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NK

1903

# STERLING SEEDS



N.K.&Co's MINNESOTA RED GLOBE ONION.  
(GLOBE WETHERSFIELD)

(Sold only in our sealed packages.)

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., 10 cents; oz. 25 cents; ¼ lb., 60 cents; 1 lb., \$2.25.

(See page 54)



N.K.&Co's STERLING LETTUCE.

(Sold only in sealed packets)

This grand new Lettuce delights all who grow it. The outer leaves are of a beautiful green, changing toward the center of the head to a rich golden yellow. It is very sweet and crisp and of such beautiful appearance and superior quality, as to cause universal remark. For salads it is unequalled. For further particulars see page 50.

Prices: Packet, 10 cents; oz., 20 cents; ¼ lb., 60 cents; 1 lb., \$2.00, postpaid.

# NORTHROP, KING & Co

Seedsmen, MINNEAPOLIS, MINN.

# SEED WAREHOUSES



MAIN WAREHOUSE AND OFFICE,  
Corner Hennepin Ave. and First St.



WAREHOUSE, No. 2

OF

# NORTHROP, KING & Co

Minneapolis, Minn.







# To Seed Buyers



**T**HERE 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 at any price.**

**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.

**NORTHRUP, KING & CO., Seedsmen, MINNEAPOLIS, MINN.**

## How to Order and Send Money

### You are Safe in Sending Money

WE are mailing a very large edition of this catalogue. It goes to all parts of the United States and to several foreign countries. It will reach thousands of people who have never traded with us, or possibly even heard of us, and they will, of course, know nothing of our business or financial responsibility.

To such we would say: *You are entirely safe in sending your money to us.* Ask your banker to look us up in the Commercial Agency Reports, or if you prefer, write (enclosing stamp for reply, to the Minnesota State Experiment Farm, St. Anthony Park, Minnesota, any bank, wholesale house or express company in Minneapolis, or to the postmaster of this city.

We *guarantee* safe arrival of all seeds sent by mail.

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

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

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

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

### 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. 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. Deduct 3 cts per pound from **postpaid prices** on seeds ordered sent by Express or Freight, 7c per pint, 15c per quart from **postpaid prices** on Beans and Peas, 5c per pint, 10c per quart from **postpaid prices** on Corn. **This applies ONLY to seeds** quoted by the  $\frac{1}{4}$ ,  $\frac{1}{2}$  lb., 1 lb., pint and quart, or where otherwise noted. On everything quoted by the peck, bushel or 100 lbs., purchaser in every instance is to pay transportation charges. When possible, give full shipping instructions. In the absence of these particulars we will use our best judgment. No charges for boxes, bags, or cartage on seeds bought at prices herein.

### 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 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 postoffice address is lacking. It is, of course, impossible to fill these orders until they are identified.

### How to Send Money

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

# Freight Rates Reduced One-Half!

FROM MINNEAPOLIS TO THE NORTHWEST

ON

## Grass Seeds, Glover Seeds, Millet Seed and Rape Seed

WE  
DID  
IT



THE FOLLOWING LETTER EXPLAINS ITSELF.

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

GENTLEMEN: On January 1st, 1903, 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 Seed, whether in car or less than car lots, from Minneapolis to points above mentioned, subject, however, to a minimum charge of 15 cents per 100 lbs. in less than car lots, and 10 cents per hundred 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 30, 1903.

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.

## HALF RATES ... FROM ... MINNEAPOLIS on Seed Wheat, Barley, Rye and Flax.

The Northern Pacific, Great Northern, "Soo" and several of the other railroads running out of Minneapolis, during the months of February, March, April and May of each year, give one-half the regular tariff rates on Wheat, Rye, Barley and Flax Seed in any quantity for seeding purposes, from Minneapolis to any station on their line except terminal points. We will see that in all instances, shipments of Seed Grain ordered from us are made so as to receive the benefit of these reduced rates wherever they are operative.

THIS is the fifth year of the "HALF RATES" on Grass Seeds, etc., 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 CLOWERS 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 "STERLING" SEEDS.,

NORTHRUP, KING & CO.,

Seedsmen, 26, 28, 30 and 32 Hennepin Ave.,  
MINNEAPOLIS, MINN.

January 1, 1903.



# OUR FREE PREMIUMS

**W**ITH orders for Vegetable or Flower Seeds amounting to \$1.00 or over, customers may make their own choice of these three 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, 1903.

## Field Seed, Premium No. 1.

Try these on your land. They may revolutionize your farming.

- 1 Pkt. Turkestan Alfalfa, . . . value, 10c  
(The Hardy Alfalfa.)
- 1 Pkt. White Hulless Barley, . . . value, 10c  
(The Handsomest Grain in the World.)
- 1 Pkt. Soja Bean, . . . . . value, 10c  
(The Richest Known Vegetable Substance.)
- 1 Pkt. Slender Wheat Grass, . . . value, 10c  
(Resists Drouth and Frost.)
- 1 Pkt. Thousand Headed Kale, . . . value, 10c  
(The New Pasture Plant.)

## Vegetable Seed, Premium No. 2

Once tried, you will not want to be without them.

- 1 Pkt. Daylight Cabbage, (earliest) - value, 10c  
(Firm, Hard Head.)
- 1 Pkt. Radish, Triumph, . . . . . value, 10c  
(Beautifully Mottled, Scarlet and White.)
- 1 Pkt. Onion, Bermuda, . . . . . value, 10c  
(Mild and Sweet.)
- 1 Pkt. Tomato, Plymouth Rock, . . . value, 10c  
(Solid, Delicious.)
- 1 Pkt. Sweet Corn, Portland, . . . value, 10c  
(A Very Sweet, Sweet Corn.)

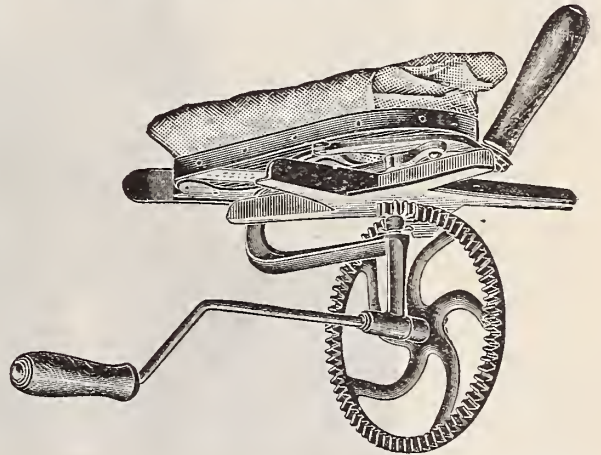
## Flower Seed, Premium No. 3

A Rare Offer.

- 1 Pkt. Bridal Veil, . . . . . value, 10c  
(Hardy. Invaluable for Boquets.)
- 1 Pkt. Wild Cucumber, (climber), . . . value, 10c  
(Rapid Grower. Hardy.)
- 1 Pkt. Evening Scented Stock, . . . value, 10c  
(Exhales a Most Delicious Perfume.)
- 1 Pkt. Poppy, Giant Puff Ball, . . . value, 10c  
(Showy and Beautiful.)
- 1 Pkt. Sweet Peas, Dwarf Cupid, . . . value, 10c  
(6 to 8 in. high. Showy, Many Colors.)

## Special Grass and Clover Seed Premium No. 4.

N., K. & CO.'S  
Sterling Seed Sower.



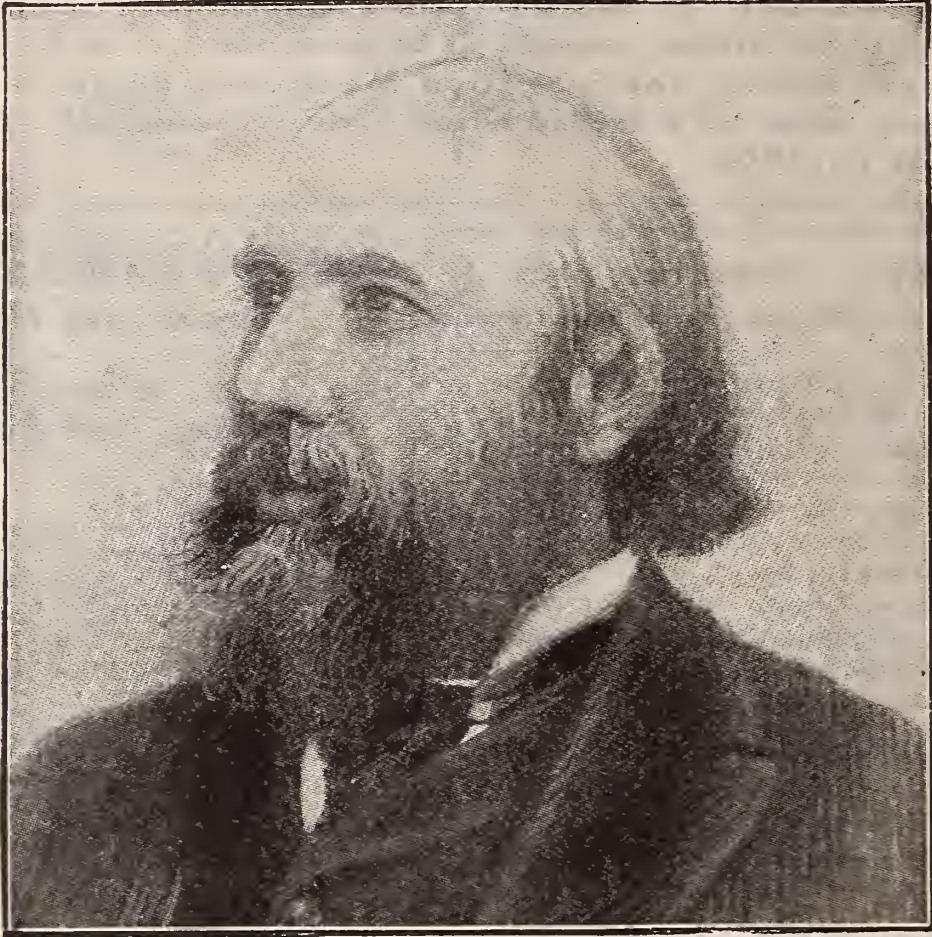
To those who order from this catalogue our Sterling grades of Grass or Clover Seeds to the amount of \$10.00, we will send (if asked for on the order, not otherwise) one of our new **Sterling Broadcast Seed Sowers.**

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.

# PERFECTED FARM SEEDS

FROM THE

## WORLD'S GOLDEN GRAIN BELT.



MR. JAMES J. HILL.

*It is well understood that the farther north either animal or vegetable life is developed, the better that development is.*

J. J. HILL.

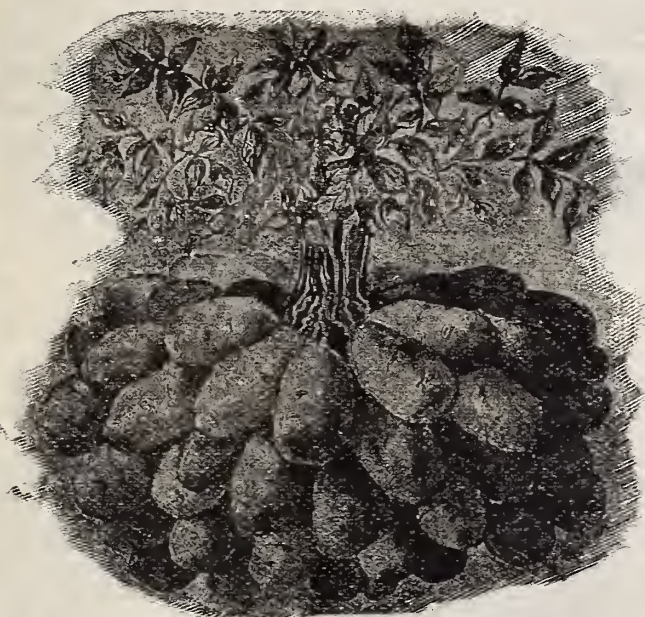
The truth expressed in the above quotation has long been recognized by all authorities, but coming from such a man as Mr. Hill, the words contain a special meaning on which it may be profitable to dwell for a moment. Of all men prominently before the public he seems to possess in profoundest degree the faculty of penetrating to the very bottom of a proposition, ascertaining the vital point on which business success will rest, and then he confidently and successfully builds upon that foundation.

When he put the Great Northern Railway through to the Pacific Coast, he figured that if he built a shorter line, with easier grades than the other trans-continental roads, he could haul freight at a profit while other railroads were handling it at a less profit or at a loss.—Largely a question of grade. In establishing a line of steamers from Seattle to the Orient, he figures that he can carry freight at less cost than the San Francisco steamers, because his coal supply will be cheaper.—Largely a question of coal. And so, in farming and gardening, if seeds grown in the North are better than others, is not the question of your crop **LARGELY A QUESTION OF SEEDS? BUY NORTHERN GROWN SEEDS.**

# SEED POTATOES

**"Whither Are We Drifting."**

**What We May Expect From a Seed Catalogue of 1910.**



## The Wonderful New BUNCO Potato.

This is under any and all circumstances, the most productive potato on this or any other earth; but when grown under our new method, by which all danger of drouth is obviated, an anaplerotic crop is assured to each and every purchaser. This method is very simple indeed, but was discovered by us only after exhaustive experiment and the expenditure of several million dollars. We now give this method **FREE to the world**; as to benefit our **FELLOW FARMERS** is our mission.

Plant the **New Bunco Potato** in rows six feet apart. Between each row, sow seed of our **New Niobe Onion**. During dry weather the Onion becomes so strong that it brings tears to the eyes of the potatoes (which are extremely susceptible) in sufficient density to keep the ground in a thoroughly moist condition.

Price of the **New Bunco Potato**, \$10.00 per bushel; 2 bushels for \$25.00; 10 bushels for \$200.00.

With each bushel of potatoes we give **FREE** one-half pound of seed of our **New NIobe Onion**, the only Onion sufficiently strong to force enough tears to secure the desired result. Send orders to **ADAM BLOWHARD**, Tagal Island, P. I.

## EXTRA EARLY TRIUMPH.—(Bliss.)

This variety has been known for a long time, and yet "unknown." It was introduced many years ago by Mr. B. K. Bliss of New York, who disseminated the Early Rose. The Triumph attained at the time no particular favor, but all of a sudden its virtues became appreciated and the demand for it was so great, that it sold readily in carload lots for three times the price of ordinary seed potatoes, and one man who held several thousand bushels reaped a substantial fortune from their sale. There is good reason why the Triumph should be popular. It is from seven to ten days earlier than the Ohio, and that oftentimes means a difference of many dollars in the crop. We believe that potato growers will do well to plant liberally of them the coming spring as there is sure to be an almost unlimited demand for the seed from the Mississippi Valley where thousands upon thousands of acres of potatoes are grown each year for the early market. The illustration is from a photograph of an average specimen. The potato is of good size, squared at ends. Skin is red, flesh is very white and firm. It is productive, and for several years to come, will probably command a higher price among potato buyers than any other sort. Our stock is genuine. Price, 100 eyes, by mail postpaid \$1.00. By freight, peck, 50c; bu., \$1.25; bbl., (3 bu.) \$3.25; in 10 bbl. lots, @ \$3.00.

*That is, indeed, a two-fold knowledge, which profits alike by the Folly of the foolish, and the Wisdom of the wise.* —COLTON.

## Be Wise in Buying Seed Potatoes.

There is nothing sold from seed catalogues in which so much humbuggery is exercised as in the item of seed potatoes.

During the past ten years hundreds of alleged new varieties have been introduced and sold at high prices, and yet (stop and think of it) there are not to exceed ten or twelve standard and well known sorts on the market today, and these are such varieties as the Triumph, Early Ohio, Burbank, Carman No. 3, Rural New Yorker, Early Rose, etc.

The trouble lies in the abnormal appetite for new varieties, and no bait is more tempting than a "new potato," and just so long as this appetite exists, it will be assiduously ministered to.

Several years ago our Mr. Northrup wrote a booklet entitled "Seed Truth," which had a wide circulation, and in which attention was called to some of the evils existing in the seed trade. Speaking therein on the subject of catalogue exaggeration, the accompanying cut and description of the "New Bunco Potato" was inserted as what might be expected from the seed catalogue of the future if the public did not more intelligently discriminate in buying seeds.

Our readers will be surprised to learn that every year since the booklet containing this cut was issued, we have received orders for the "New Bunco Potato" accompanied by the money. The money so sent us, of course, we returned to the senders, but we doubt if "Adam Blowhard, Tagal P. O., Philippine Islands," has done the same.

In this and the following pages we have listed under their right name and at reasonable prices the best varieties that are on the market today. If you want good, clean, healthy, Northern Grown stocks of seed potatoes we shall be glad to supply you. You will not be able to find better stocks or better varieties anywhere, no matter under what high-sounding names they may be offered or no matter how alluring the description may be.

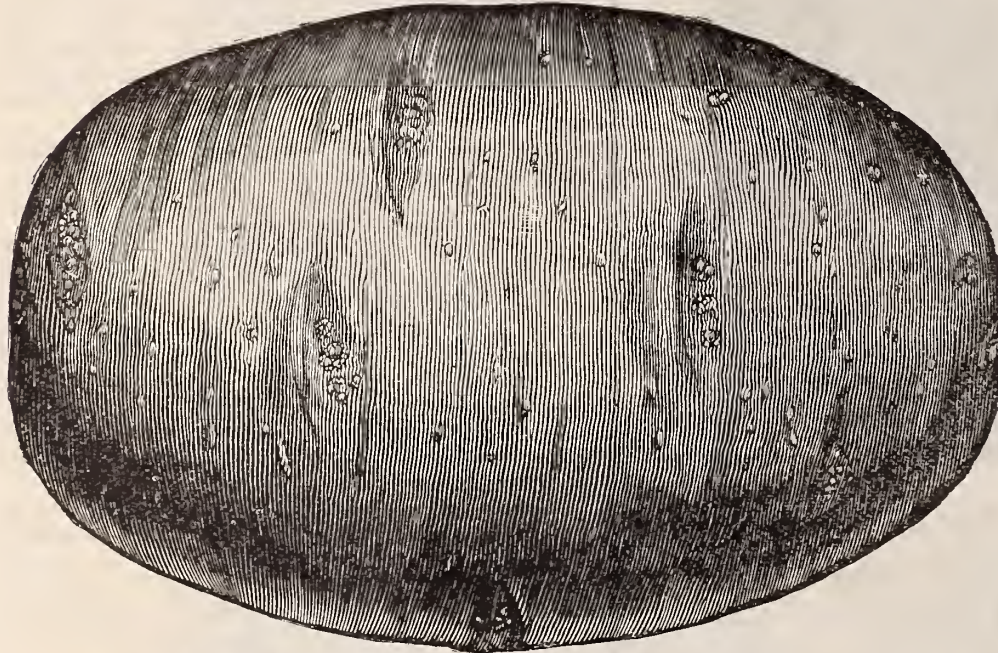


## NORTHERN GROWN SEED POTATOES

**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.

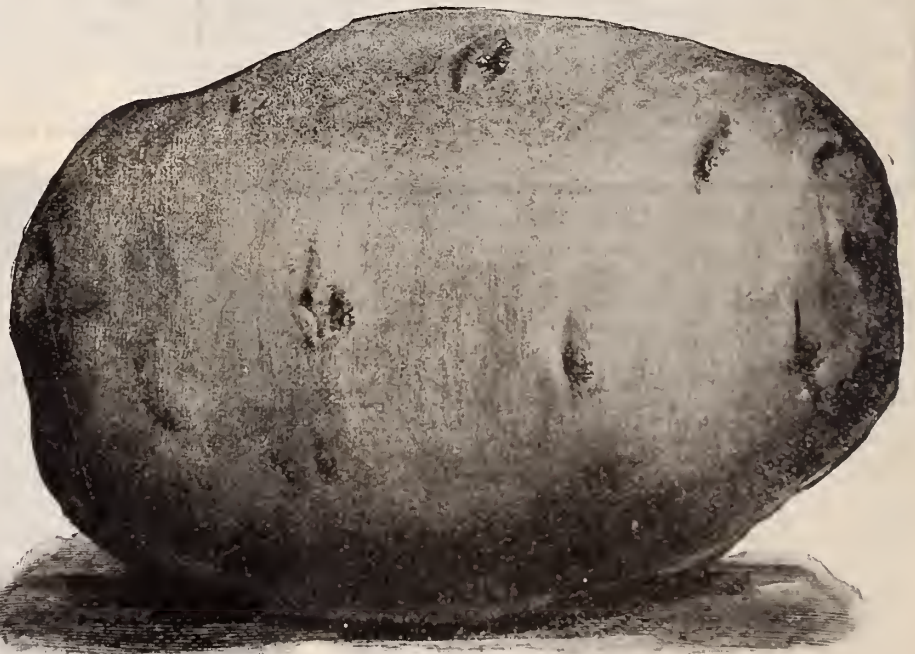
### N., K. & Co.'s **EXTRA EARLY OHIO POTATO**



**OUR OWN SPECIAL STOCK.** We consider these to be the earliest, purest and altogether the handsomest stock of Early Ohio Potatoes to be found anywhere. On these points we challenge comparison with stock from any other source. We do not admit that its equal exists among Early Ohio Potatoes. They are grown under conditions that make them cost more than common stock. They are selected with the utmost care and the result is grand, such as to delight everyone who knows and appreciates a good potato. Every one of them is a "picture" of what an early Ohio Potato should be. **By freight, peck, 35c; bu., \$1.15; bbl., \$3.25; 100 eyes by mail, postpaid, \$1.00.**

### **CARMAN No. 3** The Best Main Crop Potato

The fame of this potato is abroad in the land, and it is unquestionably the very best main crop potato on the market. All the Carman Seedlings (originated by Mr. Elbert S. Carman, late editor of the Rural New Yorker) have proven popular; but the Carman No. 3 is already rivaling in popularity the Burbank, and is undoubtedly a much better potato. Without any exception whatever it is the **GREATEST YIELDING POTATO** ever introduced, and it may be fairly claimed that it does not yield any small tubers at all. The tubers are borne very close to the plant, a single turn of the fork turning out every potato. It is of large size and of the shapeliest form. Eyes are few and shallow. It is a perfect keeper, and is not surpassed as a table variety. Skin and flesh



are of extreme whiteness. It has no hollow hearts or any dark parts. We recommend this potato to our customers as being unqualifiedly **THE BEST** of all late sorts. **By freight, peck, 35c; bu., \$1.15; bbl., \$3.00.** 100 eyes by mail postpaid, guaranteed to arrive in good condition for planting, \$1.00.

Prices of Potatoes subject to market change.

Write for Special Prices on large lots.

## NEW POTATO HAMILTON'S EARLY

The Earliest "White Skinned" Variety. In this we have a potato which we are certain many of our customers will want. One objection, in the minds of many, to the Triumph, Early Ohio and Early Rose is that they are red skinned. Hamilton's Early is but three or four days later than the Triumph and Ohio, and is **DISTINCTLY** the earliest white skinned sort. In shape they are ideal, and in size remarkably uniform—very few abnormally large specimens and very few small ones. A load of these potatoes on any market should sell at a premium, so distinguished, clean and handsome are they in appearance. For table use in any form Hamilton's Early is not excelled. As to yield, they are much more productive than any of the red skinned sorts. Peck, 75c; bu., \$2.00; bbl., plump 3 bushels, \$5.00; 100 eyes by mail, \$1.00, postpaid.



New White Potato, Hamilton's Early.

**POTATO EYES BY MAIL.**

THIS BOX CONTAINS  
100 EYES  
of 4 NEW AND RARE POTATOES  
MAILED TO ANY ADDRESS  
FOR \$1.00

25 EYES OF TRIUMPH	25 EYES OF EXTRA EARLY OHIO
25 EYES OF CARMAN No. 3	Hamilton's Early

NORTHRUP, KING & CO.  
SEED GROWERS  
MINNEAPOLIS, MINN.

POTATO EYES

NO DANGER OF FREEZING

WILL KEEP FOR MONTHS

NO FREIGHT CHARGES

Best Results are obtained from Planting Single Eyes

**POTATO EYES BY MAIL For \$1.00** We will send to any address postpaid **100 Eyes**  
(25 EACH)

### The Best Way to Secure Planting Seed

We believe that we are the originators of the system of sending potato eyes by mail. There are 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.

### OF THE FOLLOWING SPLENDID SORTS:

- Hamilton's Early
- N., K. & Co.'s Extra Early Ohio
- Extra Early Triumph
- Carman No. 3

The whole assortment delivered for less than the freight alone would be on a very small number of tubers.



**"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;  $\frac{1}{4}$  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;  $\frac{1}{4}$  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;  $\frac{1}{4}$  lb., 25c; lb., 60c, postpaid. By express or freight, lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.00.

 FOR GARDEN VARIETIES OF TURNIP SEE PAGE 66.

# Northrup, King & Co.'s PRIZE WINNER

## RUTA BAGGA.

Short neck, small top, firm flesh, symmetrical 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;  $\frac{1}{4}$  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.

## 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.

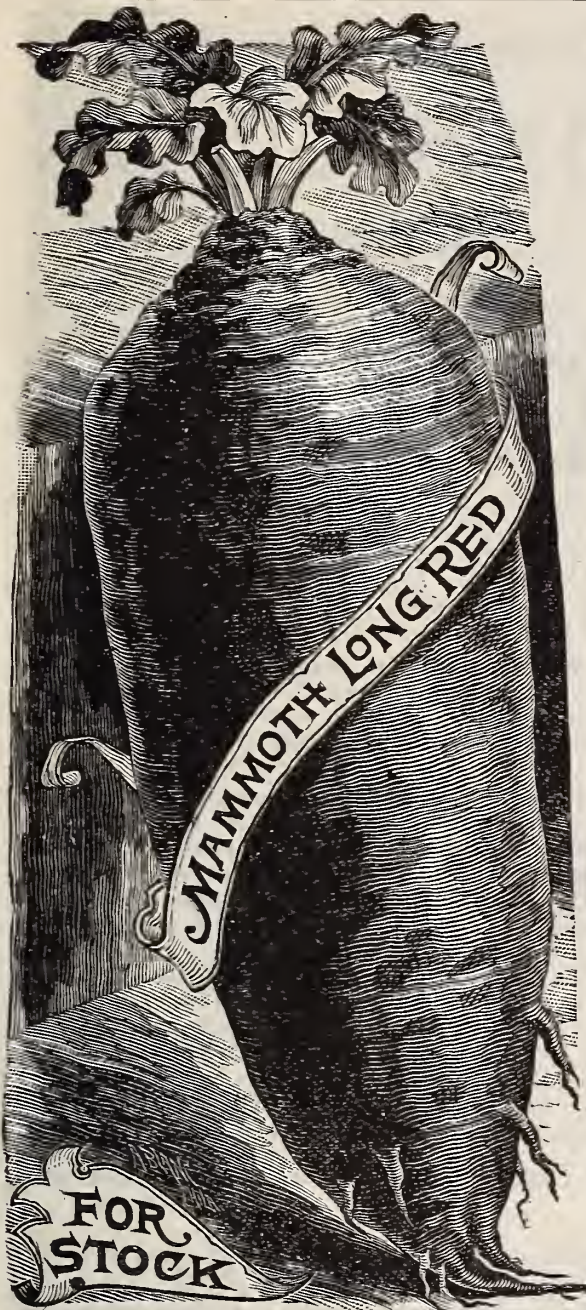
**VILMORIN-ELITE.** This beet is the result of thirty-five years of methodic and persevering selection. In black soils, rich in organic matter, it gives better results than any other variety. It is extremely rich in sugar, thousands of analyses showing that the percentage of sugar which can be obtained 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.

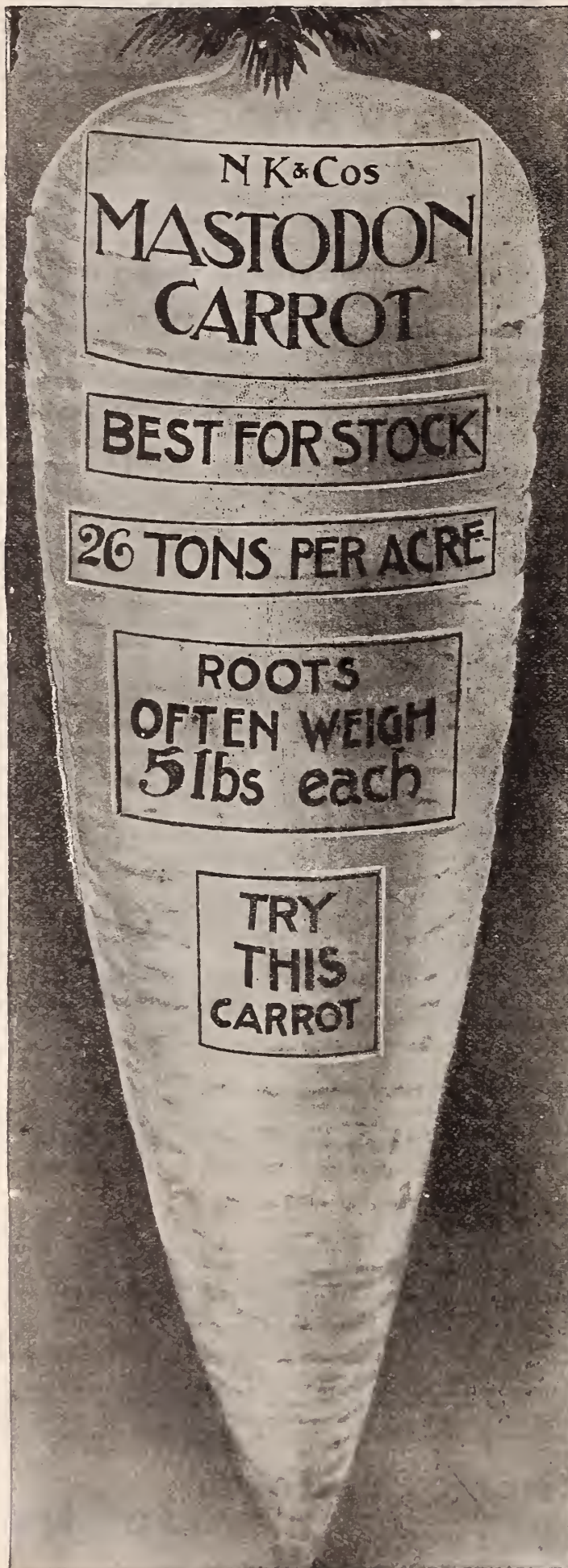
**KLEIN WANZLEBENER-ELITE.** This variety at the present time has probably a wider cultivation than any other sugar beet. It may be distinguished from the Vilmorin by its brighter color and its lighter colored leaves, which are beautifully undulating, and scalloped about the edges. While not, as a rule, 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. @ 16c; 100 lbs. @ 15c. Bags included. In ordering, state variety wanted.

✂ FOR GARDEN BEETS SEE PAGES 40 AND 41.





## 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; 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; 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.



# \$500 Cash.

The year following their introduction by us, we paid this amount to the following successful competitors, for the largest yields from a SINGLE BUSHEL of N., K., & CO.'S LINCOLN OATS.

A. M. Hightower,	1st prize,	174.19 bush.	\$200.00
G. L. Gordon,	2d "	168.22 "	100.00
J. F. Wood,	3rd "	123.08 "	75.00
R. L. Bradley,	4th "	120.13 "	60.00
Wm. Gans,	5th "	78.18 "	35.00
R. N. Lewis,	6th "	76.16 "	20.00
James Young,	7th "	75.21 "	10.00

From the above list of prize winners it will be seen that the total yield from 7 bushels of seed was 817 bushels and 21 pounds, the largest yield of oats ever known and duly verified.



## CAUTION

It has come to our knowledge that certain seed houses are sending out as Lincoln Oats, common, ordinary oats, such as can be bought at any FEED STORE. Of this we have POSITIVE INFORMATION. As the introducers of this Oat, and having a just pride in sustaining its reputation, we deem it necessary to caution the public against the imposition thus practiced. The only safe plan is to buy your seed from us or from those who can show proof of having obtained their seed direct from us.

### NORTHRUP, KING & CO.'S LINCOLN OAT.

We believe the Lincoln Oat to be the best ever introduced. The claims we made for Earliness, enormous yielding qualities and freedom from rust when first sending it out, have been fully sustained on every point and from all sections. Hundreds of customers have written us that, on account of its stiff straw, it stood up perfectly under weather that caused all other varieties to lodge. It is the best and most economical Oat for feeding on account of its thin hull, heavy meat and soft nib.

**Price of Lincoln Oats:** Per bu. of 32 lbs., 90cts; 2 bush., \$1.60; 10 bush., 7.50; 100 bush., \$70. Sacks included, delivered to R. R., Minneapolis.

Why plant unknown varieties or run out of stock, when you can get true stock of Lincoln Oats from the introducer at these reasonable prices.

It is one thing to make extravagant and ridiculous claims for an Oat in sending it out. It is another thing to be able to point to such a record as the Lincoln Oat possesses. Introduced by us in 1893, our sales since then have steadily increased, until last season they were nearly double that of any previous year. Why is this so? Not because of extensive advertising, for we have not for several years expended a dollar in pushing it, outside of the usual mention in our annual 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.

### NEW ZEALAND RUST PROOF.

This variety was introduced into this country by means of a small package sent some years ago by a traveler in New Zealand to a friend in Iowa. It is a white side oat, with medium sized grain, heads are extra long, heavy and full, averaging about 100 grains each, grows taller than ordinary and is medium early, though several days later than the early round head varieties. Its great hardiness and the strength and stiffness of its straw is remarkable. It stools out extra well and requires less seed per acre than most kinds. It does not easily rust, or lodge, and, instead of having a tendency to deteriorate, it seems to improve each year as it becomes more acclimated. Lb., 20c, by mail, postpaid. By express or freight, Peck 30c; bu., 80c; 2 bu., \$1.50; 10 bu., \$7.00; 50 bu., \$32.50. Bags included.

### WHITE RUSSIAN (Improved).

The original stock of White Russian Oats was really a capital Oat, and sprung immediately into great favor. Of late years it has become badly mixed and deteriorated, through not being properly grown. Largely through the efforts of a customer of ours in Dakota, we are able to offer the White Russian in its old time purity. It is a well established fact that the true White Russian is as nearly rust proof as any Oat can well be, and we are confident that many will hail its re-introduction with satisfaction. Lb., 17c., by mail, postpaid. By express or freight: Peck, 25c; bu., 80c; 2 bu., \$1.50; 10 bu., \$7.00; 20 bu., \$13; 100 bu., \$60.00. Bags included.

## 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, subject to market changes, at 55c per bushel; 10 bushels at 50c per bushel; 100 bushels at 48c per bushel. Bags free.

IT WILL PAY  
YOU TO TRY  
BLACK BEAUTY  
OATS.

MOLD'S  
NEW  
BLACK BEAUTY  
OATS



**A** FEW YEARS AGO our attention was directed to a remarkable variety of oats then being developed by Mr. W. H. Mold, the celebrated oat specialist of England. After some negotiation we purchased a part of his original stock. We became, at that time, the sole Agents in America for all of Mr. Mold's specialties.

**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 very largely. In most European countries they have decidedly the preference, and in England it is safe to say that **three bushels of black oats** are grown to **one of white**.

They are preferred by those who have had experience with them, principally on account of their **superior yielding qualities**, but besides being fully equal, if not better than white oats in point of feeding qualities, they possess another very valuable characteristic in the **unequaled stiffness and strength of straw**. **Nothing less than a tornado or cyclone will lodge them**.

Mr. J. Nesbit of Hennepin county, says: "*All of my other oats lodged more or less, but those black oats stood up perfectly, the straw was as stiff as hazel brush. We took off from our three-acre field seven large loads of bundles, about three times as much as any white oats we had.*"

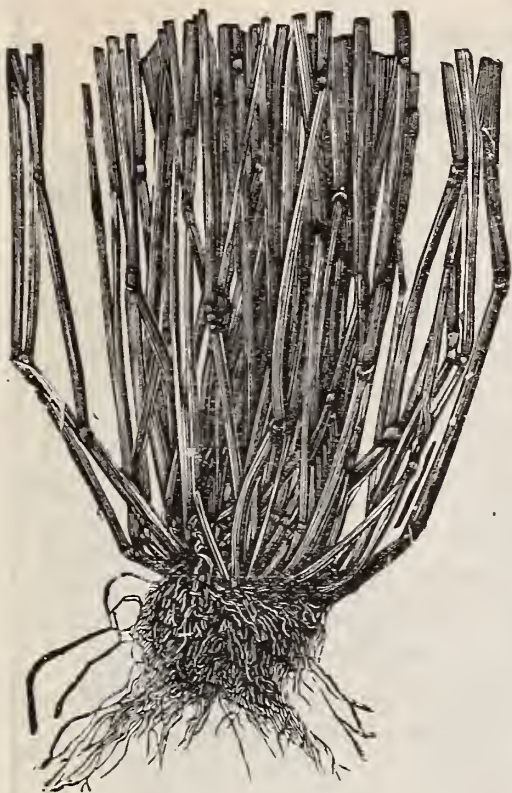
Mr. Striefland of Scott county, says: "*I thought I had seen big yields of oats, but those black oats certainly do take the cake. They stand up like soldiers on parade.*"

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:  $\frac{1}{4}$  bu., **40c**; 1 bu., **\$1.25**; 2 bu., **\$2.00**; 10 bu., **\$9.00**; 50 bu., **\$40.00**. Bags free.

**A GOOD INVESTMENT**

Some years ago while driving through one of the beautiful valleys of Montana, our Mr. Northrup saw a magnificent field of oats, much earlier than any of the other fields that had been met with on the way, and so superior in growth and productiveness as to induce him to drive to the farm house, half a mile away, to inquire as to the variety. The old German lady who came to the door said that she had forgotten the name of the oat, but that several years before she had sent to a seed firm for 10 cents worth of a new oat offered in their catalogue, and that she had in the house the package in which the seed originally came, and would get it. She soon reappeared with the empty package. It bore the name of the oat, and came from Northrup, King & Co. When Mr. Northrup introduced himself she was greatly pleased and asked him to dinner. Before leaving the house he had contracted for the entire crop at 10 cents a bushel above the highest market price. About 1,600 bushels of these oats were delivered, and we had the pleasure of paying a premium of \$160 for them—a good return on the original investment of 10c. A great many of our customers in different parts of the United States have found that it pays them well to get our new varieties of field seeds, grow them, and sell the product at good prices to their neighbors.

