich profusion of bloom and variety of colors, such as dark crimson, white, pink, flesh, striped, and the finest auricula-eyed varieties, deliciously sweet scented. It is of easy culture, and for clumps or borders no plant can surpass this old favorite. Single and double mixed. Pkt., 5c.

Scabiosa, Giant Black.

A new variety with elegant black-purple flowers. Pkt., 5c.

Scabiosa, Snowball.

The flowers are pure white very double. It comes quite true from seed Pkt., 5c.

Scabiosa, Mixed.

Double, all colors. Pkt., 3c.

Verbena, Mammoth.

The largest Verbena known, a single



Mammoth Flowering Verbena.



Sweet Peas, N., K. & Co.'s Imperial Mixed.

The finest mixture. The acme of richness and beauty, matchless in combinations of colors and giant sweet scented flowers. In making the claim that our Imperial is the finest mixture of Sweet Peas obtainable, we are sustained not only by our own experience, but by the testimony of a great number of delighted customers who have used this mixture for years. Like our Imperial German Pansy, 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., 15c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

Eckford's Fine Mixed.

This elegant mixture embraces the introductions, including 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., 3c; oz., 8c; $\frac{1}{4}$ lb., 15c; lb., 50c.

N., K. & Co.'s Good Mixed.

This is a most excellent mixture, embracing the best standard varieties in all colors. Oz., 6c; $\frac{1}{4}$ lb., 10c; lb., 35c.

Pink and White Varieties Mixed.

This mixture does not include any of the pure white varieties, only white in combination with pink. Pkt., 3c; oz., 8c; $\frac{1}{4}$ lb., 15c; lb., 50c, postpaid.

Dark Varieties Mixed.

Includes only the darkest shades of colors. Pkt., 5c; oz., 8c; $\frac{1}{4}$ lb., 50c, postpaid.

New Double Sweet Peas.

Double Sweet Peas are of incomparable beauty. The plants are of extremely robust growth, producing a lavish profusion of richly fragrant flowers; the flowers are extra large, frequently measuring two inches across. They will not all come double, but if the plants are grown strong and luxuriant they usually produce from twenty to forty per cent. of double blossoms. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., \$1.00.

Dwarf Cupid Sweet Peas.

Grows only five to eight inches high and continue to flower much later in the season than the tall varieties. Our mixture contains the pink and white cupids and a fair proportion of the latest colors. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 75c.

The Best Named Varieties of Sweet Peas.

The increasing popularity of Sweet Peas has stimulated the introduction of new varieties to such an extent that the list has become very confusing; in fact, many sorts are identical and hardly to be distinguished from one another by the most proficient expert. We consider that the following list of 30 varieties comprises all the really distinct sorts introduced to date. We offer them at the uniform price of 3c a pkt.; oz., 8c; $\frac{1}{4}$ lb., 15c; lb., 50c, except where otherwise noted:

- Adonis.** Deep rose and glowing carmine.
- Alice Eckford.** Rich, cream tinted standard, white wings.
- Apple Blossom.** Standard rose pink; wings lightly blushed.
- Aurora.** Rich, bright orange, striped and flaked on a white ground.
- Blanche Burpee.** Pure white.
- Blushing Beauty.** Rich, delicate blush pink.
- Captain of the Blues.** Large flowering, purple and pale blue.
- Celestial.** Delicate lavender, bordering on light blue.
- Countess of Radnor.** Delicate lavender.
- Crown Jewel.** Primrose brown, veined with violet rose.
- Daybreak.** Watered crimson and scarlet on white ground.
- Emily Henderson.** Pure white, flowers good size.
- Extra Early Blanche Ferry.** The most popular of the pink and white varieties; fully ten days earlier than Blanche Ferry.
- Golden Gleam.** Deep primrose yellow; large flowered.
- Golden Gate.** Pinkish mauve and lavender, upright wings.
- Her Majesty.** Beautiful soft rose pink.
- Katherine Tracy.** Brilliant pink.
- Lady Beaconsfield.** Standards, salmon pink; wings, primrose yellow.
- Lottie Eckford.** White, lightly edged with blue.
- Mars.** Bright crimson of intense color.
- Navy Blue.** The only Sweet Pea that is true blue in color. This is a distinct color, not a tint, and a great acquisition to the list. There is no other Sweet Pea approaching this in color. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c; lb., 80c.
- New Countess.** Pure light lavender; an improvement on Countess of Radnor. We consider the New Countess the most beautiful Sweet Pea in existence

Novelty. Standard, bright orange rose; wings light mauve.

