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17<sup>TH</sup> Annual SEED CATALOGUE

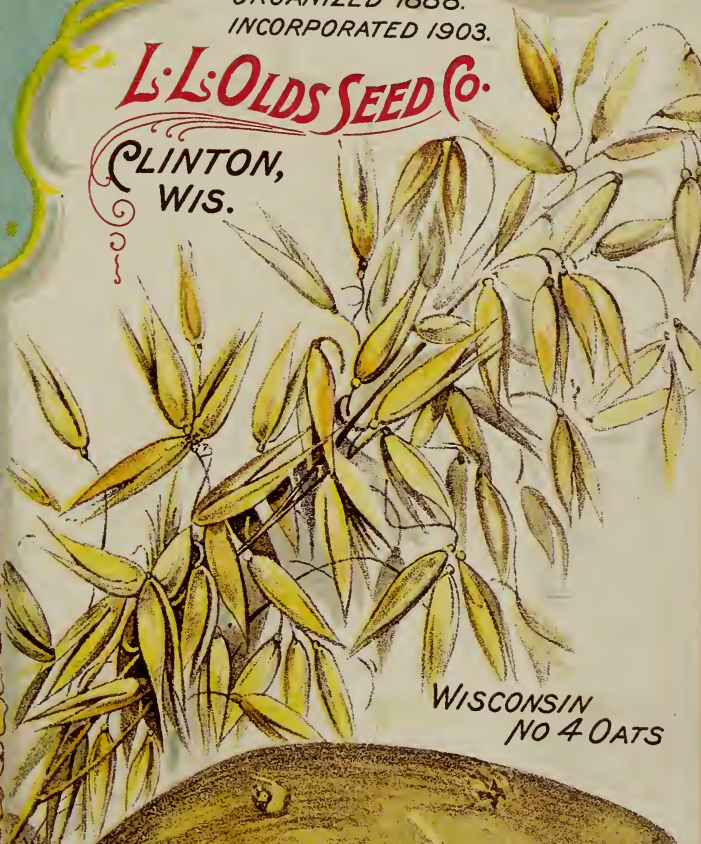
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# OLDS 1904

ORGANIZED 1888.  
INCORPORATED 1903.

**L. L. OLDS SEED CO.**

CLINTON,  
WIS.



WISCONSIN  
NO 4 OATS



"THE CLINTON"



# OUR CATALOGUE.

This catalogue is intended to appeal to those seed buyers who want first class stock at the lowest possible prices consistent with such stock, who can appreciate honest descriptions and illustrations and who expect to have their orders filled with seeds just as represented. We have nearly doubled the number of pages this year, have added new departments and have increased the assortment and stock in every line. We have spent a lot of money for attractive covers and for new illustrations. The latter are mostly half-tones which HAVE to show things as they are. We hope this catalogue will please you. Look it all through and send at least a small order. See index on third page of cover. If you should happen to receive two catalogues kindly hand one to a neighbor. When you go to St. Louis this summer to visit the World's Fair do not fail to see our exhibit.

## OUR PURPOSE.

To have the best of everything; to send out a neat, attractive catalogue with truthful illustrations and descriptions; to be prompt; to be courteous; to be satisfied with small profits; to be honorable in our dealings, and to treat every customer so that he will want to order again.

## OUR RESPONSIBILITY.

New customers may feel some hesitation about sending money to a firm they know nothing about. We should be pleased to have you inquire as to our responsibility (enclosing stamp or return postal) of Bradstreet's or Dun's Commercial Agency, of Citizens Bank of Clinton, of any business firm in Clinton or of any of our former customers.

## OUR THREE-FOLD GUARANTEE.

**1. QUALITY.** We guarantee all the potatoes and seeds we send out to be as represented, and suitable for seed. If they prove otherwise, we will refill the order or return the money, provided we have satisfactory proof within a reasonable time, but will not be responsible for the crop further than the amount of the order.

**2. MONEY SENT US.** We will be responsible for all money sent us through the mails, if remittance is made by P. O. or Express Order, Draft or Registered Letter. Do not send local checks. Small amounts may be sent safely in postage stamps.

**3. SAFE ARRIVAL.** We guarantee everything we send out to arrive in good order. If potatoes freeze on the road we will refill the order if the time of shipping was left to our discretion. If they arrive in bad order, however, they must be examined by the Station Agent and their condition certified to by him in writing. We usually begin shipping potatoes early in March.

**PRICES IN THIS CATALOGUE,** except the few marked "subject to change," will be maintained throughout the season, or as long as our stock lasts, no matter what advance there may be in market. But we reserve the right to refuse all large orders as our stock becomes reduced.

**OUR TERMS** are cash with each order. Every order will be acknowledged by postal card when received. Please use order sheet in making out your order. We will notify you when we ship. Keep a copy of your order. Sometimes people think they have ordered things when they have not and blame us for not sending them.

**WE SHIP BY FREIGHT** unless otherwise instructed. It is cheaper than express and perfectly safe. See table of freight rates on third page of cover. Clinton, or Clinton Junction, which is the same place, is 78 miles northwest of Chicago, on both the C. & N. W. and C. M. & St. P. Railroads.

**CUSTOMERS PAY FREIGHT OR EXPRESS** on all goods unless they are offered postpaid. We have both the American and United States Express Companies. There are special express rates everywhere now on all seeds. In the main the rate is 20 per cent less than the merchandise rate.

**NO CHARGE FOR PACKING OR PACKAGES.** Everything will be labeled and securely packed and delivered at the cars, without extra charge for barrels, boxes, sacks, etc.

**PREPAID STATIONS.** If there is no agent at your railroad station the freight has to be prepaid and in such case we must request you to send sufficient money with your order to cover the amount. We must also make the same request of customers living at such great distances that freight or express charges nearly or quite equal the value of the goods.

## DISCOUNTS AND PREMIUMS.

We have decided to discontinue our custom of offering general discounts to apply to everything. On some things we can make much larger discounts than on others and we believe it will be more satisfactory to our customers and ourselves to make prices just as low as we can afford on each variety or each article according to the amount ordered of that particular variety or article. We offer liberal discounts, however, on all Garden Seeds in packets and ounces. See first page of Garden Seed Department.