# 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 extensive description of it unnecessary. We first brought it to the attention of the trade in 1884, 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., \$2.60; 10 bu., \$12.00; 50 bu., \$55.00. 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., \$2.60; 10 bu., \$12.00; 50 bu., \$55.00. Bags free.

## NEW SPRING WHEAT, Minnesota No. 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, the one sent out by the Station as Minnesota No. 163, takes high rank. 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,	21.4
Powers' Fife	-	-	25.2
Minnesota No. 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, 50c; bu., \$1.75; 2 bu., \$3.25; 10 bu., \$15.00.

**NEW SPRING WHEAT. "MINNESOTA NO. 169."** In this we offer the second new wheat originated at the Experiment Station. It is a progeny of Hayne's Blue Stem. Its yield as compared with the parent variety is given by the Experiment Station as follows:

Hayne's Blue Stem, average for four years,	22.5
Minn. No. 169,	23.3

This comparison with its parent, which is a superior variety, tells the whole story as to yield. In quality it proved in milling tests equal to the best. Peck, 60c; bu., \$1.85; 2 bu., \$3.50; 10 bu., \$16.00. Bags free.

**MACARONI SPRING WHEAT.** There are several reasons why this wheat should be largely grown in the Northwest. For those regions where the rainfall is light it is of the very greatest value, in fact the best quality if not the heaviest yield came from the very dry districts, but we see no reason why it should not be very largely grown in the very best wheat districts. It yields much more heavily than the Fife and Blue Stem, besides the market with Macaroni manufacturers, for whose use it commands a premium, it is readily taken by grain buyers at No. 2 grade. Sow 1½ bu. to the acre. Large pkt., 10c; bu., \$1.50; 2 bu., \$2.75; 10 bu., \$12.50. Bags free.

## SPRING RYE-True Stock.

Spring Rye is an excellent catch crop where winter grain has been killed out, or for sowing where a fall crop has not been planted. If desired it can be turned under and made to answer a good purpose in adding to the fertility of the soil. We call particular attention to the fact that we offer genuine Spring Rye. Many 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., \$1.10; 2 bu., \$2.00; 10 bu. at 90c. per bu.

## AMBER RYE

**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. This characteristic saves easily from two to five pounds to the bushel and it largely outyields 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. Peck, 35c; bu., \$1.10; 2 bu., \$2.00; 10 bu., \$9.00. Bags included.

**WINTER RYE** A good stock, re-cleaned. Peck, 30c; bu., 90c; 2 bu., \$1.65; 10 bu., 7.50.

# Speltz<sup>OR</sup> Emmer

The Valuable New Grain from Russia.

Speltz has now been grown in the United States in a large way for several years and each succeeding season not only **EMPHASIZES ITS VALUE**, but sees its production increasing to an enormous extent. It is found to be adapted to a **WIDE RANGE OF SOIL AND CLIMATE, to RESIST EXTREMES OF WEATHER**, to be of **SUPERIOR FEEDING VALUE** and to **YIELD SO MUCH MORE HEAVILY** than oats and barley as to insure its increasing popularity and its eventual place among the leading and standard cereal crops of the world. **THOSE WHO HAVE NOT GROWN SPELTZ SHOULD NOT LET ANOTHER SEASON GO BY WITHOUT GIVING IT A PLACE AND AN IMPORTANT PLACE, TOO, ON THEIR FARMS.**

Professor Shepard of the South Dakota Experiment Station, states:

"It is readily eaten by all kinds of stock and has shown itself to be especially adapted when fed to milch cows. It is better to mix it, however, with bran and shorts, as it is a pretty heavy feed when fed alone. As a swine feed, we think very well of it indeed, especially for 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 experience of thousands. 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 also be grown in all other sections of the United States. The following letter from Mr. J. N. Cooley, of South Dakota, gives the conservative expression of a practical farmer. Mr. Cooley has been a valued correspondent of ours for many years, and his word is as good as gold. His letter is a fair sample of the many expressions we have received regarding this new cereal:

"I am very glad to tell you anything I know about Speltz. Our best farmers have awakened to the realization that Speltz is just what we need, and I will tell you why I think well of it. First, it is a crop on which farmers can rely, as it greatly outyields any other grain. Second, it is unequalled as feed for any kind of stock, as its nutritious 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 right about here at advanced prices. Farmers are going to sow less wheat, oats and barley, and more Speltz this year. The above is the prevailing sentiment in this section on the Speltz question, and you cannot recommend it too highly."

Mr. Cooley does not say half enough for it. Speltz can be cut with a header and stacked like wheat. It will shed rain better than wheat. It is superior to any other grain for feeding as it is not necessary to grind it for horses and a little goes a long ways.

January 30th.

G. W. BEAN,  
South Dakota.



Price per bushel of forty pounds, 90c; three bushels for \$2.40; 6 bu., \$4.50; 10 bu. for \$7.00; 50 bu., 65c per bushel. Bags free.

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 and climate;

Endures a great deal of frost;

Is not readily damaged by harvest rains;

Is not susceptible to rust or smuts;

Yields more than oats;

Yields more than wheat;

Yields more than barley;

Makes better feed than barley;

Makes 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."

## MANSHURY BARLEY

Last season we lost our crop of this splendid early ripening six-rowed barley, and were obliged to disappoint many customers who wanted it. This year we have a few hundred bushels of the pure seed. First come first served. Bu., \$1.25; 2 bu. \$2.00; 10 bu., \$9.00. Bags free.

### Re-Cleaned Seed Barley

We are prepared to quote very reasonable prices, both for car and less car lots, on six and two rowed barley as selected from the best shipments arriving in Minneapolis, and made suitable for seed purposes by re-cleaning same with our special machinery. Write for prices and samples, stating quantity wanted.

# Corn Insurance

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

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

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

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

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

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

**IT IS NORTHERN GROWN.**

**IT IS FIRE-DRIED.**

**IT IS TESTED.**

*The October crop report of the U. S. Department of Agriculture shows that NORTH DAKOTA FOR THE YEAR 1902 HAD 83,000 ACRES IN CORN. It is through our efforts that North Dakota and the northern part of Minnesota have been brought within the "corn belt." We have Named and Introduced every variety of corn, except one, that has become standard in the Northwest. Many varieties have been introduced; OURS ALONE HAVE STOOD THE TEST. Seed corn buyers will find it also*

## GOOD POLICY

*to consider the following facts:*

*Owing to the unfavorable season, reliable seed corn is this year extremely scarce.*

*Much seed will be brought from the South and sold as "Northern Grown Corn."*

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

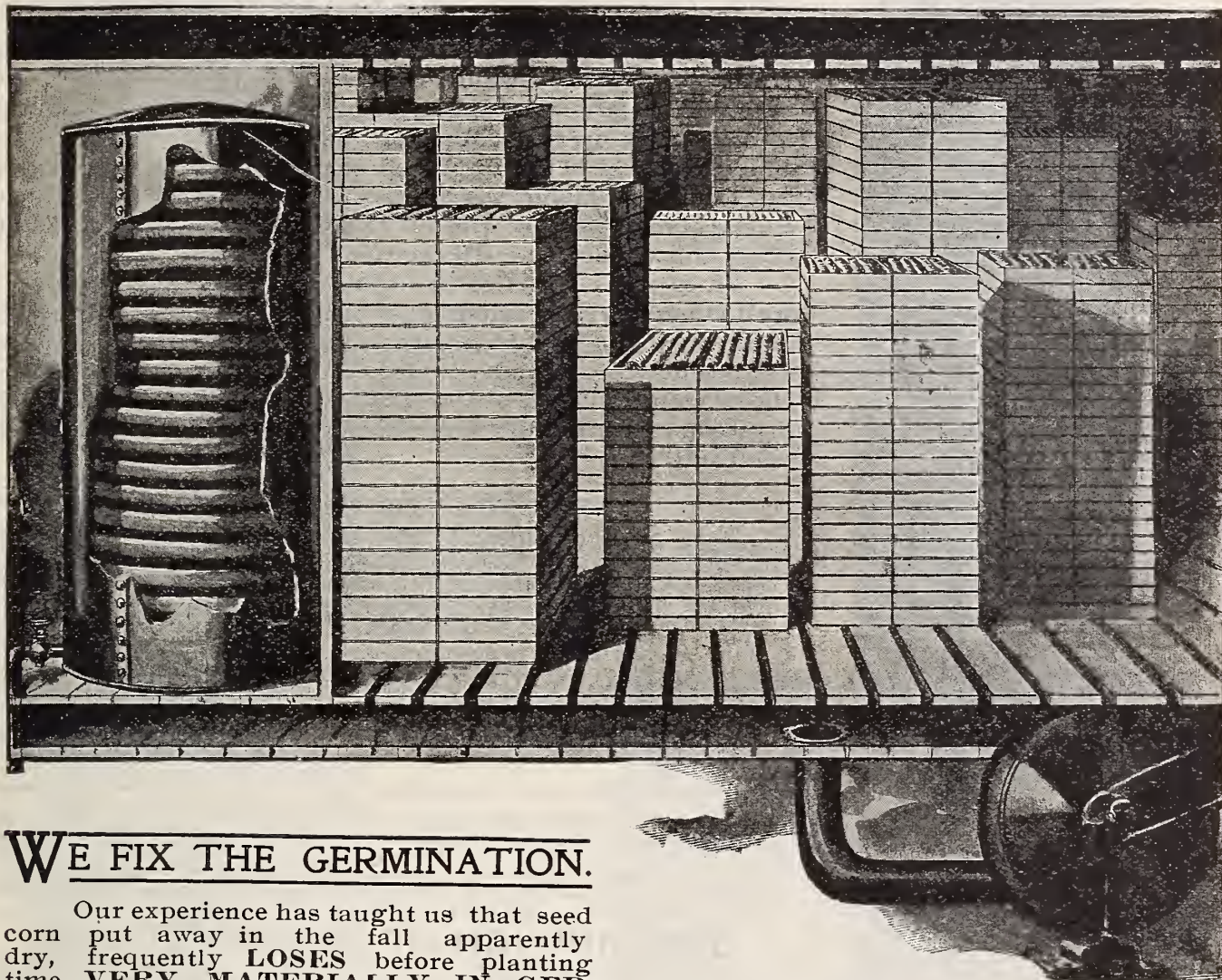
*Take no chances as to this.*

**NORTHRUP, KING & Co.,**

**Seed Corn Specialists.**

# FIRE DRIED SEED CORN.

**WE DO NOT KNOW OF ANY OTHER FIRM that KILN DRIES ITS SEED CORN. It will cost you 10 TO 25 CENTS AN ACRE more to plant our SELECTED, TESTED, BONE-DRY seed than ordinary crib corn. IS IT NOT WORTH THE DIFFERENCE?**



## WE FIX THE GERMINATION.

Our experience has taught us that seed corn put away in the fall apparently dry, frequently **LOSES** before planting time **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 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 per cent of its weight when put through this kiln. **This tells the story.**

## RECOGNITION.

We can consistently claim to be headquarters on **SEED CORN.** The fact that every variety that is standard in the Northwest today 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."

# 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. NORTHROP, 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.) Four 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.

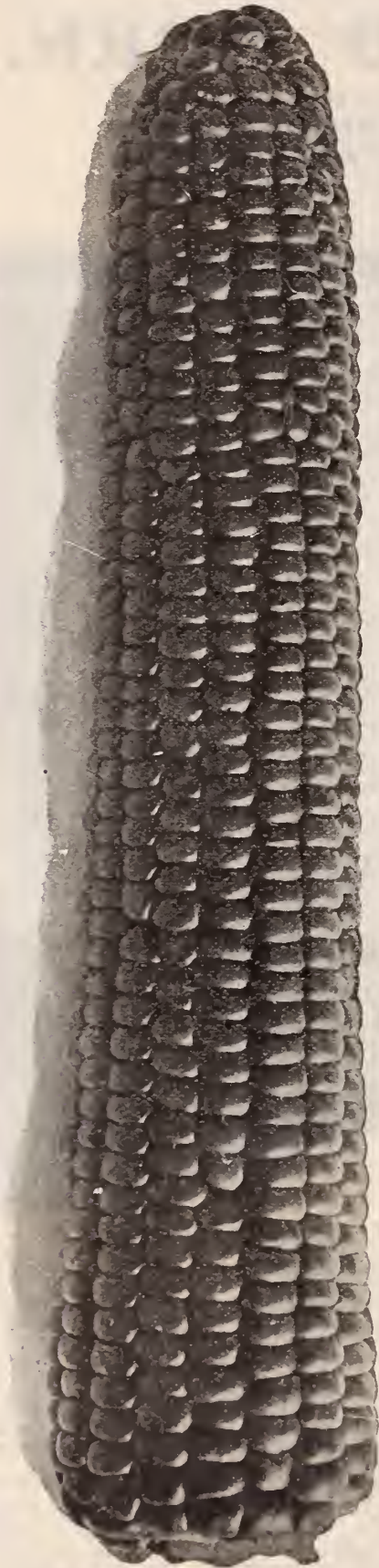
Our Triumph Corn is a very early flint variety, very bright yellow in color, maturing in from 80 to 90 days from day of planting, according to soil and season. Ears average about 13 inches in length (about 5 inches longer than the Mercer) and are 14 to 16 rowed. Occasionally a 12 rowed ear is found; 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 stalks grow very tall and leafy and make 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; bu., \$2.50. 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., \$2.50. 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 early sorts. Ears 10 in. long; very early. Large pkt., 10c; lb., 20c, postpaid. By express or freight, peck, 75c; bu., \$2.50.



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.



# 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 but not only is this our own experience, but we have received like testimony from hundreds to whom we have sold it; the universal expression being that, for ability to endure extremes of heat and cold, flood and 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. Average height of stalk 7 ft., average distance base of ear from ground, 3 ft. The ear is of good size, eight rowed, cob small. Large pkt., 10c; lb., 20c; 3 lbs., 50c, postpaid. By express or freight, peck, 75c; bu., \$2.50; 2 bu., \$4.75. Bags free.

NOTE. Although each season we have anticipated the large sale which Minnesota King Corn has met, by what we consider 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.

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 MERCEK 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, it has in every instance 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.

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

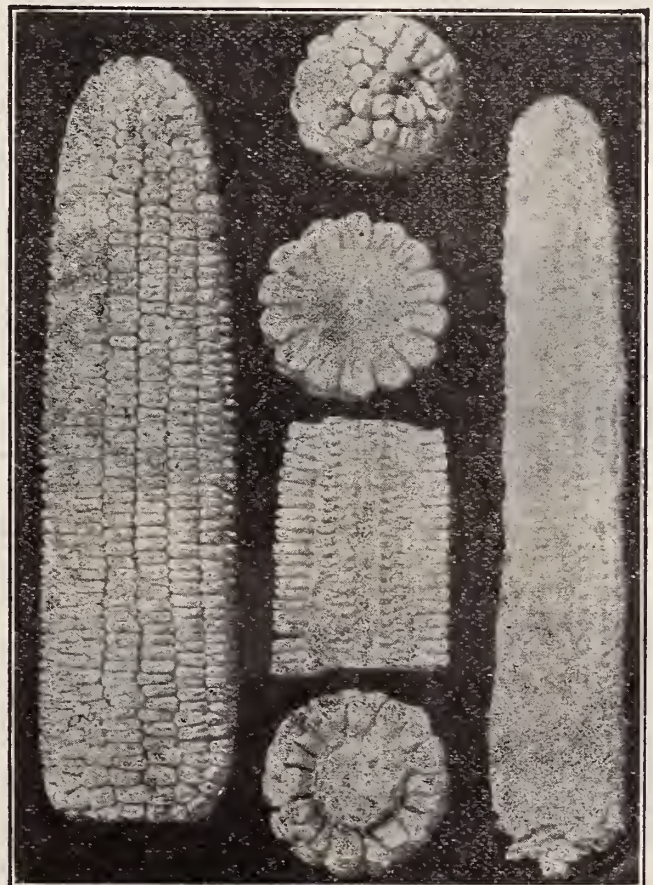
THIS EARLY WHITE DENT (14 to 18 rows) was obtained from a few kernels sent us in the autumn of '84 by a Dakota farmer, who stated that he had matured it in that state for 7 successive years; that it was the only corn in his section that could show such a record. For early ripening, great yield, compact growth of ears, it is one of the best; admirably adapted to a northern climate. Average height of stalk 8 ft., average distance base of ear from ground, 3 ft., 9 in. Those wishing a first-class White Dent corn will find in the Rustler a hard corn to match. Large pkt., 10c; lb., 20c, postpaid. By express or freight, peck, 50c; bu., \$1.75. Bags free.

### "No Lying Whatever"

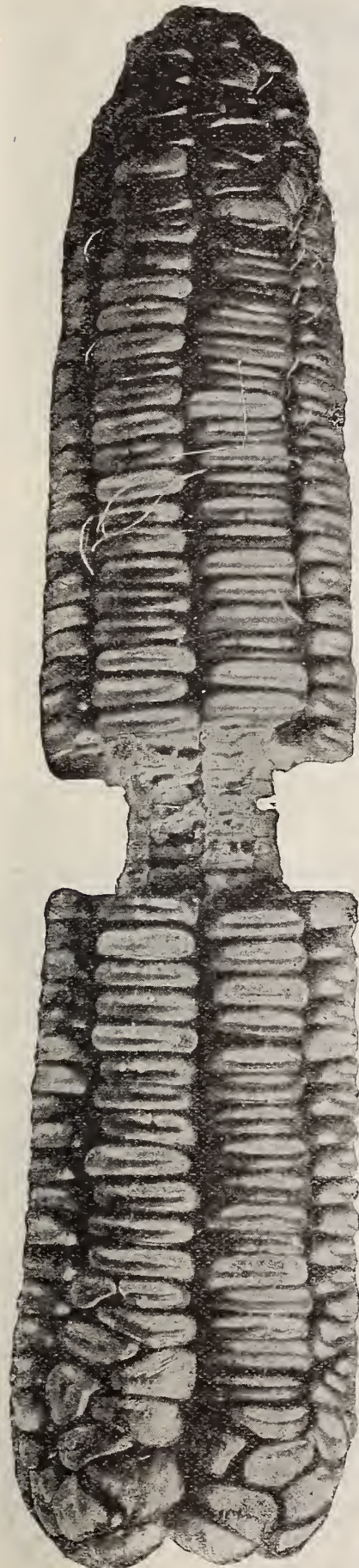
Gentlemen:—

I had six acres of your Rustler White Dent Corn which went 140 baskets to the acre without any lying whatever. I planted May 15th. In 63 days from planting the husk was white and dead, the ears were hard and dry and the fodder was green. This fact, added to the splendid quality of the corn and its great yield is one that I like. It makes the fodder superior to that of any sort I have ever grown. I have grown this variety now for several years and I regard it as way ahead of any other sort. It is especially good for poor ground as it will make a crop where other sorts will fail, and for good ground, too, it has no equal. One great feature of this corn is that in has no barren stalks,

J. J. CLASSEN,  
Minnesota.



N., K. & Co.'s Rustler White Dent.



From a Photograph Showing Ear of Minnesota King Corn. (Reduced size.)

# SEED CORN

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

## EXTRA EARLY FLINT VARIETIES

(See also page 18.)

**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, 60c; bu., \$2.00. Bags included.

**NORTH DAKOTA WHITE FLINT.** Resulting from a careful selection of Squaw corn for many years. Very much better than the Squaw. Average height stalk 5 ft., average distance base of ear from ground, 1½ ft. Large pkt., 10c; lb., 20c, postpaid. Peck, 75c; bu., \$2.25. Bags free.

**NORTH DAKOTA YELLOW FLINT.** (Gehu.) Resembles closely the White Flint in earliness, habit of growth, etc., but the grain is yellow. Average height stalk 5 ft., average distance base of ear from ground, 1½ ft. Large pkt., 10c; lb., 20c, postpaid. Peck, 75c; bu., \$2.25. Bags free.

**LONGFELLOW.** (8-row Yellow Flint.) A very early 8-rowed corn of the Canada type; ears cylindrical, about 9 in. long; color, rich, glossy. The weight of seed corn is fully 60 lbs. Average height stalk 7½ ft., average distance base of ear from ground, 3 ft. Large pkt., 10c; lb., 20c, postpaid. Peck, by express or freight, 50c; bu., \$1.80; 2 bu., \$3.50. Bags included.

**SMUT NOSE FLINT.** (8-rows.) A yellow flint corn blazed with red at end of ear. Ears are large and round. This is a very early variety, and a great favorite in many localities. Our stock is very fine. Average height of stalk 7 ft. 6 in., average distance base of ear from ground, 2 ft. 11 in. Large pkt., 10c; lb., 20c, postpaid. Peck 60c; bu., \$2.25; 2 bu., \$4.00. Bags included.



[Section of ear.]

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

## EARLY YELLOW DENT VARIETIES.

**N., K. & CO.'S DAKOTA DENT.** (16 to 20 rows—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. Average height stalk 8 ft. 1 in., average distance base of ear from ground, 3 ft. 2 in. Large pkt., 10c; lb., 20c, postpaid. By express or freight, peck, 60c; bu., \$2.00; 2 bu., \$3.75. Bags free.

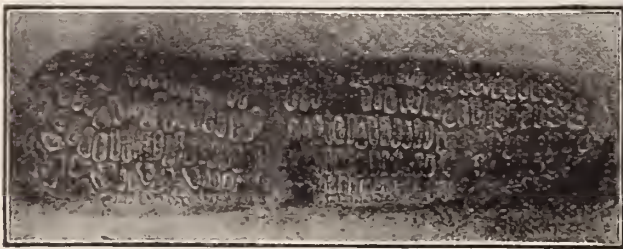
**HURON. EARLY YELLOW DENT.** (14 to 18 rows.) Fine strain of early corn. Grain deep golden yellow, and large, while cob is very small. 70 lbs. of ears have made 64 lbs. of shelled corn, leaving only 6 lbs. of cobs. Average height of stalk 8 ft. 4 in., average distance base of ear from ground, 3 ft. 10 in. Large pkt., 10c; lb., 20c, postpaid. By express or freight, peck, 60c; bu., \$2.00; 2 bu., \$3.75. Bags included.

**PRIDE OF THE NORTH. EARLY YELLOW DENT.** (16 to 18 rows.) 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. Average height of stalk, 7 ft., average distance base of ear from ground, 3 ft. Large pkt., 10c; lb., 20c, postpaid. By express or freight, peck, 50c; bu., \$1.80. Bags free.

**UNIVERSITY NUMBER THIRTEEN.** (12 to 16 rows.) 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., Average height of stalk 8 ft. 4 in., average distance base of ear from ground, 3 ft. 3 in. Large pkt., 10c; lb., 20c, postpaid. Peck, 50c; bu., \$1.75; 2 bu., \$3.25. Bags included.

**WHITE CAP YELLOW DENT.** (14 to 18 rows.) A yellow corn with a white cap; very early. Ripens quickly and gives satisfaction wherever grown. Average height of stalk 7 ft. 11 in., average distance base of ear from ground, 3 ft. 4 in. Pk., 50c; bu., \$1.75; 2 bu., \$3.25. Bgs. free.

**NORTHWESTERN DENT.** (12 rows.) 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 is very poor; ours is the VERY GOOD kind. Average height of stalk 7 ft. 8 in., average distance base of ear from ground, 3 ft. 5 in. Peck, 60c; bu., \$2.25; 2 bu., \$4.00. Bags free.

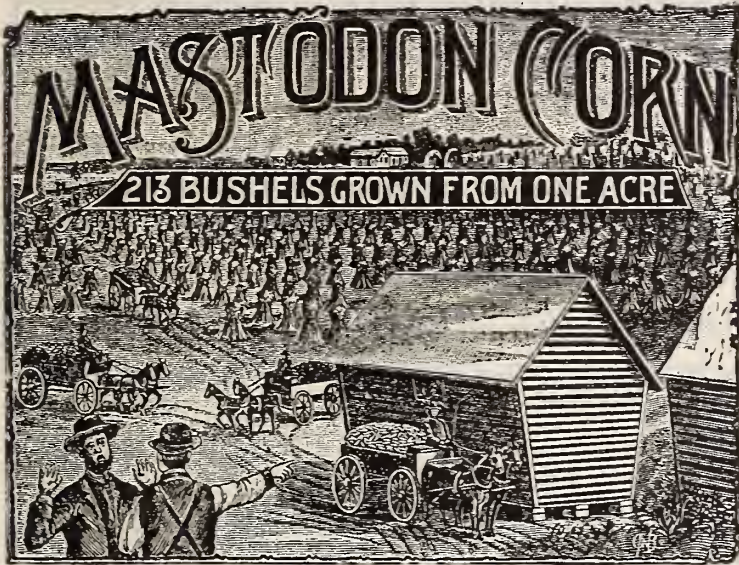


EARLY HURON (YELLOW DENT.)



EARLY WHITE CAP (YELLOW DENT.)

WRITE FOR SPECIAL PRICES ON LARGE QUANTITIES.



**A PERPLEXED FARMER** is not a rare sight, but this condition of mind does not often arise through having such a large crop that he does not know how or where to house it. There would be many such cases, however, did all have the same good fortune as that experienced by Mr. Alfred Rose, of Yates County, N. Y., who raised on one acre of Mastodon Corn 15,898 pounds of Corn on the ear, which made 213 bushels of shelled corn.

**PLEASE NOTE.**—Mastodon Corn is early as compared with Golden Beauty, Leaming and other standard late sorts, but we do not as yet recommend it for general planting north of latitude 43. We have grown it successfully the past three years within a few miles of Minneapolis, and hope in two years more to be able to recommend it for general planting as far north as latitude 45. Meantime, we hope as many of our customers in the North, as possible, will try a packet and report their success.

The originator states: "The Early Mastodon Corn, named Mastodon because of its large ears, has been brought to its present standard by careful selection. The seed trade and large growers of field corn have for many years been anxiously inquiring for a large-eared, yet early Dent Corn, and to supply their wants I have for

years been studying it up, and, until I got up this corn, was not fully satisfied. Many sorts have been tried and found wanting. In the Mastodon your customers will find a high-bred corn, of beautiful color, and one which will please them. I claim for this corn the largest number of rows on cob, and the deepest, longest grains of any corn ever originated, making the finest appearing shelled corn I ever saw, being a cast of two colors, and such corn as brings the highest price in market. It grows very rapid, strong and rank at a medium height, and will out-yield any corn ever grown in this section. You cannot too highly recommend this corn to your customers. I have grown thousands of bushels of Golden Beauty, and the Mastodon is from three weeks to one month earlier, growing side by side and planted the same week." Price for Mastodon Corn: Large pkt., 5c; lb., 20c; 5 lbs., 80c, postpaid; by express or freight, peck, 40c; bu., \$1.75; 2 bu., \$3.00. Bags free.

2,000 Kernels on a Single Ear

"The Early Mastodon Corn I bought from you last year was the biggest corn I ever had,—some ears with 2,000 kernels on. It is good fodder too."

MARTIN B. MATTSON, Princeton, Minn.

From this it will be seen that Mastodon Corn last year made a large crop forty miles north of Minneapolis, and is good evidence that our efforts to make this corn earlier are bearing fruit.

**IOWA GOLD MINE CORN.** Everyone who has tried it is enthusiastic in praise of this splendid variety. It is medium early, ripening but a few days later than the Pride of the North. Ears are not excessively large, but of good size and symmetrical. Color, a bright golden yellow, shining like a new coin direct from the mint. Grain is very deep, cob small, and therefore dries out very nearly as soon as ripe. 70 pounds of ear corn makes 60 to 62 pounds of shelled corn, and in hauling to the market it weighs out 5 bushels more to the wagon load than common varieties, in the same size wagon. 70 pounds of corn on the ear has given 64 pounds of shelled corn and only 6 pounds of cobs. This is unparalleled and cannot be equalled by any other corn in the world. Large pkt., 5c; lb., 20c; 3 lbs., 50c, postpaid; by express or freight, peck, 50c; bu., \$1.65; 2 bu., \$3.00.

**NORTHROP, KING & CO.'S MINNESOTA LEAMING.** (Yellow Dent.) For a number of years we have been working on this well known variety, and we now have it so that it is perfectly safe, under ordinary conditions, to plant in all sections south of Minneapolis. We have been working on this corn because we believed it to be, for many reasons, the best variety for permanent improvement. It naturally possesses a hardy constitution, the ears are of good size, cobs quite small, and the grain exceptionally bright and heavy. We strongly recommend this for general planting. Large pkt., 5c; lb., 20c; 3 lbs., 50c, postpaid; by express or freight, peck, 50c; bu., \$1.75; 2 bu., \$3.15. Bags free.

**SILVER MINE CORN.** The Great \$1,000 Corn—Yields 215 Bushels per acre. The introducer says: "The most marvelous variety of corn ever offered, and one which will surprise every one who plants it. If the farmers take hold of this as they should it will revolutionize the corn growing of the country. Stalk grows to a height of about seven or eight feet and sets the ears about three and one-half to four feet from the ground. Just the height for easy picking. It is early, matured last year in less than ninety-five days. The cob dries out rapidly, so that it is ready for the market very early.

It produced 215 bu. per acre in Scott county, Ia.; 211 bu. in Indiana, 201 bu. in Arkansas, 178 bu. in Illinois, 145 bu. in Nebraska, 144 bu. in Ohio and 137 bu. in Texas. Average of about 176 bushels shelled corn per acre. Price, postpaid or by express prepaid: Large pkt., 5c; lb., 20c; 3 lbs., 50c; by freight or express (purchaser paying charges,) peck, 50c; bu., \$1.65; 2 bu., \$3.00.

"Wish You Could See It."

"I wish you could see the Mastodon Corn that I have grown continuously for four years from seed originally purchased from you." ED. BROTSINGER, McGregor, Ia.

Write for Special Prices on Large Quantities.



**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 23.

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

PRICES SUBJECT TO MARKET CHANGES.

**T**HIS, 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 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 than 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 of N., K. & CO.'S GIANT FODDER CORN, pk., 35c; bu., \$1.10. Bags included.

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 stalks 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 MORMAN, 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 milch 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. Everyone who passed this way thought it would be the proper feed to grow in this county where hay is so scarce. FRAZER D. HUFFMAN, Anstin, N. D.

### 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 feet apart. Price by express or freight: Pk., 30c; bu., \$1.00. 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., 90c. Bags free.

### "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. SJORBUN, Randall, Minn.

## MEDIUM EARLY AND FLINT VARIETIES OF 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.



N., K. & CO.'S ELEPHANT FODDER CORN.

**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., \$2.25. 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, 80c; bu., \$3.00. 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.



#### 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."

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.

**T**HE following from Mr. O. R. Aney of Wilmot, S. D., is one of the many letters received by us from representative Swine Breeders and Shippers, relative to our Hog Pasture Mixture.

Mr. Aney is proprietor of the Whetstone Valley herd of Poland China Swine, is Swine Editor of the Dakota Farmer, State Lecturer on Swine with the North Dakota and South Dakota Farmers' Institute Corps and is an authority in his line.

NORTHROP, KING & Co.,  
Minneapolis, Minn.,

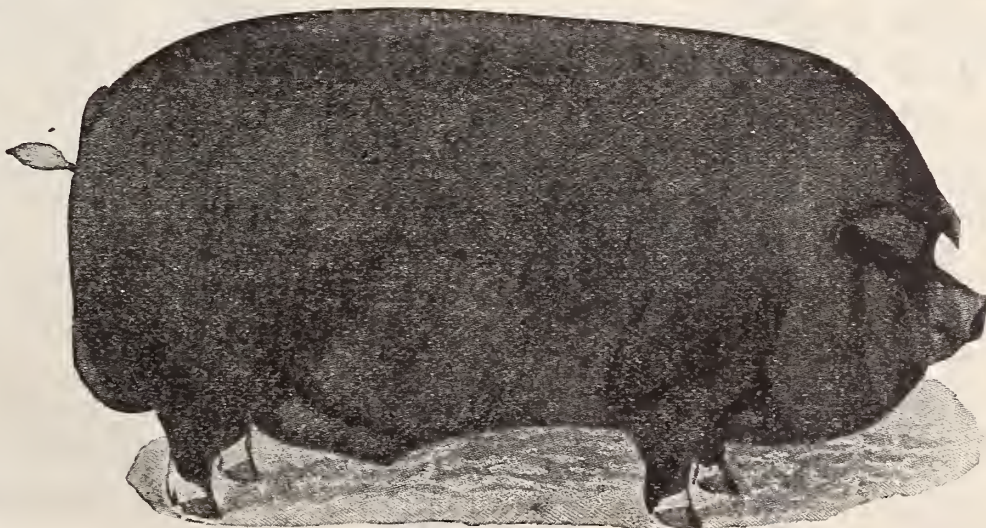
Gentlemen: I wish to say that I have used your Hog Pasture Mixture and consider it the best thing that has ever come to the farmers of the Northwest. Hog raising has always been conducted on a small scale on most of our farms because, until this mixture of yours was introduced, nothing could be found in the form of an annual plant that would furnish good pasturage from Spring until Fall without becoming woody and tough, unless it was sown at intervals. Now I look for a large number of farmers to engage in the hog raising business and also for those who are already in it to increase their herds, for, with such a magnificent pasture as your Hog Mixture supplies, the Northwest can raise and put upon the market a better class of pork and at a lower cost of production than any other section of the United States.

Again, thanks to you and to your Hog Mixture for placing these favorable conditions within our reach. I am with kindest regards,

Yours truly,

O. R. Aney.

P. S. I enclose a picture of my herd boar "Sunlight." I have refused \$1000.00 for him several times.



\$1,000.00 HERD BOAR "SUNLIGHT," Raised on N., K. & Co.'s Hog Pasture Mixture.

## Northrup, 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. 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?

2nd. What is the character of the soil?

Wilmot, South Dakota,  
December, 2nd, 1902.

# 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 in having been the first seed house to bring it prominently before the farmers of America.

Now that the sale of Rape seed amounts to thousands of tons annually, it is interesting, by way of contrast, to look back to the year when we introduced it, and find that our sales for the season were less than 500 pounds, and compare it with the business we now do in this important article, which is illustrated by the train, picturing 20 CARLOADS, constituting our opening order for the season of 1903.

Our customers can well understand that 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 and that our effort to supply the very best quality of seed is recognized all over the United States.

There are several varieties of the Rape plant, but it will be found a loss of time and money to experiment with any other than the DWARF ESSEX. Some houses offer it under other names but simply that, by praising it more, they may get a higher price for the seed. Any GOOD RAPE SEED is DWARF ESSEX. Nothing more or less.

Dwarf Essex Rape has been usually grown, until recent years, to furnish pasture for sheep and lambs, but it is now being found equally good in providing pasture for 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, cattle 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. 2. In June or July, on well prepared land to provide pasture.

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 and to get a "catch" of clover. 5. Along with corn drilled in broadcast to provide pasture. 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. per acre 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; 25 lbs., @ 6½c; 50 lbs., @ 6c; 100 lbs., @ 5½c; 224 sack @ 5¼c. Write for special price on large lots.

## Rape,

### HOW TO SOW, GROW AND USE IT.

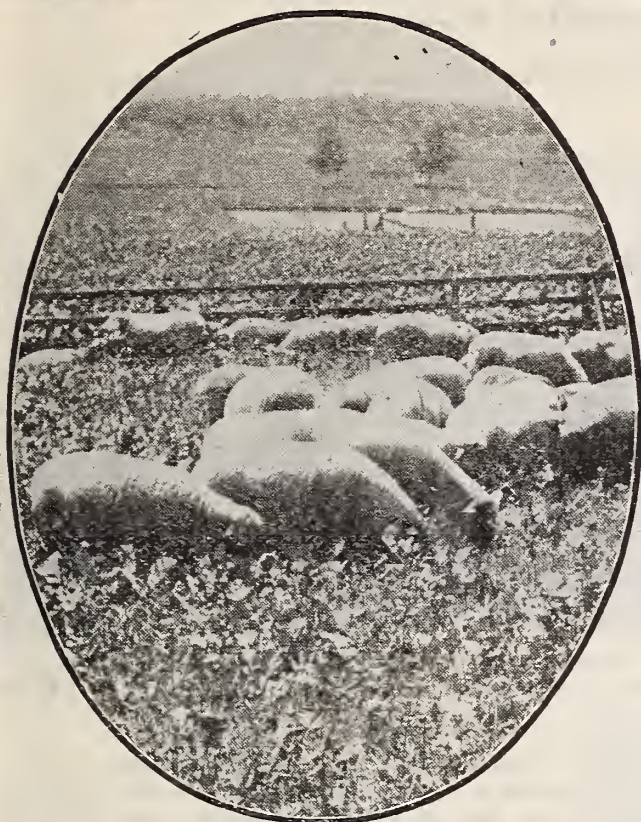
Written for N., K. & Co., by Prof. Thos. Shaw.

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. Shaw, and which brings the subject of Rape down to date. It contains many valuable suggestions.





# Dwarf Essex Rape



Sheep Pasturing on Dwarf Essex Rape and Clover.



Pigs Pasturing on Dwarf Essex Rape.

## Thousand Headed Kale.

As in the case of Dwarf Essex Rape, we were the first American Seed House to offer and call public attention to this grand pasture plant—Thousand Headed Kale. We were led to do so by its growing popularity in England where on account of the enormous amount and superior quality of feed it affords, in some sections and among many shrewd farmers it is rapidly succeeding Dwarf Essex Rape.

Thousand Headed Kale is a variety of cabbage that produces enormously. The plant attains a height of 3 to 4 feet; the stem is covered with leaves, which form small heads. Animals, especially sheep, eat it greedily. It grows well on any land and is very hardy. We do not hesitate to predict that in a few years' time it will be as popular and as widely used as Dwarf Essex Rape.

The seed may be either drilled or broadcasted. Drilling is the better. If drilled, plant in rows 26 to 30 inches apart, as plants should be thinned out so as to stand 16 to 18 inches apart in the rows. In drilling, use  $\frac{3}{4}$  to 1 lb. of seed to the acre; in broadcasting, 1  $\frac{1}{2}$  lbs. Price, by mail, postpaid: Large pkt., 5c;  $\frac{1}{4}$  lb 10c; 1b., 30c. By express or freight, 1b. 20c; 5 lbs., 90c; 10 lbs., \$1.70.