Peach Blossom. Salmon pink standards; wings soft pink.

Primrose. Pale primrose yellow, very distinct in color.

Saidee Burpee. One of Eckford's new sorts. Pure pearly white. This fine new variety received the first-class award of the Royal Horticultural Society of England. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

Salopian. The most perfect deep crimson sort; holds its color well and does not turn dark, as do some other crimson sorts.

Senator. Bright brown and chocolate, shaded and striped on white.

Shahzada. Rich dark maroon, with a shade of purple. Pkt., 3c; oz., 5c; $\frac{1}{4}$ lb., 15c; lb., 50c.

Stella Morse. An interesting variety with long stems. Blossom opens with a suggestion of yellow, which becomes lighter as flower grows older. The third day it is delicate primrose, the whole effect being a creamy yellow. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.



Dwarf Cupid Sweet Pea.

Northrup, King & Co., Minneapolis, Minn.

THE LAWN, N., K. & Co.'s PRIMER NO. 3, TELLS HOW TO BUILD NEW LAWNS, HOW TO REPAIR OLD LAWNS, HOW TO KEEP LAWNS GREEN.

Northrup, King & Co.'s

"STERLING" LAWN SEED.

ANALYZED AS TO PURITY. TESTED AS TO GERMINATION.

Absolutely the Best Lawn Seed that Experience can Suggest, or that Money can Buy.

N., K. & CO.'S STERLING LAWN GRASS. We prepare three grades of Lawn Grass Seed, which are kept constantly in stock. The best of these mixtures is N., K. & Co.'s Sterling Lawn Grass, which has been used with the greatest success on thousands of lawns. This mixture is composed of a number of varieties best adapted to the purpose. Some of the grasses are early, others medium, and still others late. By this means, as soon as one variety has ceased to be at its best, others are ready to take its place. Another important point is that by the use of many grasses, a much heavier sward is obtained than is possible with any two or three sorts, as no matter how much of one kind of seed may be sown on a given space, it will only support so many plants. If another variety, however, is sown in connection with it, a largely additional number of plants can be maintained, as they thrive on different elements in the soil. This mixture is unequalled for tennis and croquet grounds. Our Sterling, qt., by mail, postpaid, 35c; qt., by express or freight, 25c; peck, \$1.15; bu., \$4.00, bags included. In 5 bu. lots, \$3.75 per bu.

N., K. & CO.'S PARK MIXTURE. This is a fine mixture, the grasses used in its combination being equally as good as those in the Sterling Lawn Mixture, but not containing as many varieties or some of the higher priced sorts used in the Sterling Mixture. It has given excellent satisfaction, and we commend it to those not wishing as expensive a mixture as the Sterling. Qt., by mail, postpaid, 25c; qt., by express, 15c; peck, 90c; bu., \$3.00.

N., K. & CO.'S LAWN GRASS. Good Mixed. Where a fine lawn is wanted, we always recommend that the best seed be used. There are places, however, that are not conspicuous and where all that is desired is a good healthy growth of grass, where a cheaper mixture will answer every purpose. No better lawn grass for the money can be obtained than our Good Mixed. Qt., by mail, postpaid, 20c; qt., by express, 10c; peck, 60c; bu., \$2.00.

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. (See page 78.)

QUANTITY 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 quart for 300 square feet; four to six bushels for an acre.

OFFICE OF

BOARD OF PARK COMMISSIONERS,
MINNEAPOLIS, MINN.

NORTHROP, KING & Co., Minneapolis.

Gentlemen:—During the past twelve years, in which I have been Superintendent of Parks of 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**. Yours very truly, W. M. BERRY, Supt.