Seedsmen that give wonderful premiums make up for them in higher prices in some way. You may be sure of that. We believe our customers would rather have the benefit of low prices on what they do order than to have a lot of truck given them that they do not really want. We want names however, of possible customers, and will present one of our State Pocket Maps to everyone who will send us the names and addresses of 10 or 15 good progressive farmers when he sends in his order. These are fine county and railroad maps, printed in colors, with population of towns and cities on the back. We can furnish the following states: Alabama, Arkansas, Colorado, Illinois, Indiana, Indian Territory, Iowa, Kansas, Kentucky, Louisiana, Michigan, Minnesota, Mississippi, Missouri, Nebraska, North Dakota, Ohio, Oklahoma, Oregon, South Dakota, Tennessee, Texas, Washington, Wisconsin. Let us know which state you want but do not ask for any state not mentioned as we cannot furnish it. These maps proved wonderfully popular last year. They sell ordinarily at 10 or 15 cents each. We sell them to those who do not care to send names, at six cents each, postpaid.

# Directors of the L. L. OLDS SEED CO.

Clinton, Wisconsin



**T**HIS year we appear before the seed buying public under a different firm name. Business has come to us in such volume that we have been obliged to enlarge our capital and add to our management.

On September 7th, 1903, the 'L. L. Olds Seed Co.' was incorporated under the laws of the State of Wisconsin with a capital stock of \$50,000. The directors of the new company, whose portraits appear above are as follows: Beginning at the left:—Mr. Iver Jacobson, Vice-President; Mr. L. L. Olds, President and Manager, former owner of the business; Mr. E. L. Benedict; Mr. H. A. Moehlenpah, Treas.; and Dr. C. W. Collver, Sec'y. There will be no change in the policy of the new company and every effort will be made to win the appreciation and patronage of both old and new customers. Thanking you for previous favors and soliciting all future ones, we are,

Very truly yours,

L. L. Olds Seed Co.

*What the Rock County Banner says under date of Sept. 17th, 1903.*

## A Growing Industry

The steady and satisfactory growth of L. L. Olds' seed business during the past years has been a striking testimony to the business ability of the proprietor, to the quality of the seeds sold and to the suitability of Clinton for the successful prosecution of such an industry. So rapid has been the development that in order to take the greatest advantage of the many opportunities for still further enlarging the business it has been deemed advisable to form a company. The project when suggested to some of our business men at once commended itself to them and there was no difficulty in organizing a company with a capital stock of \$50,000.00 divided into 500 shares of \$100.00 each. On Friday evening the organization was completed with the election of the following officers: L. L. Olds, President; Iver Jacobson, Vice-President; C. W. Collver, Sec'y; H. A. Moehlenpah, Treas. The directors are L. L. Olds, Iver Jacobson, C. W. Collver, E. L. Benedict and H. A. Moehlenpah. We have not the slightest doubt of the prosperity and success of the new company. To the ability and long experience of Mr. Olds is added the active co-operation of others of our best citizens. The increased capital will enable the firm to buy at great advantage and to handle a larger variety of seeds, garden implements, etc. The business has already been of great benefit to Clinton and with the new arrangement the benefit will be even greater. Here's to the success of the L. L. Olds Seed Company.



# SOME POTATO NOVELTIES



## THE CLINTON POTATO.

**A Splendid Medium Late White Variety.**

This potato was first introduced by us last year as representing the highest mark for yield and strong growth. This is what we said about it:

**"The Clinton"** is from a seed ball that grew on our own farm, one mile north of Clinton, in the midst of a twenty acre field where there were no less than forty varieties planted. The man who was fortunate enough to get hold of the seed that produced this variety is a farmer living in this county, Mr. William Bishop. We will let him tell his own story:

"This potato was originated by me from the seed taken from a seed ball, and purchased from L. L. Olds. After they reached full size I selected one potato and planted it in 1899, and have been planting from the same stock ever since. They are a smooth white potato, slightly oblong in shape and of good quality. They are a very strong, vigorous grower, vines extra large, of a light green color, and have a white blossom. The dry year of 1901 the vines showed no signs of blight, but remained green until killed by frost. If planted the last of April or first of May, they will ripen by the first of September. This year, 1902, the yield was nearly double other varieties grown beside them, and planted at the same time. If planted in good soil and given proper cultivation, the yield would be immense."

Mr. Bishop emphasizes the strong, vigorous growth of "The Clinton" and the fact that it never blights. When we visited Mr. Bishop's farm shortly before digging time we found that the vines of this variety had died naturally, although most all others blighted some. We found also that it yielded fully double Early Ohio planted beside it, and three times as much as Seneca Beauty. The potatoes as we saw them turned out about 8 or 10 to the hill, all very uniform in size and shape, no very large ones and no small ones to speak of. We did not see a single prong and they were free from scab.

Although the season of 1903 was in many respects very unfavorable for potatoes in this section, the Clinton made a fine growth and pleased us well. The growth reminded us of the World's Fair in its best days. The field shown on the opposite page, on the farm of Henry Cheesman, was photographed August 8th, just as the vines were beginning to die. There was not a particle of blight, and while there were some skips owing to defective planting, this field made a splendid yield of fine, handsome, white tubers, which ripened naturally in good season. This variety is not as late as the Rural varieties.

We are giving "The Clinton" the place of prominence in our 1904 catalogue because—

**First.** It is a very heavy cropper, and this point is of first importance with every new variety. It takes its place right along with Carman No. 3 and Sir Walter Raleigh.

**Second.** In quality it is A No. 1. Way ahead of Carman. Look at the quality illustration on the next page.

**Third.** The color and shape are most desirable.

**Fourth.** The season is just about right, a little earlier than most other late varieties.

**Fifth.** We know just where and how it originated, that it is a distinct variety and that it is full of vigor and new blood.

### Prices of the Clinton for 1904.

1 lb., 30c; ½ pk., 45c; peck (15 lbs.) 75c; bu., (60 lbs.) \$2.50; bbl., (165 lbs.) \$5.50; 3 bbls., \$15.00.

(If potatoes are wanted by mail add 8c per pound. We do not sell less than one pound of any variety. All our potatoes are sold by weight. A bushel is 60 lbs., and a barrel is 2¼ bushels or 165 lbs.)



**"The proof of the pudding is in the eating."**

**The proof of a potato is in the cooking.**

Do you want anything better than this? See how the jackets have popped open, showing the pure white mealy flesh of the potato. Just fine to eat with cream and salt!