Write for special price on large quantities.



THOUSAND HEADED KALE.

**S**ORGHUM, 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., 30c, postpaid. By express or freight, lb., 10c; 10 lbs. @ 6c; 100 lbs. @ 4c.

**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., 15c, postpaid. By express or freight, lb., 5c; 10 lbs. @ 3c; 100 lbs., \$1.90.



Sorghum, Grown for Pasture and Soiling.

### 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., 60c; bu., \$2.25.

### 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. Extra Early Black Eye, pkt., 10c; pk., \$1.00; bu., \$3.50. Large Black Eye, large pkt., 10c; pk., 75c; bu., \$2.75. Whippoorwill, pkt., 10c; pk., 75c; bu., \$2.50.



Cow Pea, Grown for Pasture or Soiling.

## CANADA FIELD PEAS

Can be sown alone or with oats. If alone about 3 bushels are required to the acre. If with oats, 1½ bushels of Peas and 2 bushels of oats. The latter is a favorite and profitable method, and one that we strongly endorse, as in this way a double crop can be secured. They can be threshed at one time, and readily separated in cleaning.

### FIELD PEAS

The following are Standard Varieties and best adapted to general culture.

**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., 60c; 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., \$1.90. Bags free.

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

### VETCHES

**SAND OR WINTER VETCH.** (*Vicia Villosa*.) Sometimes called **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 sowing. 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 13c; 50 lbs. at 12c; 100 lbs. at 11c. Bags free.

**SPRING VETCHES.** Used for the same purposes as the Sand Vetch, but will not thrive on poor soil, or withstand extremes of weather as successfully. Large pkt., 10c; lb., 20c, postpaid. By freight, lb., 10c; 10 lbs. at 7c; 50 lbs. at 6c; 100 lbs. at 5½c. 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 land 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, postpaid.

### Wild Rice for Seed

As an attraction for wild fowl it cannot be equalled. In large ponds and lakes it purifies the water and affords a refuge for the small fry from the large fish, also furnishing them plenty of food from the animalculæ upon its stalks. For planting in fish ponds it is especially desirable. It also does well along the shores of marshes, and makes a good hay. In the South two crops can be cut, and all cattle are very fond of it. Pound 40c, postpaid. By express, bushel of 20 lbs., \$4.00. Write for prices on larger quantities.

## Parched Wild Rice

RAREST MOST DELICIOUS AND MOST NUTRITIOUS OF BREAKFAST FOODS

For a number of years past we have secured from the Chippewa Indians of the North, a quantity of parched Wild Rice for our own individual use as a breakfast food. Every year we have been obliged to increase our order so as to accommodate personal friends who ate it and liked it, with the result that we now sell several thousand pounds annually to individuals, hotels and clubs. **There is no Breakfast Food Like It.** It is cooked in the same manner as ordinary Rice, but possesses a flavor all its own. It is alike food for the athlete and for the most delicate invalids. Once used as an accompaniment to wild fowl, fish, etc., its popularity is permanently assured.

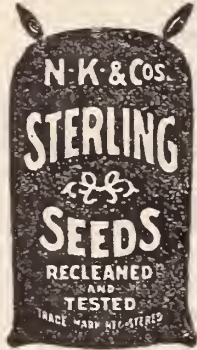
It may seem a little irregular to offer a breakfast food in a seed catalogue, but we are sure there are many of our customers who will be glad to know where they can obtain parched Wild Rice and those to whom the dish may be new and whose curiosity, or our recommendation leads them to try it, will thank us for having brought it to their attention. We will send directions for its use with every order, large or small.

Price for thoroughly re-cleaned seed, per lb., postage paid, 35c; by express or freight, per lb., 25c; 5 lbs. at 22c, 10 lbs. at 20c; 100 lbs. at 18c. Bags free.

# Grass and Clover Seeds

## AND The Plain Truth About "Grades"

N. K. & Co.'s Sterling Brand Seeds



Since we started this grade six years ago its quality has been unvaryingly maintained and it has achieved such a high reputation that unscrupulous dealers have taken advantage of that fact to palm off inferior and cheaper seeds as "STERLING." In order to protect ourselves, our customers and the good name of our "STERLING" Brand, on and after January 1st, 1902, every bag of grass or clover seed put out by us under the name of STERLING will be sold only in our sealed bags—every package bearing our name, our trade mark, and sealed at the top with a leaden seal. None other is genuine. For the convenience of our customers we are putting up the STERLING Brand Grass and Clover Seeds in 2½ bushels, 1 bushel, ½ bushel and ¼ bushel bags. Each one sealed and branded. All quotations made by us on STERLING Brand seeds include bags free. For the protection of ourselves and our customers we have made application to the Patent office at Washington to have the above design, also the word STERLING, as applied to Seeds, registered as our TRADE MARK.

### NORTHROP, 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 six 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. Anyone who buys our STERLING grades may return them at our expense, if, upon receipt and examination, they are found in any respect unsatisfactory, and money paid for same, both for seed and freight, will be PROMPTLY REFUNDED.

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.

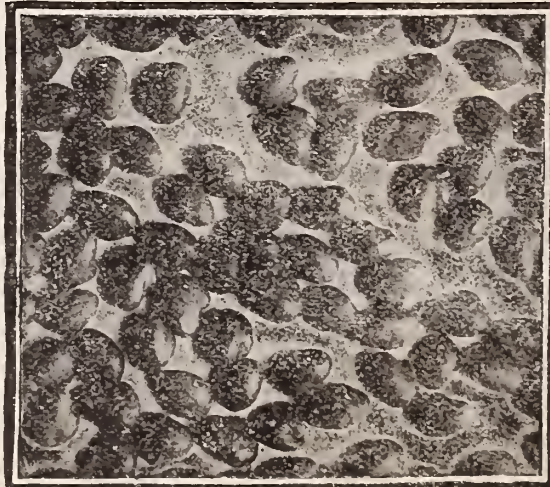
**CHOICE** means bright, clean seed of strong germination, but not considered by us sufficiently perfect in all particulars to go into our Sterling grade.

**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.

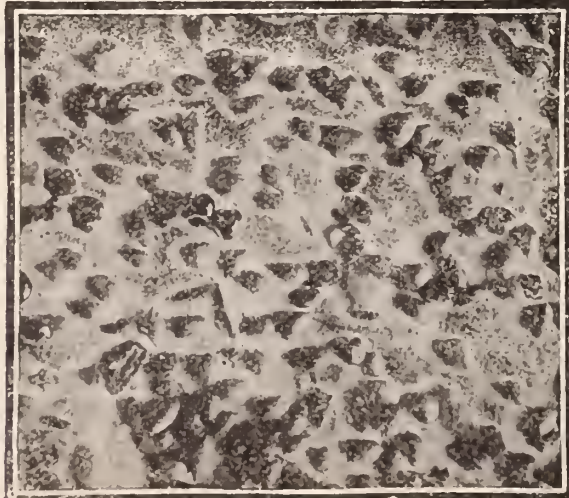
**FAIR**, or low grade seed, means worthless seed, with which no self-respecting farmer ought to insult his land.

## 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 Canadathistle, and no sample was found that WAS ENTIRELY FREE from WEED SEEDS."

FARMERS,  
THINK  
OF IT.



# 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 seedsman to give better assurance to the buyer than he is at present doing. The seedsman 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 seedsman, 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.

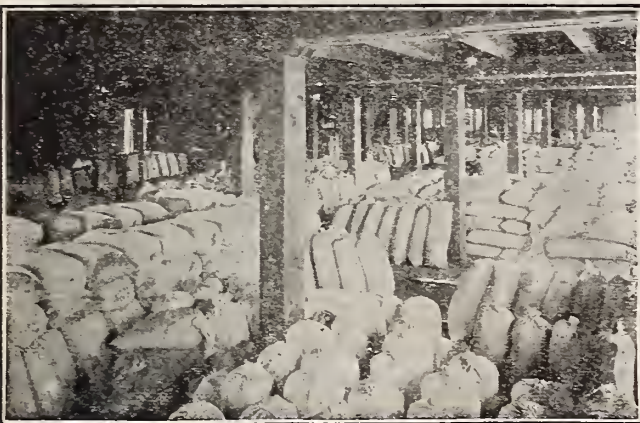
We hope that other seedsmen will prove their faith in their seeds by making similar terms for their highest grades when they offer such.

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."

# PRICES Grass, Clover and Millet Seed.

Prices on Grass, Clover and Millet seeds are so fluctuating in value that it is impossible for any one to accurately gauge future values. We have therefore decided to issue throughout the season, as frequently as market conditions render it necessary, A SPECIAL RED FIGURE PRICE LIST which will keep our thousands of customers in touch with the actual value of seeds, and which tells THE PLAIN TRUTH ABOUT GRADES. We shall not scatter these Special Red Figure price lists indiscriminately, but will promptly mail a copy of same upon receipt of a request for it, from those who wish to buy grass and clover seed. Remember a postal card will always bring one to you by return mail. Write us for it when you are ready to buy. For the benefit of those who wish to order early we quote the prices that are in effect at the time of going to press with this catalogue, (Jan. 1st, 1903.) These prices will be maintained as long as possible, but we reserve the right to forward seed to the value of the money sent us, according as the market is higher or lower. We wish to assure those who buy late in the season and have not time to write us for prices that they will receive fair treatment at our hands, and unless otherwise advised we will reduce or add to the quantity ordered, sufficient seed to give value for the amount of money remitted. We cannot emphasize the fact too strongly to those who do not wish to buy now, that it is to their advantage to write for our Special Red Figure Price List, and samples of our Sterling Grade of any variety of seed they want. A very large percentage of our customers now purchase our Sterling Grades (sold in sealed bags only) of grass, clover and millet seeds exclusively, and will not have any other. They have found it to their interest to pay a little more for this grade and be absolutely assured that they are getting the very best seed that money can buy anywhere at any price. Another fact on which we wish to lay special emphasis is this, if you are going to want our Sterling Grades of Grass, Clover or Millet seeds, do not delay too long in sending us your order. For several years past we have been obliged to decline orders amounting to thousands of dollars for our Sterling Grades, simply because we could not obtain sufficient seed of the right quality, for no matter how scarce good seed may be, we never allow the high standard that we have set for our Sterling Grade to deteriorate. Please note that we quote both by the bushel and hundred pounds. 25 lbs. or more supplied at 100 lb. rate. For any grass, clover or millet seed ordered sent by mail add 10 cents per pound for postage.

Remember that we are headquarters in the Northwest, for Vegetable, Field, Farm and Flower Seeds, and carry the largest stock. Our prices include bags.

## GRASS SEEDS--Leading Varieties.

	Lbs. required per acre if sown alone.			Lbs. required per acre if sown alone.		
	Lb.	Bu.	100 Lbs.	Lb.	Bu.	100 Lbs.
<b>TIMOTHY, N., K. &amp; Co.'s "Sterling" (finest)</b> .....	10	.10	\$2.70	\$6.00		
Choice.....	12	.09	2.23	4.95		
Prime.....	13	.08	2.14	4.75		
Fair.....	14	.07	1.85	4.10		
<b>RED TOP. (Free from chaff) "Sterling"</b> .....	10	.14		10.00		
Choice (Free from chaff).....	11	.10		8.50		
Prime " " ".....	12	.09		7.75		
Fair " " ".....	12	.08		7.15		
Choice (in chaff).....	28	.08	.91	6.50		
Prime " " ".....	30	.06	.62	4.40		
Fair " " ".....	32	.05	.55	3.90		
<b>KENTUCKY BLUE GRASS</b>						
N., K. & Co.'s "Sterling".....	20	.15	1.75	12.50		
Fancy.....	24	.14	1.59	11.35		
In chaff, 1st quality.....	30	.08	.86	6.10		
In chaff, 2d ".....	34	.07	.73	5.20		
<b>CANADIAN BLUE GRASS</b> .....	28	.10	1.18	8.40		
<b>MEADOW FESCUE. (English Blue Grass)</b> .....	24	.10	\$1.05	\$ 7.50		
<b>ORCHARD GRASS. "Sterling"</b> .....	22	.18	2.23	15.90		
Choice.....	24	.16	1.89	13.50		
Prime.....	28	.14	1.47	10.50		
<b>AWNLESS BROME GRASS. (Bromus Inermis.)</b> See page 36.						
<b>BROMUS ERECTUS.</b> The grand new grass for sandy soils. See page 36.						
<b>LAWN GRASS. N., K. &amp; Co.'s "Sterling" Mixture</b> .....	50					
N., K. & Co.'s Park Mixture....	56					
" Good ".....	60					
See pp. 84 and 85.						
<b>ENGLISH, or Perennial Rye Grass</b> .....	24	.09	.96	6.85		
<b>ITALIAN RYE GRASS</b> .....	24	.09	1.01	7.15		

## CLOVERS.

**WARNING.**—It has developed that, owing to short yields of clover seed in the United States, and the great European demand, 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.			Lbs. required per acre if sown alone.		
	Lb.	Bu.	100 Lbs.	Lb.	Bu.	100 Lbs.
<b>RED MAMMOTH. N., K. &amp; Co.'s "STERLING"</b> .....	8	16	8.40	14.00		
Choice.....	9	15	7.56	12.60		
Prime.....	10	14	6.90	11.50		
<b>RED MEDIUM. N., K. &amp; Co.'s "STERLING"</b> .....	8	16	8.28	13.80		
Choice.....	9	15	7.44	12.40		
Prime.....	10	14	6.90	11.50		
<b>ALSIKE OR SWEDISH. N., K. &amp; Co.'s "STERLING"</b> .....	8	20	11.04	18.40		
Choice.....	10	18	9.36	15.60		
Prime.....	12	16	7.80	13.00		
Mixed with Timothy. Write for samples and prices.						
<b>ALFALFA or LUCERNE. N., K. &amp; Co.'s "STERLING"</b> .....	16	.20	\$10.20	\$17.00		
Choice.....	18	.18	9.00	15.00		
Prime.....	20	.15	7.80	13.00		
Turkestan.....	20	.40	21.00	35.00		
<b>WHITE. N., K. &amp; Co.'s "STERLING"</b> .....	7	.40				
Choice.....	8	.35				
Prime.....	8	.25				
Write for prices on bushel lots.						
<b>SCARLET or CRIMSON, Choice</b> ... 20						
Prime.....	20					
Write for Prices						
<b>BOKHARA</b> .....	10					
<b>SAINFOIN or ESPARCETTE</b> .....	30					

## 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.			Pounds required per acre if sown alone.		
	Lb.	Bu.	100 Lbs.	Lb.	Bu.	100 Lbs.
<b>MEADOW FOX TAIL</b> .....	18	\$.30	\$24.00			
<b>SWEET VERNAL. Perennial. Rarely sown alone. With other grasses..</b>	5 to 8	1.00				
<b>SWEET VERNAL. Annual</b> .....	25	.20	13.00			
<b>TALL MEADOW OAT</b> .....	28	.25	19.00			
<b>YELLOW OAT—(True)</b> .....	25	.65	\$58.00			
<b>SHEEP FESCUE</b> .....	20	.25	30.00			
<b>TALL FESCUE</b> .....	25	.45	34.00			
<b>HARD FESCUE</b> .....	24	.20	11.00			
<b>WOOD MEADOW GRASS</b> .....	20	.50	41.00			
<b>ROUGH STALKED MEADOW</b> ....	20	.35	26.50			

Prices Subject to Market Changes.

# MILLETS AND BROOM CORN.

**M**ILLETS 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 apt to prove very misleading. When ready to buy, write us for prices, stating varieties and quantities wanted, and we will make special 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. This variety is also erroneously known as "Billion Dollar Grass." Write for prices.

**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 lbs., 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.

## 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.

**N., H. & Co.'s STERLING CLOVER GRASS MIXTURES.**

**FOR MEADOWS AND PERMANENT PASTURES.**



All authorities agree that for Pasture and Hay, the 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 Highest Germination, and our mixtures are based on a full appreciation of the requirements of different soils for which they are intended.

**“Very Economical.”**

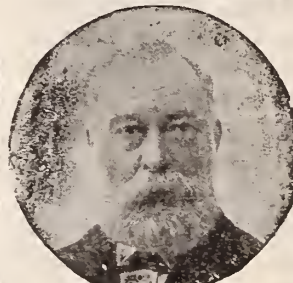


MR. A. H. POEHLER,  
Treas. H. Poehler Co.  
Grain Commission,  
Minneapolis.

“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.

**“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.

**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 these mixtures, 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 overflown.....	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 soil	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 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 today 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.



## SLENDER WHEAT GRASS

(*Agropyrum Tenerum*.)

Of Exceedingly Great Importance to Northwest-  
ern 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*, as it resists even greater extremes of drouth 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 sceder. 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., \$14.00; 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 subsoil, 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.

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

3rd. 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 offer the following growths of Alfalfa clover:

**TURKESTAN ALFALFA.** Seed of this, collected by Prof. N. E. Hansen, of South Dakota was disseminated by the Department of Agriculture several years ago 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., 50c, postpaid. By freight, 100 lbs., \$35.00.

**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 the 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., \$16.00.

**UTAH GROWN ALFALFA.** This is the seed commonly sold in this country. First quality, lb., 30c, postpaid. By freight, 100 lbs., \$15.00.

Alfalfa Seed is This Season a Very Short Crop and Price Ruling High.  
Demand is Very Heavy.



Field of Bromus Inermis being cut for seed.

**BROMUS INERMIS** DROUTH 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., \$15.00. 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., \$12.00. 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., \$9.00. 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.

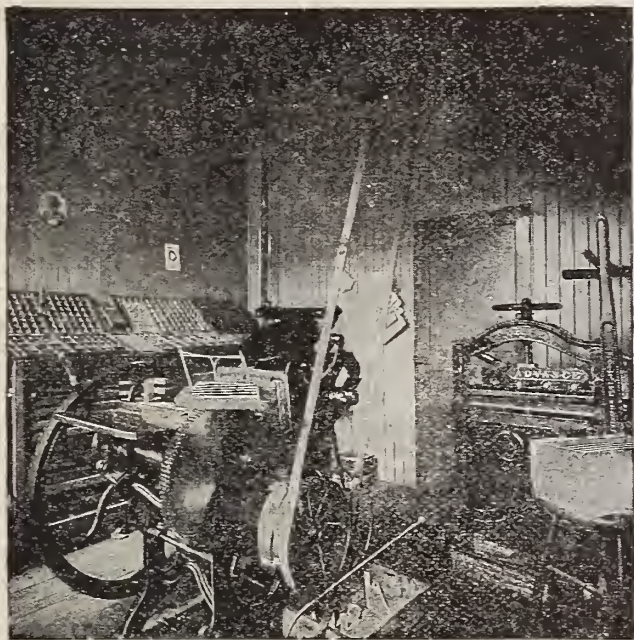
It resists any amount of burning heat, disappearing where permanent moisture of the soil is a feature. Shade will also kill it off, while frost does not affect it. Dr. Stebler, of the Experimental Station of Zurich, Switzerland, says: "For poor soil it is truly a blessing." Vilmorin, the noted agriculturist 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., \$18.00. Choice, lb., 30c, postpaid; by express or freight, at purchaser's expense, lb., 20c; 100 lbs., \$16.00.

# NORTHROP, KING & CO.'S SELECT LIST OF VEGETABLE SEEDS.

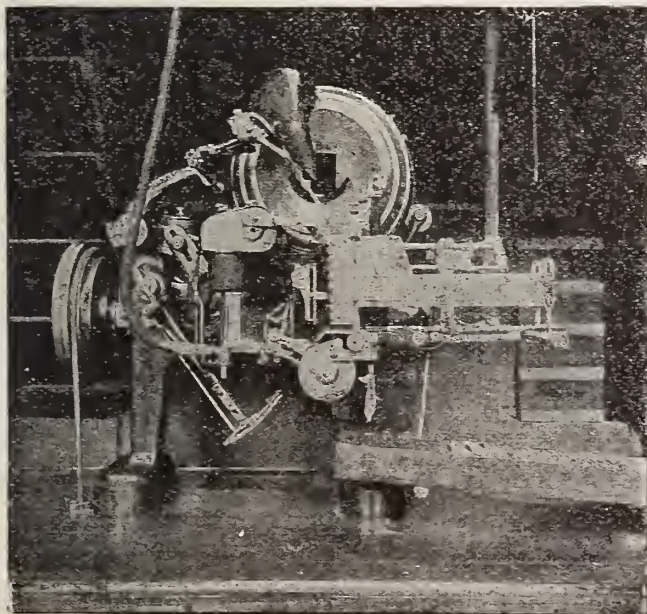
## Valuable Free Premiums.

With orders for Vegetable or Flower Seeds amounting to \$1.00 or over, at the prices named in this catalogue 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.



SEED BAG FILLING MACHINE.

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

## A WORD AS TO PRICES ON VEGETABLE SEEDS.

Our prices on Vegetable Seeds are based on the ordinary requirements of the Home and Farm Garden.

Market Gardeners and others using large quantities are invited to send us a list of their requirements for our special prices. PLEASE NOTE CAREFULLY THAT

We pay the postage and guarantee safe delivery of all seeds sent by mail.

If Vegetable Seeds are ordered to be sent by Express or Freight at purchaser's expense:

Deduct 10c per lb. from postpaid prices on seeds quoted by ¼ lb., ½ lb. and 1 lb.

Deduct 5c per pint, 10c per quart on Corn.

Deduct 7c per pint, 15c per quart on Peas and Beans.

Everything quoted by peck, bushel or 100 lbs., is delivered to any Express or Railroad office in Mpls. without charge for bags, boxes or cartage, the purchaser paying the transportation charges as the amounts usually charged for postage have been deducted by us before making prices on these lots.



Facsimile of Gold Medal awarded Northrup, King & Co., at the International Exposition. The only Gold Medal awarded for seeds.

## "Vegetable Gardening."

By Samuel B. Green,

Professor of Horticulture, University of Minn.

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 every-

thing 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.



MR. S. B. GREEN.

# An Important Thing to Consider

IN

**C**OMPARING 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 vegetable seeds are ordered by Express or Freight at Purchaser's expense, deduct at the rate mentioned on page 37.



## ARTICHOKE SEED.

(For Roots see page 67)

✓ **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 pg. 67.)

✓ **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.

## Owing to Crop Failure Beans Are Scarce and High.

✓ **BLACK WAX IMPROVED PROLIFIC.** Very early. Pods round, full, stringless, fine quality. Pkt., 5c; lb., 25c; qt., 50c; pk., \$2.00.

✓ **BLACK WAX.** Challenge. Extra strain of Dwarf Black Wax. Pkt., 5c; lb., 25c; qt., 50c; pk., \$2.00.

✓ **BLACK WAX.** Currie's Rust Proof. Flat pods. Very early and productive. Pkt., 5c; lb., 25c; qt., 50c; pk., \$1.75.

✓ **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., 30c; qt., 50c; pk., \$2.00.

✓ **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., 50c; pk., 2.00.

✓ **DETROIT WAX.** An improved Golden Wax, and less liable to rust. Pkt., 5c; lb., 25c; qt., 50c; pk., \$1.75.

✓ **GOLDEN EYE WAX.** Very early. Free from rust. Pods yellow, flat. Pkt., 5c; lb., 25c; qt., 50c; pk., \$1.75.

✓ **GOLDEN WAX.** (Improved.) Early, flat, yellow pod, popular sort. Pkt., 5c; lb., 25c; qt., 50c; pk., \$1.75.

✓ **PERFECTION WAX.** Yellow, flat, stringless pods, early and more productive than Golden Wax. Pkt., 5c; lb., 25c; qt., 50c; pk., \$2.00.

✓ **PINK EYE WAX.** Early. Resembles Detroit Wax. Pkt., 5c; lb., 25c; qt., 50c; pk., \$2.00.

✓ **REFUGEE WAX.** Very productive; early. For early or late sowing. Pkt., 5c; lb., 25c; qt., 50c; pk. \$1.75.

✓ **WARDWELL'S KIDNEY WAX.** Pure Wax Pods, long, flat and not likely to rust. Pkt., 5c; lb., 30c; qt., 60c; pk., \$2.25.

✓ **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., \$2.25.

## 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., \$1.50.

✓ **BOSTON FAVORITE.** (Goddard.) Pods green, splashed with red. Pkt., 5c; lb., 25c; qt., 50c; pk., \$1.50.

✓ **CHINA RED EYE.** Early. Continues long in bearing. Pkt., 5c; lb., 25c; qt., 50c; pk., \$1.50.

✓ **EARLY MOHAWK.** Can be planted earlier than most beans on account of its hardness. Pkt., 5c; lb., 25c; qt., 50c; pk., \$1.50.

✓ **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., 25c; qt., 50c; 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., 20c; qt., 40c; pk., \$1.25.

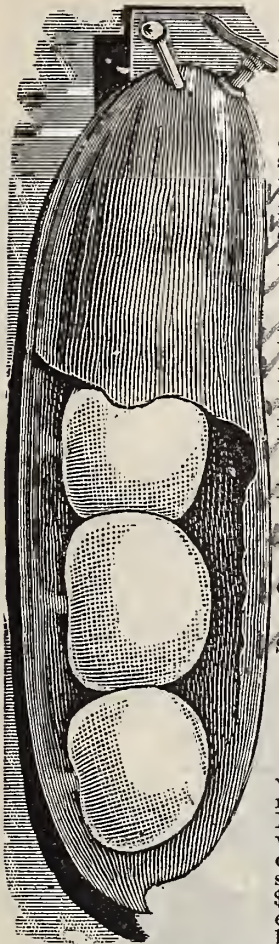
✓ **REFUGEE.** Late or 1000 to 1. The best pickling sort. Pkt., 5c; lb., 20c; qt., 40c; pk., \$1.25.

**Our Packets of Beans Contain on an Average about 100 Seeds.**

WRITE FOR SPECIAL PRICES ON LARGE LOTS.

If by Express or Freight at Purchaser's Expense, Deduct 10c per lb. or 15c per quart from above Prices.

**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.



**NEW DWARF LIMA BEAN.**  
One-half natural size.

**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.

	Pkt.	Qt.	1/4bu.
BURPEE'S. Most popular sort. Seed large.....	10c	60c	\$2.00
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	50	2 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?

	Pkt.	Qt.	Pu.	Pkt.	Qt.	Bu.
CHOICE NAVY.....	5c	40c	\$3.00	RED KIDNEY.....	5c	50c \$3.50
" 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, \$1; bu., \$3.50; 10 bu. @ \$3.25.

This engraving is from a photograph taken by ourselves of a vine of the California Wonder or Improved Tree Bean, sent us by Emma Stone, of Mora, Minn., which bore 156 pods, and which shelled out 864 beans, the product of a SINGLE BEAN.



**"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."

If by Express or Freight at Purchaser's Expense, Deduct 7c per pint or 15c per quart from above Prices.



# 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.

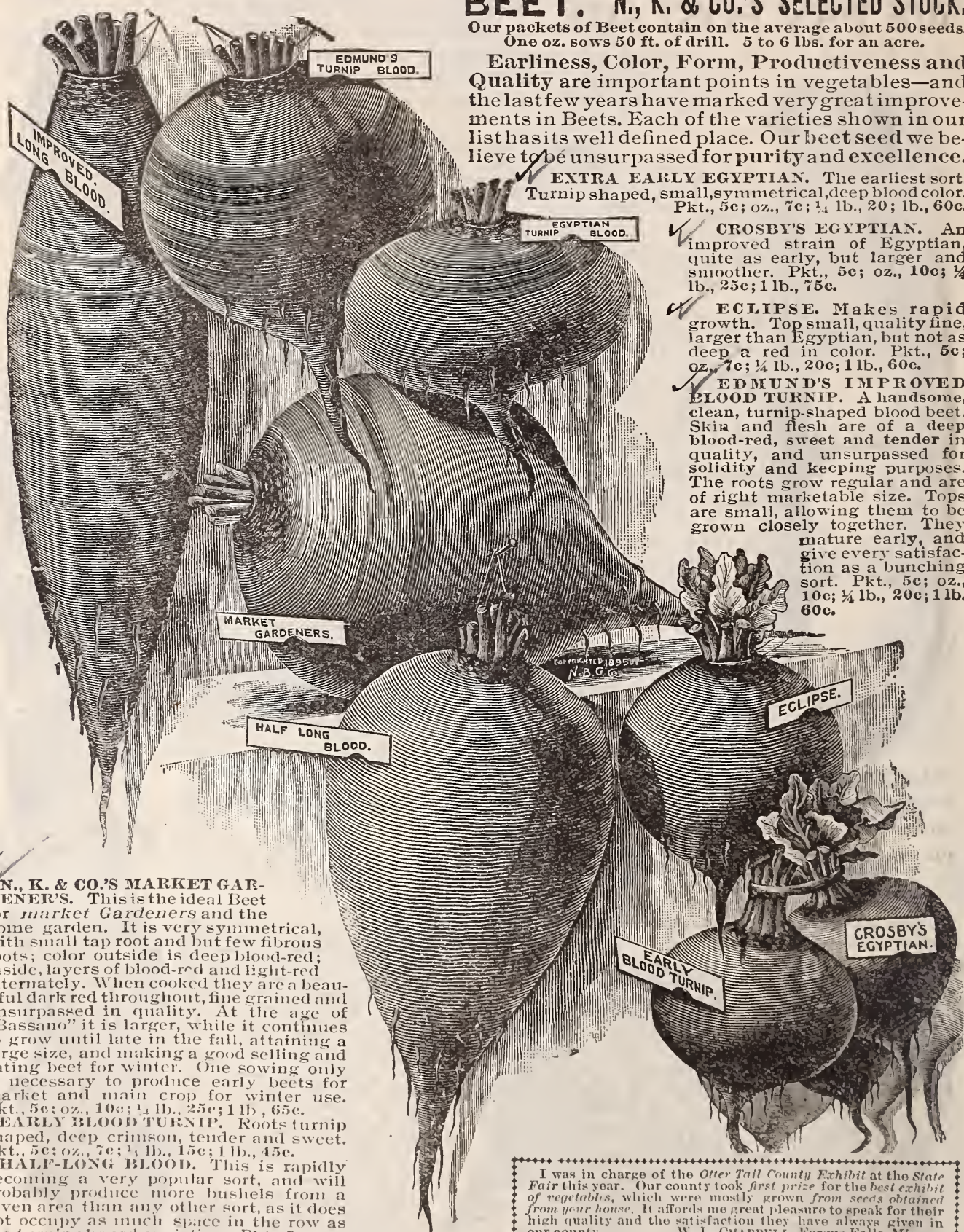
**Earliness, Color, Form, Productiveness and Quality** are important points in vegetables—and the last few years have marked very great improvements in Beets. Each of the varieties shown in our list has its well defined place. Our beet seed we believe to be unsurpassed for purity and excellence.

**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 GARDENERS.** 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 9.**  
**FOR SUGAR BEET (FINEST STRAINS), SEE PAGE 9.**

If by Express or Freight at Purchaser's Expense, Deduct 10c per lb. from above Prices.

Northrup, King & Co.'s

## STERLING BEET.

**I**N 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 unequaled 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., 25c; lb., 75c, 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 being 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."

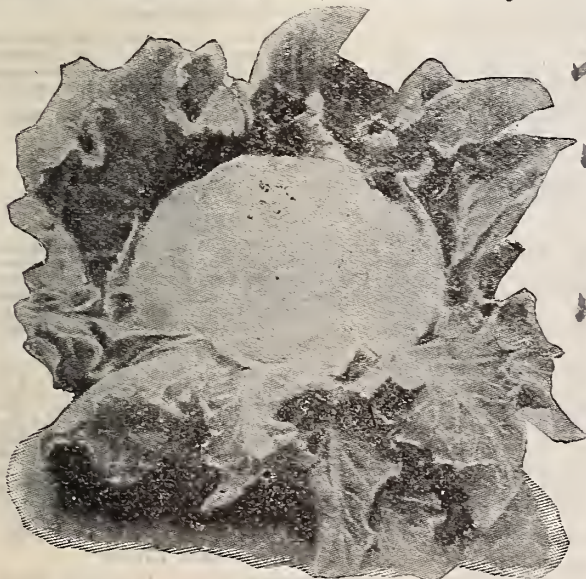
**BORECOLE OR KALE.** **DWARF GERMAN KALE.**—German Greens or Sprouts. (Dwarf Curled Scotch Kale.) This is more hardy than Cabbage and makes excellent greens for winter and spring use. The leaves are curly, bright green, very tender and delicate in flavor. Sow seed in May or June, transplant in July, 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.

If by Express or Freight at Purchaser's Expense, Deduct 10c per lb. from above Prices.

# 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., 30c; ¼ lb., 1.00; lb., \$3.00.

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 4¼ lbs. each, and this with very little care. It will hereafter be my early and principal cabbage." In 1893 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 872 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. EICKEL, 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 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' Best 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.

If by Express or Freight at Purchaser's Expense, Deduct 10c per lb. from above Prices.





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

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., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.00.

**"No Crop Failures Now."**

I have come to the conclusion that yours are the best all around seeds that I have ever sowed. One thing is sure. I have had less failures since I had your seeds than before, and last year I planted some thirty acres to garden.

I went through your seed house last week, and everyone seemed to be so busy I did not ask any one to show me around, but went around myself, and I guess I saw most of it. It is a great establishment and there are an awful pile of seeds, and I hope your business will keep growing, for Northern Grown Seeds are the thing.

FRANK T. PHILLIPS,  
 Box 59, New Richmond, Wis.

**HOLLAND CABBAGE.)**

(Genuine Danish Grown Stock)

Most Remarkable Late Cabbage yet produced. Heads Hard and Solid—Fine grained and Tender. Entirely Distinct in Color.

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 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;  $\frac{1}{4}$  lb., 75c; lb., \$2.50.

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.



If by Express or Freight at Purchaser's Expense, Deduct 10c per lb. from above Prices.

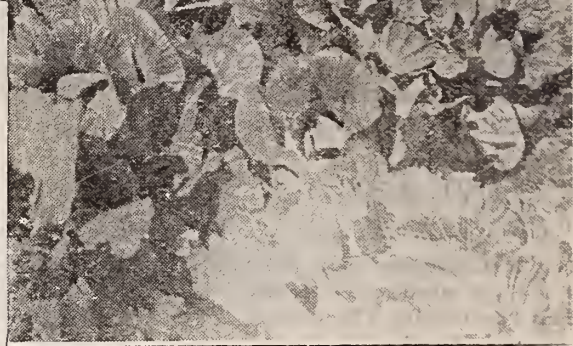


**B**USINESS is not all pleasure, but it has its compensations in such expressions as are contained in the following letter voluntarily sent us by Mr. W. W. Pendergast, President of the Minnesota State Horticultural Society;

Hutchinson, Minn., October 5th, 1902.

*"I have depended mainly on your house for seeds and plants for the past ten years, and found everything satisfactory and of the highest quality. Honesty and fair dealing have been the undeviating rule and your seeds, unless otherwise specified, have been adapted to the wants of the Northwest. When you say a plant is iron-clad, it will prove hardy even in this trying climate.*

*Yours very truly, W. W. PENDERGAST.*



Field of N. K. & Co.'s Selected Late Flat Dutch Cabbage Grown at the Minnesota State Farm

## CABBAGE. Standard Varieties.

**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;  $\frac{1}{4}$  lb., 60c; lb., \$2.00.

**CHARLESTON WAKEFIELD.** A large and superior strain of the Jersey Wakefield. Pkt., 5c; oz., 30c;  $\frac{1}{4}$  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;  $\frac{1}{4}$  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., 20;  $\frac{1}{4}$  lb. 75; lb., \$2.50.

**EXPRESS.** The earliest of all. Small solid heads, fine quality. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  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;  $\frac{1}{4}$  lb., 50c; lb., \$1.75.

**EARLY YORK.** Largely grown for early use. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

**SUCCESSION.** About a week later than the early Summer, but double the size, fit for exhibition; sure header. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60; lb., \$2.00.

**ALL SEASONS.** A fine second early; attains a large size. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.60.

**LARGE LATE DRUMHEAD.** Main crop; winter. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75.

**DRUMHEAD SAVOY.** Fine quality. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.50.

**ROCK RED.** Best Red sort. Much used for pickling. Pkt., 5c; oz., 15;  $\frac{1}{4}$  lb., 50c; lb., \$1.50.

**HENDERSON'S EARLY SUMMER.** D 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;  $\frac{1}{4}$  lb., 50c; lb., \$1.75.

**NORTHROP, 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;  $\frac{1}{4}$  lb., 50c; lb., \$1.75.

**AUTUMN KING or WORLD-BEATER.** An extremely large and solid heading variety, well suited for fall and winter; leaves are dark bluish green which grow closely around the heads which are somewhat flattened. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.25.

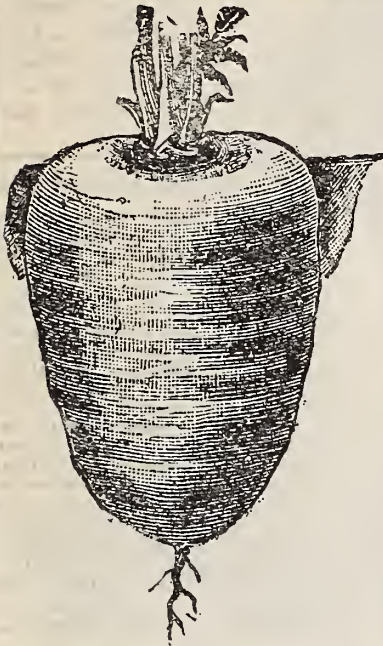


Early Jersey Wakefield.

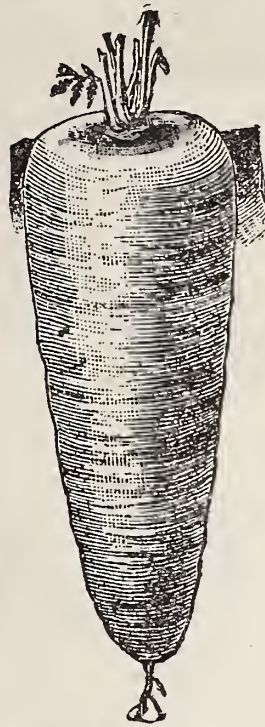
If by Express or Freight at Purchaser's Expense, Deduct 10c per lb. from above Prices.