The above statement from Mr. Wm. M. Berry, for the past twelve years Superintendent of Parks of Minneapolis; and for fifteen years immediately preceding, Superintendent of South Park, Chicago, is a notable one, coming as it does from one of the most widely known and experienced park superintendents in the United States, and covering, as it does, twelve years continuous use of our Lawn Grass Mixtures in large quantities.



Mr. W. M. Berry,
Superintendent of Parks,
Minneapolis.

STRANGERS visiting Minneapolis almost invariably comment on the **BEAUTY OF ITS LAWNS**, both in the public parks and about the private homes. In a very large degree their fine appearance can be justly attributed to the uniform excellence of **OUR LAWN GRASS SEED**. The following letters show what **MINNEAPOLIS** people think of our Lawn Seed:

NORTHROP, KING & Co., Minneapolis,

Gentlemen: My lawn at Highcroft consists of about eight acres, and was seeded with your *Sterling Lawn Grass Mixture*. It is a *beautiful lawn*, entirely satisfactory to me, and much admired by those who see it.

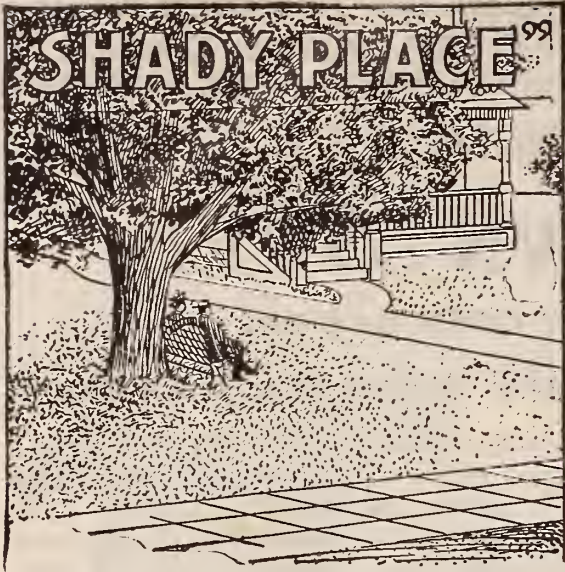
Yours very truly,
FRANK H. PEAVEY.

NORTHROP, KING & Co., Minneapolis,

Gentlemen: In building the new lawn about my house last Spring, I used 21 bushels of your *Sterling Lawn Seed*, and the results were most satisfactory. I also used 25 bushels of your *Permanent Pasture Mixture*. The benefit of using these mixtures is very apparent.

CLINTON MORRISON.

Northrup, King & Co., Minneapolis, Minn.



N. K. & Co.'s Shady Place Mixture.

N., K. & CO.'S TERRACE MIXTURE. The secret of keeping terraces in good order is to get a good sod established, and not cut the grass too closely. Our "Terrace" Mixture is made up of rapid spreading, deep rooting grasses, which may be used either in combination with a regular lawn grass mixture, or scattered over the terraces to strengthen and supplement the grasses already established. Price, qt., 45c, postpaid. By freight or express, qt., 35c; peck, \$1.25; bu., \$4.00.

The accompanying illustration shows the Minneapolis Exposition building, the grounds in front being terraced to the street. The first year it opened, the management were anxious to have the grounds look as well as possible, but were in a quandary as to the terraces. We furnished them with our Terrace Mixture six weeks before the Exposition opened, with the result that on that day the terraces looked as though they had been established for several years.

THE LAWN (N., K. & Co.'s Primer No. 3) sent Free with every order for lawn seed, if requested.

IS YOUR LAWN FADING? ARE THE GRASSES DYING?