## WHAT OTHERS THINK

### 256 Pounds from One!

John Randall, Marysville, Wash., Nov. 16, 1903: "I had very good success with the pound of Clinton Potatoes I got of you last spring. I raised 256 pounds from the one pound of seed. They cook white and floury and are a remarkably fine potato. I also planted one pound of Vermont Gold Coin and got 216 pounds and 1 pound of Pearl of Cannon Valley and got 203 pounds. The Clinton and Pearl are the same color and shape but the vines are as different as can be. The Clinton has a white blossom while the Pearl of Cannon Valley has a dark purple. Gold Coin is a long yellow-colored potato with yellow flesh. All three proved to be good and it will take several years to find out which is the best. I have about thirty different varieties now. Will try Vornehm the coming year."

## The Clinton Ready for the Final Test. ABOUT THE CLINTON.

### "Best in Five."

Geo. C. Mack, Lansing, Mich., writes: "Your Clinton Potato is all right. It gave good satisfaction and was the best potato in the five. Red River Early Ohio was next best."

### "A Leader Among Leaders."

J. W. Baker, Tiskilwa, Ill., Nov. 7, 1903: "I will now report on the two new potatoes you so kindly sent me last spring. 'Clinton' did remarkably well. Large tubers; no small ones to speak of, and all shapely; and fine looking. Tops large and heavy. I have many kinds embracing all the new leaders, and Clinton was at the very front of all. Judging from this first trial it will be easily a great leader among leaders."



Field of Clinton on Farm of Henry Cheesman, Photographed August 8, 1903.

### VERMONT GOLD COIN.

Introduced by Burpee last year as "the hardiest, most vigorous in growth, most productive and the best in table quality of all potatoes." It is a medium late, main-crop variety, with white skin, but not specially smooth. We secured two barrels of seed last spring of W. Atlee Burpee & Co., and put the seed in the hands of one of our best growers. The growth was strong and vigorous and the yield very good, but not remarkable; not up to some of our other varieties.

Prices, same as for the Clinton.

### EUREKA EXTRA EARLY.

Introduced in 1902 jointly by W. Atlee Burpee & Co. and Wm. Henry Maule. It is a very early variety, tubers nearly round, white in color, with a skin inclined to russet. It makes a quick compact growth and the vines die down as soon as ripe, with never any second growth. This variety has had but one year's trial here, when the yield was rather disappointing. We think it may prove quite a valuable variety, however, as an extra early.

Prices: 1 lb., 25c; ½ pk., 35c; pk., 60c; bu., \$1.75; bbl., \$4.00.



## EARLY ROSER.

**One Better Than Early Rose. A Heavy Yields for an Early.**

We have long been looking for something to take the place of the old Early Rose. Here we have it. And it is not merely **Rose**, it is **Roser**, "more better" than Rose. It just happened that the name of the originator of this potato is Roser, E. L. Roser of Ohio. So the name we have chosen is fitting in two senses.

The history of the potato is as follows: In 1901 Mr. Roser mailed us two small tubers for testing. After testing the potato carefully two seasons we were so well satisfied that we bought the entire stock which was only about 10 bushels, with exclusive rights. All that we have to offer this year grew from these 10 bushels and this is the first year it has ever been offered. Mr. Roser says:

"I cannot tell from what variety it is a seedling. I save seed of my own and buy some but I sow all together and set out the strongest plants. It is a seedling of '98 and has yielded well every season. Last year it yielded as well as Carman No. 1 and Seneca Beauty. It grows a heavy stalk, which stands a great deal of dry weather. I never tested a potato of finer texture and it is as mealy a potato as it can be and not fall to pieces while cooking. I believe it will become valuable as it has quality good enough for any person and it will succeed on a light soil as well as any other variety of equal quality. The seedling possesses the following strong qualities:

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. Strong grower.</li> <li>2. Fine table qualities.</li> <li>3. Productiveness.</li> </ol> | <ol style="list-style-type: none"> <li>4. Sets enough potatoes from one eye seedling.</li> <li>5. Not easily effected by drowth.</li> <li>6. Free from blight."</li> </ol> |
|---|--|

The **splendid strong growth** of the Early Roser was especially noticeable last season as grown by our Mr. E. L. Benedict. Almost all early varieties in this section made a small growth, but Early Roser completely covered the ground with thick, heavy foliage, and we believe it **outyielded every other field of earlies** in this part of the country. Our advice is, "get in on the ground floor" and secure a start of this successor to Early Rose the first season. It is bound to become popular.



### PRICES

of **EARLY ROSER** for  
1904:

1 lb. 50c; ½ pk.,  
75c; peck, \$1.00; ½  
bu., \$1.75; bu., \$3.25;  
bbl., \$7.50.

(If by mail add 8c per  
pound. One pound is  
the least we will sell.)





## VORNEHM.

(Pronounced Fōrē nāme)

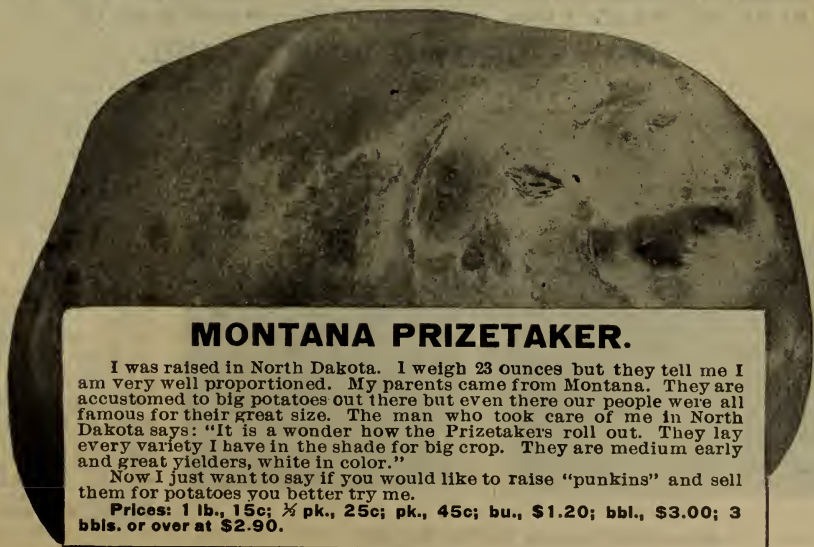
**Vornehm** is a German word meaning delicious, fine, aristocratic, in the front rank. We introduced this potato in a small way last year offering it in pound and peck lots only. Unfortunately we have only a small stock again this year as most of our seed stock went to a careless grower whose crop was an entire failure. No one after something extra fine in the potato line however should fail to order some this year. We **know** it will give satisfaction. This is what we said about it last year:

"The history of this new potato in brief is this: Seven years ago Charles Goy, an educated Swiss gardener, brought a lot of potato seed balls from Switzerland. The first year one hill attracted his attention by its very large growth and by the russet skin and very fine quality of the tubers. After the third year this one outyielded all other varieties every year. Mr. Goy had Freeman, Burbanks, Bovee, Early Ohio, Early Rose, Six Weeks, Sunrise, and others, and he says the new one outyielded them all and was much the best in quality.