# CARROT

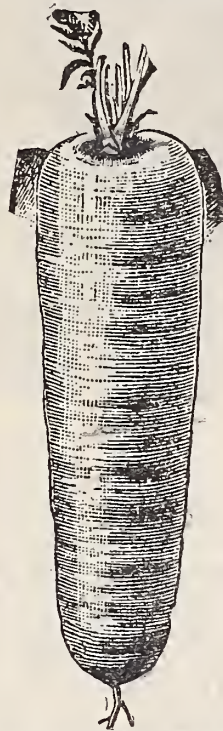
Our packets of Carrot contain on the average about 6,000 seeds. One ounce will sow One Hundred Feet of Drill, 3 to 4 pounds for one acre.



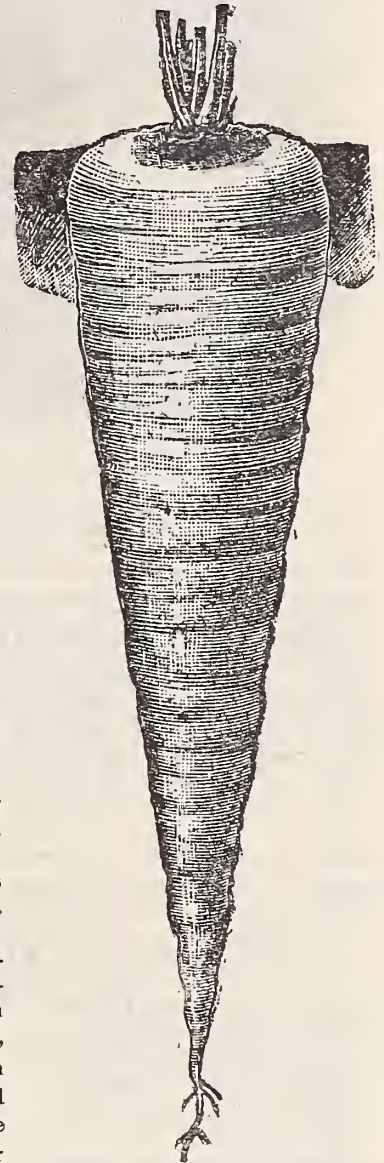
**OXHEART or GUERANDE**



**Early Scarlet Horn**



**Danver's Half Long**



**Improved Long Orange**

**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., 80c, 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. 20c; lb., 75c, postpaid.

**OXHEART, or GUERANDE.** This fine and very popular Carrot is intermediate as to length between the half long varieties (such as Danver's) 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., 75c, postpaid.

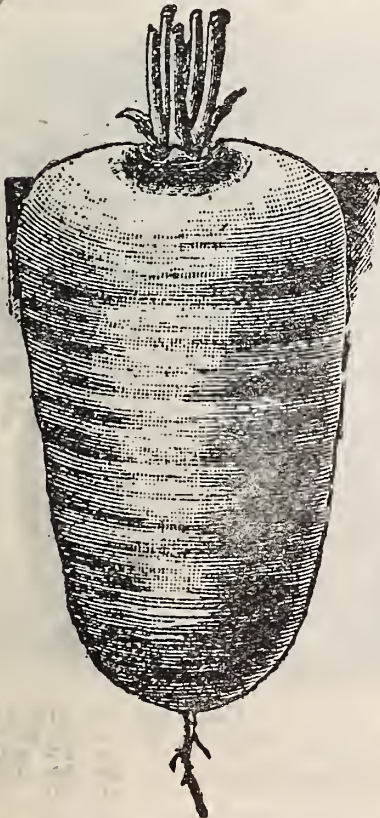
**CHANTENAY.** As a table variety it is first-class; in shape it is larger than the Scarlet Horn, and also broader at the shoulder. The flesh is of a beautiful, rich, orange color, and of the finest quality; it is medium early, with small tops. Roots taper slightly but are uniformly stump rooted. Gives great satisfaction in both the market and private garden. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 75c, 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., 70c, postpaid.

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

## FOR STOCK FEEDING CARROTS SEE PAGE 10.

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.**



**Chantenay**

If by Express or Freight at purchaser's expense deduct 10c per pound from above prices.

**NORTHROP, KING & CO.'S  
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; ½ oz., \$1.25; oz., \$2.00; ¼ 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; ¼ oz., 60c; ½ oz., \$1.00; oz., \$1.75; ¼ lb., \$6.00; lb., \$20.00.

**EXTRA EARLY DWARF ERFURT.** The finest strain procurable. Short stem, very fine stock. Pkt., 15c; ½ oz., 75c; oz., \$1.25; ¼ lb., \$5.00; lb., \$15.00.

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

**WALCHEREN.** Very late and hardy. Pkt., 10c; oz., 35c; ¼ lb., \$1.00.

**AUTUMN GIANT.** Large, late. Pkt., 10c; oz., 35c; ¼ 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; ¼ lb., \$1.50; lb., \$5.00.

Large pkt. Oz. ¼lb. 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  
SELF  
BLANCHING—  
N., K. & CO.'S  
PRIVATE  
STOCK**



Large pkt. Oz. ¼lb. Lb.

If by Express or Freight at Purchaser's Expense, Deduct 10c per lb. from above Prices.

# NORTHRUP, KING & CO.'S SENSATIONAL NEW SWEET CORN "PEEP O' DAY."

Ten Days Earlier than Any Other Variety.

WHAT product of the garden is so eagerly awaited as the first Sweet Corn of the season?—not the tasteless, discouraged, premature corn, shipped from long distances, worthless when picked and unfit for human food when it arrives, but the real, tender, juicy, SWEET CORN ready for use before the summer has really commenced. Such a Sweet Corn is Northrup, King & Co.'s Peep o' Day. Read the following remarkable statement made by J. W. Gray, of Trempealeau, Wisconsin.

"The 'Peep o' Day' Sweet Corn I had of you last Spring gave me corn fit for the table JUNE 25TH. I saved seed from that crop and raised a second crop, and saved seed from the second crop for next year's planting."

Other characteristics of the Peep o' Day in addition to its extreme earliness are its extraordinary tenderness, and sweetness, surpassing in these particulars any other Sweet Corn. Few of the early varieties are as sweet as the Late or Evergreen sorts, not so with the PEEP O' DAY. It is the sweetest corn of which we have knowledge. We do not know why this is so—simply that it is so.

Many of our customers who have been in the habit of planting several varieties for a succession now plant Peep o' Day alone, making their plantings a few days apart so as to have this delicious corn for their table throughout the entire sweet corn season.

Another point of merit in the "Peep o' Day" is the size of the cob—it is delicate and dainty, just right to handle at the table. Ladies who like sweet corn will no longer be obliged to hide their lovely features behind an unsightly cob of corn while securing the succulent kernels.

No Market Gardener can afford to be without Peep o' Day. It will prove the best money maker in ANY garden, as the earliest corn always commands the highest prices. Gardeners can also realize a large return on their investment by selling to their neighbors any surplus seed they may have and are disposed to part with.

BOYS, here is a chance to make money. Get an acre or half acre or vacant lot and convert it into a sweet corn farm. You will be surprised to find how many people in every town and city are really hungry for good sweet corn, and how gladly they will buy it from you. It is not an unusual thing to take several hundred dollars from an acre of sweet corn.

**Description and Cultivation:** The ears of Peep o' Day corn average about 6 inches in length and are perfect in form. In habit of growth Peep o' Day is very distinct. The stalks grow from 3 to 4 feet in height, 3 to 5 ears on the stalk. The stalks being so small they may be allowed to stand very closely together. The seed may be planted either in hills or in rows. If the former, plant 6 or 7 kernels in a hill, later thinning out so as to leave 4 plants to each hill. If in rows and not in hills, drop the seed about 6 inches apart and (if planted early) cover about 1 inch deep. Later plantings should be put in deeper. Eight to 10 quarts will plant an acre.

PRICE, Large Packet 10 cts.; Pound 30 cts.; Quart 50 cts.; 2 Quarts 90 cts.; by mail postage paid. By express or freight, qt., 40c; 2 qts., 70c; peck \$1.75; one-half bushel \$3.00; bushel \$5.00; two bushels \$8.00.

What Those Who Have Tried N., K. & Co.'s "Peep o' Day" Say About It.

"Ahead."

Your PEEP O' DAY Sweet Corn gave me good ears of the best flavored and sweetest very early corn that I have ever been able to get. I shall plant it again. It is far ahead of the Cory in earliness and sweetness"

ROBT. W. CURTIS, Stratford, Conn.

"Much Pleased."

"I am very much pleased with your PEEP O' DAY Sweet Corn. It is all right."

RICHARD GOLDSCHMIDT, Swiss, Wis.

"A Week Earlier,"

"Every seed of the PEEP O' DAY Sweet Corn came up. It was a week earlier than any other. The stalks had more well-filled ears than any other variety I have ever tried."

MRS. JULIA MCNAUGHTON, Aberdeen, S. D.

"Fine."

"Your PEEP O' DAY was fine in every way. You will get a larger order from me another year." BELLE BARTLETT, Watertown, S. D.

"The Delight of My Garden."

"The delight of my garden this summer was the PEEP O' DAY Corn I received from you. Notwithstanding the drouth it grew profusely. It outdid anything I ever saw. I hope not to be without it again. It reminded me of your illustration as I would visit it each day."

MRS. S. J. AUGUSTUS, Cando, N. D.

"Earliest of the Year."

"PEEP O' DAY Sweet Corn was the earliest corn of the year; ahead of either Cory or White Cob Cory and SWEET. The cob is white, kernels pearly white, ears averaging six inches in length, exceptionally good for early market or home consumers." REV. J. R. LAWRENCE, (Eden Trial Grounds), Lanesboro, Mass.

"Ten Days Earlier."

"We think PEEP O' DAY Sweet Corn very fine and we had it earlier than our neighbors. We call it about 10 days earlier than any other corn." MRS. GRANT CURRIE, Currie, N. Y.

"I Heartily Recommend It."

"I have not the language to express our appreciation of the good qualities of your PEEP O' DAY Sweet Corn. It scarcely waited to get out of the ground before it began to send out ears. I heartily recommend this corn for earliness, well filled ears, the great number of ears, and the good quality of the corn."

ANNA CARTER, Albion, Iowa.

"Your PEEP O' DAY Sweet Corn is very early and very fine." D. G. EDGERTON, Carbondale, Colo.

"Earliest."

"The PEEP O' DAY Sweet Corn was fine and the earliest I ever had. It is fine for the table and just the right size," MRS. E. JOHNSTON, Holt, Mont.

"Out of Sight."

"PEEP O' DAY Corn is all you recommend it to be. It is out of sight for earliness and is sweet." W. J. GARRISON, McMinnville, Ore.



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**

SCARCE AND HIGH IN PRICE THIS SEASON.

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. Peck

MAMMOTH WHITE CORY. A very early strain of Cory corn. Has the largest kernel and ear.....	5c	30c	\$1.25
EXTRA EARLY WHITE CORY. Earliest variety (except Peep of Day); excellent quality.....	5	30	1.25
EXTRA EARLY CORY. Resembles the White Cory, but with red cobs.....	5	30	1.25
KENDAL'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	35	1.50
EARLY MINNESOTA. A standard early sort, excellent quality.....	5	30	1.25
BURPEE'S FIRST OF ALL. Ears good size, sweet and tender.....	5	30	1.25
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	30	1.25

**SECOND EARLY**

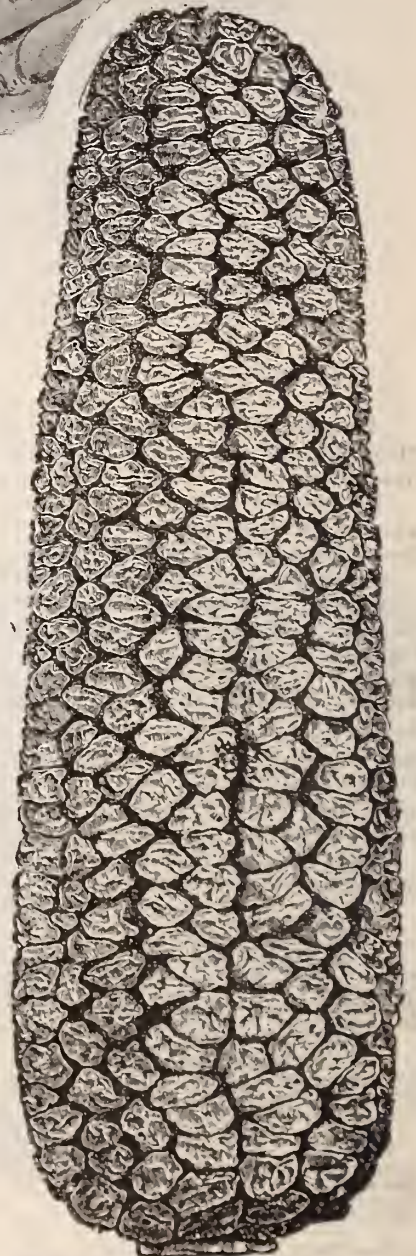
PORTLAND SWEET CORN. This variety is not quite as early as the Cory, but nearly so, and it will pay you to wait a few days for it. In sweetness and delicacy of flavor it excels any early Sweet Corn grown. Private families pronounce it the best. Market gardeners capture the trade with it.....	5	30	1.25
CROSBY. Most excellent quality.....	5	30	1.25
NONE SUCH. Large ears of excellent quality.....	5	30	1.25
PERRY'S HYBRID. Largest eared of any of the early varieties.....	5	30	1.25
MOORE'S CONCORD. Productive; ears large; quality excellent.....	5	30	1.25
HICKOX' IMPROVED. Ears very handsome, very white and rich in flavor.....	5	30	1.25

**LATE**

N., K., & CO.'S ZIG ZAG EVERGREEN. Furnishes corn of the finest quality up to the time of frost.....	10	35	1.50
STOWELL'S EVERGREEN. One of the most popular varieties.....	5	35	1.50
OLD COLONY. A favorite in the East. Very sweet.....	5	35	1.50
BLACK MEXICAN. Grains black. Very sweet.....	5	35	1.50
EGYPTIAN. Very sweet and tender.....	5	35	1.50
LATE MAMMOTH. Large ears, rich and sweet.....	5	35	1.50
COUNTRY GENTLEMEN. Ears large, rows irregular, delicious.....	5	35	1.50
SWEET FODDER CORN. (See Field Seeds, page 24.)			

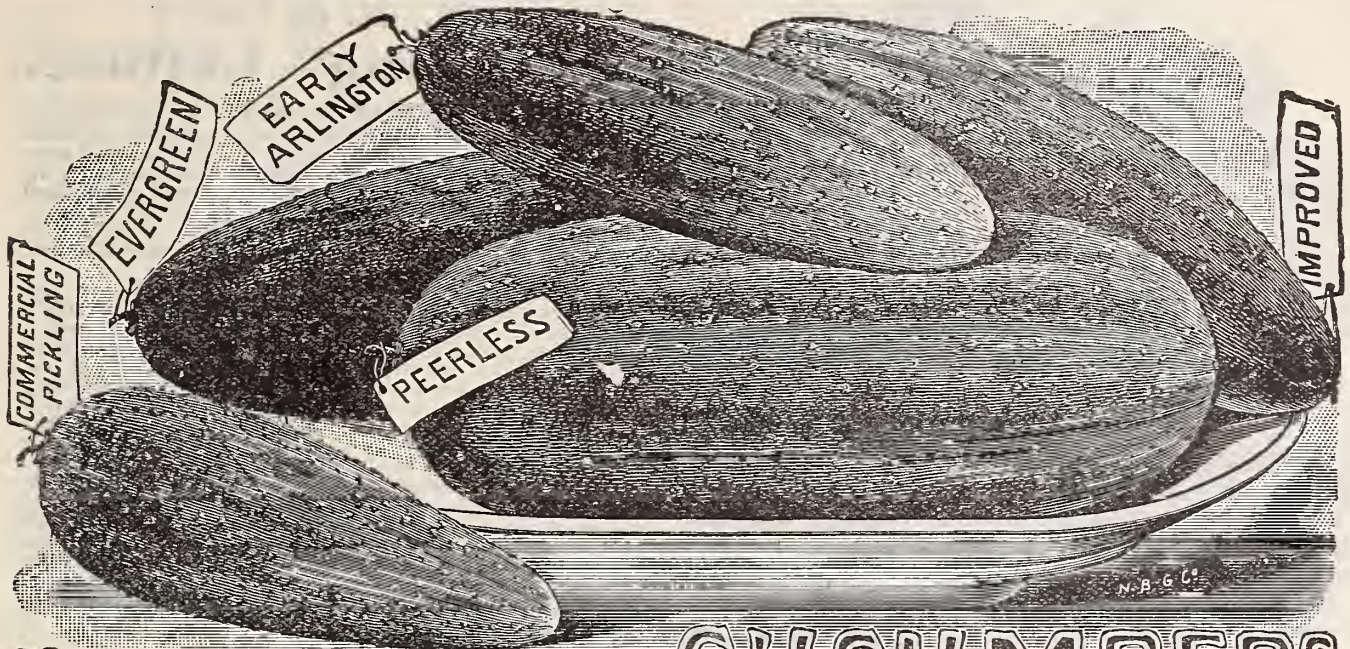
Write for Special Prices on larger quantities.

For Field Corn see pages 16, 17, 18, 19, 20, 21, 22, 23 and 24.



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

If by Express or Freight at Purchaser's Expense, Deduct 5c pint, 10c quart from above Prices.



## Types of WHITE SPINE CUCUMBERS

The 1902 crop of Cucumber Seed was almost a complete failure, that there is a very great shortage of seed is not to be doubted. While there will probably be sufficient to go around in a packet seed way, planters who need any considerable quantity of Cucumber, or, indeed of any other Vine Seeds, especially Musk Melon and Squash, will do well to secure their requirements at an early date.

### N., K. & CO.'S STERLING CUCUMBER, the best General Purpose Variety.

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.
- 3rd. 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.

**NOTE**—Our crop of this splendid variety shared the same fate as other sorts and we have so very little of it to sell that we cannot offer it in larger quantities than as follows: Pkt., 10c; oz., 25c.

### CUCUMBER

✓ **NORTHRUP, KING & CO.'S SIBERIAN.** The earliest. Pkt., 5c; oz., 15c; ¼ lb., 50c.

✓ **NORTHRUP, 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. Pkt., 5c; oz., 20c; ¼ lb., 60c.

✓ **EARLY GREEN CLUSTER.** Fruit small, grows in clusters, prolific. Pkt., 5c; oz., 15c; ¼ lb., 50c.

✓ **WHITE SPINED.** Improved. Not as early as Our "Sterling." Particularly recommended for table use. Pkt., 5c; oz., 15c; ¼ lb., 50c.

✓ **WHITE SPINED PEERLESS.** Larger than the improved, but not quite as early. Pkt., 5c; oz., 15c; ¼ lb., 50c.

✓ **WHITE SPINED EVERGREEN.** Deep blue-green, one of the best for shipping. Pkt., 5c; oz., 15c; ¼ lb., 50c.

✓ **WHITESPINED COMMERCIAL PICKLING.** Splendid pickling variety, fruit small, covered with spines. Pkt., 5c; oz., 15c; ¼ lb., 50c.

✓ **LONG GREEN.** A popular variety for pickling and slicing. Large pkt., 5c; oz., 20c; ¼ lb., 60c.

✓ **NICHOLS' MEDIUM GREEN.** A fine table sort. Pkt., 5c; oz., 15c; ¼ lb., 50c.

✓ **CROSSE & BLACKWELL PICKLING.** Makes splendid pickles. Pkt., 5c; oz., 15c; ¼ lb., 50c.

✓ **GIANT PERA.** Very large, smooth skin, few seeds splendid for slicing. Large pkt., 5c; oz., 15c; ¼ lb., 50c.

✓ **JAPANESE CLIMBING.** Excellent for frames or open ground; can be trained on a trellis. Pkt., 5c; oz., 20c; ¼ lb., 60c.

✓ **EARLY FRAME or SHORT GREEN.** Fruit straight, bright green. Large pkt., 5c; oz., 15c; ¼ 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. Pkt., 5c; oz., 20c; ¼ lb., 60c.

✓ **JERSEY PICKLING.** Fruit long and slender. Pkt., 5c; oz., 15c; ¼ lb., 50c.

✓ **GHERKIN.** A small oval, prickly variety, distinct from all others. Large pkt., 5c; oz., 15c; ¼ lb., 50c.

### 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 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 makes 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.

If by Express or Freight at Purchaser's Expense; Deduct 10c per lb. from above Prices.



## 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 unequaled.

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; 1/4 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 U. S. 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. 1/4 lb. Lb.

BIG BOSTON. (W. S.) Fine for forcing; also for open ground culture.....	5c	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.....	5	8	25	80
BUTTERCUP. (W. S.) Early, solid, small heads good for either forcing or out-door culture.....	5	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.....	5c	8c	25c	80c
SALAMANDER. (B. S.) Forms fine, compact heads. Withstands intense heat.....	5	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.....	5	8	25	80



Large pkt. Oz. 1/4 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.....	5	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	5	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.....	5	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

EARLY CURLED SIMPSON. (W. S.) A popular early sort; forms large loose heads.....	5	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....	5	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.....	5	8	20	70

### 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.....	5	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....	5	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.....	5	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

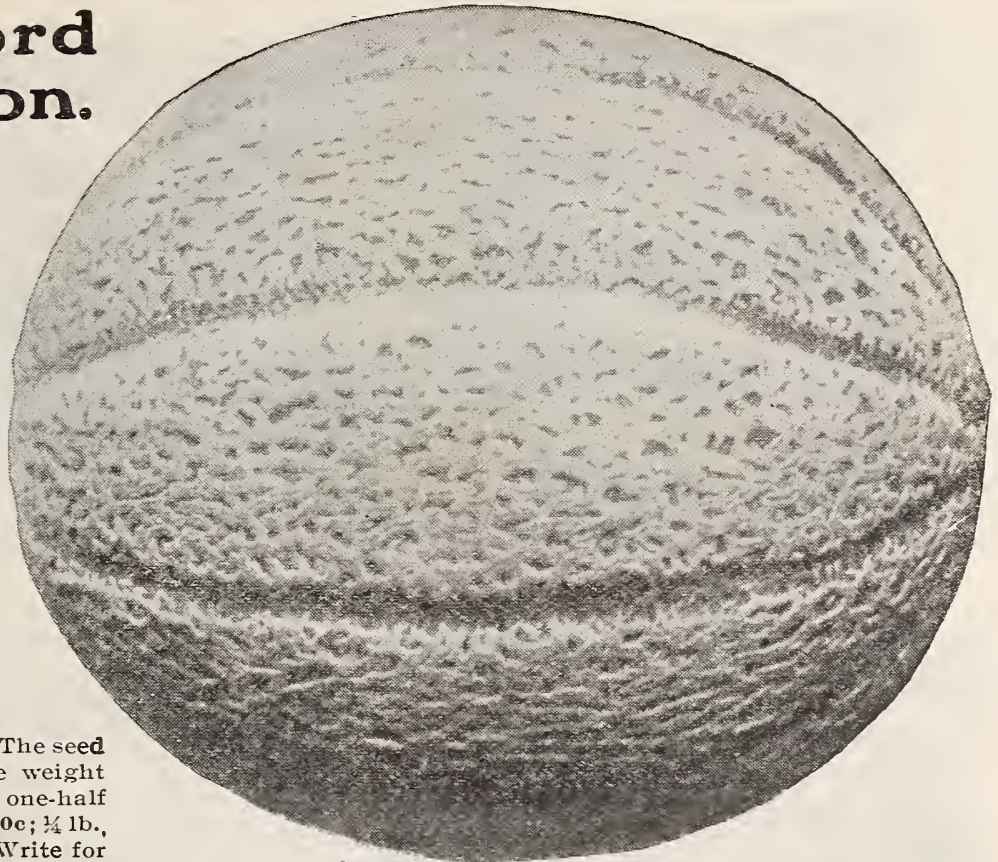


If by Express or Freight at Purchaser's Expense, Deduct 10c per lb. from above Prices.



# Rocky Ford Musk Melon.

This 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. The popularity of the melon is best attested by the fact that about one thousand carloads of them were shipped last season from Rocky Ford to all parts of the United States—to say nothing of the large quantities grown and shipped from other stations. The melon itself, when ripe, should have a silver colored laced like veiling. The flesh is green and so sweet and melting as to be eaten close to the rind. The seed cavity is very small. Average weight of the melon is about one and one-half pounds. Price: Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c, postpaid. Write for special prices on large quantities.



## Leading Varieties MUSK MELON Crop Very Short

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

### Northrup's Yellow-Meated Japan Musk Melon

This, which we consider the best of all melons, was an entire failure the past season, and our customers with whom they had become a great favorite will share our disappointment. Beyond our planting stock for next spring, which we always reserve, we have but a few pounds which we offer to first purchasers as long as it lasts at our usual price of 10 cents a packet. Only one packet to each purchaser.

	Large pkt.	Oz.	¼ lb.	Lb.
EARLY NETTED GEM. Very early, small, coarsely netted, green flesh, fine flavor.....	5c	10c	30c	95c
EXTRA EARLY HACKENSACK. Very popular in some markets. Heavily ribbed, coarsely netted.	5	10	35	1.15
BALTIMORE or ACME. Fruit medium size, oval, netted; flesh thick, green, sweet.....	5	10	30	95
COSMOPOLITAN. Fruit oval, light green, netted, flesh green, sweet and highly flavored.....	5	10	25	80
MONTREAL. Fruit very large, spherical, flesh light green, juicy and sweet.....	5	10	35	1.25
OSAGE, OR IMPROVED MILLER'S CREAM. Medium sized, dark green in color; flesh deep salmon, very thick and of splendid flavor...	5	10	35	1.25
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	10	40	1.50
GOLDEN EAGLE. (New.) Fruit oval; flesh very thick.....	5	10	30	1.00
TIP TOP. Yellow flesh; uniformly good.....	5	10	30	1.00
LONG ISLAND BEAUTY. Very early; fine quality.....	5	10	50	1.75
MELROSE. A very hardy, early, vigorous variety.....	5	10	25	85
EXTRA EARLY CITRON, or NUTMEG. Good size.....	5	10	30	1.00



Paul Rose Musk Melon.

EMERALD GEM. Extra early; very sweet.....	5	15	50	1.75
JENNY LIND. Very small and very early, fine flavor.....	5	10	30	1.00
HACKENSACK. Large, round skin, good quality.....	5	10	30	1.00
BANQUET. Round, densely netted, very sweet.....	5	10	25	80
BANANA. Resembles banana in shape and flavor.....	5	10	30	1.00
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., 10c; ¼ lb., 30c; lb., \$1.00.				

If by express or freight at purchaser's expense, deduct 10c per lb. from above prices.

## 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.

**NORTHROP, 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., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., 80c.



✓ **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., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

✓ **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;  $\frac{1}{4}$  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;  $\frac{1}{4}$  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;  $\frac{1}{4}$  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;  $\frac{1}{4}$  lb., 15c; lb., 50c.

✓ **DARK ICEING.** 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;  $\frac{1}{4}$  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;  $\frac{1}{4}$  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;  $\frac{1}{4}$  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;  $\frac{1}{4}$  lb., 15c; lb., 50c.



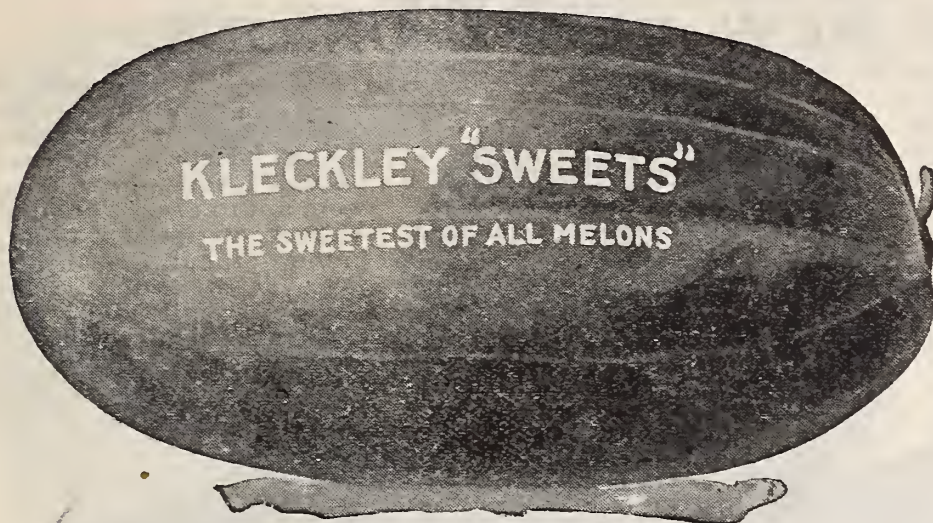
N. K. & CO'S KENTUCKY WONDER.

✓ **CITRON for PRESERVES.** Makes very clear transparent preserves of peculiarly fine flavor. Large pkt., 5c; oz., 8c;  $\frac{1}{4}$  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 1903 we think the same. One just sent 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;  $\frac{1}{4}$  lb., 20c; lb., 60c.

If by Express or Freight at Purchaser's Expense, Deduct 10c per lb. from above prices.



**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., 50c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

**NEW LONG KEEPING AUSTRALIAN BROWN ONION.** Onions are grown very extensively in Australia, but all efforts to introduce favorite American varieties there have failed, as they already had an onion which they claimed to be far better than any of ours. Practically every grower there confines himself to this one sort, known usually there as "Market Model" and "Brown Globe," but which has been introduced 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, doesn't adequately show the handsome appearance of these beautiful onions. They are extremely early in ripening, and never make any stiffnecks or scullions. 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.



If by Express or Freight at Purchaser's Expense, Deduct 10c per lb. from above Prices.

## NORTHRUP, 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 of large size. I have been an onion-grower for 13 years, have bought seed from many houses but I never had any onion equal Minn. Red Globe." A. T. MOOT, Mpls.

"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 the first prize." C. E. LAPLANT, Dayton, Minnesota.



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., 80c; lb., \$2.75, postpaid.

N., K. & CO.'S

### Minnesota Red Globe.

Heretofore called Globe Wethersfield.

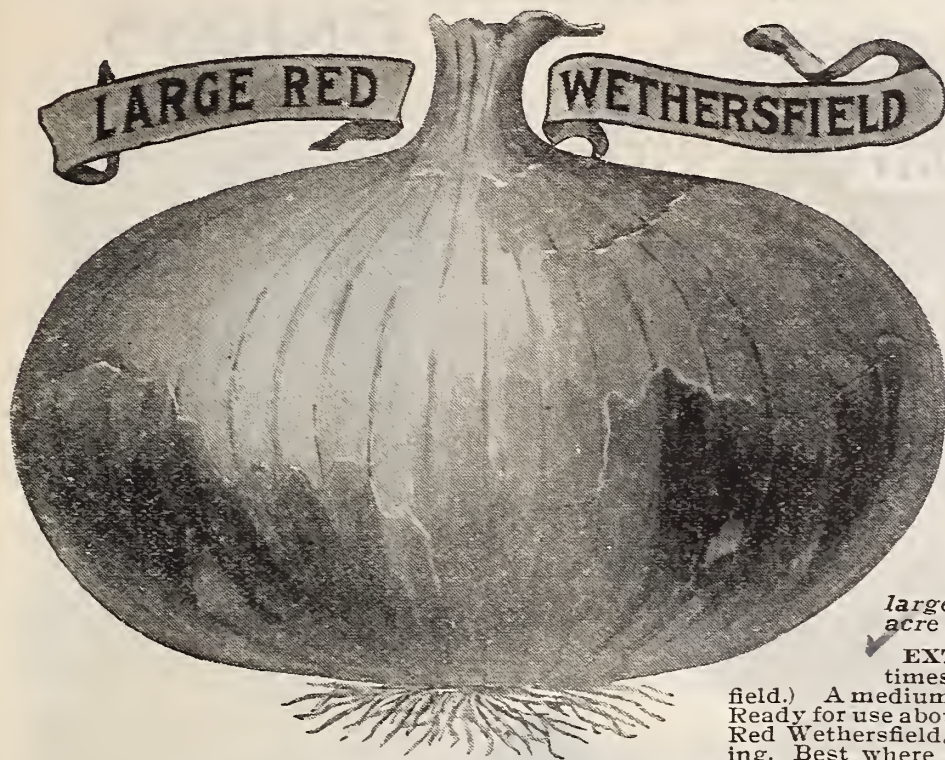
This we consider to be the finest and most select type of Red Globe Onion in existence. We have called it N., K. & Co's Minnesota Red Globe in order to distinguish it from all other stocks of Red Globe Onion, from which it differs not only in purity of stock and perfection of shape, but in earliness, 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, 7 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.

If by Express or Freight at Purchaser's Expense, deduct 10c per lb. from above Prices.



**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 Onion 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.

**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., \$1.40.

**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., 30c; lb., \$1.00.

**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., 50c; lb., \$1.80.

**PARIS WHITE SILVERSKIN.** An early, small, round, white variety. Excellent for bunching, pickles, etc. Large pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.80.

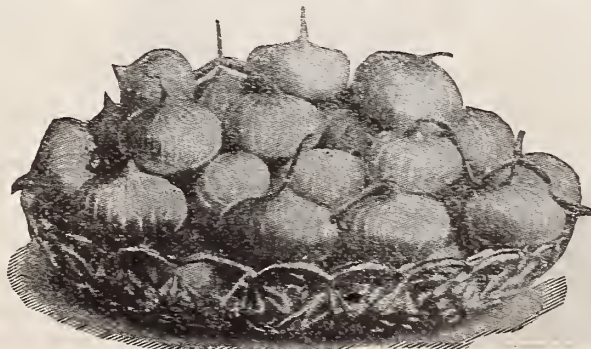
**WHITE GLOBE.** Large size, handsome form, mild flavor. Large pkt., 5c; oz., 25c; ¼ lb., 75c; lb., \$2.00.



**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 for pickling. Large pkt., 5c; oz., 20c; ¼ lb., 50c; lb., \$1.80.

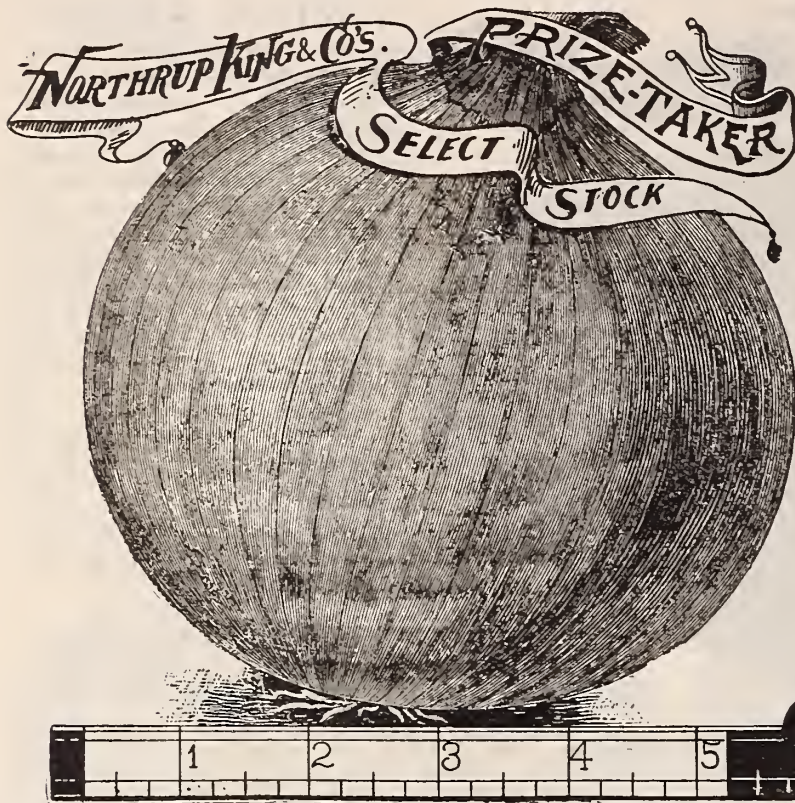
Those wishing to purchase Seed for one or more acres of Onions, write for VERY SPECIAL PRICES.



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

If by Express or Freight at Purchaser's Expense, Deduct 10c per lb. from above 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; 1/4 lb., 50c; lb., \$1.75, 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; 1/4 lb., 35c; lb., \$1.25, 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; 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 1/4 inches in diameter and 3/4 of an inch

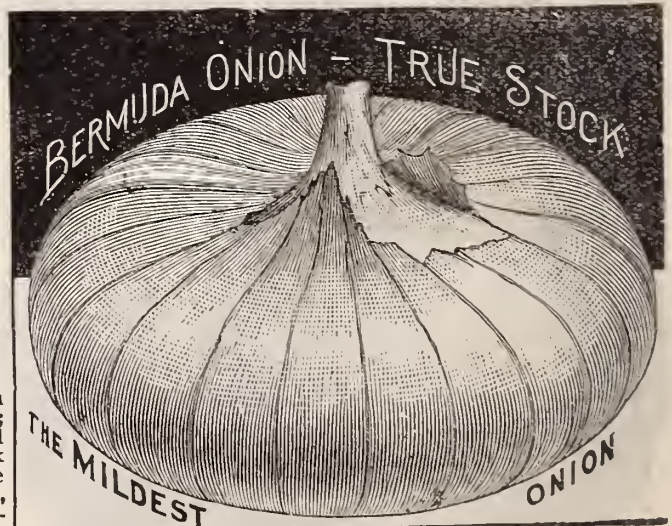
thick, with finely formed bulbs, slightly flattened at the top. Its earliness will highly recommend its use as a substitute for onion sets. An excellent pickling sort. Pkt., 5c; oz., 15c; 1/4 lb., 50c; lb., \$1.75.

**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 this 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., 20c; 1/4 lb., 60c; lb., \$2.00, 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., 20c; 1/4 lb., 60c; lb., \$2.00, postpaid.



MR. ROBERT L. GOULD.

## A HEAVY SHIPPER'S EXPERIENCE.

"I have been buying vegetables in the St. Paul market for the last eight 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 Minnesota Red Globe Onion. Your White Globe is particularly choice, and your Minnesota Red Globe 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,  
St. Paul, Minnesota.

If by Express or Freight at Purchasers' Expense, deduct 10c per lb. from above Prices.