If so, Do not Disfigure Your Lawn, Offend Your Senses, or Fill Your Ground with Weed Seeds by using Stable Manure, but apply **EXCELSIOR LAWN DRESSING. EASILY APPLIED. NON-ODOROUS.**

N., K. & CO.'S EXCELSIOR LAWN DRESSING

Is a fertilizer especially prepared for Lawns. It possesses in the highest degree and concentrated form those constituents best calculated to Nourish the Grass, promote its Luxuriant Growth and the Dark Green Color so greatly admired. It is not only the Most Perfect Lawn Dressing that has been devised, but it is the most pleasant to handle, being Non-Odorless, so that its liberal use on a lawn cannot be detected by any unpleasant odor. Being dry and fine it is easy to apply, and imparts such a Vigorous Growth to the grass that two or three applications during the season at the rate of one pound to each 100 square feet of lawn keeps the grass in flourishing condition throughout the season and enables it to withstand the effect of the hot summer sun. We prepare but one kind of Lawn Dressing. This we do not believe can be excelled. It is put up in bags containing our brand. By express or freight, bag of 10 pounds, 75c; 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.50.

How to Apply the Excelsior Lawn Dressing.

The first application should be made early in the spring, as soon as the frost is out of the ground. Care should be taken to scatter it evenly over the lawn, sowing it by hand. The first application should be made at the rate of 10 to 15 pounds fertilizer to every 1,000 square feet of lawn surface. If at any time afterwards it be noticed that the lawn is thin and light colored in spots, a further application of Fertilizer will speedily restore its color. The fertilizer works best if applied just before a rain. If applied, however, when the weather is hot and dry, the application should be made early in the morning or late in the evening, and the lawn wet down freely immediately afterwards. In seeding down a new lawn, apply broadcast, double the amount above mentioned, and rake it in thoroughly before sowing the seed.

The Use of Excelsior Lawn Dressing on Flowers.

By its judicious use, the health, vigor and free blossoming character of flowers will be greatly enhanced. The result of its use on flower beds is quickly seen by the dark green leaves and high color of blooms produced. To fertilize bedding plants, stir a teaspoonful, or more, according to the size of the plant, into the soil about each plant, and repeat two or three times during the season. After the fertilizer is used, water the plants freely.

FOR HOUSE PLANTS. Dissolve one teaspoonful of Fertilizer in one quart of water, and use the solution freely around the plants, stirring the solution while applying. It may be applied as often as the plant seems to require it; once every week or ten days, until they are in the desired condition.



Minneapolis Exposition Building



Root of Grass Showing need of Fertilizer.



Root of Grass showing the effect of using Excelsior Lawn Dressing.

Garden Drills and Cultivators

LOW IN PRICE. PERFECT IN OPERATION. UNQUALIFIEDLY GUARANTEED.



No. 3—Single Wheel Cultivator with 5 teeth, 2 hoes, delivered to R. R. in Minneapolis, for - \$3.00

FOR several years past the manufacturers of all the leading and best known makes of Garden Tools have fixed the price at which they should be sold, and refused to sell anyone who would not agree to maintain the prices established by them.

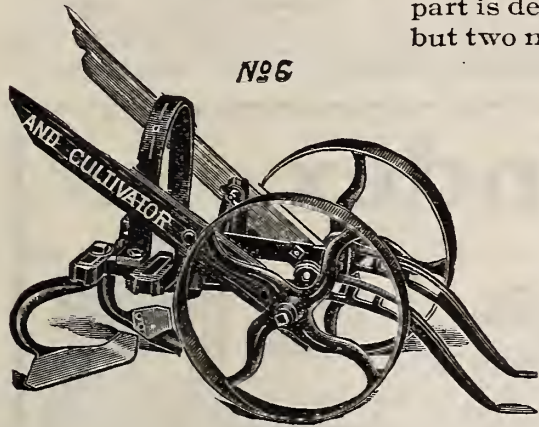
Two years ago we secured a new line of Garden Drills and Cultivators, which we offered under a guarantee made by the manufacturers, the Bacon Mfg. Co., that they would be found perfectly satisfactory to our customers, and being unhampered by agreement, we were able to offer them at about **ONE-HALF THE PRICE** of other similar tools. We sold a large number of these tools, and to the complete satisfaction of every purchaser. We offer them this year with renewed confidence that they will not only be found equal in every particular to those of any other make, but to possess some important features which render them in some ways the **BEST GARDEN TOOLS ON THE MARKET.**

THESE DRILLS are showing exceptionally fine sowing qualities, weigh but thirty-three pounds, and are very light running. By placing the large drive wheel behind, in pushing, the weight of the arm and drill are thrown upon it, insures a regular movement of the feed and materially lightens the work. The feed, which is entirely new, is not a modification of any in use, is simple, durable, easily adjusted, has no brushes, rubber or wire parts to wear and get out of order. Is of iron, and from its peculiar construction, handles the most delicate seeds without bruising or breaking. Can be varied to any amount, sowing evenly to the last seed.