"Vornehm much resembles the old Snowflake. It has the same creamy white skin and thick netting, with the peculiar rich, nutty flavor belonging to that variety. It cooks white and floury and as a table potato seems absolutely perfect. Last season it yielded nearly 300 bushels per acre under ordinary field culture without any fertilizer, some hills turning out as high as 12 to 15 merchantable tubers, all very smooth and uniform in shape, with eyes right on the surface."

**Prices of Vornehm for 1904: 1 lb., 50c; ½ pk., 85c; 1 pk., \$1.25; ½ bu., \$2.00; 1 bu., \$3.50.**

(We prefer not to sell more than one bushel of Vornehm to a person this year.)



## MONTANA PRIZETAKER.

I was raised in North Dakota. I weigh 23 ounces but they tell me I am very well proportioned. My parents came from Montana. They are accustomed to big potatoes out there but even there our people were all famous for their great size. The man who took care of me in North Dakota says: "It is a wonder how the Prizetakers roll out. They lay every variety I have in the shade for big crop. They are medium early and great yielders, white in color."

Now I just want to say if you would like to raise "punkins" and sell them for potatoes you better try me.

**Prices: 1 lb., 15c; ¼ pk., 25c; pk., 45c; bu., \$1.20; bbl., \$3.00; 3 bbls. or over at \$2.90.**

# STANDARD EARLY VARIETIES



A GENUINE OHIO

WITH WHITE SKIN

## RED RIVER WHITE OHIO.

Identical in every way with Red River Early Ohio except in color, which is a fine white or nearly so. The great demand in every market now is for a white potato and even the good old Ohio, the standard for extra early, often has to suffer because of its skin. Here we have a **genuine Early Ohio** with the quick, compact growth of that well known variety, and withal a white skin. Furthermore it is a **better yielder** than the old Ohio.

Henry Field of Iowa grew 2,500 bushels of White Ohio, with Red River seed, from 5 acres. See *Prairie Farmer* of Sept. 20, 1902. One of our growers in the Red River Valley writes us this last season: "We planted 32 acres White Ohios and nothing else we had came anywhere near them in yield. In all 150 acres were planted."

**Prices for genuine Red River White Ohio: 1 lb., 15c; ½ pk., 25c; pk., 40c; bu. \$1.25; bbl., \$3.25; 5 bbls., at \$3.15; 10 bbls. or over at \$3.10.**

## HOME GROWN WHITE OHIO.



We have a very nice stock this year of White Ohios grown here from Red River seed. One lot especially that was grown by August Krebs, looks very much like Red River stock. These were on a very rich piece of new land and are large and smooth. Mr. Benedict's White Ohios also did finely. Mr. Benedict grew Early Roser, White Ohio, Six Weeks, Pingree and Early Michigan, but his White Ohio yielded the best of all except Early Roser.

**Prices for Home White Ohio: First Size: peck, 40c; bu., \$1.20; bbl., \$3.00; 5 bbls. at \$2.90; 10 bbls. or over at \$2.85. Second Size: (limited stock); peck, 35c; bu. 90c; bbl. \$2.25.**

White Ohio Crown by Our Mr. Benedict.



## A FEW WORDS ABOUT OUR SEED POTATOES.

### Method of Growing, Handling and Sorting—Freedom from Rot.

In the first place we aim to have **nothing but choice stock**. Nearly all our potatoes are grown for us on contract, especially for seed. We furnish the seed stock, and personally inspect the growing crop at different times during the season. Our form of contract provides that the farmer shall faithfully and properly care for the crop to the best of his ability, use precaution in handling to guard against the mixing of different varieties, make it a point to dig and handle the crop at such a time and in such a way as to have the potatoes as clean and dry as possible, and deliver only the merchantable product, the minimum weight of tubers to be  $2\frac{1}{2}$  ounces, and no prongy, scabby or ill-shaped tubers to be allowed.

We are very particular about the matter of sorting. No firm is more so. If the sorting has not been properly done we go all over them again here in the warehouse. We use a Pease Sorter, such as is illustrated on page 66 and with this machine the work is done practically the same as if by hand as the potatoes are all the time passing right under the eye of the operator and all rough ones can be easily seen and taken out. As to size, we put in nothing for first size under  $2\frac{1}{2}$  ounces in weight, or about the size of a hen's egg. **Our second size** are not the very smallest, and are smooth and uniform. They run from  $1\frac{1}{2}$  to 3 ounces in weight. We cannot furnish seconds of any variety except when quoted and have but a limited stock of those. We are always sold out of second size long before the end of the season.

You may have read that Wisconsin potatoes are rotting this year. We want to say, you will get no rotten potatoes if you order of us. There was no rot whatever among early varieties. We **did** have a little trouble with rot among the late ones, some varieties being worse than others, but the trouble was all early in the season. At this writing, Dec. 19th, our potatoes are all in store and are keeping nicely. What little rot there was has turned out to be a dry rot, and has not affected other tubers. All the potatoes will be looked over carefully again when barreled for shipment in the spring and bad ones removed at that time. Notice our guarantee on inside page of front cover.



### RED RIVER TRIUMPH.

Positively the Earliest Variety Grown.

Bliss' Triumph is the **earliest of all varieties**, and is the leading early potato all through the South. We are all familiar with it as sold at the groceries when the first **NEW POTATOES** are shipped in. The tubers are nearly round, smooth, medium in size, reddish pink in color. Vines are small and compact with short, thick stalks and broad leaves. **No variety known will mature a crop so quickly.** The Red River grown Triumph are extra large and fine, way ahead of any Triumph we ever saw grown here. We have a splendid stock. Our illustration shows a barrel of them exactly as they look. You will surely want a barrel or so. All Southern planters know the value of Northern grown seed. It is a necessity with them. Our Red River stock is the best grown anywhere.

**Price of Red River Triumph. Pk. 40c; bu., \$1.25; bbl., \$3.25; 5 bbls. or over at \$3.10.**



## RED RIVER EARLY OHIO.

A Leader With Us Again this Year. The Old Reliable.