## The IMPORTANCE of Using NORTHERN GROWN ONION SETS

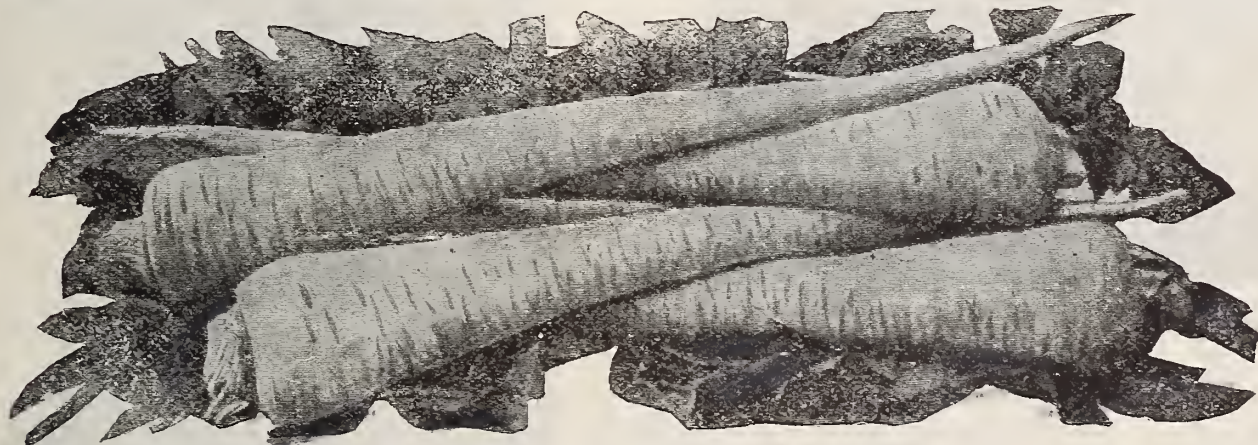


ONION Sets are planted in order to obtain onions *earlier* than they can be had from seed. It follows, therefore, that *Northern Grown Onion Sets* will produce onions *earlier* than Southern grown sets. In addition to this, our Minnesota grown sets are *incomparably superior* to ordinary stock, being 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.

<b>WHITE BOTTOM SETS.</b> Produced from our Minnesota Grown White Silver Skin Onion. A favorite with market gardeners and in private gardens.....	1b.	100lb.	Qt.	Bu.
			@	
	30c	10c	30c	\$3.00
<b>RED BOTTOM SETS.</b> Produced from Minnesota grown Red Wethersfield .....	30	10	30	2.75
<b>YELLOW BOTTOM SETS.</b> Produced from Yellow Strassburg seed, which makes the finest yellow set.....	30	10	30	2.75
<b>RED TOP SETS.</b> These are planted to produce "early green" onions and large eating onions.....	35	12	35	3.50
<b>WHITE MULTIPLIER.</b> 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
<b>POTATO ONION SETS.</b> Produce large, dry, ripe onions earlier than others.....	35	13	35	4.25
<b>EGYPTIAN or PERENNIAL TREE.</b> For early use. Perfectly hardy.....	25	06	25	1.75

Deduct 10c on single pounds or quarts if sent by express or freight at your expense.



### IMPROVED HOLLOW CROWN PARSNIP

#### PARSNIP.

OUR PACKETS OF PARSNIP contain on the average about 1,500 seeds.

**LONG SMOOTH.** A fine flavored variety. Pkt., 5c; oz., 7c; ¼ lb., 12c; lb., 40c.

**EARLY ROUND.** An early variety, but of small size. Pkt., 5c; oz., 7c; ¼ lb., 15c; lb., 50c.

#### PARSLEY.

OUR PACKETS OF PARSLEY contain on the average about 2,000 seeds.

**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. Pkt., 5c; 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., 5c; oz., 7c; ¼ lb., 20c, lb., 70c.

**HAMBURG, or TURNIP ROOTED.** A fleshy rooted kind; the roots used for flavoring soups. Pkt., 5c; oz., 7c; ¼ lb., 15c; lb., 50c.

**EXTRA DOUBLE CURLED.** A fine dwarf variety, beautifully curled; excellent for garnishing. Pkt., 5c; oz., 7c; ¼ lb., 15c; lb., 50c.

**PLAIN.** The leaves of this sort are plain; it is hardier than the curled variety. Pkt., 5c; 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.*

If by Express or Freight at Purchaser's Expense, Deduct 10c per lb. from above Prices.

## NORTHERN GROWN SEED PEAS.

They are Earliest, Hardest, Most Productive.

FOR MANY YEARS we have made a specialty of Peas, growing many hundred acres each season. Our samples are fine and our stock pure. Owing to the excessive rainfall in the principal pea growing districts during the past summer, Seed Peas are again a very short crop. Owing to the high cost of picking out the damaged peas, many poor samples are on the market; ours, however, will be found to be bright, handsome, sound as a dollar, and of perfect growth. It is folly to plant seed that will not germinate even though the initial cost be much less.



DAISY PEA—New Dwarf, Sweet Wrinkled.

**PRICES** On lots of more than one bushel write for special price, stating variety and quantity wanted. Liberal inducements to distant planters to equalize the freight. **WRITE US.** Note that pints are supplied at quart prices. Pecks and half bushel 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.

We wish to call the attention of our customers to the two grand new Peas pictured on this page, and to recommend them in the strongest terms. They mark such a distinct improvement in earliness, quality, size of pod and productiveness as to entitle them to a place in any garden.

✓ **CARTER'S DAISY—Dwarf Telephone New Dwarf, Large Podded Pea. Needs no Brush**

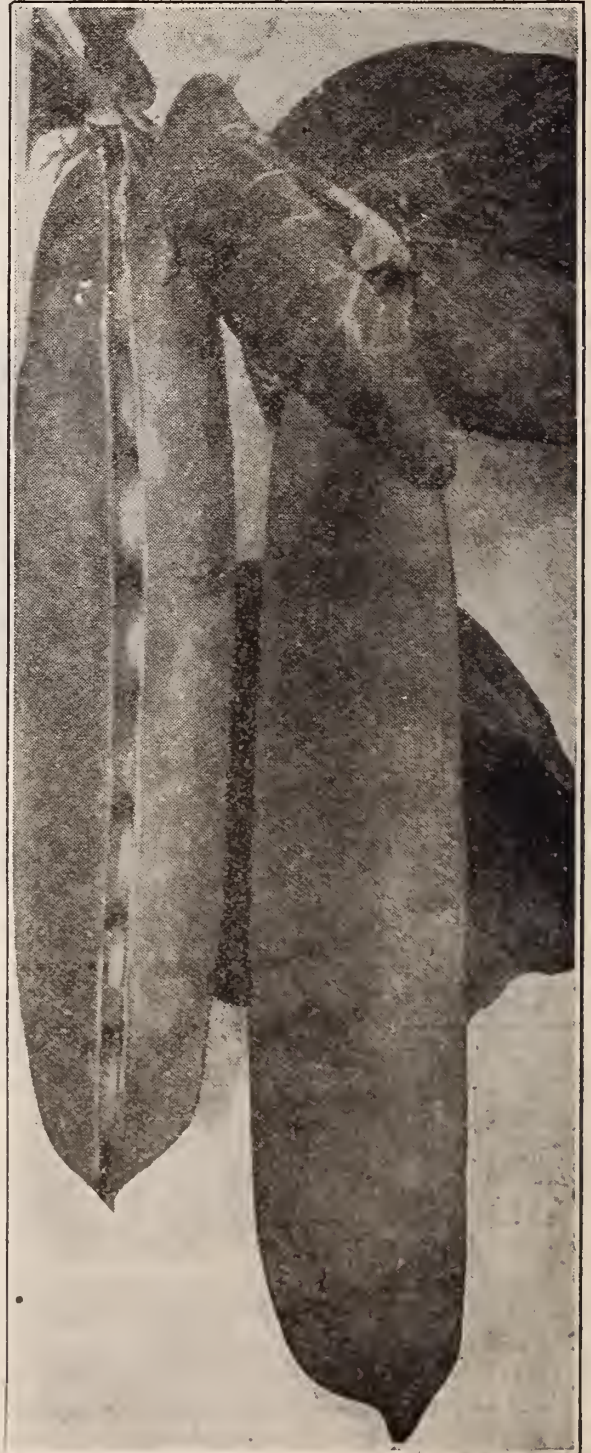
**EARLY DWARF.** Although this pea is of English origin and introduction, it was given its name by an American, who, upon seeing it in the trial grounds of the firm who originated it, exclaimed, "It's a Daisy," and was so christened on the spot. The striking features of the Daisy pea are its large pods, 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., 60c, postpaid. By express or freight, qt., 40c; ¼ bu., \$2.25; bu., \$8.00.

**THOMAS LAXTON  
New, Very Large Podded Extra Early Pea**

This fine new early pea was raised by crossing Gradus, which in itself is a sensationally early and large podded variety, with a very early seedling of the Alaska type. In earliness the Thomas Laxton is only two or three days behind the Alaska, but the pods are more than double the size, containing on the average seven or eight very large sweet wrinkled peas of the very richest flavor. The vines attain a height of from three to three and one-half feet. It is superior to the Gradus, being earlier, harder in constitution, and of darker colored pod. It is the best pea of all for market gardeners as well as for private gardeners, and received the award of merit of the Royal Horticultural Society of England. In flavor this pea is not surpassed, being as sweet as the Champion of England, which up to the time of the introduction of the Thomas Laxton, has been in our estimation, the sweetest pea of all. The stock we offer was produced by ourselves from seed obtained at very high cost direct from the introducer, Thomas Laxton, Bedford, England. The quantity we have to offer this season is limited, and we suggest that all those who wish to try this magnificent pea send in their order at an early date.

Large pkt., 15c; quart, 75c, postpaid. By express or freight, qt., 60c; 2 qts., \$1.10; 4 qts., \$2.00; peck, \$3.50; bushel, \$13.00.

Note that our quart prices are postage paid by us. Deduct for postage if peas are to be sent by express or freight at purchaser's expense.



THOMAS LAXTON

New, Extra Early, Large Podded, Sweet, Wrinkled.



# PEAS MAY BE DIVIDED INTO FOUR GROUPS, VIZ:

- Extra Early Round Seeded Varieties.*
- Extra Early Wrinkled Varieties.*
- Early Dwarf Varieties.*
- Main Crop Varieties.*

**T**HE characteristics of each class are briefly set forth under their respective headings on this and the following page.

## EXTRA EARLY ROUND SEEDED VARIETIES.

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

**N., K. & CO.'S SUMMIT EXTRA EARLY.** Height 2½ to 3 ft. 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 pkt., 5c; qt., 45c, postpaid. By express or freight, qt., 30c; ¼ bu., \$1.50; bu., \$5.50.

**FIRST AND BEST.** Height 2½ to 3 feet. Standard, white seeded extra early, favorably known in all pea trucking centers. Pkt., 5c; qt., 40c, postpaid. By express or freight qt., 25c; ¼ bu., \$1.35; bu., \$4.75.

**MAUD S.** Height 2½ to 3 feet. White seeded extra early. Very early and uniform in maturing. A favorite with truckers. Pkt., 5c, qt., 40c, postpaid. By express or freight, qt., 25c, ¼ bu., \$1.35, bu., \$4.75.

**ALASKA.** Height 2½ feet. Seeds blue. Very early and exceedingly uniform in maturing its crop. A great favorite with canners and Southern truckers. Pkt., 5c; qt., 40c; postpaid. By Express or Freight, qt., 25c; ¼ bu., \$1.35; bu., \$4.75.



Alaska Extra Early.

## EXTRA EARLY WRINKLED VARIETIES.

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

**SURPRISE. (Eclipse)** Height 1½ to 2 feet. Seeds green, wrinkled. Ripens as early as the smooth round seeded extra earlys, and is much sweeter. It is the very earliest green wrinkled sort and an excellent variety for both the market and home garden. Pkt., 5c, qt., 45c, postpaid. By express or freight, qt., 30c, ¼ bu., \$1.75, bu., \$6.50.

**ADVANCEE.** Height 2½ to 3 ft. Seeds green wrinkled. This variety is a great favorite in eastern markets on account of its superior flavor. It is a very productive and satisfactory variety. Pkt., 5c, qt., 40c, postpaid. By express or freight, qt., 25c, ¼ bu., \$1.35, bu., \$4.75.

**HORSFORD'S MARKET GARDEN.** Height 2 to 2½ feet. Seeds green, wrinkled. In all respects very similar to the Advancee pea, but an improvement on that variety in point of productiveness. Flavor very fine. Pkt., 5c; qt., 40c, postpaid. By Ex. or Frt., qt., 25c; ¼ bu., \$1.35; bu., \$4.75.

**GRADUS. (Prosperity.)** Height 2½ ft., seeds wrinkled. When the merits of this pea became known it created a sensation in the horticultural world. It is nearly as early as the earliest smooth seeded sorts. It has a pod as large as that of the Telephone and filled with large wrinkled peas of remarkable sweetness. Large pkt., 5c; qt., 70c, postpaid. By exp. or frt. qt., 55c; 2 qt., \$1.00; ¼ bu., \$3.25; bu., \$11.50.

## EARLY DWARF VARIETIES.

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

**AMERICAN WONDER.** Height 10 inches. Seeds green, wrinkled. Is a great favorite on account of its earliness and excellent quality. 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; ¼ bu., \$2.00; bu., \$7.25.

**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; ¼ bu., \$2.00; bu., \$7.25.

**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., 50c, postpaid. By express or freight, qt., 35c; ¼ bu., \$1.75; bu., \$6.75.

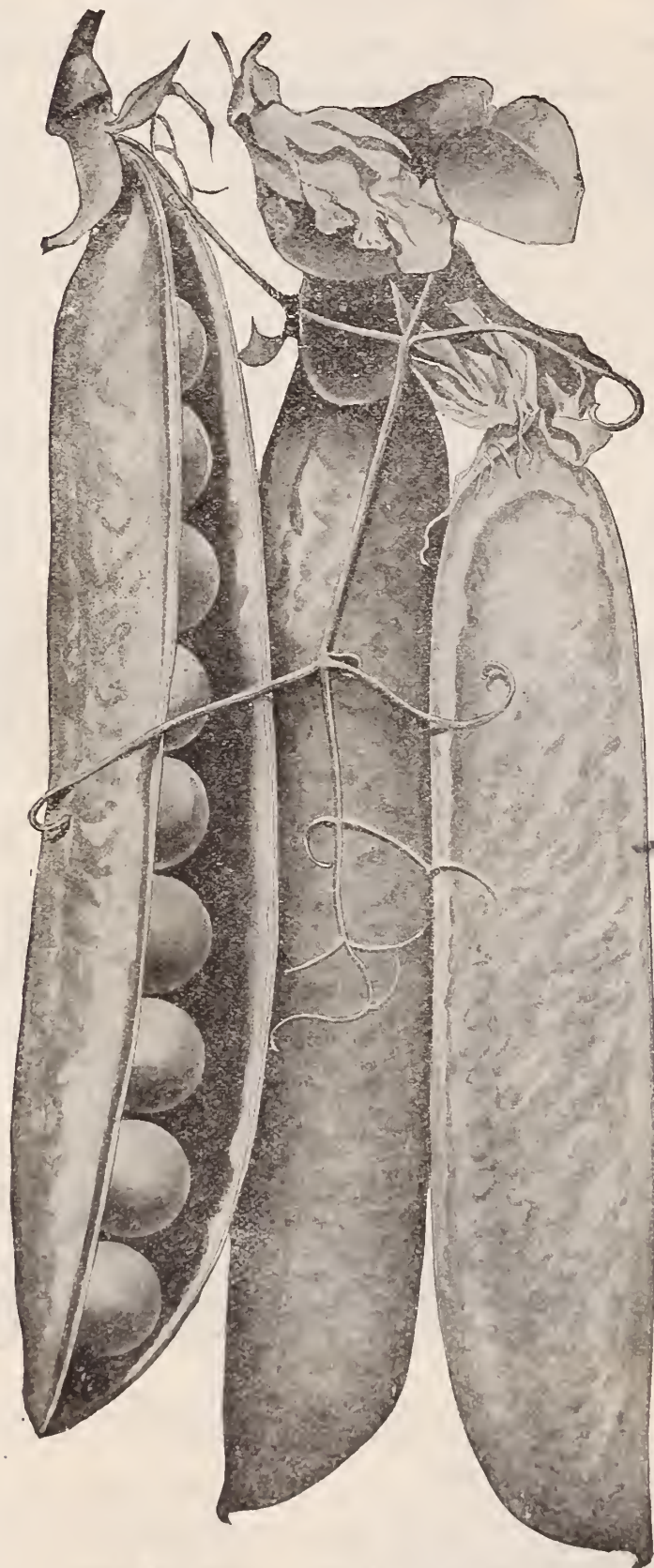
**TOM THUMB.** Height 10 inches. Seeds smooth, white Exceedingly early. Not as sweet as the wrinkled sorts but exceedingly hardy. Large pkt., 5c; qt., 50c, postpaid. By express or freight, qt., 35c; ¼ bu., \$1.75; bu., \$6.50.

Note that our qt. prices are postage paid by us. Deduct postage if peas are to be sent by exp. or frt. at purchaser's expense.



Dwarf American Wonder.

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., \$7.50.

#### MAIN CROP VARIETIES.

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

✓ **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; ½ bu., \$1.15; bu., \$4.00.

✓ **ABUNDANCE.** Height 2½ feet, seeds green, wrinkled. As the name implies, this is a heavy yielding variety and is a capital sort for family use, as in addition to its yielding capacity, it possesses great sweetness and general fine table qualities. It stands fit for use a long time. Pkt., 5c; qt., 40c; postpaid. By express or freight, qt., 25c; ½ bu., \$1.35; bu., \$5.00.

✓ **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; ½ bu., 75c; bu., \$2.75.

✓ **BLACK EYE MARROWFAT.** Height 4 feet. Seeds white with black eye. Very hardy, but of indifferent quality. Large pkt., 5c; qt., 35c; postpaid. By express or freight qt., 20c; ½ bu., 75c; bu., \$2.75.

✓ **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; ½ bu., \$1.25; bu., \$5.25.

✓ **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; ½ bu., \$1.25; bu., \$4.60.

✓ **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; ½ bu., \$1.75; bu., \$6.00.

✓ **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; ½ bu., \$1.75; bu., \$6.00.

✓ **EDIBLE PODDED PEAS.** Large white sugar. Pkt., 5c; qt., 40c, postpaid. By express or freight qt., 30c; ½ bu., \$1.75.

**Please note that we sell pints at quart rates; and that purchasers should deduct 7c a pint, 15c a quart from the pint and quart Prices if peas are sent by express or freight at their expense.**

## PEPPER.

AMERICAN GROWN SEED.

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



Pepper.

	Large Pkt.	Oz.	1/4 lb.	Lb.
GOLDEN DAWN Sweet, handsome, yellow....	5c	20c	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
PROCOPP 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 CHILL. Very productive, small, red, very pungent.....	5	20	60	2.00
YELLOW CHILL. 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	20	60	2.00
CELESTIAL. A Chinese pepper; first fruit is yellow; and when fully matured becomes a deep scarlet.....	5	20	75	2.50

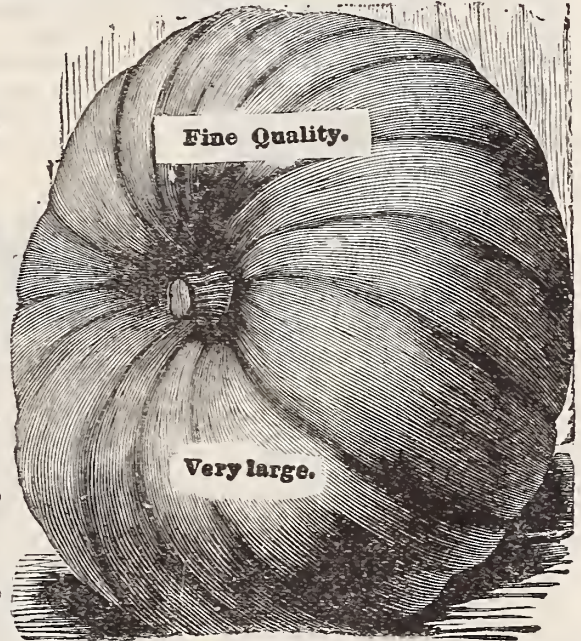
Large Pkt. Oz. 1/4 lb. Lb.

KALEIDOSCOPE. So called because the fruits are constantly changing in color, through all shades from light yellow to intense scarlet.....	5	20	75	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

## PUMPKIN.

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.....	5	10	25	.75
QUAKER PIE. An excellent variety.....	5	10	25	.80
GOLDEN OBLONG. Prolific, superior quality; good keeper; flesh very thick and fine grained.....	5	10	25	.80
LARGE CHEESE; (KENTUCKY FIELD). Large, hardy and productive. Excellent for table use. One of the best sorts for stock feeding.....	5	10	25	.60
TENNESSEE SWEET POTATO. Pear shaped; creamy white in color; fine grained; dry and brittle; good keeper.....	5	10	25	.75
CONNECTICUT FIELD. The standard variety for field culture and stock feeding.....	5	10	20	.50
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 our Mammoth Prize. The quality is excellent.	10	15	50	1.50



Kentucky Field, or Large Cheese Pumpkin.



Connecticut Field Pumpkin.

"I have dealt with your firm for the last ten years and have been more than pleased with your seeds, and the honorable treatment that I received at your hands, and would not have seeds from any other house if I could get them for nothing. Your seeds have always proved true to name and reliable in every respect."

FRANCIS DAVIS, Goodhue, Minn.

### "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.

If by Express or Freight at purchaser's expense, deduct 10c per lb. from above prices.

## "THE SECRET OF GROWING GOOD RADISHES"

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

**NEW TRIUMPH RADISH.** This is a decidedly unique novelty in Radishes. It is very early, maturing about twenty days from the time of sowing. It is 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., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 65c.



NEW TRIUMPH RADISH.

**EARLY SCARLET TURNIP, WHITE TIPPED.** We have a very clean and beautiful strain of this popular sort. It 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;  $\frac{1}{4}$  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., 8c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c.



EARLY FRENCH BREAKFAST.

**EARLY WHITE TURNIP.** A medium size variety, grown very largely for summer use. It takes about 30 days to mature and remains fit for use a long time after reaching edible size. Large pkt., 5c; oz., 8c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**EARLY YELLOW SUMMER.** Round in shape, grows to large size, mild in flavor, crisp and remains solid a long while; excellent for summer use. Large pkt., 5c; oz., 7c;  $\frac{1}{4}$  lb., 20c; 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;  $\frac{1}{4}$  lb., 20c; 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;  $\frac{1}{4}$  lb., 20c; lb., 65c.

**EARLY WHITE BOX.** Similar to the White Turnip, but attains larger size. Large pkt., 5c; oz., 8c;  $\frac{1}{4}$  lb., 20c; 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;  $\frac{1}{4}$  lb., 20c; lb., 65c.

**EARLY SCARLET OLIVE.** A very useful variety. Matures in 25 days, color bright, flesh crisp and tender. Large pkt., 5c; oz., 8c;  $\frac{1}{4}$  lb., 20c; lb., 65c.

**WHITE OLIVE-SHAPED.** Flesh mild and firm. Large pkt., 5c; oz., 8c;  $\frac{1}{4}$  lb., 20c; 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;  $\frac{1}{4}$  lb., 20c; lb., 65c.

Deduct  
10 cents a lb.  
from prices  
named if sent  
by express or  
freight.



EARLY SCARLET TURNIP, WHITE TIP.

**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;  $\frac{1}{4}$  lb., 20c; 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;  $\frac{1}{4}$  lb., 20c; lb., 65c.

**LONG SCARLET SHORT TOP.** A standard popular sort. Grows to 6 inches in length, matures quickly and can be used before it is fully grown. Large pkt., 5c; oz., 8c;  $\frac{1}{4}$  lb., 20c; 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;  $\frac{1}{4}$  lb., 20c; lb., 65c.

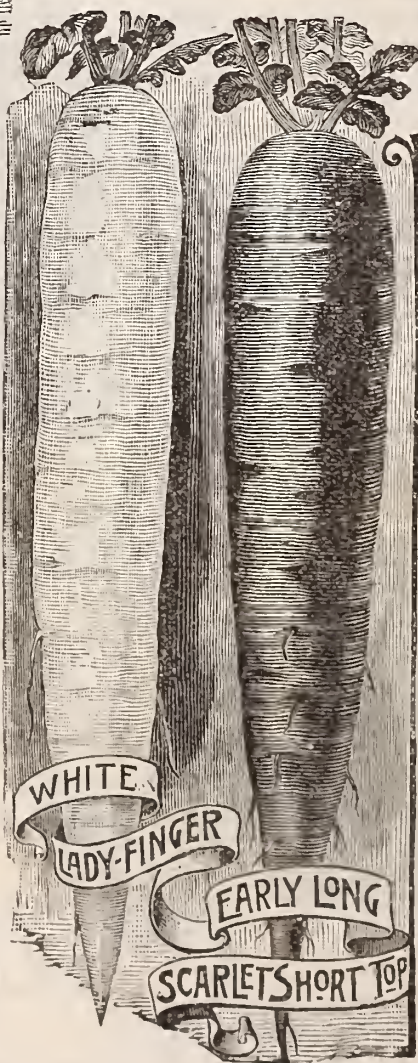
**WOOD'S EARLY FRAME.** An improvement on Long Scarlet. Largely used for forcing and a very popular variety with those who know it. Our stock is fine. Large pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 70c.

### 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;  $\frac{1}{4}$  lb., 20c; lb., 70c.

**LONG BLACK SPANISH.** One of the largest and best for winter use. Large pkt., 5c; oz., 8c;  $\frac{1}{4}$  lb., 20c; lb., 65c.

**CALIFORNIA MAMMOTH WHITE.** A white flesh winter Radish of superior quality. Large pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 65c.





Salsify.

**RHUBARB.**

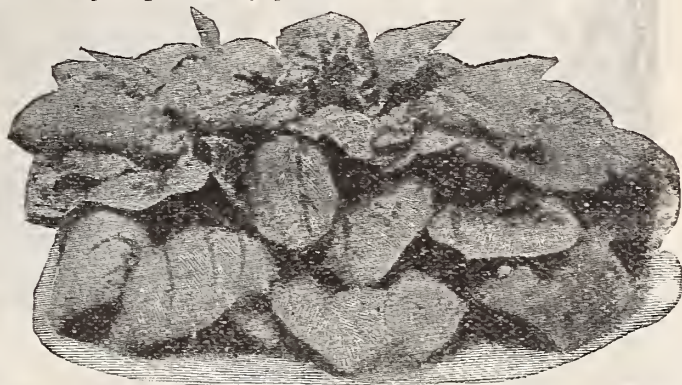
**MONARCH.** The largest and most productive variety known. The leaf stalks are very numerous, the longer ones being from 15 to 20 in. in length, and fully 1½ in. wide. The whole plant is nearly 5½ feet in diameter, while the leaves, exclusive of the flower stalks, are about 2½ feet in height. It is 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 67.

**SALSIFY, OR VEGETABLE OYSTER.**

**IMPROVED FRENCH.** Thick and smooth. Lrg. pkt. 5c; oz., 10c; ¼ lb., 20c; lb., 75c.  
**SANDWICH ISLAND.** Largest variety, superior. Lg. pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c.  
**WISCONSIN GOLDEN.** (New) Large, yellowish, rich; tender and brittle. Large pkt., 5c; oz. 25c; ¼ lb., 50c; lb., \$1.50.

**SPINACH.**

**PRICES:** Seed of any of the below mentioned varieties of Spinach supplied at the uniform price of 5c an oz., 10c per ¼ lb., 30c lb., postage pd. By exp. or frt. at purchaser's expense, lb., 20c; 10 lbs., @ 15c. Write for special low price on larger quantities.  
**BLOOMSDALE OR SAVOY** Leaved. Standard sort. It grows quickly to suitable size to use, but soon runs to seed. It is one of the hardiest varieties. Quality is excellent.



Long Standing Spinach.

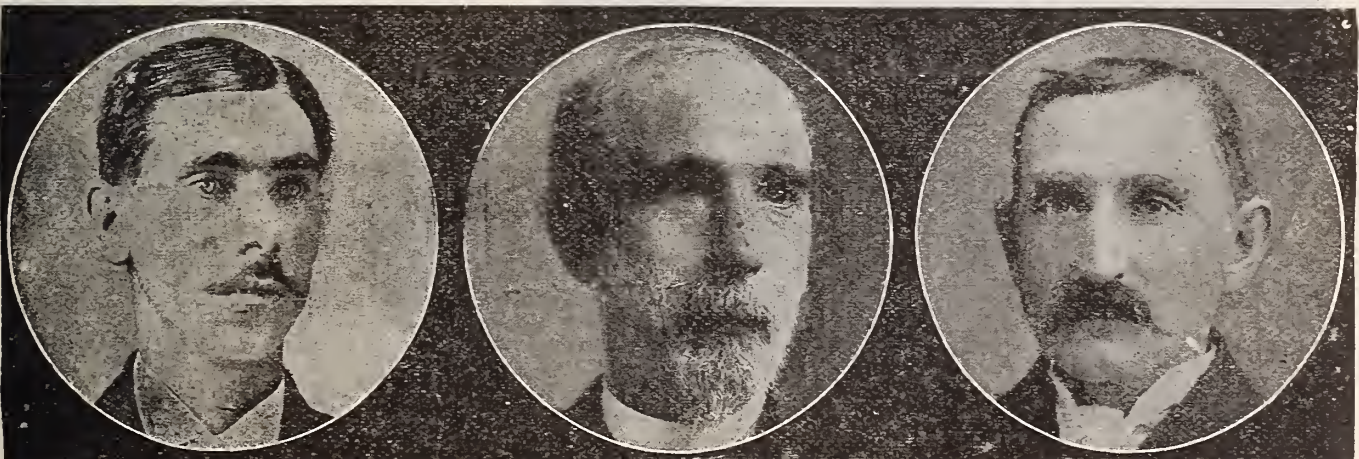
**LONG STANDING.** Round, thick leaved; stands longest without running to seed. Best for family use.

**VIROFLAY.** Leaves large and thick. **PRICKLY.** Very hardy. Stands the winter well.

**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.

<p>"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.</p>	<p>"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.</p>	<p>"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.</p>
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<p>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.</p>	<p>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.</p>	<p>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).</p>
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**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.	5c	10c	25c	70c
✓ EARLY WHITE SCALLOP BUSH. Earliest	5	10	25	80
✓ EARLY YELLOW SCALLOP BUSH. Excellent	5	10	25	75
✓ EARLY SUMMER CROOKNECK. One of the best; yellow	5	10	25	80
✓ EARLY PINEAPPLE. White skin and flesh; late	5	10	30	1.00
✓ PERFECT GEM. Round, white; productive	5	10	30	1.00
✓ GOLDEN CUSTARD. Same as Yellow Bush, but larger	5	10	25	90
✓ MAMMOTH SUMMER CROOKNECK	5	10	25	80
✓ MAMMOTH WHITE BUSH	5	10	30	90

	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	35	1.10
✓ CANADA CROOKNECK. Flesh close grained, sweet and fine flavored	5	10	25	80



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., 15c; ¼ lb., 50c; lb., \$1.50.

✓ 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., 35c; lb., \$1.10.

✓ WANTED 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., 35c; lb., \$1.10.

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

NORTHROP, KING & Co.  
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.

If by Express or Freight at purchaser's expense, deduct 10c per pound from above prices.

# 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 today, 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 last year for the first time offered 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



**EARLY MINNESOTA TOMATO.**  
(GREATLY REDUCED SIZE.)

eighty large, perfect fruits, very solid and of the finest quality. Per pkt., 5c; oz., 20c; ¼ lb., 60c.

✓ **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., 75c.

✓ **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; the skin is tough and flesh solid. Pkt., 5c; oz., 20c; ¼ lb., 75c.

✓ **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 tipped the scale 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.

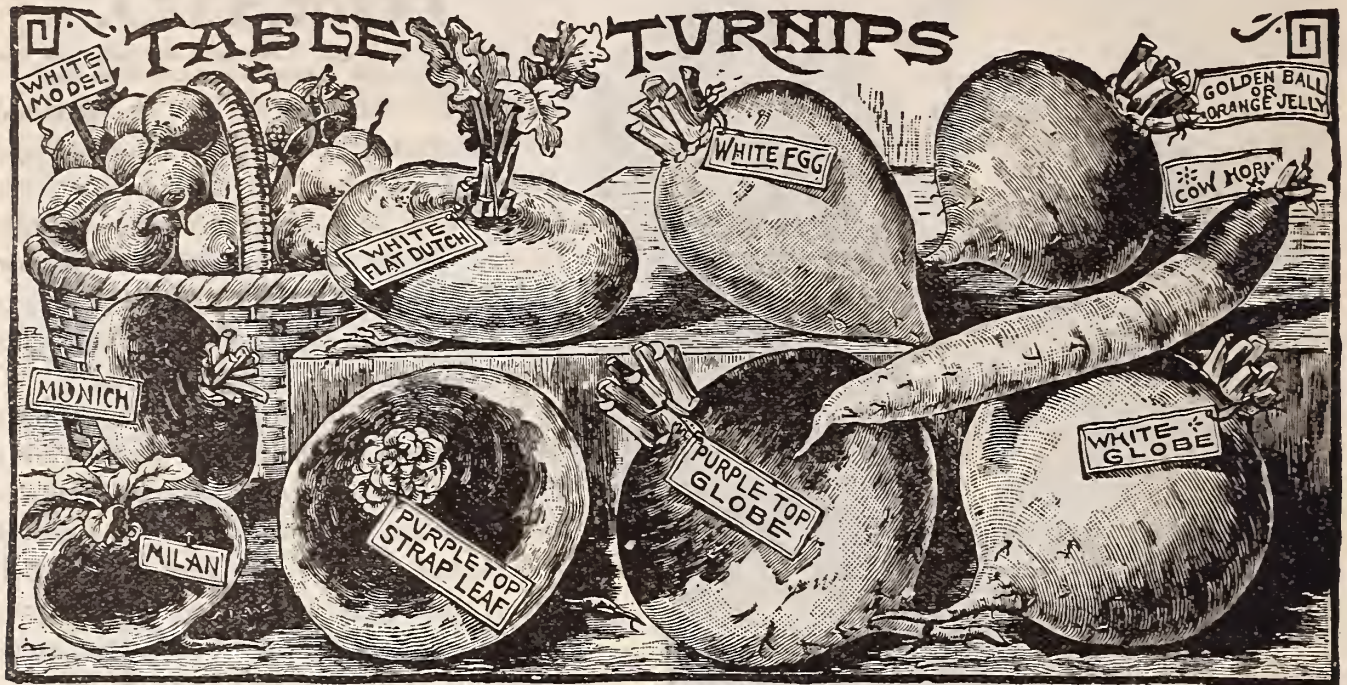
✓ **GOLDEN QUEEN.** A yellow variety of first-class quality; large, smooth, solid, and productive; has very little acid, flavor excellent. None better for slicing and preserving. Sliced with one of the red sorts it makes a pleasing appearance. Pkt., 5c; oz., 25c.

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

If By Express or Freight at Purchaser's expense, deduct 10c per lb. from above prices.



**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.



## TURNIP Table Sorts.

Our Pkts. of Turnip Contain about 3,500 Seeds.  
By Express or Freight Deduct 10c a pound.

✓ **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., 8c;  $\frac{1}{4}$  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 earliest of any sort. Roots small and shapely. Pkt., 5c; oz., 8c;  $\frac{1}{4}$  lb., 20c; lb., 65c, 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., 8c;  $\frac{1}{4}$  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., 8c;  $\frac{1}{4}$  lb., 15c; lb., 45c, postpaid.

✓ **EARLY PURPLE TOP MUNICH TURNIP.** A very handsome early turnip, forming bulbs six inches in diameter within three months. It is one of the best for first crop, but after attaining a large size, it becomes woody and fibrous. Not a good sort to grow for winter use. Pkt., 5c; oz., 8c;  $\frac{1}{4}$  lb., 15c; lb., 50c, postpaid.

✓ **GOLDEN BALL OR ORANGE JELLY TURNIP.** One of the most delicious and sweetest yellow-fleshed Turnips. Not of large size, but firm, hard and excellent flavor. Keeps well and is superior as a table variety. Pkt., 5c; oz., 8c;  $\frac{1}{4}$  lb., 15c; lb., 50c, postpaid.

✓ **WHITE EGG TURNIP.** A quick grower; a grand good keeper; excellent either as an early or late variety. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  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;  $\frac{1}{4}$  lb., 15c; lb., 50c, postpaid.

## TOBACCO.

**CONNECTICUT SEED LEAF.** A largely cultivated sort in America. Large pkt., 5c; oz., 15c;  $\frac{1}{4}$  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;  $\frac{1}{4}$  lb., 50c; lb., \$1.75.

**CONQUEROR.** 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;  $\frac{1}{4}$  lb., 60c; lb., \$2.00.

**HAVANA.** A genuine Cuban strain. From the celebrated plantations of the "Vuelto de Abajo." Large pkt., 5c; oz., 20c;  $\frac{1}{4}$  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;  $\frac{1}{4}$  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 introduced. Known as Little Oronoco in some localities. Large pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75.

If by Express or Freight at purchaser's expense, deduct 10c per pound from above prices.



**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.

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 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



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 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.



Artichoke.

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.

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

**TREE SEED.**

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

Deciduous Trees, Hedge and Flowering Shrubs.

**RHUBARB ROOTS.**

Monarch.....	By mail, postpaid	Each. 20c	Doz. \$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.

Box Elder .....	Per lb. \$ .35	Black Locust.....	Per lb. \$ .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

**FRUIT SEEDS.**

Apple Seeds, 45c qt.....	\$6.00 bu.
Cherry Pits, Mahaleb.....	.60 lb.
Currant, Red.....	.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 .....	2.25 lb.
Quince Seed .....	2.25 lb.
Raspberry Seed.....	10c pkt. .60 oz.
Strawberry Seed.....	10c pkt. .75 oz.
Japanese Wineberry .....	10c pkt. ....