In sowing Parsnip, Carrot, Beet, Salsify, Wrinkled Pea, Smooth and Prickly Spinach, Corn, Beans, etc., it has no equal.

All drills have the cultivator frame attachment, so that persons having the drill and wishing a cultivator need to purchase only such tools as wanted. The handles and cultivator frame are the same in the drill as in the single and double wheel cultivator, the difference in cultivator being only in variety of tools and number of wheels, so that any cultivator may be used as a one or two-wheel cultivator, working between or on both sides of a row, by using either one or two wheels. The variety of tools comprise all that are of practical use.

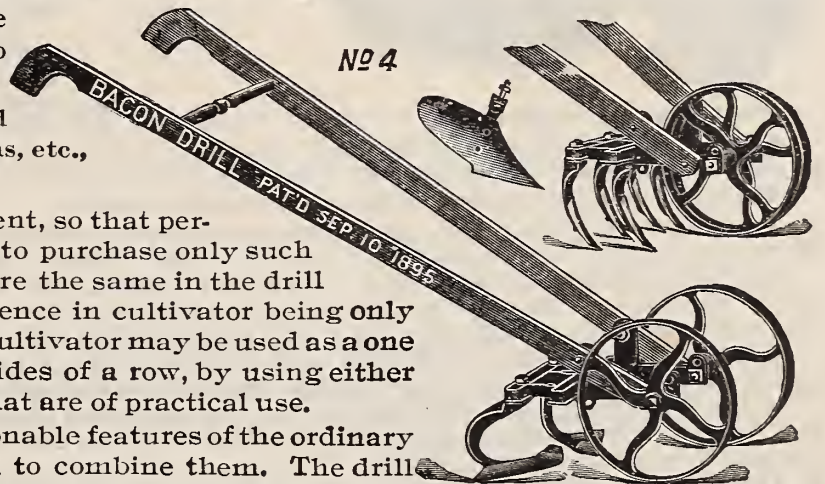
As a combined drill they have none of the objectionable features of the ordinary drill of this class—the parts requiring no modification to combine them. The drill part is detached from the cultivator by the removal of but two nuts. We call attention to certain peculiarities



No. 6—Double Wheel Expansion Arch Cultivator with 6 teeth, 2 hoes, 1 plow. Delivered to R. R., Minneapolis for \$6.00

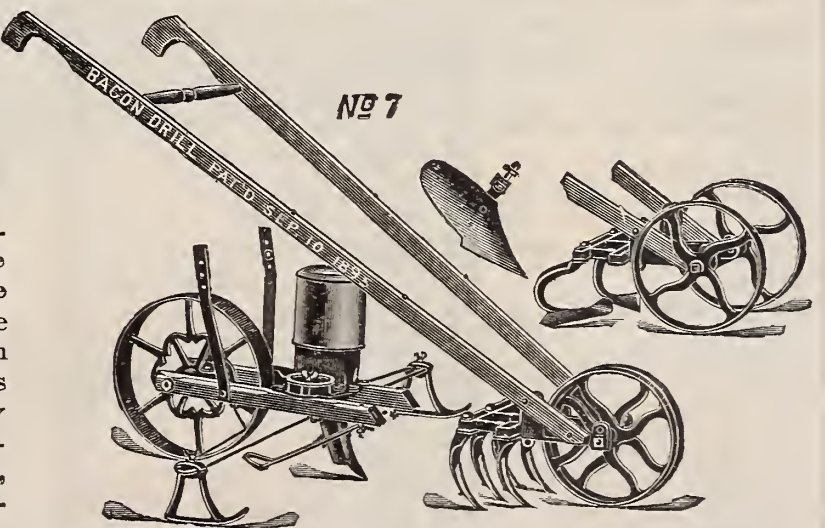
of the standard feed, to which the Bacon differs. The standard feeds either a plate with different holes or a hole which can be varied in size, or revolving holes or pockets, while adapted to certain seeds, lack the element of universality, which is an essential feature in garden drills, and is especially noticeable in sowing beets, parsnips, salsify, etc., which require a very large passage, and in adjusting is done by using a smaller hole or pocket, causing a slight clogging, which either bunches the seed or gives a row with short vacant spaces.