**Early Ohio** is without a doubt the **most popular early potato** in the country. We have more calls for it **always** than for any other early. Everyone knows what it is and knows that it can be relied on for an early market variety in almost every locality. You will no doubt have to have a new stock of seed this year. Better decide to have the best and send your order for some of Olds' famous Red River Early Ohios. The illustration shows just how they look, as it is an actual photograph of a barrel put up from our stock. We know it pays to plant our Red River seed even if it costs twice as much as home seed. It always grows so strong and vigorous and produces so much more than any home seed, maturing the crop in a shorter time too, and then it yields such fine smooth tubers, free from prongs and scab, that altogether there is the utmost satisfaction in using it.

We have splendid seed to offer this year. They are not quite as large as some we have had but they are plenty large enough, and it seems as if they were smoother and cleaner than any we ever had before.


**Prices for Red River Early Ohio: 1 lb. 15c; 1/2 pk., 25c; pk., 40c; bu., \$1.20; bbl., \$3.10; 5 bbls. at \$3.00; 10 bbls. or over at \$2.95; 100 bu. or over, prices on application.**

R. R. Goodrich, Ohio: "We bought potatoes of you in 1900, I think. Our Ohios yielded 225 bus. per acre that year. In 1901 we bought of —, because he was a few cents cheaper. On our Livingstons we lost \$500.00 on account of poor seed. We have found that we can increase our crops from 25 to 50 bushels per acre by ordering our seed direct from L. L. Olds every year." (Mr. Goodrich's order amounted to \$187.00.)

### 100 Bushels from One Barrel.

Geo. Zeigler, Arlington, Nebr., writes: "That barrel of seed potatoes (Red River Early Ohios) I got from you last year did the best of any potatoes I ever planted. I got over 100 bushels from one barrel. I also had some from —, but they were not in it for yield with yours. — is all catalogue but nothing else."





## RED RIVER ACME.

### ELEGANT STOCK—NOTHING BETTER FOR EARLY.

Very similar to Early Ohio, as our illustration shows. If anything Acme is a **little earlier** than Ohio and perhaps a **little more productive**. It has the advantage of being **newer blood**. It originated from a seed ball of Snowflake, growing between Early Ohio and Early Rose. It grows strong upright vines, tubers compact in the hill like the Ohios, flesh very white, and of high quality. Nearly everyone who has tried it likes it better than Early Ohio.

We are very fortunate in our stock of Red River Acmes for the season of 1904. Last fall for a while the outlook was discouraging in the extreme. All the reports from the Red River country were unfavorable. Too much dry weather early in the season and too much rain later made havoc with the potato crop. One large grower who had 150 acres of potatoes hardly got his seed back and he writes us that he is forced to give up the business. But our old reliable grower, who has furnished us all the Red River Acme we ever handled, was specially favored and had a good crop. When the stock finally came from him it was **elegant**. Not quite as large as some years, but smooth and very nice. We know it will please everyone who gets it.

### Prices, same as for Red River Early Ohios.

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W. E. Dole, Earlville, Ill., April 12th, 1903:—"You are my old reliable seedsman. Your seed potatoes especially I have always found vigorous and true to name. I have been dealing with you for some seven or eight years so I speak from experience."

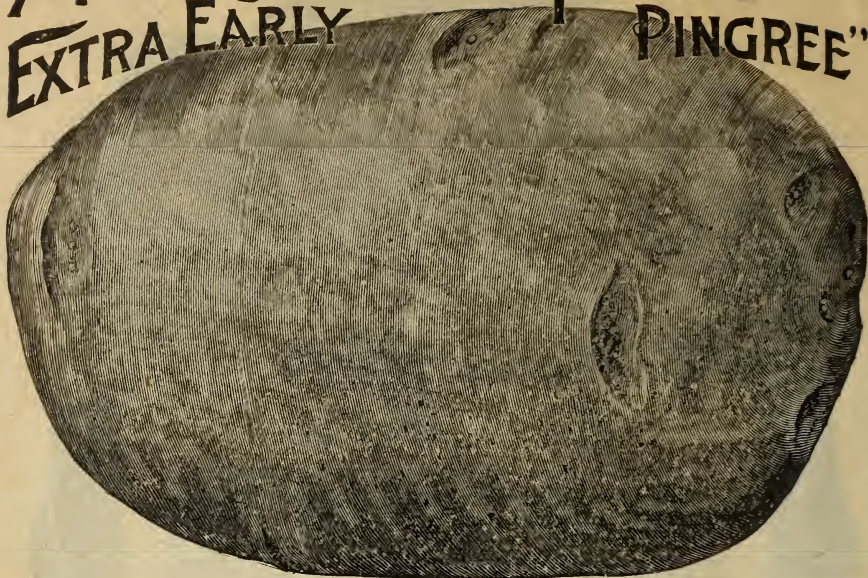
W. F. Brown, Scotland, Conn., Aug. 28th, 1903:—"Am very much pleased with your way of doing business. I have got as nice a lot of potatoes I raised from your seed as anybody would like to see."

O. S. Bogart, Prince, Ill.:—"You can count on me for an order every year, for your potatoes are good."

Sid. Taylor, Lakenan, Mo.:—"I have been buying northern Seed Potatoes as I have needed them for over 20 years, and must say that the barrel of Acme I received from you two years ago was the best I ever received from any firm."

**A FIRST CLASS  
EXTRA EARLY**

**"POTATO  
PINGREE"**



### **POTATO PINGREE.**

We introduced this potato in 1899. It is a seedling of Marvin Bovee's of Michigan, the originator of the famous Bovee potato. It is earlier than either Bovee or Early Michigan.

**Potato Pingree is a beauty.** Most desirable of shape, very smooth and regular in form, eyes shallow, and with a white skin with an unusually thick netting for so early a potato. Top, medium in size but strong and spreading, tubers unusually close together in the hill, numerous but attaining an edible size in remarkably quick time. Quality first-class, cooking up dry, white and mealy, even before fully ripe. **A grand yield and an extra early.**

Our stock of Pingree this year is somewhat limited. It is all home grown. We have no Red River stock of this or of any of the succeeding varieties.

**Prices of Pingree: Peck, 40c; bu., \$1.20; bbl., \$3.00; 5 bbls. or over at \$2.90. Second size, \$2.25 per bbl.**

(Our yield of early varieties here last season was light and the potatoes are not as large as we sometimes have them. They are good, healthy stock, however, and have been sorted with our usual care.)