**EVERGREENS.**

American Arbor Vi- tæ.....	Per lb. \$2.50	White Spruce.....	Per lb. \$6.00
Golden Arbor Vitæ.	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, 1904, 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.



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 cts. a package. To increase its already great popularity we have this year made the price **10 CENTS A PKG., 3 PKGS. FOR 25 CTS.** 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, 1904, THAT IT HAS NOT PROVEN ALL AND MORE THAN YOU EXPECTED.** Put up only by **NORTHROP, KING & CO.**



**NEW ASTER, GIANT BRANCHING COMET,**  
ROSE PINK.

This is one of the most beautiful and satisfactory Asters ever sent out. The plants are of very strong growth, two feet in height, freely branching, and produces many large double flowers of a beautiful soft rose pink.

Pkt., 10c; three pkts., for 25 cts.

## 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, fringed spirals of lovely green are unsurpassed. It is one of the easiest plants to grow, and seeds may be sown early in open ground. Pkt., 5c.



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.

## 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.

## Balsam,

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

Unrivaled 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.

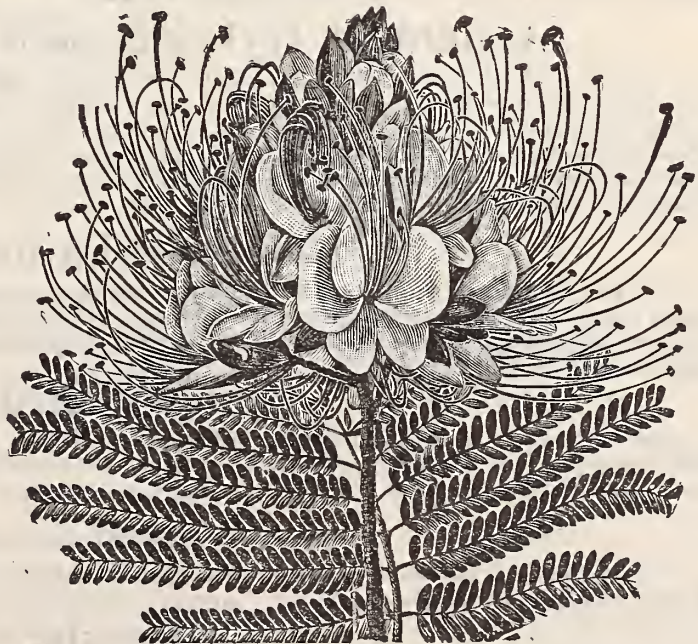
An excellent mixture; flowers large, double, many colored. Pkt., 5c.

## 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.



Bird of Paradise.

## Marguerite Carnations

(See colored plate back cover page.)

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 is covered with its *pure white flowers*. Pkt., 6c.

## Candytuft, Mixed.

All colors. Pkt., 5c.

## 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.

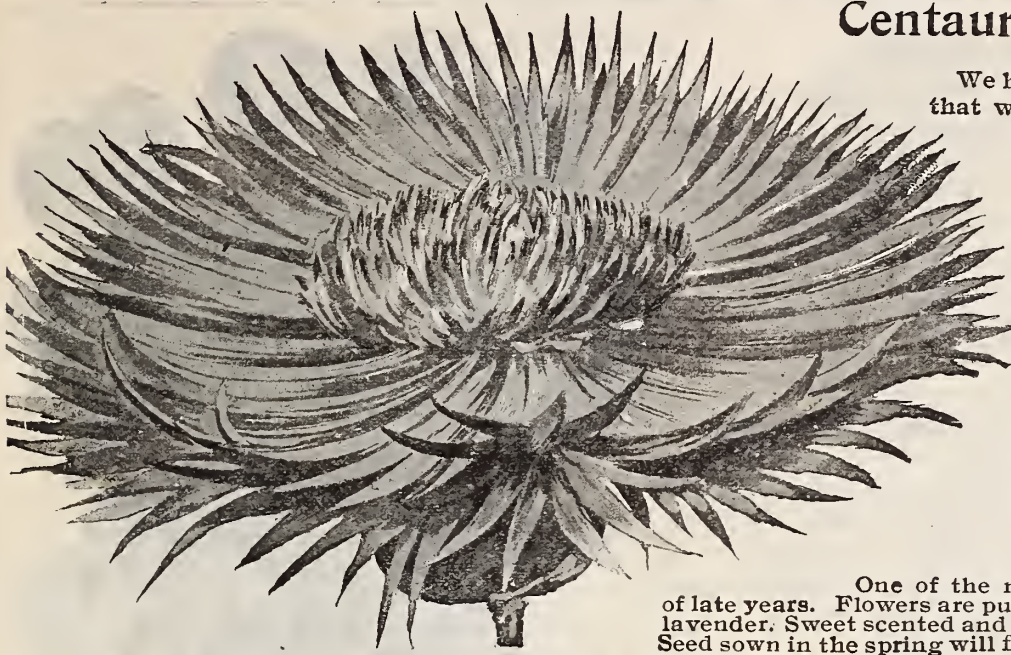
Very handsome and showy plants of the easiest culture; require no care and thrive in any garden. Produce flowers in nearly every shade of yellow, orange, crimson, red, brown, mixed colors. Pkt., 5c.

## Calliopsis, New Double.

A handsome double variety, flowers a rich golden yellow, with wine-maroon spots. Pkt., 5c.



## Centaurea Imperialis.



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,

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. Seed sown in the spring will flower until late in the 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 Marguerites.)

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; sowing 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.

COSMOS. 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.



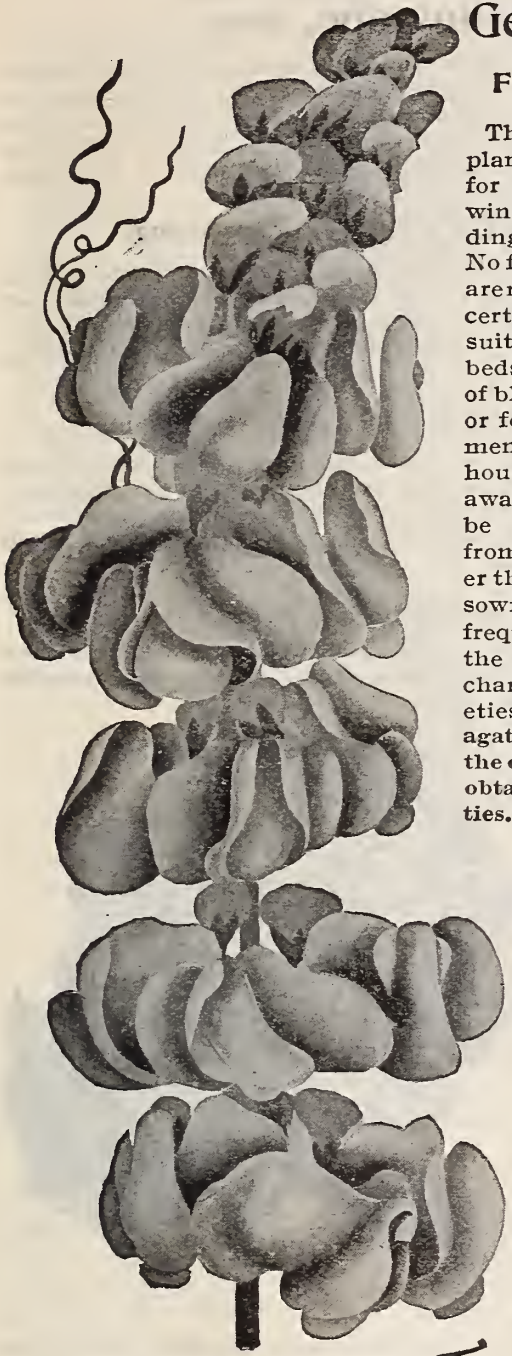
New Dwarf Hybrid Pinks.

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., 5c.

## 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 waxy 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 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.



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., 5c.

## 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, frey 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., 5c.

## 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., 5c.

## Marigold, French Mixed.

A class of showy and extremely effective plants, with fine double flowers of rich and beautiful colors. Pkt., 5c.

## 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. (Pilygyne Suavis.)

We are glad to be able to offer seed of this beautiful climber, the plants of which we have for years sold, to the delight of 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.

## GIANT MIKADO MORNING GLORY





## 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.



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., 5c.

### 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., 5c.

## 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.

## 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 bluish 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.)

## 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.



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., 5c.

### 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., 5c.

## 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., 5c.

### 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., 10c;  $\frac{1}{4}$  lb., 20c; lb., 65c. **Postpaid.**

### 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., 5c; oz., 8c;  $\frac{1}{4}$  lb., 15c; lb., 50c, postpaid.

### 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. **Postpaid.**

### Pink and White Varieties Mixed.

This mixture does not include any of the pure white varieties, only white in combination with pink. Pkt., 5c. 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., 15c; lb., 50c.

## 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. **Postpaid.**

## Dwarf Cupid Sweet Peas.

Grow 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. **Postpaid.**

## 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 5c a pkt.; oz., 8c;  $\frac{1}{4}$  lb., 15c; lb., 50c, **postpaid.**

- 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.

**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.

**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

**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.



Dwarf Cupid Sweet Pea.

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**N., K. & CO.'S PAMPHLET ON LAWNS TELLS HOW TO BUILD NEW  
 LAWNS, HOW TO REPAIR OLD LAWNS, HOW TO KEEP LAWNS GREEN.**  
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## 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 **unequaled 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 85.)

**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.**



Mr. W. M. Berry,  
 Superintendent of Parks,  
 Minneapolis.

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.

**S**TRANGERS 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.

## A Lawn Mixture for Shaded Places.

On almost every lawn there are shaded places where difficulty is experienced in getting the grass to grow. By the use of our "Shady Place" Mixture, these unsightly spots can usually be made as green and beautiful as the rest of the lawn. There are certain grasses which thrive naturally in such situations, and these we have combined, after much experiment, into the above named mixture. Our "Shady Place" Mixture has brought relief and satisfaction to many who have for years been annoyed by these disfiguring spots on otherwise beautiful lawns. Price, qt., 50c, postpaid. By freight or express, qt., 50c; pck., \$1.50; bu., \$5.00.

**NOTE TO THE ABOVE:** Do not misunderstand our claims for "Shady Place" Mixture, or expect impossibilities. Very Densely shaded spots are absolutely hopeless.

**N., K. & CO'S PRIMER No. 3, THE LAWN,** sent free with every order for lawn seed, if requested.



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 ent 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.



Minneapolis Exposition Building

**N., K. & CO.'S PAMPHLET ON LAWNS)** 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-Odororous, 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.

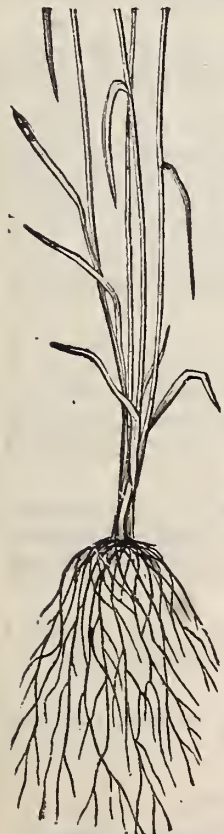
#### How to Apply the Excelsior Lawn Dressing.

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.



Root of Grass Showing need of Fertilizer.



Root of Grass showing the effect of using Excelsior Lawn Dressing.

# NORTHERN GROWN NURSERY STOCK

SPECIAL  
ATTENTION  
GIVEN  
TO  
BEAUTIFYING  
HOME  
GROUNDS  
MAKING  
AND  
REPAIRING  
OF  
LAWNS, ETC.



IT WILL BE TO  
YOUR ADVANTAGE  
AS WELL  
AS OURS  
TO SEND US  
YOUR ORDER  
ON RECEIPT  
OF THIS  
CATALOGUE.  
WE MAKE  
SHIPMENT  
IN PROPER  
SEASON

HYDRANGEA PANICULATA GRANDIFLORA

## NORTHRUP, KING & CO.'S "STERLING" Hardy, Northern Grown Nursery Stock

### THE IMPORTANCE OF SECURING MINNESOTA GROWN STOCK

Patrons will realize the importance of securing Northern Grown Flowering Shrubs, Shade and Ornamental Trees, Roses, Fruits, etc., as it is an admitted fact that like Northern grown seeds, they can be depended upon to give satisfaction, not only in the Northwest, but throughout the country in general. The strong, hardy growth which this stock obtains in Minnesota, insures a big advantage over that of Eastern production. The varieties listed herein are such as will give best results under fair cultivation.

### GUARANTEE

We guarantee to furnish thrifty and healthy stock on every order, no matter how small it may be. If there should be cause for complaint we must be notified upon receipt and examination of goods, as we cannot be responsible for the failure of any stock after it has been received and virtually accepted, since much of the success depends upon after treatment by the purchaser.

### EARLY ORDERS

It will be much to your advantage as well as our own to send us your order on receipt of this catalogue. The stock will be reserved for you and shipped as soon as it can properly be set out.

### TIME OF SHIPMENT

Our Seed and Nursery departments are entirely separate. Should you order Seeds, Trees, Shrubs, etc., Seeds will be shipped as soon after order is received as possible, and all Nursery Stock will be forwarded in proper season for planting in the locality for which it is intended. To those of our Patrons who wish to make fall plantings of Trees, Shrubs, etc., we can make shipment about October, or as soon as stock becomes sufficiently dormant to permit of transplanting. We will, however, furnish all like stock during spring season unless specially noted to the contrary on order.

### SHIPPING

For small orders, shipping by express is preferable as the express companies now carry trees and plants to any part of the country at a reduction of 20 per cent. from regular merchandise rates. For long distances freight is quite as good; it must be remembered however, that freights are slow, and ample time must be allowed us when shipping goods in that way. Transportation charges to be paid by purchaser in every instance except when quoted by mail postpaid.

### SEPARATE ORDER SHEETS FOR PLANTS

When ordering Trees, Shrubs, Fruits, Perennial Plants, Summer blooming Plants and Bulbs. Please use the **Separate Nursery Stock order sheet** which you will find herewith. This will facilitate the filling of your orders and the avoidance of mistakes.

### NO SUBSTITUTION

No substitutions are made without the purchaser's permission; it is well however for our patrons to name possible substitutions when mailing orders.

### PRICES

Our prices are as low as good stock can be sold for and we know that a trial order will make you a permanent customer.

We solicit your orders.

NORTHRUP, KING & CO.

Minneapolis, Minn.

Nursery Dept.  
January 1, 1903.

# HARDY HERBACEOUS FLOWERING PLANTS



DOUBLE LARGE FLOWERING  
HOLLYHOCKS

## COREOPSIS.—Tickseed

The Coreopsis are well known. They give a profusion of bloom during the summer, and are useful for cutting. *Coreopsis grandiflora* is the one most generally grown. Golden-yellow. 1 to 2 feet. Flowers on long stems. Each, 25c., per doz., \$2.50.

## DELPHINIUM.—Larkspur.

Delphiniums please everyone. The following is the best for general cultivation: *Delphinium formosum*. Indigo blue. June to August. 1½ to 3 feet. Each, 25c., per doz., \$2.50.

## DIANTHUS.—Pinks.

*Dianthus Barbatus*. The well-known Sweet William, in many colors. Each, 25c., per doz., \$2.50.

*Dianthus Plumarius*. (Scotch Pink) Single and double; mixed colors. Pinks are pretty for edging and are clove scented. Each, 30c., per doz., \$3.50.

## DICTAMUS

Commonly known as "Gas Plant." It is one of the very best and neatest plants for the hardy flower garden. Each, 30c., per doz., \$3.50.

## DIGITALIS.—Foxglove.

The Digitalis are found prominent in most old gardens. Their insistent spikes, like hollyhocks, filling a want in garden lines. They like a little shade or a cool, somewhat moist place, though doing well under generally fair conditions. *Digitalis Purpurea* is an essential to the make-up of an old fashioned garden. Flowers purple and white. May and June. 3 feet. Each, 25c., per doz., \$2.50.

**Don't fail to plant some of the grand Japanese Iris. Perfectly hardy, and increases in size each year. See next page.**

The extreme value of Hardy Perennials lies in the fact that unlike annuals there is no cost replanting and rearranging each year. After planting only ordinary care is required to keep them in a highly satisfactory condition for an almost indefinite time. Our list comprises the "cream" of the best varieties.

## ANEMONE JAPONICA

"Whirlwind," semi double and a very strong grower. Each 25c., per doz., \$2.50.

## AQUILEGIA.—Columbine

The Columbines have an established place in all old-fashioned gardens. Their curious forms and many pleasing shades of color, and the readiness with which they adapt themselves to all localities, have made them prime favorites. *Coerulea*—the true Rocky Mountain Columbine. An exquisite flower, with pale-blue sepals and white petals. June. 1½ ft. Each, 30c., per doz., \$3.50.

## ARTEMISIA.—Southernwood.—Old Man.

*Artemisa Abrotanum*. "Old Man." A finely-cut foliage plant, of a somewhat shrubby nature and a very pungent odor. The foliage is decorative with cut flowers. Each, 40c., per doz., \$4.50.

## ASTER.—Michaelmas Daisy or Starwort.

In the fall of the year, they make a grand sight when planted in masses, and will keep the garden gay from June until frost. *Novae-Angliae*—the well-known New England Aster; very showy purple. Var. *Rosea* has beautiful pink flowers, quite unlike anything else in its class. A mass of this is a grand sight. Each 25c per doz., \$2.50.

## BELLIS—Daisy.

*Bellis perennis*. The English Daisy. Red, white and pink, useful for edging beds. April to August. 4 inches. Each, 10c., per doz., \$1.00.

## BLEEDING HEART

A free blooming hardy plant that should be in every garden; increases in size each year—crimson flowers. Each, 25c., per doz., \$2.50.

## CAMPANULA.—Bell-flower or Bluebells

Campanulas are so well known as to need very little description. Nearly all bloom during the summer, when flowers are scarce, and are good for cutting. *Media*. The Canterbury Bell. Very popular and well known. Flowers large. Blue and white. Each, 25c. per doz., \$2.50.



TRITOMA  
RED HOT POKER



HARDY JAPANESE IRIS. KAEMPFERI

# HARDY HERBACEOUS FLOWERING PLANTS



LARGE FLOWERING HARDY PHLOX.

## HOLLYHOCK.—*Althaea rosea*.

The stately Hollyhock is more popular than ever, although it is perhaps one of the oldest of garden plants. We have an exceptionally fine stock of this grand plant in the following colors: White, red, pink, salmon. Large roots, each, 25c., per doz., \$2.50; extra size roots, each, 50c., per doz., \$4.50.

## IRIS.—Fleur de Lis.

One of the most important genus of plants in the hardy flower garden. It has been justly termed the "poor man's orchid," deserving of general cultivation. Will keep the garden gay from April until July.

**Kaempferi** (Japan Iris.) Flowers differ from the German Iris in being broad and flat. They exhibit a wonderful variety of colors and shades and appear later than the German. They rank among the most desirable of hardy plants; succeed best in moist soil; 3 to 4 feet; White, red, blue and pink shades. All named varieties; each 30c. doz., \$3.50.

**SPECIAL NOTE.** We are importing direct from Japan a few collections of Japan Iris, (*Kaempferi*), in extra large undivided clumps, 50 distinct named varieties, each labeled and offer them at the low price of \$25.00 per 50 clumps or \$15.00 per 25 clumps. These large roots will produce freely of immense blooms the first season, by planting in April. We are assured by our Japanese agent that these collections will contain the pick of the fancy sorts many of which have not heretofore been sent to this country. We can supply water color paintings of this collection handsomely done on rice paper @ \$5.00 per 50 paintings, each different. The price named is about the actual cost of producing and importing these paintings and we offer them at the low figure stated only to introduce these grand flowers to all of our customers (supply limited.)

**German Iris.** The German Iris or "Flags" as they are commonly called bloom somewhat earlier than the Japanese sorts and are a good companion to the above named class. Pale blue, pure white, yellow, lavender veined purple, pinkish buff color. Each 25c. per doz., \$2.50; large clumps, each 75c., per doz., \$7.50.

## MOCCASIN FLOWER.—*Ladies Slipper*. (*Cypripedium*.)

Minnesota State Flower. Pure white, inflated tips, blushed crimson. Each 50c; per doz., \$4.50.

## LEMON LILY.

Yellow flowers; extremely hardy. Each 50c. per doz., \$4.50.

Golden Glow is the "Queen" of hardy yellow flowering plants, succeeds under the most adverse conditions.

## FUNKIA.—Day Lily or Plantain Lily.

The Day Lilies are very attractive, both in flowers and foliage, and thrive well in damp and partially shaded places, although they will grow in almost any locality.

**Japonica.** (subcordata or alba). Pale-green foliage and large fragrant, pure white, waxlike flowers. One of the best. September. 1 foot. Large roots, each, 50c., per doz., \$4.50; large clumps, each, \$1.00, per doz., \$8.00.

**Lancifolia.** Dark, shining green, narrow foliage and blue flowers. Makes a neat edging to a bed or a nice single clump. August. 1½ feet. Large roots, each, 50c., per doz., \$4.50; large clumps, each, \$1.00, per doz., \$8.00.

## GAILLARDIA.—Blanket Flower.

No plant in the hardy flower garden gives more satisfaction than the Gaillardia. It flowers in great profusion nearly all summer long. The long, dry spells effect it very little, and except in very wet places it will grow anywhere.

**Gaillardia, Aristata.** Newest hybrids, very large and fine. Crimson, yellow and brown are the prevailing colors. It can be planted as an edging to a bed, or in masses with others, or occupying an entire bed. Its value is heightened by removing the old flower-heads. Each, 30c., per doz., \$3.50.

## HELIANTHUS.—Perennial Sunflower.

The perennial Sunflowers are so well known as to need but little description; good for cutting. They have not the large, coarse heads of the common, annual sunflower.

**Multiflorous fl. pl.** (Double Sunflower)—A blaze of gold in late summer and early autumn, and altogether one of the showiest of the hardy perennials. Large roots, each, 25c., per doz., \$2.50; large clumps, each, 75c., per doz., \$7.50.

# HERBACEOUS PAEONIES.

These contain the largest, most showy and attractive flowers in cultivation, almost rivaling the rose in color and bloom. They are of stately growth, very hardy, and delightful when in bloom. They increase in beauty with age, and may be planted in almost any situation. They succeed best in rich soil and will be benefitted by a mulch of rotten manure during the winter which may be lightly spaded into the soil in spring. Double large flowering in the following colors; pink, red, white, white (straw color center,) rose, silvery rose. Large roots, each 25c., per doz., \$2.75; large clumps, each 50c. per doz., \$5.50; undivided clumps, each \$1.00, per doz., \$10.00. These large undivided clumps will produce freely of flowers much sooner than will the smaller roots.

## PAPAVER.—Poppy.

Showy perennials with large flowers of rich and striking colors.

**Orientele** (Oriental Poppy)—Deep scarlet; large; very showy; eighteen inches. June. Each 25c. per doz., \$2.50

## PANSIES.

Pansies, strictly speaking, are not a perennial plant in the northwest country but they occupy such a prominent place in the category of garden flowers. We have decided to include them herein. Our pansies have been grown from the finest seed obtainable from specialists in Europe, and there is no better strain to be had at any price. Per doz., 40c; per 100, \$2.50; per 1000, \$20.00.

## PHLOX.

These are justly esteemed as the finest of herbaceous plants. They are of dwarf habit, perfectly hardy, of very easy culture, and yield a profusion of bright, showy bloom. They are hardly equaled by any other hardy plant for the decoration of the garden. Pure white, bright pink dark centre, white pink eye, rich purple shaded white, dark bluish purple, bright salmon, bright pink, vivid crimson. Large roots, each 25c. per doz., \$2.50; large clumps, each \$1.00, per doz., \$10.00.

## RUDBECKIA.

### Golden Glow.

The Rudbeckias would be hard to dispense with; they do much to keep the garden bright during the hot days of summer. *Laciniata*—"Golden-Glow." So well known as to need but little description. The double, yellow, dahlia-like flowers, borne on stems six to eight feet high, in great profusion, make it a very conspicuous object during August. Useful for shrubberies. Each 25c. per doz., \$2.50; extra large clumps, \$1.00 to \$2.00 each.

# SUMMER FLOWERING PLANTS AND BULBS.



LARGE FLOWERING DWARF FRENCH CANNAS

## NEW FRENCH CANNAS

There is nothing in the way of Summer Blooming Plants that compares with the New Dwarf Cannas for brilliancy of color and free blooming qualities. They begin to flower in July and continue until frost. A bed of them on the lawn makes a handsome effect. We supply them in large growing plants ready for setting in the open ground in June. Orders will be booked in advance and stock shipped in due time for planting. We do not recommend the buying of dormant roots, as it is difficult to keep them from rotting until time for planting. Brilliant Scarlet flowers, green foliage; Red and Yellow flowers, green foliage; Yellow flowers spotted red, green foliage; Brilliant red, bronze foliage. All of the above grow about five tall. Price, first size plants, each, 35c, doz., \$3.50; extra size plants, each, 50c, doz., \$5.00. Prices named are for shipment by express, purchaser paying transit.

### CALADIUM ESCULENTUM—"Elephant's Ears."

A handsome plant of tropical aspect, bearing leaves sometimes a yard or more in expanse. Effective as a single plant on a lawn, or in groups; also useful for decorative effect near streams or ponds. Bulbs can be stored in dry sand in winter and kept from year to year. Desirable and widely popular. Large bulbs, 15c each; \$1.50 per doz., postpaid. By express, \$7.50 per 100; extra large bulbs, each, 35c., per doz., \$4.00; by express, \$15.00 per hundred; mammoth bulbs, each, 75c., postpaid.

### TUBEROUS BEGONIAS

This showy flower has now become very popular. Bulbs of Giant Flowering Begonias. Single mixed, each 7c.; 4 for 25c.; doz., 70c.; 100, \$5.00. Double mixed, each, 15c.; 4 for 50c.; doz., \$1.00; 100, \$8.00, postpaid.

### HYACINTHUS CANDICANS

Giant Summer-Flowering Cape Hyacinth.

A very showy bulbous-rooted plant blooming in August and September, the foliage somewhat resembling yucca, flower spikes four to five feet high, bearing from 20 to 30 large, bell-shaped, pure white fragrant blossoms. Effective for center piece of bed. 10c. each; 6 for 50c., postpaid.

### SUMMER FLOWERING OXALIS

Unexcelled for borders, margins and baskets. For margins set the bulbs about three inches apart, and the foliage will produce an unbroken row, richly adorned with flowers. In autumn lift the bulbs and store in dry cellar.

**DIEPPI.**—The genuine. Pure white. 20 cents per doz.; 25 for 40c.; 50 for 75c.; 100 for \$1.50, postpaid.

**LASANDRIA.**—Rose pink. 10c. per doz.; 25 for 15c.; 100 for 40c., postpaid.

**A bed of OUR NEW FRENCH CANNAS makes a grand effect. They begin to bloom early in the summer and continue until frost.**

## HARDY GARDEN LILIES

No class of flowers could be more permanently attractive than the Hardy Garden Lilies, and we urge our friends to plant at least a few of them. There is no flower to compare with the Lily in delicacy of color and shadings. They are of easy culture.

### AURATUM.

#### The Golden Rayed Lily of Japan.

Its deliciously fragrant Flowers are nearly a foot wide when fully expanded, and are produced in great profusion. The flowers are pure white, spotted with chocolate crimson, and each petal banded with golden yellow. 20c, each; 2 for 35c; \$2.00 per doz., postpaid. Extra large bulbs, 40c, each; 2 for 75c; \$4.00 per doz., postpaid.

GOLD BANNED LILY OF JAPAN  
AURATUM

### SPECIOSUM ALBUM

Large, pure white flowers of great substance, with petals beautifully re-curved. 25c each; 3 for 60c; \$2.25 per doz., postpaid.

### SPECIOSUM RUBRUM

The flower has a pure white ground, stained and spotted with rose, resembling Speciosum Album except in color. 25c each; 3 for 60c; \$2.25 per doz., postpaid.

### DOUBLE TIGER LILY

*Tigrinum flore pleno.*

A perfectly double Tiger Lily of stately habit, bearing an immense number of bright and lovely, double, orange-red flowers, spotted with black. Large bulbs, 20c each; 2 for 35c; 10 for \$1.50, postpaid.

### SINGLE TIGER LILY

*Tigrinum Splendens.*

The grandest of the Tigers, sometimes six feet high; very large pyramids of flowers, orange-red, spotted with black. Large bulbs 15c each, 2 for 25c; 10 for \$1.15, postpaid.

### LILY OF THE VALLEY--Clumps.

A bed of Lily of the Valley, once planted, will last a lifetime. Very fragrant, Large clumps, each, 50c, per doz., \$5.00; mammoth size clumps, each, 75c, per doz., \$8.00.

### DOUBLE LARGE FLOWERING DAHLIAS.

This old favorite garden flower is too well known to require any description. We supply large roots which will bloom the first season. White, scarlet crimson, yellow, pink, variegated, each, 25c., 3 for 70c.; per doz., \$2.75, by express, purchaser paying transit. We have a limited number of mammoth, or undivided roots, in the above named colors and which we can sell at 50c. each, or \$5.00 per doz.; by express at purchaser's expense.

### LARGE FLOWERING GLADIOLUS.

A search, be it ever so painstaking and complete, of the floral kingdom, will discover no flower of such easy culture, embracing the great range of color with endless combinations and variety, to equal the Gladiolus. It is rightfully called the people's flower. Even the orchids fail to equal it, excepting in durability as a cut flower, and here the Gladiolus excels all others. Our bulbs are of the finest quality and will give bountiful satisfaction the first season.

**GROFF'S HYBRID SEEDLINGS.** The most popular strain in America, the original introductions of Mr. Groff awarded certificate of merit by Society of American Florists, New York, 1900. Each 10c, doz., 60c, postpaid. 100 \$3.00, 1000 \$25.00; by express at purchasers expense.

**N., K. & Co., "Sterling" Mixture.** Composed of choicest named varieties, nothing better ever offered for the price. Each 5c, doz., 40c, postpaid. 100 \$2.00, 1000 \$18.00. By express at purchasers expense.

**N., K. & Co.'s "Good" Mixture.** As the name signifies this is a good mixture and recommended to our customers who desire to make a brilliant show in the garden at a small cost. Each 4c, doz., 30c, postpaid. 100 \$1.50, 1000 \$14.00. By express at purchasers expense.

### TUBEROSES.

This old fashioned pure white, sweet scented flower is one of the most popular of summer blooming garden plants. We have the true Dwarf Excelsior strain.

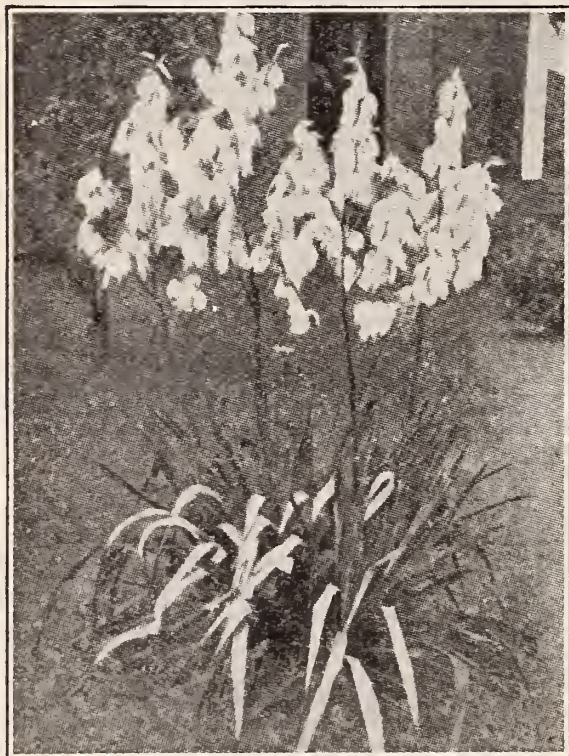
**"MAMMOTH EXCELSIOR DWARF PEARL."** Especially selected for our retail trade; by mail each 7c, 4 for 25c, doz., 60c; by express at purchaser's expense. each 5c, 3 for 15c. doz., 50c, 100 \$3.00. We supply 25 and over at the hundred rate.

**First Size Bulbs.** By mail 3 for 12c, per doz., 40c; by express at purchaser's expense, 3 for 10c. doz., 35c, 100 \$2.00.

# Hardy Flowering and Ornamental Shrubs.

**G**ENERAL DIRECTIONS for the planting and care of Trees, Shrubs, etc., furnished free with each order. The Shrubs listed on the following pages have been selected by a practical landscape gardener and the varieties mentioned are perfectly hardy and desirable, not only for the Northwest Country, but for planting generally throughout the United States,

*The first figures given indicate the height at maturity. The month mentioned indicates the time of blooming.*



ADAM'S NEEDLE, OR SPANISH BAYONET

**ADAM'S NEEDLE, or Spanish Bayonet**  
— *Yucca Filamentosa.* 5 feet. July.

An extremely hardy plant, producing tall branched spikes of drooping white bell-shaped flowers; foliage remains green all winter; makes a handsome effect when planted in groups on the lawn or in front of shrubbery. The largest size plants will bloom the first year. First size plants, each, 35c, 3 for \$1.00; large size, each, 50c, 3 for \$1.35; extra large size, each, \$1.00, 3 for \$2.75.

**FLOWERING ALMOND**  
*Amygdalus.* 4 feet. May.

The long shoots of this shrub are full of double white and pink blossoms about one inch in diameter. We have both the double white and double pink flowering varieties. First size plants, each, 50c, 3 for \$1.35; large size, each, \$1.00, 3 for \$2.75.

**THUNBERG'S, or Japanese Barberry**  
*Berberis Thunbergii.* 3 feet. June.

A dwarf shrub with fine dense foliage, beautiful on the lawn and excellent for low hedges. Its tinted leaves and bright red berries produce a brilliant effect

in the autumn. First size plants, each, 35c, 3 for \$1.00; large plants, each, 50c, 3 for \$1.35; extra large plants, \$1.00, 3 for \$2.75; large clumps for immediate effect, each, \$2.00.

**GREEN BARBERRY**  
*Berberis Vulgaris.* 8 feet. June.

The pretty yellow flowers of this bush are produced about the last of May; of erect growth and its prickly nature fits it for hedging. The berries completely cover the plant and are of a purplish red color. They remain on the plant nearly all winter. First size plants, each, 35c, 3 for \$1.00; large plants, each, 50c, 3 for \$1.35; extra large plants, each, \$1.00, 3 for \$2.75; large clumps for immediate effect, each, \$2.00.

**PURPLE LEAVED BARBERRY**  
*Berberis Purpurea.* 7 feet. June.

The same as the preceding but with pretty purple foliage which makes it very desirable for massing with other shrubs. First size plants, each, 35c, 3 for \$1.00; large plants, each, 50c, 3 for \$1.25; extra large plants, each, \$1.00, 3 for \$2.50; large clumps for immediate effect, each, \$2.50.

**BUCKTHORN**  
*Rhamnus Catharticus.* 12 feet. June.

A popular hedge plant and extremely hardy—desirable as an ornamental shrub or for fence or hedge. Has glossy foliage and produces small white flowers in June. While this shrub will grow to a height of 20 feet it can be kept down to any size desired by frequent trimming. Paying attention to this for the first few years in order to get numerous strong branches near the ground. "Prof. S. B. Green of the Minnesota State Experimental Station regards it as by far the best hedge plant for this section." First size plant, each, 35c, 3 for \$1.00; large plants, each, 50c, 3 for \$1.35; extra large plants, each, \$1.00, 3 for \$2.75.

**BURNING BUSH**  
*Euonymus Europaeus.* 6 feet.

Strawberry-colored fruit in autumn—very ornamental. Large plants, each, 50c, 3 for \$1.25; extra large plants, each, \$1.00, three for \$2.75.

**BURNING BUSH**  
*Euonymus Albus.* 6 feet.

White fruited variety of the preceding. Large plants, each, 50c, 3 for \$1.25; extra large plants, each, \$1.00, 3 for \$2.75.

**BUFFALO BERRY**  
*Shepherdia Canadensis.*

A large growing shrub, or small tree, with silvery foliage and red fruit, much resembling a currant. Large plants, each, 50c, 3 for \$1.25; extra large plants, each, \$1.00, 3 for \$2.75.

**CRANBERRY—High Bush Variety**  
*Viburnum Opulus.* 8 feet. June.

Flowers white, in flat clusters, berries red and which hang until destroyed by frost late in fall. A large growing shrub, resembling the snowball in wood and foliage—quite suitable for shady and west locations. First size plants, each, 50c, 3 for \$1.35; large plants, each, \$1.00, 3 for \$2.75; extra large plants, each, \$2.00; large clumps for immediate effect, each, \$4.00.

**Northern Grown Nursery Stock will give you Best Satisfaction**



# Hardy Flowering and Ornamental Shrubs.



**Golden Bell, or Forsythia**

## **GOLDEN FLOWERING CURRANT**

*Ribes Aureum.* 6 feet. May.

A very pretty shrub, producing fragrant, yellow flowers in drooping racemes. First size plants, each, 50c, 3 for \$1.35; large plants, each, \$1.00; 3 for \$2.75; extra large plants, each, \$2.00; large clumps for immediate effect, each, \$3.00.

## **WILD BLACK CURRANT**

*Ribes Floridum.* 5 feet. April.

Beautiful dark green foliage; does well in the shade and thrives where no other shrub will succeed. First size plants, each, 35c, 3 for \$1.00; large plants, each, 50c, 3 for \$1.35; extra large plants, each, \$1.00, 3 for \$2.75.

## **PANICLED DOGWOOD**

*Cornus Paniculata.* 8 feet. June.

A dense growing shrub with a profusion of white flowers followed by white fruit on red peduncles in the fall. The gray bark is extremely attractive in winter; succeeds in the shade. First size plants, each, 35c, 3 for \$1.00; large plants, each, 50c, 3 for \$1.35; extra large plants, each, \$1.00, 3 for \$2.75.

## **SIBERIAN DOGWOOD**

*Cornus Siberica.* 8 feet. July.

The Siberica is the most pronounced of the Dogwoods; it is the most brilliant scarlet bark shrub we have and lends a cheerful color to the winter landscape. First size plants, each, 35c, 3 for \$1.00; large plants, each, 50c, 3 for \$1.35; extra large plants, each, \$1.00, 3 for \$2.75; large clumps for immediate effect, each, \$2.00.