The Bacon feed, in a very simple combination, not only gives holes or passages suitable to the various seeds, but also the property of varying the passages in a manner not found in any other drill. The passage is always the same diameter and of proper size to give free passage to the most difficult seeds. The variation of seeds being accomplished by a variation of position of certain parts of the passage. This gives better results in easily handled seeds and is absolutely necessary in handling successfully such seeds as parsnip, beet, carrot, salsify, prickly spinach, wrinkled pea, etc. This feature, peculiar to this drill, makes it universally successful in handling all seeds.



No 4

No. 4—Combined Double and Single Wheel Cultivator, with 5 teeth, 2 hoes, 1 plow. (Flat frame not arched.) Delivered to R. R. in Minneapolis, \$5.00



No 7

No. 7—Drill with Combination Cultivator, with 5 teeth, 2 hoes, 1 plow. Delivered to R. R. in Minneapolis for - \$8.00

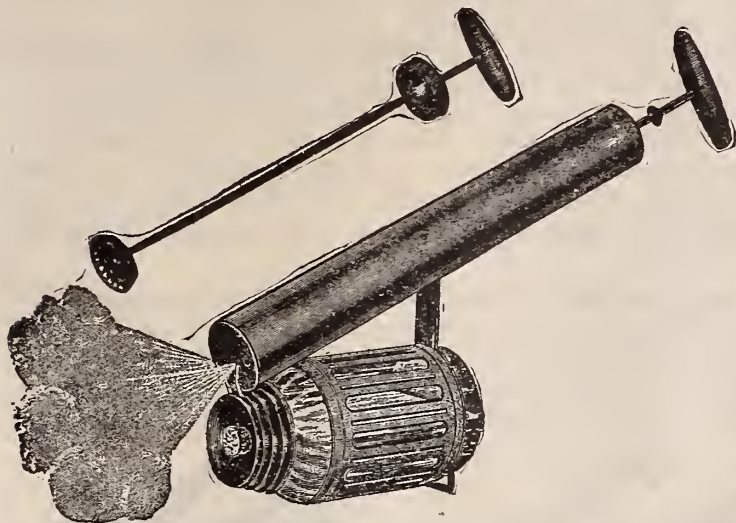
WE also handle the well known PLANET, JR., and MATTHEWS TOOLS. Write for Prices on these; also for any other GARDEN TOOLS wanted, GRASS SEEDERS, ROOT CUTTERS, etc. We are sole State Agents for the celebrated PRAIRIE STATE INCUBATOR. Write us for their new catalogue.

NEW
DOUBLE
TUBE

INSECT EXTERMINATOR

FOR 1902.

They Exterminate Every Insect Obnoxious to Yourself, Your Animals or Your Crops.



Within the past few seasons it has been discovered and thoroughly proven that the proper way to apply insecticides is with a sprayer or atomizer; not only for economy of material, but that the work is performed far more effectively, as the spray will penetrate where the liquid cannot be applied direct.

During the last two seasons there has been an enormous demand for Sprayers. This has led to the construction of many Sprayers or Atomizers, some of which are good, some poor. We have carefully examined every well known sprayer now on the market, as we wish to handle the best only. Our choice rested on the kinds herein offered, all Double Tube except where noted. The Double Tube sprayers have double the capacity of any other sprayer made, covering a radius of 2½ feet, and producing two large sprays at one operation. They use less Paris Green and water than any other machine in existence, on account of the spray being so fine. Not a drop of the water is wasted. A tablespoonful of Paris Green and two quarts of water is sufficient for 2,000 hills of potatoes.