### **SIX WEEKS.**

A very popular extra early variety known as Six Weeks Market, Early Six Weeks, etc. It seems to have been first catalogued in 1890. Several seedsmen claim to be the original introducers, and more than one has represented it as ready for digging six weeks from planting. We never had any such success as that with it, however. It is a good extra early all right, is of the Ohio style, makes a quick, compact growth, yields well, and is a general favorite with market gardeners.

**Prices: Peck, 35c; bu., \$1.20; bbl., \$2.90; 5 bbls. or over at \$2.80; second size, \$2.00 per bbl.**

### **EARLY OHIO.**

We have a limited stock of pure, straight, Early Ohio grown here from Red River seed last spring. See page 8 for description. **Prices same as for Six Weeks.**

### **ACME.**

We can furnish good stock of home grown Acme also grown from Red River seed. We have rather more of these than of Early Ohio or Six Weeks. They do not run quite as large as the Red River Acme and do not look quite as nice but will be in demand at the prices quoted. Can fill orders for second size for a time of all home grown earlies. **Prices same as for Six Weeks.**

### **DAKOTA EARLY MARKET.**

Some years ago we grew quite extensively Early Market, and it was our favorite of all the Ohio style varieties. It looks like Early Ohio, grows like it, is just as early, and we used to think a better yielder. We have a part of a car to offer this year grown originally from our seed by an old customer in North Dakota. They are nice. **Prices, while they last, pk., 40c; bu., \$1.25; bbl., \$3.10.** (No seconds.)





**VIGOROSA, MOST PROFITABLE OF ALL EARLY POTATOES.** Read what we say.

## **VIGOROSA.**

This is the potato that is pleasing everyone. Not as early as Pingree, but early, and **best yielder of all our earlys**. It was introduced by us in 1897. We named it Vigorosa because of its **very strong, vigorous growth**. While other early varieties blight, Vigorosa keeps right on with its magnificent growth of large [spreading tops, and when it comes to harvesting time the way the smooth, handsome tubers roll out is enough to gladden every farmer's heart. It is emphatically the money maker because always such a great cropper. It is of fine quality, with handsome flesh-colored skin, and always sells.

**Prices of Vigorosa: Peck, 35c; bu., \$1.20; bbl., \$2.90; 5 bbls. or over at \$2.80. Second size (while they last) at \$2.00 per bbl.**



Planted with Seed Free from Paris Green or Arsenic for Several Seasons. Insecticide Used BUC DEATH. See Page 71.

# STANDARD LATE VARIETIES



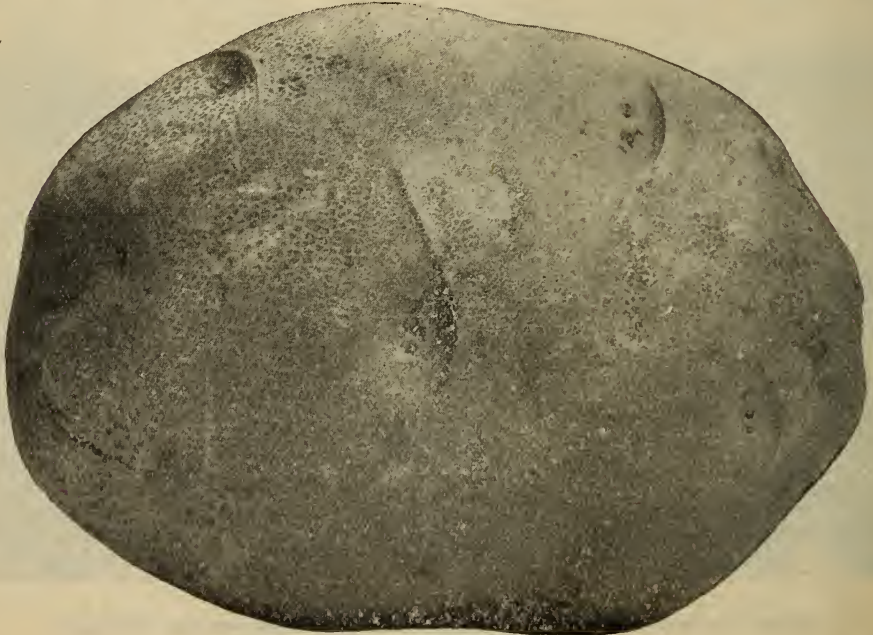
Sir Walter Raleigh and Pat's Choice on farm of Solon Cooper, photographed August 8, 1903.

## SIR WALTER RALEIGH.

**Most profitable all-around main crop variety.**

It is generally spoken of as "Mr. Carman's Best" and that is what we call it. With our growers has made the very best record of all our varieties for **yield, size, smoothness and handsome appearance.** Good large size, hardly ever any small ones, nearly round in shape but flattened, just what is most desired now; skin pure white, thin and transparent, eyes few and very shallow, potatoes never prongy and never scabby, almost blight proof, a sure yielder where others, fail, in clay soils and all other soils.

Prices: pk., 35c; bu., \$1.10; bbl., \$2.65; 5 bbls. at \$2.55; 10 bbls. or over at \$2.50; 100 bus. or over, prices on application. (No seconds).



Photograph of a typical Sir Walter Raleigh, natural size.





"The smiling face of Pat,  
 With the gentle tip of his hat,  
 And the barrel full of his Choice,  
 I can almost hear his voice,  
 Saying, "Give me a trial,  
 Perhaps I'll fill your barrel!"  
 So here goes for a dollar.  
 If you are sure they are not holler.  
 So send them along in June,  
 With the order I sent in so soon,  
 For everything I buy of Olds,  
 The full measure it sure holds.  
 And the way they do yield,  
 It is surprising, in the field,  
 For the seed of Northern grown,  
 Always seems to beat my own.  
 Ever since the World's Fair,  
 I buy of Olds and he treats me fair,  
 So come along Pat's Choice,  
 Next year you may hear my voice."

## PAT'S CHOICE.

Introduced by us in 1900. A splendid medium late variety originated in Minnesota. It is a seedling of Seneca Beauty, which it resembles. But it is **two weeks earlier than Seneca Beauty, does not boil to pieces as its parent does, and is of even better quality.** The tubers are long, smooth and handsome, skin light pink in color, with eyes of a deeper shade, and covered over with a thick netting, which always indicates excellent quality. Pat's Choice is of rather slow growth early in the season but always surprises people the way it "pans out" when digging time comes. We feel safer than ever in repeating our claim that **it will outyield any of the heavy croppers of the Rural type, and is of better quality.**

Pat is a sharp fellow when it comes to passing judgment on Irish potatoes, and the general testimony is that he knew what he was about when he made his choice. It stands at **the very top for quality,** and responds well to high culture, and for those reasons will be specially satisfactory for home use. On our own table nothing will do but Pat's Choice.