## **VARIEGATED LEAVED RED DOGWOOD**

*Cornus Variegata.* 5 feet. July.

This is a dwarf growing form of the preceding variety with variegated silver and green foliage. Should be planted in a southern exposure; a grand shrub. First size plants, each, 50c, 3 for \$1.35; large plants, each, \$1.00, 3 for \$2.75; large clumps for immediate effect, each, \$2.00.

## **DEUTZIA GRACILIS**

3 feet. June.

Strong growing shrubs, bearing numerous small elongated clusters of flowers, very showy. This variety differs from the following in being of quite dwarf, bushy habit, the racemes of white flowers completely cover the plant, making it one of the most attractive shrubs. First size plants, each, 35c, 3 for \$1.00; large plants, each, 50c, 3 for \$1.35.

## **DEUTZIA CRENATA Fl. Pl.**

6 feet. June.

Same as preceding variety excepting that it grows taller and is more spreading. We can furnish this variety in double white and double pink. Please be sure to specify which is wanted when ordering. First size plants, each, 35c, 3 for \$1.00; large plants, each, 50c, 3 for \$1.35.

## **ELDERBERRY**

*Sambucus Canadensis.* 8 feet. July.

Much valued for its white flowers, which are produced in large flat clusters and reddish purple berries in the fall. The flowers and fruit are extensively used in cooking. First size plants, each, 35c, 3 for \$1.00; large plants, each, 50c, 3 for \$1.25; extra large plants, each, \$1.00, 3 for \$2.75.

## **CUT LEAVED AMERICAN ELDERBERRY**

*Sambucus Laciniatus.* 6 feet.

A valuable variety, with elegantly divided leaves— one of the best cut-leaved shrubs. First size plants, each, 50c, 3 for \$1.25; extra large plants, each, \$1.00; large clumps for immediate effect, \$2.00 to \$3.00 each.

## **GOLDEN LEAVED ELDERBERRY**

10 feet.

One of the choicest of golden leaved shrubs. Succeeds in most any soil but should be planted in a southern exposure to bring out the richest color. First size plants, each, 35c, 3 for \$1.00; large plants, each, 50c, 3 for \$1.25; extra large plants, each, \$1.00, 3 for \$2.75; large clumps for immediate effect, \$2 to \$3 each.

## **GOLDEN BELL, or Forsythia**

*Forsythia Fortunii.* 8 feet. April.

Blooms in early spring before the leaves appear, and its yellow flowers are extremely showy—succeeds best in a sunny location. First size, each, 35c, 3 for \$1.00; large plants, each, 50c, 3 for \$1.25; extra large plants, each, \$1.00, 3 for \$2.75; large clumps for immediate effect, each, \$2.00.

## **TARTARIAN BUSH HONEYSUCKLE**

*Lonicera Tartarica Grandiflora.* 10 feet. May.

The bush forms of honeysuckle are strong growers, free bloomers and succeed in most any soil. The fruit is very decorative; makes a very desirable hedge plant and can be trimmed at will. Grandiflora. Pink flowered. First size plants, each, 35c, 3 for \$1.00; large plants, each, 50c, 3 for \$1.25; extra large plants, each, \$1.00, 3 for \$2.75; large clumps for immediate effect, each, \$2.00.

## **MORROW'S HONEYSUCKLE**

*Lonicera Morrowi.* 6 feet. July.

A quick growing variety of the bush honeysuckle; produces handsome, white, sweet scented flowers, the most beautiful when covered with bright red fruit from August until late in the fall. First size plants, each, 50c, 3 for \$1.25; large plants, each, \$1.00, 3 for \$2.75; large clumps for immediate effect, each, \$2.00.

## **JAPAN QUINCE—Cydonia Japonica**

*Fire Bush.* 3 to 4 feet.

This is one of the oldest inhabitants of our shrub-beries. Its bright red flowers in early spring making a brilliant display. First size plants, each, 50c; large plants, each, \$1.00.

## **HYDRANGEA PANICULATA GRANDIFLORA**

6 feet. August.

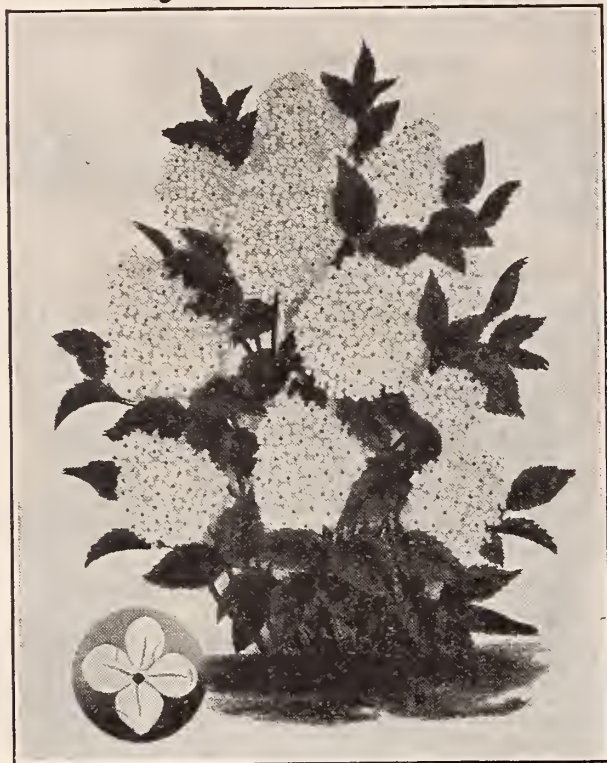
Large panicle flowered Hydrangea—one of the most satisfactory blooming shrubs, producing immense heads of white flowers, which change to a deep pink, flowering in August and September when very few shrubs are in bloom. Should be pruned back closely in winter. Don't fail to include at least one of these grand shrubs in your order. First size plants, each, 35c; large plants, 50c; extra large plants, each, \$1.00.

## **PANICULATA GRANDIFLORA STANDARDS**

6 to 8 feet.

Same as above, but grown in tree form, each, \$1.00.

## Hardy Flowering and Ornamental Shrubs.



**HARDY HYDRANGEA**—*Faniculata Grandiflora*.  
(See page 91 for prices.)

### LILAC—*Syringa*

An extremely hardy, handsome, large growing shrub, producing sweet scented flowers in May; succeeds well under all conditions but blooms best when growing in rich soil. Our Lilacs have been carefully cultivated and are all of fine shape and perfectly healthy.

#### LILAC, VULGARIS

This is the true old garden Lilac. 8 to 10 feet. May.

Rubra, Purple. First size plants, each, 35c, 3 for \$1.00; per doz., \$3.75; large plants, each, 50c, 3 for \$1.25; per doz., \$4.50; good sized clumps, each, \$1.00, 3 for \$2.75; extra large clumps, each, \$2.00, 3 for \$5.50; mammoth size, for immediate effect, from \$4.00 to \$10.00 each.

Alba, White. First size plants, each, 50c, 3 for \$1.25; good size clumps, each, \$1.00, 3 for \$2.75; extra large clumps from \$2.00 to \$5.00 each.

#### LILAC, CHARLES X

7 to 8 feet. May.

Same type as Vulgaris, but with reddish purple flowers which are somewhat larger than those produced by the above named variety. First size plants, each, 50c, 3 for \$1.25; large plants, each, \$1.00, 3 for \$2.75.

#### LILAC, PERSIAN—*Persica*

7 to 8 feet. May.

The flowers are light purple and in open heads, completely covering the bush. The habit is more open than that of the common lilac. First size plants, each, 50c.; large clumps, from \$1.00 to \$3.00 each.

#### LILAC, HUNGARIAN, or JOSIKAEA

Late Blooming Lilac. 8 feet. June.

This species differs from the garden lilac, in that it has large, shining foliage and dark, lilac-colored flowers, blooming in June, and is particularly useful on this account, other lilacs being out of flower then. Does not spread from the roots. First size plants, each, 50c.; large plants, each, \$1.00; extra large plants, each, \$2.00.

#### LILAC, JAPAN TREE

20 feet. End of June.

A species from Japan and growing in tree form, much resembling a Whitney crab apple in shape, with bark like cherry; foliage dark green, glossy, leathery. Flowers creamy white and produced in great panicles; very desirable on account of coming into bloom so

late in the spring. First size plants, each, 50c.; large plants, each, \$1.00; extra large plants, each, \$1.50; large trees, \$2.50 to \$5.00 each.

#### DOUBLE FLOWERING PLUM

*Prunus Triloba*. 5 feet. May.

This is planted for its large double pink flowers, which usually appear in June and which are as double as small roses. Large plants, each, 75c.; extra large plants, each, \$1.50; mammoth size, each, \$2.50.

#### PURPLE LEAVED PLUM

*Prunus Pissardi*. 10 feet.

One of the best purple leaved shrubs, or small trees, as it retains its color until the very last thing in the fall—which no other shrub does. As early as May it is often a mass of small, white flowers; worthy of general planting. Requires some protection. Large plants, each, 75c.; extra large plants, each, \$1.50; mammoth size, \$2.00 to \$5.00 each.

#### PYRUS ARBUTIFOLIA—Choke Berry

4 to 5 feet

One of the most desirable of shrubs. The flowers are white, in clusters, and appear in such abundance as to entirely envelop the bush; blooms in May. The flowers are followed by bright red berries which remain in perfection well into winter. Large plants, each, 75c.

#### OLEASTER

*Eleagnus Augustifolia* 20 feet. June.

Has silvery foliage; grows anywhere and is used principally for its silvery hued branches and leaves. Large plants, each, 50c.; extra large plants, each, \$1.00

#### RUSSIAN MULBERRY

A very large shrub when grown to bush form, or it can be trained into a small tree. Very interesting foliage—each leaf being different. Excellent for use as a tall hedge or screen for shutting off alleys; succeeds in poor soil but should have a sunny position. First size plants, each, 35c, 3 for \$1.00; large plants, each, 75c, 3 for \$2.00; extra large plants, each, \$1.50, 3 for \$4.00; mammoth size, each, \$3.00.

#### MOCK ORANGE, or SYRINGA

8 feet. May.

A strong growing shrub with sweet scented white flowers in the greatest profusion; foliage bright and handsome. No garden is complete without one or more of these grand shrubs. Grows well in poor soil and does well in the shade. Don't leave this out of your list. Large plants, each, 50c, 3 for \$1.25; extra large plants, each, \$1.00; mammoth size for immediate effect, each, \$2.00.



LILAC—VULGARIS

If you have room in your garden for but one shrub, that one should be the **HARDY HYDRANGEA**. It will give you more satisfaction than any shrub we know of. See page 90 for prices.

"General Jack," the most beautiful of all Hardy Red Roses. Don't fail to include them in your order.

# HARDY FLOWERING SPIRAEAS.



SPIRAEA—ANTHONY WATERER

## A PAGE OF SPIRAEAS

A splendid garden shrub; entirely hardy and extremely free blooming. By making a selection from the various varieties listed below, a continuation of bloom can be secured throughout the spring and summer. We have catalogued only those sorts that we know to be perfectly hardy and such as will give best results.

### SPIRAEA, ANTHONY WATERER

2 to 3 feet

A most beautiful variety of Bumalda. In habit of growth it is the same as its parent. The flowers are crimson in the bud and when first open, fading afterwards to a deep pink. It blooms in June and if the flowers are cut off as fast as they commence to decay, there will be a continuance of them throughout the season—to some extent. First size plants, each, 50c, 3 for \$1.35; large plants, each, \$1.00, 3 for \$2.75.

### SPIRAEA, ARGUTA

3 feet. May.

The first Spiraea to bloom; produces sprays of snowy white flowers, and is considered one of the most beautiful varieties of this grand plant. Don't fail to include this with your list. First size plants, each, 50c, 3 for \$1.35; large plants each, \$1.00, 3 for \$2.75.

### SPIRAEA, ASH LEAVED.—SORBIFOLIA

4 feet. July.

A beautiful variety, producing in July; long panicles of white flowers, leaves resembling those of the mountain ash—of genuine merit. First size plants, each, 50c, 3 for \$1.35; large plants, each, \$1.00, 3 for \$2.75.

### SPIRAEA, BILLARDI

5 feet

Bears epikes of rosy pink flowers in June, continuing to some extent all summer. First size plants, each, 50c, 3 for \$1.35; large plants, each, \$1.00, 3 for \$2.75.

### SPIRAEA, BUMALDA

2 feet

Bears numerous flat heads of rosy pink flowers toward the middle of June, and continues to produce them until the close of autumn; of compact growth. First size plants, each, 50c, 3 for \$1.35; large size plants, each, \$1.00, 3 for \$2.75.

### SPIRAEA, CALLOSA

4 feet. July.

Flowers pink and in large flat heads. Blooms in July and continues for several weeks. First size plants, each, 50c, 3 for \$1.35; large plants, each, \$1.00, 3 for \$2.75.

### SPIRAEA, DOUGLASSI

4 feet

Flowers pink; in finger-like panicles; one of the best sorts. First size plants, each, 50c, 3 for \$1.35; large plants, each, \$1.00, 3 for \$2.75.

### SPIRAEA, OPULIFOLIA AUREA

6 feet

Golden leaved. The flowers are white, in flat heads, opening in June; foliage a beautiful golden, which is very pretty in early spring. First size plants, each, 50c, 3 for \$1.35; large plants, each, \$1.00, 3 for \$2.75.

### SPIRAEA, PRUNIFOLIA FL. PL.

Double Flowered Plum Leaved Spiraea, also called "Bridal Wreath."

The pretty double white flowers are produced in bunches of twos and threes all along the almost leafless stems. They usually expand in May and continue to bloom a long time. Justly merits a place in the front rank among flowering shrubs. Large plants, each, 50c, 3 for \$1.35; extra large plants, each \$1.00; 3 for \$2.75.

### SPIRAEA, THUNBERGII

4 feet

Produces single white flowers in bunches of two to four in May, leaves narrow and of a light green color; very graceful in appearance, the branches being somewhat drooping. First size plants, each, 50c, 3 for \$1.35; large plants, each, \$1.00, 3 for \$2.75.

### SPIRAEA, VAN HOUTTEI

Also called "Bridal Wreath"

6 feet

In June when enveloped by a mass of snow-white flowers, it becomes the most conspicuous of all the shrubs in the garden. Its delicate, graceful foliage makes it attractive at all times during the summer. First size plants, about 2 ft., each, 50c, 3 for \$1.35; large plants, each, \$1.00, 3 for \$2.75; large clumps, each, \$2.00.

We have a limited number of Larger Shrubs of the above named Spiraeas and which we can offer at \$2.50 each. Where an immediate effect is wanted these are most desirable.



SPIRAEA VAN HOUTTEI

If you buy Trees, Shrubs, Vines, etc., in LARGE QUANTITIES we will make Liberal Discounts from prices named in this list.

# Hardy Flowering and Ornamental Shrubs.



MOCK ORANGE—*Syringa*  
See page 92, for description and price

## SCARLET FRUITED THORN

*Crataegus Coccinea* 10 to 12 feet

This, besides its white blossoms, has very large scarlet fruit in the fall. It is the earliest Hawthorn to flower, blooming in May. When the fruit is ripe it is unusually attractive. Large plants each, \$1.00, 3 for \$2.75; extra large plants, each, \$2.00, 3 for \$5.00.

## SWEET SHRUB

*Calycanthus Floridus*. 5 to 6 feet.

A handsome shrub; flowers brown-red with an exquisite pineapple fragrance. Requires some protection. Large plants, each, 50c, 3 for \$1.35.

## ST. JOHN'S WORT

*Hypericum Aureum*. 3 feet.

Produces very large yellow flowers and is a grand acquisition to any collection of shrubs. Requires some protection. Large plants, each, 50c, 3 for \$1.35; extra large plants, each, \$1.00, 3 for \$2.75.

## SNOWBERRY

*Symphoricarpus Racemosus*. 4 feet.

With its pink flowers and white, waxy berries, borne at the same time, it is very ornamental in the latter part of summer; makes a grand effect when planted near or among the Barberry, one having white berries, the other red. First size plants, each, 35c, 3 for \$1.00; large plants, each, 50c, 3 for \$1.35; extra large plants, each, \$1.00, 3 for \$2.75.



SWEET SCENTED SHRUB  
*Calycanthus Floridus*

## SMOKE TREE

*Rhus Cotinus*. 9 feet.

The large panicles of purplish, misty-looking flowers this bears in June, makes it a most attractive shrub. In fall the leaves change to brown, red and yellow colors. Large plants each, 50c, 3 for \$1.35; extra large plants, each, 75c, 3 for \$2.00.

## SUMACH AROMATIC

*Rhus Aromatica*. 6 feet.

A spreading shrub, bearing orange red berries, which ripen in June. In autumn the foliage changes to a beautiful scarlet. Large plants, each 75c, 3 for \$2.00; extra large plants, each, \$1.25, 3 for \$3.50

## SUMACH—CUTLEAF

*Rhus Laciniata*. 5 feet.

A beautiful variety, with finely divided leaves, crimson in the fall. Should be planted where it may "sucker up" to make a large clump. Large plants, each, 50c, 3 for \$1.35; extra large plants, each, \$1.00, 3 for \$2.75.

## COMMON SNOWBALL

*Viburnum Sterilis*. 9 feet.

The Common Snowball, is, perhaps, one of the most generally useful shrubs for the lawn. It grows vigorously and is broad, and bears numerous balls of snow-white blossoms about the end of May. First size plants, each, 50c, 3 for \$1.35; large plants, each, \$1.00, 3 for \$2.75; large clumps, \$2.00 to \$3.00 each.

## JAPAN SNOWBALL

*Viburnum Plicatum*. 7 feet.

Much superior to the old Snowball; of upright, bushy growth, entire leaves, and bearing heads of white flowers in great profusion; blooms in June. It stands unrivaled among shrubs. First size plants each, 50c, 3 for \$1.35; large plants, each \$1.00, 3 for \$2.75; extra large plants, each \$2.00, 3 for \$5.00.



COMMON SNOWBALL—*Viburnum Sterilis*.

You will make no mistake in planting **MINNESOTA GROWN NURSERY STOCK**. Its extreme hardiness makes it the most desirable.

# Hardy Flowering and Ornamental Shrubs.

## SHEEP BERRY

*Viburnum Prunifolium.* 8 feet.

A large growing shrub, bearing flat clusters of white flowers in early summer, followed by black fruit in the fall. First size plants, each, 35c, 3 for \$1.00; large plants, each, 50c, 3 for \$1.35; extra large plants, each, \$1.00, 2 for \$2.75.

## SILVER THORN

*Eleagnus Parvifolia.* 10 feet.

A grand shrub; flowers sweet scented, and which are succeeded by mottled-red berries. Large plants, each, 75c, 3 for \$2.00; extra large plants, each, \$1.25, 3 for \$3.50.

## SWEET PEPPER BUSH

*Clethra Alnifolia.* 4 feet.

Bears a profusion of sweet scented flowers in the early days of August; perfectly hardy, succeeding in any soil. Large plants 35c, 3 for \$1.00; extra large plants, each, 50c, 3 for \$1.35.

## TAMARIX ODESSANA

5 feet.

One of the most satisfactory shrubs in cultivation; succeeding in sand, or soil where most shrubs will not do well. Has fine, feathery foliage and small pink flowers, which appear about June and continue until fall. First size plants, each, 50c, 3 for \$1.35; large plants, each, \$1.00, 3 for \$2.75.

## WEIGELIA ROSEA

6 feet.

Beautiful shrubs, that bloom in June and July; the flowers are produced in so great a profusion as to almost hide the shrub. They are very desirable plants for the border or for grouping or as specimen plants for the lawn. Requires winter protection for the first few years, after that they will take care of themselves. First size plants, each 75c, 3 for \$2.00; large plants, each, \$1.00, 3 for \$2.75.

## IMPORTANT

IT WILL BE MUCH TO YOUR ADVANTAGE TO PLACE YOUR ORDER UPON RECEIPT OF THIS CATALOGUE. WE MAKE SHIPMENT IN PROPER SEASON FOR PLANTING.



WEIGELIA ROSEA



SWEET PEPPER BUSH

*Clethra Alnifolia.*

## VARIEGATED LEAVED WEIGELIA

4 feet.

Very desirable on account of its finely variegated foliage, which is yellowish white; lasts the entire season and contrasts finely with its rose-colored flowers. First size plants, each, 75c, 3 for \$2.00; large plants, each, \$1.00, 3 for \$2.75.

## WEIGELIA CANDIDA

5 feet.

This is the very best of all white flowering Weigelias. A strong, upright, erect grower, flowers pure white and produced in great profusion in June and continues to bloom through the entire summer. First size plants, each, 75c, 3 for \$2.00; large plants, each, \$1.00, 3 for \$2.75.

## NOTE

Lack of space in this Catalogue prevents us from listing all of the trees, shrubs, etc., which we can supply to advantage. If you do not find herein what you may want in this line, we shall be glad to have you send us a memorandum of your requirements, for prices.

We make a specialty of CLEMATIS JACKMANNI, the most beautiful of flowering vines. See page 98 for description and prices.

# HARDY SHADE AND ORNAMENTAL TREES.



CUTLEAF WEEPING BIRCH

## Hardy Shade and Ornamental Trees

(Figures in parenthesis indicate about the height of the tree when at from twenty to thirty years of age.) Trees offered on the following pages are all nursery grown, transplanted and strictly first-class in every respect. The hardiness and vitality of Minnesota grown trees commend them to planters, not only for the Northwest country, but for all other localities as well. We are in position to supply large specimen trees, such as will give immediate effect. Prices on application.

### AMERICAN WHITE ASH

*Fraxinus Americana.* (50 feet.)

Considered best of the Ash family. When given ample room it attains grand proportions; under side of leaves light silvery color. Size No. 1, about 6 to 8 feet, 50c, per doz., \$5.50; size No. 2, about 10 to 12 feet, \$1.50; per doz., \$16.00; selected trees, each, \$2.50, per doz., \$28.00.

### AMERICAN BLACK ASH

*Fraxinus Sambucifolia.* (40 feet.)

Another large-growing native tree, with rather broader foliage than the White. Size No. 1, about 6 to 8 feet, each, 50c, per doz., \$5.50; size No. 2, about 10 to 12 feet, each, \$1.50; per doz., \$16.00.

### GREEN ASH

*Fraxinus Viridis.* (30 feet.)

The Green Ash is of medium height and is noted for its bright green foliage. Size No. 1, about 6 to 8 feet, each, 50c, per doz., \$5.50; size No. 2, about 10 to 12 feet, each, \$1.50, per doz., \$16.00; selected trees, each, \$2.50

### BOX ELDER, or ASH LEAVED MAPLE

*Acer Negundo.* (20 feet.)

A native tree; maple-like in its seeds and ash-like in foliage; of irregular spreading habit and rapid growth. Size No. 1, about 6 to 8 feet, each, 50c, per doz., \$5.50; size No. 2, about 8 to 10 feet, each, \$1.50, per doz., \$16.00; selected trees, each, \$2.50, per doz., \$28.00.

### AMERICAN WHITE BIRCH

*Betula Populifolia.* (30 feet.)

Commonly called Poplar Birch; much valued for its white bark and rapid growth. Size No. 1, about 6 to 8 feet, each, 50c, per doz., \$5.50; size No. 2, 10 to 12 feet, \$1.75, per doz., \$18.00; selected trees, each, \$3.00.

### EUROPEAN WHITE BIRCH

*Betula Alba.*

This variety of Birch is also much valued for its rapid growth, pretty foliage and white bark. At the age of about four years the white bark begins to appear. Size No. 1, about 6 to 8 feet, each, 50c, per doz., \$5.50; size No. 2, about 10 to 12 feet, each, \$1.75, per doz., \$18.00; selected trees, each, \$3.00.

### PAPER, or CANOE BIRCH

*Betula Papyracea.* (40 feet.)

Known as Paper and Canoe Birch; one of the finest of birches, growing into a large, shapely tree, having large leaves and beautiful white bark. Size No. 1, about 6 to 8 feet, each, 75c, per doz., \$8.00; size No. 2, 10 to 12 feet, each, \$2.00, per doz., \$22.00; selected trees, each, \$3.00.

### CUT LEAVED WEEPING BIRCH

*Pendula Laciniata.* (40 feet.)

The most popular of all weeping or pendulous trees. Its tall, slender, yet vigorous growth, graceful, drooping branches, silvery white bark and delicately cut foliage present a combination of attractive characteristics rarely met with in a single tree. Size No. 1, about 5 to 6 feet, each, \$1.50; size No. 2, about 7 to 9 feet, each, \$3.00; selected trees, each, \$5.00.

### CATALPA SPECIOSA

(40 feet.)

A valuable tree with ornamental foliage and flowers and of easy culture on common soils; leaves of immense size and heart-shaped, flowers in July when few trees are in bloom. Valuable for street and lawn planting; of rapid growth and blooming when quite young. Size No. 1, about 5 to 6 feet, each, \$1.00, per doz., \$10.00; No. 2, about 8 to 10 feet, each, \$2.00, per doz., \$22.00; selected trees, each, \$2.75.

### CATALPA BUNGEI

*Umbrella Catalpa.* (10 feet.)

Grafted on stems six to eight feet high, it makes an umbrella shaped top without pruning; perfectly hardy, and flourishes in almost all soils and climates; a most unique tree; valuable for lawn, street, park or cemetery planting. Size No. 1, about 5 to 7 feet, each, \$1.00, per doz., \$10.00; selected trees, each, \$2.00, per doz., \$22.00.

### CRAB APPLE, BECHTELS DOUBLE FLOWERING

*Pyrus Cor. Fl. Pl.* (3 to 6 feet.)

One of the most beautiful of the many fine varieties of flowering crabs; tree of medium size, covered in early spring with large, beautiful, double, fragrant, flowers of a delicate pink color. From a distance the flowers have the appearance of small roses; blooms when quite young. Size No. 1, each, 75c, per doz., \$8.00; size No. 2, each, \$1.50, per doz., \$16.00; selected trees, each, \$3.00.

### AMERICAN SWEET CHESTNUT

*Castanea Americana.* (60 feet.)

A well-known forest and nut-bearing tree; of great value for ornamental purposes. Size No. 1, about 4 to 5 feet, each, 75c; size No. 2, selected, each, \$1.50.

### DOUBLE FLOWERING CHERRY

*Cerasus Flore Alba Plena.*

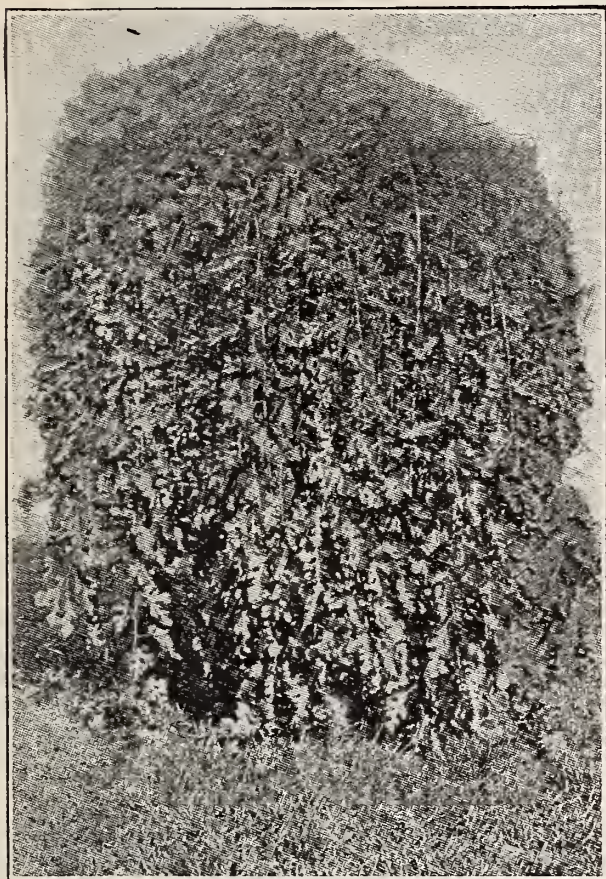
A tree of medium growth producing clusters of double white flowers in May; blooms so profusely as to completely hide the branches from view; fifteen to twenty feet high when fully grown. Size No. 1, about 5 to 7 feet, each, \$1.00, per doz., \$10.00; selected trees, each, \$2.00, per doz., \$22.00.

### CUT LEAVED WEEPING BIRCH

makes a grand effect when planted on the lawn. See illustration above.

Northern Grown Hardy Shade and Ornamental Trees Give Best Satisfaction

# Hardy Shade and Ornamental Trees.



TEAS WEEPING MULBERRY.

## HARDY SHADE AND ORNAMENTAL TREES, Continued.

### TEAS WEEPING MULBERRY. *Morus*.

A very ornamental, fast growing, umbrella-shaped weeper. Succeeds in most any soil. No. 1, about 5 to 6 ft., each \$1.50, per doz., \$16.00; selected trees, each \$3.00, per doz., \$34.00; large specimens, each \$5.00.

### RUSSIAN MULBERRY.

*Morus Tartarica*. 20 ft.

Very interesting foliage as each leaf has a different shape, is perfectly hardy and makes fine material for shutting off alleys and the like. Grows in poor soil but not well in the shade. No. 1, about 5 to 6 ft., each 50c, per doz., \$5.50; selected trees, each \$1.00, per doz., \$10.00.

### AMERICAN WHITE ELM.

*Ulmus Americana*. 60 feet.

A native tree of large size with open spreading head and graceful, drooping branches, succeeds admirably even where the soil is somewhat heavy and damp. Size No. 1, about 6 to 8 feet, each 50c, per doz., \$5.50; No. 2, 8 to 10 ft., each \$1.00, per doz., \$10.00; selected trees, each \$2.00, per doz., \$22.00.

### RED or SLIPPERY ELM.

*Ulmus Fulva*. 50 feet.

This native elm makes a good shade tree, its foliage being large and abundant. No. 1, 6 to 8 ft., each 50c, per doz., \$5.50; No. 2, 8 to 10 ft., each \$1.00, per doz., \$10.00; selected trees, each \$2.00, per doz., \$22.00.

### WEEPING ELM. *Ulmus Pendula*. 10 feet.

Grafted 6 to 8 ft. high, this forms one of the most picturesque drooping trees, leaves large, dark green and glossy. No. 1, about 5 to 6 ft., each \$1.50; No. 2, 6 to 8 ft., each \$2.50; selected trees, each \$4.00.

### EUROPEAN LARCH. *Larix Europaea*. 50 ft.

Branches slender and having a pendulous habit when young. No. 1, about 4 to 5 ft., each \$1.00, per doz., \$10.00; selected trees, each 2.00, per doz., \$22.00.

### AMERICAN LINDEN.

*Tilia Americana*. 60 ft.

Commonly known as basswood, an exceedingly fine large tree. No. 1, about 6 to 8 ft., each 75c, per doz., \$8.00; selected trees, each \$2.00, per doz., \$22.00.

### EUROPEAN LINDEN.

*Tilia Europaea*. 35 ft.

Silver leaved linden. Large tree, forming compact, round head. No. 1, about 6 to 8 ft., each 75c, per doz., \$8.00; selected trees, each \$2.00, per doz., \$22.00.

### NORWAY MAPLE. *Acer Plat.* 50 ft.

A round headed, handsome tree, large green leaves. No. 1, 6 to 8 ft., each 75c, per doz., \$8.00; selected trees, each \$2.00, per doz., \$22.00.

### SILVER LEAF MAPLE. *Acer Dasy.* 60 ft.

A beautiful, ornamental tree of quick growth. No. 1, about 6 to 8 ft., each 50c, per doz., \$5.50; selected trees, each \$1.50, per doz., \$16.00.

### SCHWEDLER'S MAPLE. *Acer Schwed.* 35 ft.

Considered by many to be the finest of hardy maples, foliage bright crimson in Spring fading to purplish green in the Autumn. No. 1, about 6 to 8 ft., each \$1.50, per doz., \$16.00; selected trees, each \$3.00, per doz., \$34.00.

### SUGAR or HARD MAPLE. *Acer Sacc.* 60 ft.

Well known for its large growth and handsome foliage in autumn. No. 1 about 8 to 10 ft., each \$1.00, per doz., \$10.00; selected trees, each \$2.00, per doz., \$22.00.

### HORSE CHESTNUT. *Aesculus Glabra*. 60 ft.

Useful as an ornamental or street tree, produces greenish yellow flowers in May. No. 1, about 4 to 6 ft., each \$1.00, per doz., \$10.00; selected trees, each \$2.00, per doz., \$22.00.

### AMERICAN MOUNTAIN ASH.

*Fraxinus Americana*. 60 ft.

Under side of leaves light silvery color. When given ample room it attains grand proportions. No. 1, about 5 to 6 ft., each 75c, per doz., \$8.00; selected trees, each \$2.00, per doz., \$22.00.

### SCARLET OAK. *Quercus Coccinea*. 60 ft.

Makes a large tree, foliage turns to scarlet in the Fall. No. 1, about 4 to 5 feet, each \$1.50, per doz., \$16., selected trees, each \$3.00.

### AMERICAN WHITE OAK. *Quercus Alba*. 60 ft.

The foliage takes on a purplish hue in the Autumn. Suitable for avenue planting. No. 1, about 5 to 6 feet, each \$1.00, per doz., \$10.00.

### CAROLINA POPLAR. *Populus Delt.* 50 ft.

Of strong, quick growth and handsome shape. Desirable for planting where shade is wanted quickly. No. 1, about 6 to 8 feet, each 50c, per doz., \$5.50; selected trees, each \$1.50, per doz., \$16.00; specimen trees, each \$3.00.

### LOMBARDY POPLAR.

*Populus Fastig.* 60 ft.

Very popular for producing landscape effects. Makes an excellent tall screen. No. 1, about 6 to 8 feet, each 50c, per doz., \$5.50; selected trees, each \$1.50, per doz., \$16.00. Specimen trees, each \$3.

### WHITE or SILVER POPLAR.

*Populus Alba*. 50 ft.

Resembles the Lombardy but has silver foliage and is not as fast a grower. No. 1, about 6 to 8 feet, each 50c, per doz., \$5.50; selected trees, each \$1.50.

### RED BARK or MAHOGANY WILLOW.

*Salix Brit.* 20 ft.

Grows compact and symmetrical. A very attractive tree for winter contrasts. No. 1, about 5 to 6 feet each 50c, per doz., \$5.50; selected trees, each \$1.50.

### GOLDEN WILLOW.

*Salix Vit.* 20 feet.

Bark is bright golden yellow, branches somewhat drooping. No. 1, about 6 to 8 feet, each 75c, per doz., \$8., selected trees, each \$1.50, per doz., \$16.00.

### KILMARNOCK WEEPING WILLOW.

*Salix Pendula*. 6 feet.

Forms without any trimming an exceedingly graceful tree, with glossy foliage and perfect umbrella head. No. 1, about 5 to 7 feet, each \$1.50, per doz., \$16.00; selected trees, each \$3.00.

Write for Prices on Trees not listed in this Catalogue. We can supply all Standard Varieties to Advantage.

# ORNAMENTAL AND FLOWERING CLIMBERS.



CLEMATIS JACKMANNI

## CLIMBING VINES

Hardy Vines are a specialty with us and we supply only large, strong roots, such as will give good results the first season. Our Clematis are home grown and should not be compared with the inferior imported stock offered at low prices by some catalogue houses.

### AMPELOPSIS VEITCHII, or BOSTON IVY

Also called Japanese Ivy. Leaves overlap one another, forming a dense sheet of green. The plant is a little tender while young, and requires protection the first few winters, but once established, there is no further risk. It grows rapidly and clings to the wall or fence with the tenacity of ivy; the foliage is very handsome in summer, and changes to crimson scarlet in autumn. For covering walls, stumps of trees, rockeries, etc., no plant is so useful. For the ornamentation of brick and stone structures, it can be specially recommended. First size roots, each, 50c, per doz., \$5.00; extra large roots, each, \$1.00, per doz., \$9.00.

### ARISTOLOCHIA—Birthwort

Sipho. (Dutchman's Pipe) A native species, of climbing habit and rapid growth, with magnificent light green foliage 10 to 12 in. in diameter, and curious pipe-shaped, yellowish brown flowers. First size roots, each, 75c, per doz., \$7.50; extra large roots each, \$1.50, per doz., \$16.00.

### BITTERSWEET

A long growing vine of rich, glossy foliage with yellow flowers, succeeded by orange berries, holding all winter. First size roots, each, 35c, per doz., \$4.00; extra large roots, each, 75c, per doz., \$7.50.

### HALL'S HONEYSUCKLE

An almost evergreen variety, with pure white flowers, changing to yellow; very fragrant and a vigorous grower; covered with flowers from July to October; best blooming of all. First size roots, each, 50c, per doz., \$5.00; extra large roots, each, \$1.00, per doz., \$10.00; mammoth size, each, \$1.50.

### SCARLET TRUMPET HONEYSUCKLE

#### *Sempervirens*

Flowers deep red, trumpet-shaped—blooms all summer; appropriate for trellises and rock work; one of the handsomest. First size roots, each, 50c, per doz., \$5.50; extra large roots, each, \$1.00, per doz., \$10.00; mammoth size, each, \$1.50.

We make a specialty of CLEMATIS, supplying choicest roots obtainable

## CLEMATIS

None among hardy perennials exceeds in beauty and effectiveness the finer sorts of Clematis. As a climber for the veranda, a screen for fences, for pillars along the garden walks, for training on walls or arbors, in masses on rockwork or cultivation in pots, it has no rival among the strong-growing blossoming plants. The Clematis should be grown in rich, deep, sandy loam, and be well mulched with rotten manure in winter. The richest sheets of bloom and largest flowers are obtained where it has partial shade and a liberal supply of water at the roots. After many years' experience we have come to the conclusion to offer only a few varieties which have proved worthy of general cultivation.

### JAPANESE CLEMATIS

#### *Paniculata*

A quick growing, dense vine of easy culture, covered in September with a white mass of small fragrant star-shaped flowers. First size roots, each, 35c, per doz., \$4.00; large roots, each, 60c, per doz., \$6.50; extra large roots, each, \$1.00, per doz., \$10.00.

### VIRGINIA CLEMATIS, or VIRGIN'S BOWER

Much like the foregoing, but with large leaves, a strong grower, its flowers appearing a month earlier so they supplement each other. First size roots, each, 35c, per doz., \$4.00; large roots, each, 60c, per doz., \$6.50.