NEW PERFECTION DOUBLE TUBE.—With Glass Reservoir. (See cut.) This we regard as the best of all sprayers, as it has a detachable glass reservoir. Its points of superiority are as follows:

First—The operator can at all times see the ingredients mixing and just how they are working.

Second—The glass reservoir being oblong, a "turning motion" is given while the sprayer is being used. This mixes the ingredients and will not allow the Paris Green to settle.

Third—The glass reservoir cannot corrode or rust.

Fourth—The glass reservoir is nothing more nor less than a Mason quart fruit jar, which screws into the cap. Should it break, it can readily be replaced without loss of time and at a trifling expense. Price, each, 90c.

DOUBLE TUBE LIGHTNING EXTERMINATOR, No. 2. We have these made in two styles, viz: Galvanized Iron. Each, 65c. This sprayer has galvanized iron reservoir; the air chamber is made of heavy plate tin and is lacquered Copper. Each, 80c. Reservoir is coppered, and the entire machine is copper plated.

DOUBLE TUBE MINNEHAHA SPRAYER, No. 9. The tank is of large capacity, and made with a top like a milk can, which lifts off, enabling the operator to fill the reservoir instantly. Each, 60c.

No. 1 LIGHTNING ATOMIZER. This is a Single Tube Sprayer, low in price, yet effective and durable. It has detachable reservoir, enameled inside and out to prevent rusting. It is thoroughly practical and has given satisfaction to thousands. Each, 45c.

Our price on all Sprayers includes boxing and delivery to express or freight office at Minneapolis, purchaser to pay transportation charges. Where seeds are to be sent at 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.

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Garden Tools, Poultry Supplies, Fertilizers, Etc. Write for our SPECIAL PRICE LIST of Planet, Jr., and Matthews Drills, Cultivators, Poultry Food, Incubators, etc. It is mailed Free on Application.

mills depend entirely on the quality of the grain and foreign matter from grain before it enters the air shaft, and are so arranged as to be in plain view and of easy access to the operator while the machine is in operation.

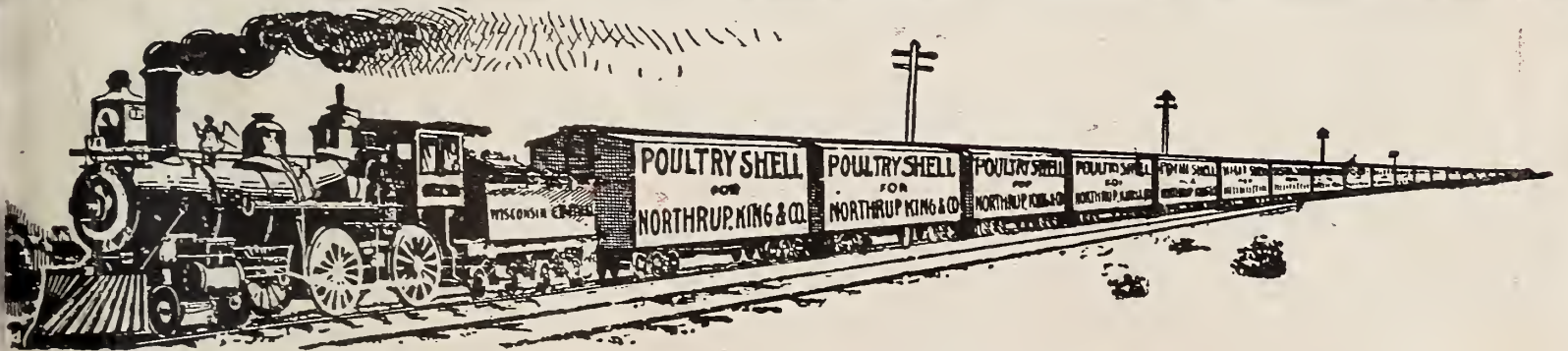
Our Special Price on the No. 1 Clipper Mill, \$20.00, f. o. b., Minneapolis.

The rest of our story about the Clipper Mill is a short one but very much to the point.