Unfortunately our stock of Pat's this year is very limited so that those ordering late are in danger of being disappointed. If any of our customers have nice Pat's Choice to sell, in car load lots or less, we shall be glad to hear from them.

Prices, pk., 40c; bu., \$1.20; bbl., \$3.00; 5 bbls., at \$2.85.

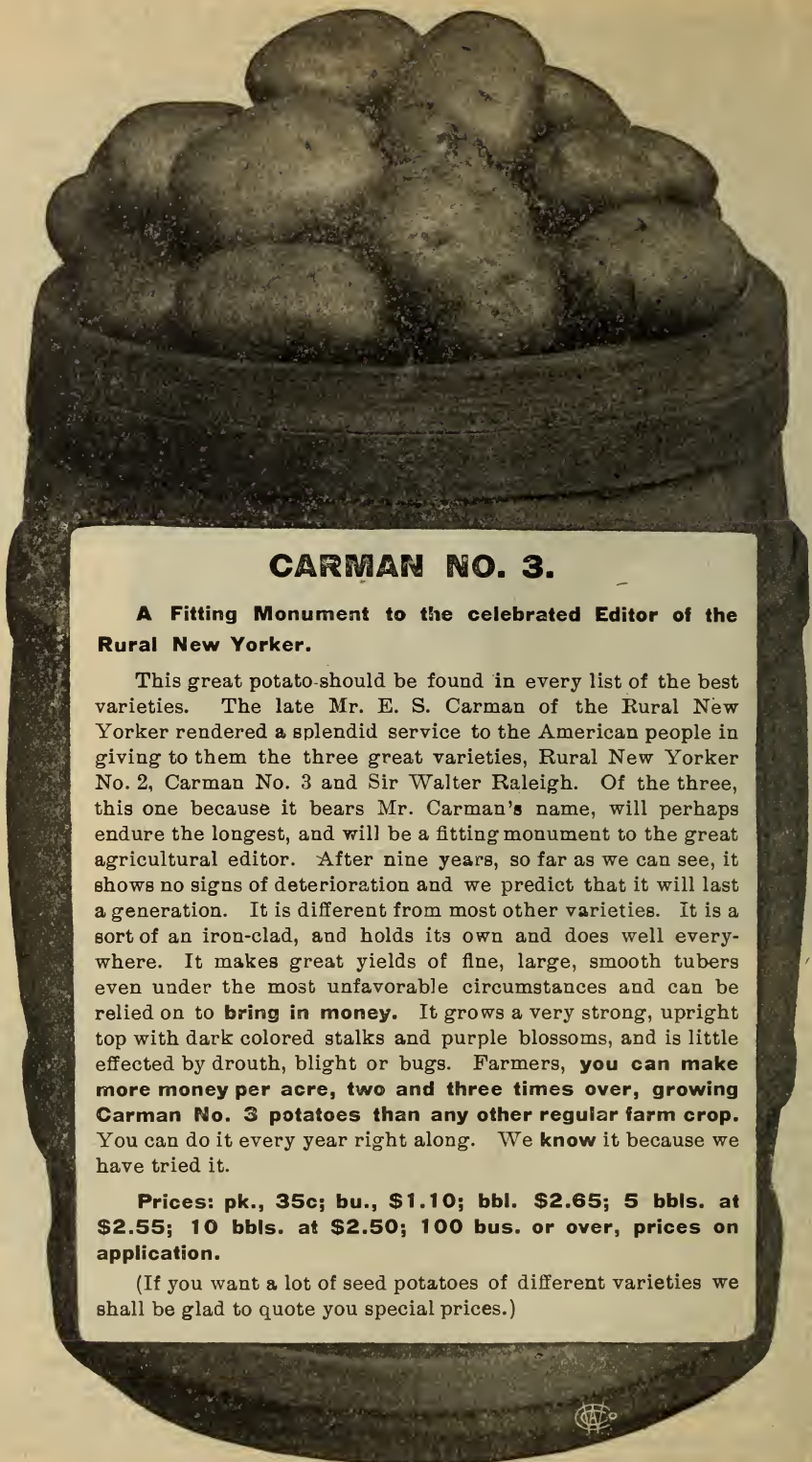
J. W. Jones writes:—"Your Pat's Choice suits me so well that I thought I would try some more kinds. I planted  $\frac{1}{2}$  bu. Pat's Choice and raised 13 bushels. I planted one good sized potato by itself and raised one peck. Farmers are begging seed. Could sell a good many bushels if I had them to spare. I saved the very best I had for seed."

H. R. Taylor, Dowagiac, Mich. Feb. 3, 1903:—"The oats and potatoes that I bought of you

were all right especially Pat's Choice. We think they are the boss potato for table use."

### Read this. Pretty Fair Sized Spuds.

Geo. R. Hutchinson, California, writes:—"I must tell you about the Pat's Choice Potatoes. I cut them to one eye each and got all large potatoes, absolutely no small ones; about 5 to 6 in a hill, some measuring 11 by 16 inches! I can truthfully say I never ate a better potato."