### JACKMANNI CLEMATIS

This is perhaps the best known of the newer fine perpetual Clematis, and should have credit for the great popularity now attending this family of beautiful climbers. The plant is free in its form of growth, and an abundant and successful bloomer, producing flowers until frozen up. The flowers are large and of intense violet purple, remarkable for its velvety richness. Large roots, each, \$1.00; extra large roots, each, \$1.50.

### HRNRYII CLEMATIS

One of the best perpetual hybrids; of robust habit and a very free bloomer. The flowers are white, large and very showy. July to October. Large roots, each \$1.00; extra large roots, each, \$1.50.

### COCCINEA CLEMATIS

A pretty, herbaceous sort, with bell-shaped scarlet flowers. Large roots, each, 35c, per doz., \$4.00; extra large roots, each, 75c, per doz., \$8.00.

### CHINESE MATRIMONY VINE

#### *Lycium Chinese*

A hardy climber, purple flowers, scarlet berries. Large roots, each, 75c, per doz., \$8.00.

### TRUMPET VINE

#### *Bignonia Radicans.*

Much esteemed for its very large, red trumpet flowers, blooming all summer. Large roots, each, 75c, per doz., \$8.00; extra large roots, each, \$1.25, per doz., \$12.50.

### WOODBINE, or VIRGINIA CREEPER

A popular, hardy, strong-growing climber with healthy foliage, which turns to a rich crimson color in the autumn; used for covering fences, trellises, old stumps, etc. Large roots, each, 35c, per doz., \$4.00; extra large roots, each, 75c, per doz., \$8.00; mammoth roots, each, \$1.25, per doz., \$12.50.

### ENGLEMANN'S WOODBINE

A variety of the foregoing, but in addition, it is self-supporting and attaches itself firmly, and will climb to the top of tall buildings. Large roots, each, 50c, per doz., \$5.50; extra large roots, each, \$1.00, per doz., \$10.00.

### PURPLE WISTARIA

A strong climber, with large, fragrant clusters of blue flowers in June. Large roots, each, 50c, per doz., \$5.50; extra large roots, each, \$1.00, per doz., \$10.00.

### MOONSEED

#### *Menispermum*

A vigorous Vine, growing in absolute shade or in low ground; has glossy, dark green round foliage—never attacked by insects; produces long feathery sprays of yellow flowers in June, followed by clusters of blue-black berries. First size roots, each, 50c, per doz., \$5.50; large roots, each, \$1.00, per doz., \$10.00.



## FRUITS, Hardy Varieties.

Our list will be found to contain only varieties of Fruits that will produce satisfactory results not only in the Northwest Country but for general planting throughout the Eastern and Southern states as well.

If our prices on any article appear higher than those contained in some catalogues be assured they are only enough higher to compensate for the superiority of our stock.

### HARDY APPLES AND CRABS.

**Duchess of Oldenburg, (Russian).** Upright in habit, bark very smooth and dark in color; fruit extra size, pale green, shading to white, beautifully striped pink, tart, juicy and tender. Considered the best of hardy apples—August and September; size No. 1, each 40c; per doz., \$4.00. Selected trees, each 75c; per doz., \$8.00.

**Wealthy.** Originated by the late Peter M. Gideon at Lake Minnetonka, Minn. Abundant bearer; fruit large, dark crimson in color; flesh crisp, sub-acid, white tinged with red. Quality the best. November to February. Size No. 1, each 40c, per doz., \$4.00; selected trees, each 75c, per doz., \$8.00.

**Martha Crab.** Very hardy, good bearer, fruit red. A fine cooking and good market variety. September to December. Size No. 1, each 40c, per doz., \$4.00; selected trees, each 75c, per doz., \$8.00;

Write for prices on other varieties of Apples.

**Minnesota Grown Fruit Trees Are Prized for their Hardiness and the Abundance of Fruit which they Produce.**

### BLACKBERRIES.

**Ancient Briton.** The hardiest known blackberry, fruit glossy black, delicious in flavor and has no hard core. Size No. 1, each 25c, per doz., \$1.50, per 100 \$7.50; size No. 2, each 50c, per dozen \$4.00.

**Snyder.** One of the best berries for market in the far north, sweet and of juicy flavor. Size No. 1, each 25c, per doz., \$1.50, per 100, \$7.50; size No. 2, each 50c, per doz., \$4.00.

### GRAPES.

**Moore's Early.** Bunch large, berry large, round with heavy blue bloom, vine exceedingly hardy. Its earliness makes it desirable for an early market; its hardiness particularly adapts it to Canada and Northern portions of the United States; succeeds admirably in the south. Two year old, each 30c, per doz., \$3.00; extra large size, each 75c, per doz., \$8.00.

**Concord.** The old favorite black grape, medium size, early and of good quality. Vine healthy and productive. Two year old, each 30c, per doz., \$3.00; extra large size, each 75c, per doz., \$8.00.

**Niagara.** The best white grape, berry and bunches large. A little earlier than Concord. Two year old, each 50c, per doz., \$5.00; extra large size, each 75c, per doz., \$8.00.

**Brighton.** One of the choicest red grapes. Vines vigorous, hardy and free from mildew, rich and sweet, much resembling the Delaware. Two year old, each 50c, per doz., \$5.00; extra large, each 75c, per doz., \$8.00.

## STRAWBERRIES

### A SPECIALTY WITH US.

**The Soil and its Preparation.**—The Strawberry may be successfully grown in any soil adapted to the growth of ordinary field or garden crops. The ground should be well prepared by trenching or plowing, at least eighteen or twenty inches deep, and be properly enriched as for any garden crop. It is unnecessary to say that if the land is wet, it must be thoroughly drained.

**To Cultivate Strawberries.**—For family use, we recommend planting in beds four feet wide, with an alley two feet wide between. These beds will accommodate three rows of plants, which may stand fifteen inches apart each way and the outside row nine inches from the alley. The beds can be kept clean, and the fruit can be gathered from them without setting the feet upon them.

**CULTURE IN HILLS.**—This is the best mode that can be adopted for the garden. To obtain fine, large, high-flavored fruit, pinch off the runners as fast as they appear, repeating the operation as often as may be necessary during the summer and early autumn. Every runner thus removed produces a new crown in the center of the plant, and in the fall the plants will have formed large bushes or stools, on which the finest strawberries may be expected the following season. In the meantime, the ground among the plants should be kept clear of weeds, and frequently stirred with a hoe or fork.

**COVERING IN WINTER.**—Where the winters are severe, with little snow for protection, a slight covering of leaves or litter; or the branches of evergreens, will be of great service. This covering should not be placed over the plants until after the ground is frozen, usually from the middle of November till the first of December in this locality. Fatal errors are often made by putting on too much and too early. Care must also be taken to remove the covering in the spring, just as soon as the plants begin to grow.

**MULCHING TO KEEP THE FRUIT CLEAN.**—Before the fruit begins to ripen, mulch the ground around the plants with short hay or straw, or grass mowings from the lawn, or anything of that sort. This will not only keep the fruit clean, but will prevent the ground from baking or drying and thus lengthen the fruiting season. Tan bark can also be used as mulch.

A bed managed in this way will give two full crops, and should then be spaded or plowed down, a new one in the meantime having been prepared to take its place.

Of the older tried varieties we have Bederwood, Warfield, Parker, Earle, Enhance, and many other sorts. Price per doz., 50c, postpaid; per 100, \$1.50; per 1000, \$6.00; by express at purchasers expense. Of the newer and superior sorts we have Sen. Dunlap, Rough Rider, Excelsa and Clyde. Per doz., 50c., postpaid; per 100, \$1.75, per 1000, \$8.00. By express at purchasers expense.



COMPASS CHERRIES.  
CHERRIES.

**Compass.** We can recommend this grand cherry for planting throughout the Northwest. Dark colored, medium sweet fruit; very hardy. June. Size No. 1, each 60c, per doz., \$6.00. Selected trees, each \$1.25, per doz., \$13.50.

**Ostheim. (Russian)** One of the hardiest; fruit, quite large, flesh tender, juicy and sweet. (July). Size No. 1, each 60c, per doz., \$6.00; selected trees, each \$1.25, per doz., \$13.50.

### CURRENTS.

**North Star.** Extremely hardy and providing a vigorous growth of wood. Rich in flavor, of superior quality and much less acid than most sorts. Size No. 1, each 30c, per doz., \$3.00, per 100, \$15.00; size No. 2, each 50c, per doz., \$5.00.

### PLUMS.

**Forest Garden.** Fruit large, red and yellow, oblong in shape, highly flavored. (August)

**Wolf.** A perfect freestone variety, superior for cooking and serving with sugar as peaches are used. (August) Price of each of above varieties, size No. 1, each 60c, per doz., \$6.00; selected trees, each \$1.25, per doz., \$13.50.

### RASPBERRIES.

**Loudon.** Canes tall and vigorous, enormously productive, berries large, conical, rich crimson, good shipper, ripens early and continues until all others are gone. Size No. 1, each 20c, per doz., \$1.00, per 100, \$5.00; size No. 2, each 50c, per doz., \$4.00.

**Gregg.** A hardy black cap, very productive, berries large, covered with a whitish bloom, quality good, firm in shipping. Size No. 1, each 20c, per doz., \$1.00, per 100, \$5.00; size No. 2, each 50c, per doz., \$4.00.



ROUGH RIDER STRAWBERRY.

We make a specialty of Strawberries. Write for Prices on quantities larger than Quoted in this list.

# HARDY AND EVERBLOOMING ROSES.



**HARDY ROSE—GENERAL JACQUEMENOT.**

## MOSS ROSES.

No collection of roses is complete without a few Moss Roses, free blooming and perfectly hardy.

**Perpetual Red Moss.** Of a beautiful carmine red color.

**Perpetual White Moss.** Large, pure white blossoms, very choice.

Two year old plants, each 50c, per doz., \$5.50; selected plants, each \$1.00, per doz., \$10.00.

## TREE or STANDARD ROSES.

A handsome ornament for the lawn or garden, standing about 4 feet high and producing numerous large, sweet-scented blossoms. They are quite hardy and can be carried through the winter by laying down and covering with straw and like material. Don't fail to include these in your order.

White, Pink or Red, each \$1.25, per doz., \$11.50; selected trees, each \$1.50, per doz., \$12.00.

## OLD FASHIONED SWEET BRIAR or EGLANTINE ROSE.

**Rosa Rubiginosa.** Handsome in flower and fruit; its leaves, flower and wood exhale a delightful fragrance. Very hardy, (4 to 5 feet.) Large plants, each 50c, per doz., 5.00; extra large plants, each \$1.00, per doz., \$10.00.

**Rosa Rugosa.** (The only rose not attacked by insects) An extremely hardy rose needing no winter protection, producing the best effect when planted on the lawn as a shrub, its dark green foliage remaining in perfectly healthy condition until late in the fall, flowers are single, white and red, followed by large red berries which remain on the plant until frost. We can recommend this as worthy of general planting in small as well as large grounds. (4 and 5 feet.)

**Rugosa.** Red, large plants, each 50c, per doz., \$5.50; extra large plants, each \$1.00, per doz., \$10.00; mammoth size plants, each \$1.50, per doz., \$16.00.

**Rugosa.** White, large plants, each 50c, per doz., \$5.50; extra large plants, each \$1.00, per doz., \$10.00; mammoth size plants, each \$1.50, per doz., \$16.00.

## PERSIAN YELLOW ROSE.

The favorite double yellow rose, blooms in June and has dainty foliage. 2 year old roots, each 50c, per doz., \$5.50; selected roots, each \$1.00, per doz., \$10.00.

The Rose can truly be called the "Queen" of flowers. Contrary to the general impression, they are of the easiest culture providing proper attention is given to selection of varieties suitable to your locality and proper planting. We shall be glad to make selection of sorts for you if such request is mentioned on order. (Complete Cultural directions free with each order.)

## HYBRID PERPETUAL ROSES.

These grand Roses bloom all summer providing they are properly taken care of by spraying when necessary and protected during winter. They should be planted in rich, heavy soil. The short list mentioned is selected from many collections. We can supply, however, many other varieties besides and shall be pleased to give list of them on application.

**General Jacquemenot.** Bright crimson, fragrant.

**Anna de Diesbach.** Brilliant carmine, fragrant.

**Mabel Morrison.** Delicate white, fragrant.

**Marshall P. Wilder.** Deep crimson.

**Paul Neyron.** Deep rose, nearly thornless.

**Mrs. John Laing.** Very large, delicate pink.

**Magna Charta.** Clear, rosy red, beautifully flushed with crimson.

Price, 2 year old selected, each 50c, per doz., \$5.00; 3 year old selected, each \$1.00, per doz., \$10.00.

**NOTE.** All of our Roses are home grown and must not be confounded with the imported stock offered by department stores and others at low prices and which, as a rule, last but for one season.

## HARDY CLIMBING ROSES.

No garden is complete without these grand Climbing Roses. They produce a wealth of bloom and can be carried through from year to year by protecting slightly through the winter.

**Crimson Rambler.** Brilliant crimson flowers produced in trusses, pyramidal in shape, wonderfully free blooming. 2 year old roots, each 50c, per doz., \$5.50; selected roots, each \$1.00, per doz., \$10.00.

**Prairie Queen.** Bright red, frequently striped with white.

**Baltimore Belle.** Pale blush, frequently becoming nearly white. The above two varieties are the "old fashioned" Climbing roses of our grandmothers' gardens and cannot be surpassed for freedom and fragrance of bloom. 2 year old roots, each 50c, per doz., \$5.50; selected roots, each \$1.00, per doz., \$10.00.

## HARDY CEMETERY ROSE.

**Madame Plantier.** An extremely fragrant double white rose having obtained the name of "Cemetery Rose" on account of the large number that is used throughout the country for planting in cemetery plots. 2 year old roots, each 50c, per doz., \$5.50, selected roots, each \$1.00, per doz., \$10.00.

## WILD ROSE.

A selected wild rose of dwarf habit, suckers rapidly and is therefore good for holding embankments or ground covering in the shade, the single blossoms completely cover the plant in June, followed by an equal number of brilliant red berries holding on all winter. 1st size plants, each 35c, per doz., \$3.00, large plants, each 50c, per doz., \$5.50; extra large plants, \$1.00, per doz., \$10.00.

## CLOTHILDE SOUPERT ROSE.

The most free blooming rose we know of, flowers medium size, very double and beautifully formed, oval at first but flattening as they expand. Color pearly white at outer edge, shading to a center of rosy pink, sometimes varying in color to nearly pure white. Very fragrant and a constant bloomer. 1st size plants each 35c, doz., \$4.00; large ea. 50c, doz., \$5.50; extra, ea. 75c, per doz., \$8.00.

## EVERBLOOMING or TEA ROSES.

What is commonly known as "everblooming" roses are equally valuable for summer and winter blooming being almost continually in flower, they are not however hardy enough to withstand northern winters and must be moved into the house or conservatory when cold weather sets in. We have a fine collection and can supply extra good stock which is particularly adapted for making show beds.

White, Pink, Scarlet, Crimson, Yellow; large plants each 50c, per doz., \$5.50; extra large, each 75c, per doz., \$8.00.



**HARDY CLIMBING ROSE PRAIRIE QUEEN.**

**Minnesota Grown Roses Are Hardest and Most Free Blooming.**

**New Double Tube  
Insect Exterminator,  
with Glass Reservoir**

The following are a few of its Points of Excellence:

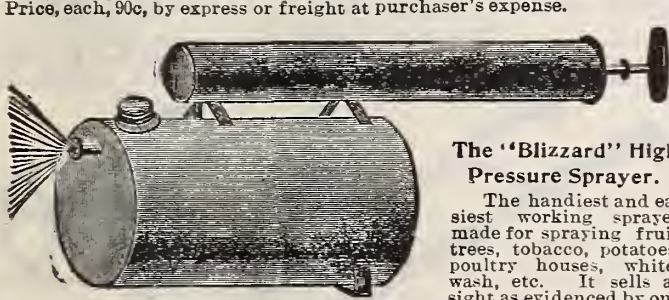


First.—The operator can at all times see the ingredients mixing and just how they are working.

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.



**The "Blizzard" High Pressure Sprayer.**

The handiest and easiest working sprayer made for spraying fruit trees, tobacco, potatoes, poultry houses, white-wash, etc. It sells at sight as evidenced by our experience last season.—

Holds one gallon of mixture and after pumping in a few strokes of air works continuously. Will throw a broad spread, mist-like spray. Also direct from the stopcock a coarse Bordeaux spray ten to twelve feet high and a straight stream much higher. Is equipped with stopcock and nozzle.

Blizzard, No. 35, galvanized iron tanks, price, each \$1.50

**THE ACME POTATO PLANTER, 60c, 3 for \$1.50.**

A great labor saver. Anybody having from 1 to thirty acres of potatoes to plant will find the Acme will do the work better, cheaper and quicker than any other machine made. Any man can plant two acres with perfect ease in a day. The secret of the Acme Potato Planter's work is that it makes the holes, drops and covers the seed at one operation.

**RUBBER PLANT SPRINKLERS.**

This is the finest Sprinkler made. It is durable, quickly and conveniently filled, throws a strong, fine spray, which thoroughly washes the foliage of the plants, removing dust and insects. Indispensable for floral work, window gardening and sprinkling clothes.



Rubber Plant Sprinkler.

Price, 6 oz., 50c; 8 oz., 75c.

**NOYES' HANDWEEDER.**



This is an excellent implement for hand weeding in bed sauce, such as onions, carrots and the like; it is especially valuable where the

ground is hard or baked. By mail 25c.

**LANG'S HANDWEEDER**

Is becoming more popular each year. It is very conveniently used and fits the hand so comfortably that the fingers are entirely free for use whenever necessary.



Price, by mail, 25c.

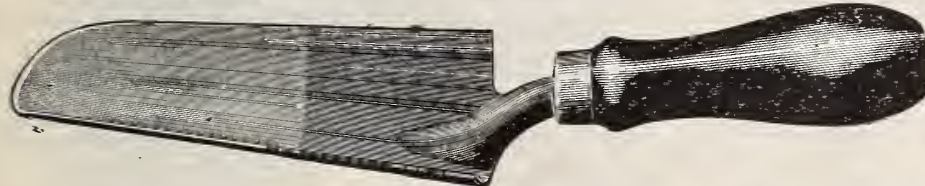
**EXCELSIOR HANDWEEDER.**



A handy and efficient tool in the flower and vegetable garden. To be used when weeds are small. Price, by mail, 20c.

**Empire Rotary HAND CORN PLANTER.**

The only Hand Planter made that has a Polished Steel Foot Iron and Iron Cut Off, three Seed Plates with seven Seed Chambers each, a Gravitating Paul and Stop Latch to operate the Seed Plates and has no springs to break or get out of order. Price, \$1.00.



**A Good Steel Trowel Cheap.**

We are able to offer a first-class, stout, all-steel sharpened and polished 6-inch trowel, made in one piece, and large wooden handle, at the exceedingly low price of 15c each. If by mail, postpaid, 30c. This Trowel will give perfect satisfaction, and is by far the lowest price at which we have ever known so good a trowel to be offered.

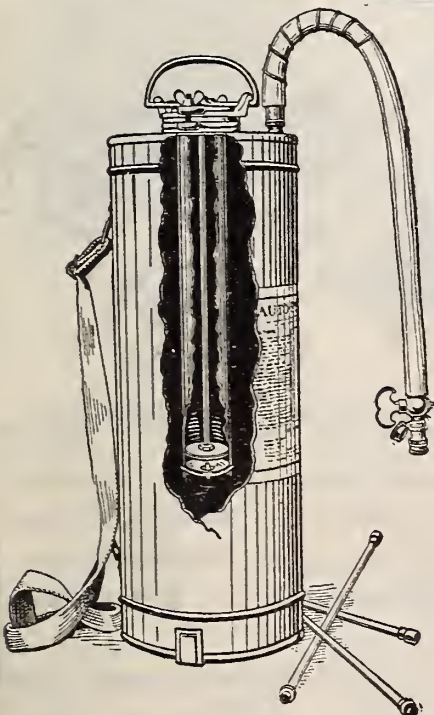
**"AUTO-SPRAY,"  
A Self-Operating or Automatic Sprayer,**

The climax of all Sprayers; combines every conceivable point of excellence, including economy, durability, low price and ease in Carrying and Operating. Nothing but Galvanized Iron and Solid Brass or Copper used, in making the "AUTO-SPRAY" with four-ply rubber hose—nothing to rust or corrode. Eight to ten strokes of plunger in air chamber will compress enough air to discharge the entire contents and make a continuous spray for nine minutes—This means that the "AUTO-SPRAY" can be charged in fifteen seconds, when it will work uninterruptedly long enough to spray a quarter-acre of potatoes. The "AUTO-SPRAY" will throw a spray of equal fineness as far as any pump in the world. For spraying cattle to keep off flies, etc. For washing windows. For washing wagons. For Fire Extinguisher. And various similar uses the "AUTO-SPRAY" beats them all.

PRICE of "AUTO-SPRAY" made with Galvanized Steel Reservoir, \$4.50  
With Solid Brass Reservoir, 6.00

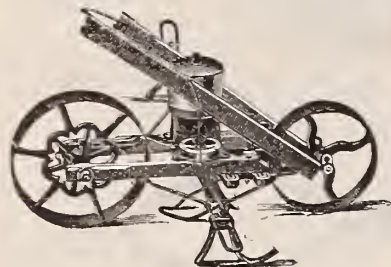
Our price on all Sprayers includes boxing and delivery to express or freight office at Minneapolis, purchaser to pay transportation charges. Where seeds are to be sent at same time, a Sprayer can be put in without any appreciable extra charge for transportation. With every Sprayer is furnished complete instructions for use and formulas for emulsions, disinfectants, etc., the materials for which can be obtained cheaply at any drug store.

Weight, empty, 7 lbs. Weight, loaded, 39 lbs. Capacity, about 4 gallons.



# Garden Drills and Cultivators.

LOW IN PRICE. PERFECT IN OPERATION. UNQUALIFIEDLY GUARANTEED.



No. 1.—Drill only, with handles, front wheel and markers.

Delivered to R. R. in Minneapolis. boxed, for \$6.00.

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.

Three 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.**



No. 3—Single Wheel Cultivator with 5 teeth, 2 hoes, delivered to R. R. in Minneapolis, for - \$3.00

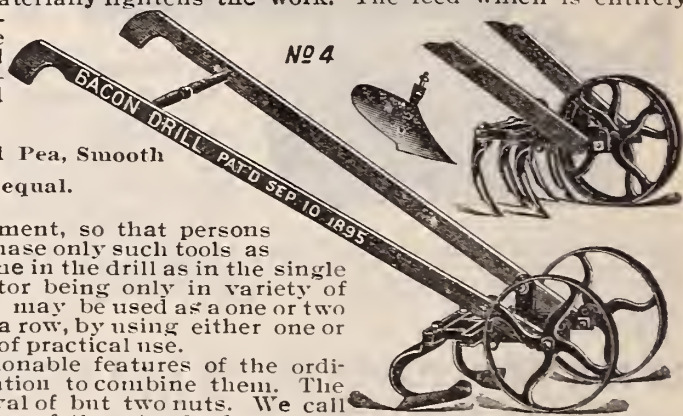
**THESE DRILLS** are showing exceptionally fine sowing qualities, weigh but thirty-three pounds, and are very light running. By placing the large drive wheel behind in pushing, the weight of the arm and drill are thrown upon it, insures a regular movement of the feed and materially lightens the work. 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. It 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.

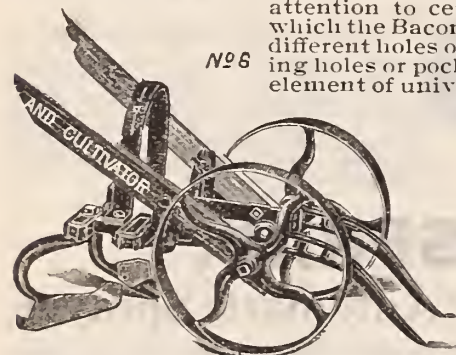
All drills have the cultivator frame attachment, so that persons having the drill and wishing a cultivator need to purchase only such tools as wanted. The handles and cultivator frame are the same in the drill as in the single and double wheel cultivator, the difference in cultivator being only in variety 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 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.

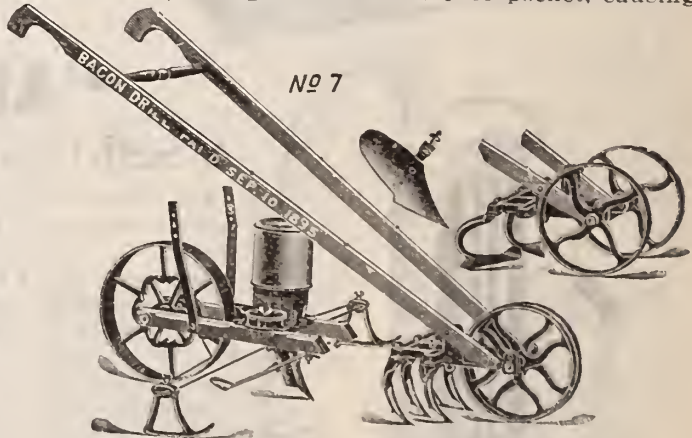
The Bacon feed, in a very simple combination, not only gives holes or passages suitable to the various seeds, but also the property of varying the passages in a manner not found in any other drill. The passage is always the same diameter and of proper size to give free passage to the most difficult seeds. 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 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. 6 Double Wheel Expansion Arch Cultivator with 6 teeth, 2 hoes, 1 plow. Delivered to R. R., Minneapolis for \$6.00



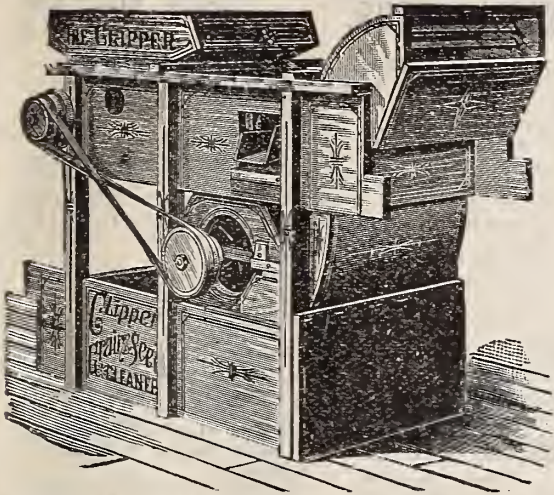
No. 7—Drill with Combination Cultivator, with 5 teeth, 2 hoes, 1 plow. Delivered to R. R. in Minneapolis for - \$8.00

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, SPRAYERS, etc. We are sole State Agents for the celebrated PRAIRIE STATE INCUBATORS and BROODERS. Write us for their new catalogue.

# DO YOU WANT TO OWN THE BEST FANNING MILL?

If so, it must be the "CLIPPER."

There Can Be Only One Mill that is The Best, and We Unqualifiedly Guarantee the "CLIPPER" to be that Mill.



We say this after an experience of over twenty years' use of many makes and styles of mills in our own business of cleaning seeds. We say this, after seeing every leading seed house in the United States discard other mills in favor of the Clipper for their own use. We say this, after having recommended, without favor and without profit, the CLIPPER Mill to hundreds of our customers, who have asked our advice as to the best mill for them to buy; and not one of these has failed to say that it is the best mill he ever used.

After watching the work performed by the Clipper Mill for nearly twenty years, and seeing it become, from a small beginning, the best and most popular mill on the market, we have arranged with the manufacturers for the exclusive sale of the Clipper Mill for the following states: Minnesota, North Dakota, South Dakota, Iowa, Montana and Northern Michigan, also Province of Manitoba.

It is a great satisfaction to handle such a mill as the Clipper. Not only does it do its work better and more economically than other mills, but it will outwear a dozen mills such as are ordinarily put up for farm use. It is built "to stay" and will last a long lifetime.

The Clipper Mill is built in several sizes, both hand and power, for farm, warehouse and elevator use. Catalogue with prices and discounts mailed on inquiry to all interested.

Just now we call attention to the No. 1 Hand Power Clipper Grain and Seed Cleaner. This is the best size for farm and

general use. It is equipped with one wire and eight perforated zinc screens, separating boards, etc. It cleans all classes of grain and seeds, such as wheat, corn, oats, barley, beans, peas, buckwheat, millet, clover, timothy, mustard, flax, etc. Unlike other mills, the Clipper cleans all classes of seed and grain, thoroughly, in one operation, without any waste, and leaves no tailings to be rehandled. Effectual separation of plantain from clover is accomplished, removing all imperfect seed therefrom as well as cleaning the perfect seed. Other mills depend entirely on screens for this work, and with unsatisfactory results, but the Clipper cleans all straw and foreign matter from grain before it enters the air shaft, and the vertical blast does the rest. The screens 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.

### A Few Specialties in Poultry Supplies.

**PHILADELPHIA MARKER.** One of the best in use for marking young chicks and gives satisfaction wherever used. Price, 30c postpaid.

**GEM LEG BANDS.** Best of their kind: made of aluminum, light and strong. One size only, adjustable to fit any sized fowl. Price, postpaid, 1 doz., 25c, 2 doz., 35c., 100 for \$1.00.

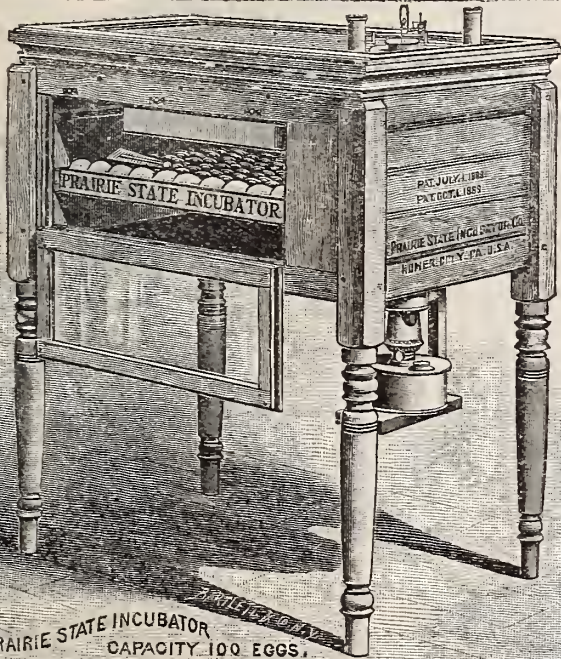
**EGG TESTER.** Best and cheapest on the market. Fits any small lamp and will show just how eggs are progressing. Price, 30c, postpaid.

**PRAIRIE STATE INCUBATOR THERMOMETER.** Thoroughly accurate, seasoned and tested. Price, 75c, postpaid. Jumbo Powder Gun, 25c, postpaid. Insect Powder Bellows, by express, 60c. We carry a full line of Lee's Insecticides, Mann's Bone Cutters, Root Cutters, etc., and can sell to advantage anything in the Poultry Supply Line.

**POULTRY FOOD.** A celebrated artist when asked with what he mixed his paints, replied, "With brains." Precisely so does a progressive Poultry Keeper mix his rations.

**CRUSHED OYSTER SHELLS.** The most frequent cause of hens not laying is the absence in the food of Carbonate of Lime. As Crushed Oyster Shell is practically pure Carbonate of Lime, it supplies, when fed to poultry, the most essential element and greatly aids in the formation of the egg.

Exclusive Northwestern Agents for "Prairie State" Incubators and Brooders. Write for special catalogue if interested.



PRAIRIE STATE INCUBATOR CAPACITY 100 EGGS.

### Advantages Gained by the Use of Oyster Shells.

It prevents "Cholera;" it keeps the poultry healthy; it makes hens lay an egg per day; it prevents soft shell eggs; it prevents hens from eating their eggs; it makes the egg shell strong enough to carry without breaking; it contains many essential components of the egg; it makes eggs larger and heavier. When you buy 100 lbs. of "STERLING" Brand Crushed Oyster Shells, you get 100 lbs. of Shells, not 15 to 20 lbs. of dust and dirt mixed in, as our brand is specially cleaned. To get best results in Poultry Raising the use of something of the kind is positively necessary. Every poultry house or yard should have a pan or trough full so that the fowls can have access to them at all times. Put up in 100 lb. bags.

Our price, bags included, 80c per 100 lbs.

**MICA CRYSTALGRIT.** Hens, having no teeth, should be kept constantly supplied with some sharp material to grind and masticate their food.

Mica Crystal Grit is superior to all other forms, as it is not only sharp and hard, but its properties are such that it acts as a tonic and contributes largely to the health and productive power of the Fowl. Our price for 100 lbs., bags included, 85c.

**GROUND BONE.** Per lb., 5c; per 100 lbs., \$2.50. Bags free.

**MILLETT FOR YOUNG CHICKS.** Per 5 lbs., 15c; per 100 lbs., \$2.00.

**GRAIN SCREENINGS.** Write for special prices.

**IMPERIAL EGG FOOD.** Per lb., 35c.



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MIKADO FERN BALL.

THE grandest of house ferns. Imported each year from Japan. The Japanese make up dormant fern roots and moss into balls that are so constructed as to send out leaves from all over their surface. They grow rapidly and are excellent ornaments for dwelling or conservatory. When first received dip into water for 10 to 15 minutes every two days until growth starts, meanwhile suspend by a wire in any desired location. After foliage starts, sprinkle as required to insure growth. **DORMANT BALLS**, 8 in. diameter, ea. 65c, 3 for \$1.80, postpd. Directions for starting and growing the Fern Balls furnished with each order.

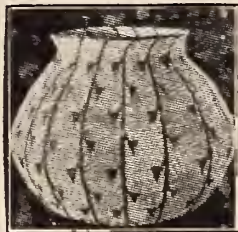
### Books on the Subject of Basketry.

"How to Do It," Morse, the book for beginners, ea. 25c, postpaid.

Raffia and Reed Weaving, Knapp, ea. 55c, postpaid.

How to Make Baskets, Mary White, each \$1.10, postpaid.

Indian Basketry, James, ea. \$2.10, postpaid; gives the history of Indian Basketry with 360 half tone illustrations.



INDIAN RAFFIA BASKET.

proficient in basket making in less than an hour's time. We are headquarters for the various materials used in this work and can supply them by the pound or ton. Special quotations made to schools, etc., for quantities.

Large package containing samples of 10 different colors of Raffia and 6 different sizes of Reed also complete circular mailed for only 5c to cover postage or for \$1.00 we will mail postpaid. All necessary articles, consisting of Reed, Colored and Natural Raffia, Needles and 28-page book of instructions and illustrations, with Commenced Basket. Money refunded if not satisfactory.

### RAFFIA or RAPHIA.

Raffia is the Malagay name of a palm which furnishes a staple article of commerce called Raffia fiber, two to five feet in length like the leaves of the sugar cane and which after being dried in the sun assumes a light straw color. This material has come into general use in the making of baskets, hats, etc. It is as soft as silk, very strong and will keep in good condition indefinitely; The Raffia in colors (all of which are fast) which we offer has been colored by expert dyers.

### PRICES OF RAFFIA.

	Per lb.	Per 5 lbs.	Per 10 lbs.
Natural Light Straw color.....	25c	\$1.00	\$1.80
<b>Colors</b>			
Indian Red.....	60c	\$2.75	\$5.00
Seal Brown.....	"	"	"
Orange.....	"	"	"
Green.....	"	"	"
Black.....	"	"	"

And 5 other colors and shades. We supply 1/4 lb at the lb. rates. One-sixteenth of a pound of any color or shade, 10 cents. If wanted by mail, add at the rate of 16 cents per pound for postage.

**SPLIT REED.** This material is used largely for the foundation of weaving Reed and Raffia, and in the making of baskets, wall pockets, etc. We furnish it in two sizes, namely: Width 6-10th inches, thickness 1-8th inch, length 10 feet; width 1-16th inches, thickness 1-16th inch, length 10 feet. **PRICE, 5c per 20 feet. Add 2c per 20 feet for postage.** Raffia Needles, Best English make, 4 for 5c. Per Package of 24 needles, 15c, postpaid.

We are Headquarters for the Todd Adjustable Hand Loom, Colored Yarn, Book of Instruction, etc. Write for complete circular free.

You can learn in less than an hour

## How to make Indian Baskets.

The great interest in **INDIAN BASKETS** has drawn the attention of schools, kindergartens and the public in general to the art of basket making. It is not only a means of training classes but owing to the almost unlimited range of possibility in this work, a most fascinating pastime as well as lucrative employment for ladies and children. Most persons can, with the aid of our little booklet, "How to Do It," become



COMMENCED BASKET.

### REEDS—Commonly Known as Rattan.

This is a kind of palm which grows in the forests of India. It is imported into this country, stripped of leaves and bark and split into round or flat strips of various size by the manufacturers, No. 1 being the finest. Nos. 2, 3 and 4 are the sizes mostly used for small baskets, and Nos. 3, 4, 5, 6 and 7 for scrap baskets. This material is used in itself for making baskets. Also as a foundation for weaving of Raffia.

### PRICES OF REED.

Size No.	Per lb.	Per oz.
1 Fine.....	\$1.20	10c
" " 2 Medium.....	.95	10c
" " 3 Medium coarse.....	.73	8c
" " 4 Coarse.....	.75	8c
" " 5 Heavy.....	.50	6c
" " 6 Double Heavy.....	.40	6c
" " 7 Extra Heavy.....	.40	6c

We supply 1/4 lb. at the pound rate. If wanted by mail, add at the rate of 16c per pound for postage.









The above illustration, reproduced from a photograph, shows a view in our new Retail Store, No. 714 Nicollet Avenue, Minneapolis. It is considered the handsomest Seed and Flower Store in America. Our customers are invited to call and inspect it when in the city.

Our Cut Flower Department is in charge of one of the most skilful florists in the United States. Write for our pictured price-list of Roses, Carnations, Palms, Ferns and beautiful floral designs, suitable for all occasions.

Address all correspondence to our main office, No. 26 Hennepin Avenue, Minneapolis, Minnesota.

# NORTHROP, KING & Co.



CARNATION

"MARGUERITE"

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. Packet 10 cents; three for 25 cents.

NORTHROP, KING & CO.

Seedsman,

Minneapolis, Minn.