We absolutely guarantee it to excel all other grain and seed cleaners in the work it accomplishes, AND ANY MACHINE NOT FOUND SATISFACTORY, AFTER THIRTY DAYS' TRIAL, MAY BE RETURNED AT OUR EXPENSE.

NORTHRUP, KING & CO., Sole Northwestern Agents for "CLIPPER" **Minneapolis, Minn.**

A Train Load of Northrup, King, & Co.'s New Process Poultry Shell



SOME one has figured out that the American hen produced last year 13,000,000,000 eggs. In producing this crop the hens produced also 13,000,000,000 cackles, to say nothing of the hoarse and enthusiastic crow let out by the roosters. These sounds, taken together, would drown the roar of 100 Niagaras.

Your Fowls Need Shell. Once you learn what it does for your poultry you would not be without it for ten times the cost.

Advantages Gained by Use of Poultry Shell.

- It acts as grit and prevents "cholera."
- It helps the fowl to grind its food.
- It keeps poultry healthy.
- It makes hens lay an egg per day.
- It prevents soft shell eggs.
- It makes the egg shell strong enough to carry without breaking. (egg.)
- It contains many essential components of the
- It makes eggs larger and heavier.

It Makes Hens Lay. The most frequent cause of hens not laying is the absence in the food of Carbonate of Lime. As this shell is practically pure Carbonate of Lime, it supplies, when fed to poultry, this most essential element, and greatly aids in the formation of the egg.

It Makes Bone Quickly. Young chicks grow faster than they develop bone; to make bone requires time; therefore, the more Oyster Shell fed to chicks the faster their bones develop and the earlier capons and broilers are ready for market. It causes hens to start laying earlier, and keeps them laying regularly.

Every Poultry house or yard should have a pan or trough full of Poultry Shell, so that the fowl can have access to them at all times.

LOOK AT OUR PRICES. Our shell is put up in 100 lb. bags. 100 lbs. for 65c; 500 lbs. for \$3.00. Bags free.



SPELTZ OR EMMER

The Wonderful
Grain from Russia



A VALUABLE NEW GRAIN FROM RUSSIA IT THRIVES

On POOR LANDS, STONY GROUND, FOREST
REGIONS, OPEN PRAIRIES, and in DROUTHY
SECTIONS.

It STANDS UP well, it does not RUST OR
SMUT. It OUT YIELDS all OTHER GRAINS.


AS FEED

IT EQUALS OATS or BARLEY, and is READILY
EATEN by ALL KINDS OF STOCK.

Drill 3 bushels of seed to the acre.

Price per bushel of 40 lbs., \$1.00. 3 bushels for
\$2.70. 6 bushels for \$4.80 10 bushels for \$7.50.
BAGS FREE. For further particulars, see page 11.

N-K & CO'S MINNESOTA RED GLOBE ONION.



For Purity of Stock, Perfection of
Shape, for Earliness, Productive
ness and Beauty of Color, this
Onion HAS NO EQUAL.

For description see page 47. Price
large packet, 10c; ounce, 25c; one
fourth lb., 60c; one lb., \$2.25.

Messrs. Northrup, King & Co.,
Minneapolis, Minn.

GENTLEMEN I have been in business at Me
dota for over twenty years. For fourteen
years of that time I have made a specialty
buying and shipping onions and potatoe
During my entire experience I have nev
seen any stock of Red Globe Onions as go
as the Minnesota Red Globe There is ea
year grown in my immediate vicinity abo
70,000 bushels of onions. The gardeners fro
whom I buy have tried seed from every prom
nent seed house in the United States, but the
is no seed that touches your Minnesota Re
Globe for productiveness, for earliness, fo
weight, for shape, and for long keeping qualities
I pay 25c more per 100 lbs. regularly for onion
grown from your Minnesota Red Globe seed tha
for any others. Last year gardeners who sowed you
seed realized from 100 to 200 bushels more to the acre
than from other seed. In all my experience I hav
never seen the equal of this splendid strain of Red
Globe Onion.

Yours very truly,
E. BERNIER.
Mendota, Minn., Oct. 23, 1901.