### CARMAN NO. 3.

**A Fitting Monument to the celebrated Editor of the Rural New Yorker.**

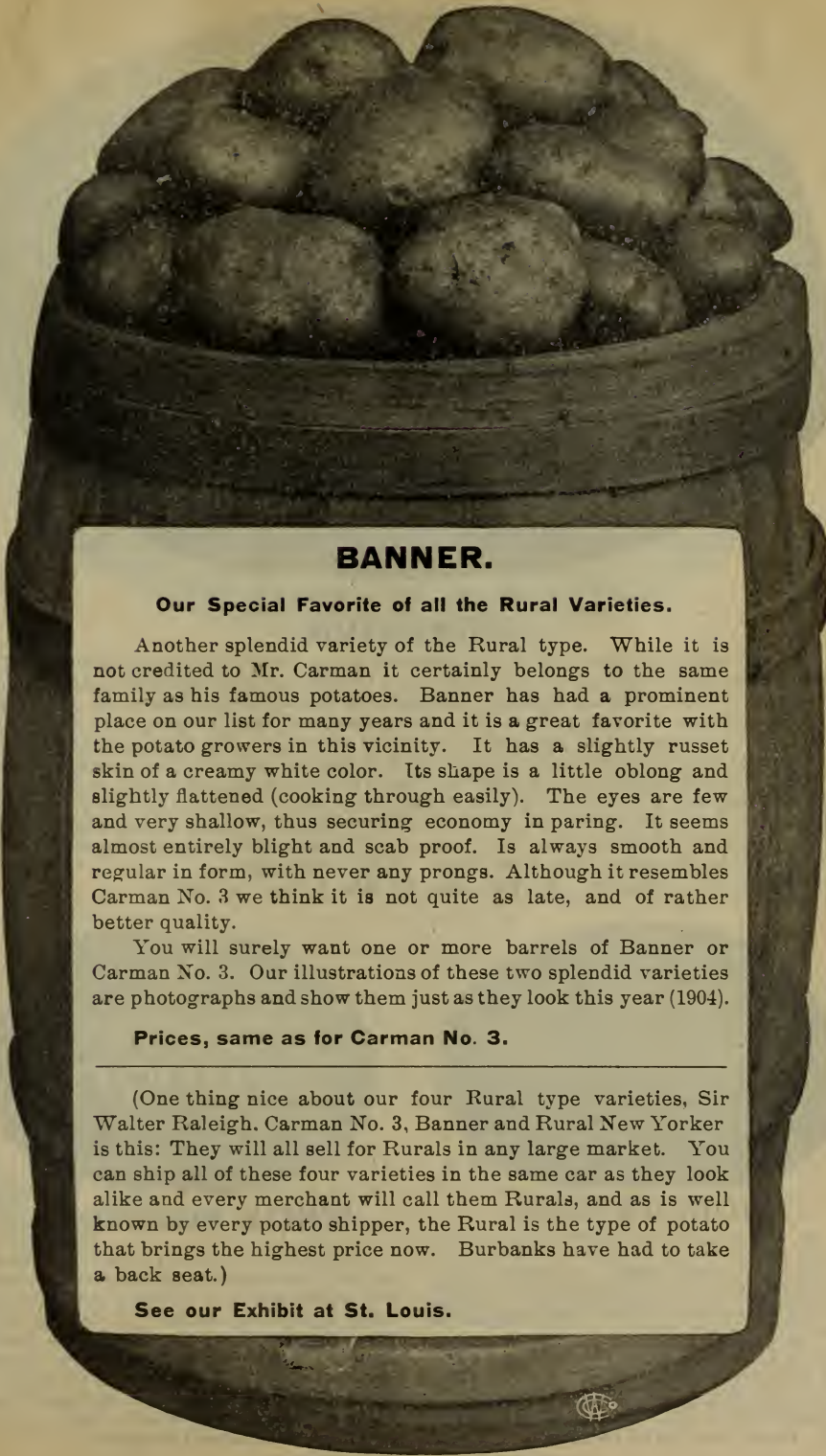
This great potato should be found in every list of the best varieties. The late Mr. E. S. Carman of the Rural New Yorker rendered a splendid service to the American people in giving to them the three great varieties, Rural New Yorker No. 2, Carman No. 3 and Sir Walter Raleigh. Of the three, this one because it bears Mr. Carman's name, will perhaps endure the longest, and will be a fitting monument to the great agricultural editor. After nine years, so far as we can see, it shows no signs of deterioration and we predict that it will last a generation. It is different from most other varieties. It is a sort of an iron-clad, and holds its own and does well everywhere. It makes great yields of fine, large, smooth tubers even under the most unfavorable circumstances and can be relied on to **bring in money**. It grows a very strong, upright top with dark colored stalks and purple blossoms, and is little effected by drouth, blight or bugs. Farmers, **you can make more money per acre, two and three times over, growing Carman No. 3 potatoes than any other regular farm crop.** You can do it every year right along. We **know** it because we have tried it.

**Prices: pk., 35c; bu., \$1.10; bbl. \$2.65; 5 bbls. at \$2.55; 10 bbls. at \$2.50; 100 bus. or over, prices on application.**

(If you want a lot of seed potatoes of different varieties we shall be glad to quote you special prices.)







## **BANNER.**

### **Our Special Favorite of all the Rural Varieties.**

Another splendid variety of the Rural type. While it is not credited to Mr. Carman it certainly belongs to the same family as his famous potatoes. Banner has had a prominent place on our list for many years and it is a great favorite with the potato growers in this vicinity. It has a slightly russet skin of a creamy white color. Its shape is a little oblong and slightly flattened (cooking through easily). The eyes are few and very shallow, thus securing economy in paring. It seems almost entirely blight and scab proof. Is always smooth and regular in form, with never any prongs. Although it resembles Carman No. 3 we think it is not quite as late, and of rather better quality.

You will surely want one or more barrels of Banner or Carman No. 3. Our illustrations of these two splendid varieties are photographs and show them just as they look this year (1904).

**Prices, same as for Carman No. 3.**

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(One thing nice about our four Rural type varieties, Sir Walter Raleigh, Carman No. 3, Banner and Rural New Yorker is this: They will all sell for Rurals in any large market. You can ship all of these four varieties in the same car as they look alike and every merchant will call them Rurals, and as is well known by every potato shipper, the Rural is the type of potato that brings the highest price now. Burbanks have had to take a back seat.)

**See our Exhibit at St. Louis.**



Livingston, extra for quality.

## LIVINGSTON.

Introduced in 1896 by A. W. Livingston's Sons as "A White Seneca Beauty." The above photograph gives a good idea of its size, smoothness and desirable shape. It has few eyes and those are very shallow. The Seneca Beauty is well known as one of the most beautiful of all potatoes, but when the rose-colored skin is changed to white with the "peach-blow eyes" still retained, it is indeed a beauty. We have had the Livingston several years now and have been more than pleased with it. The quality, instead of being rather indifferent as is often the case with very heavy croppers, is of the very best, the potatoes cooking up dry and mealy every time. Adding to these points its great attractiveness (it is one of the most showy of all our varieties) it gives us almost an ideal potato for main crop. Our crop of Livingston this last year was not as large as usual, owing to unfavorable conditions. Better order early.

Prices: pk., 40c; bu., \$1.10; bbl.; \$2.85; 5 bbls. at \$2.75.



## WORLDS FAIR.

We introduced this variety in 1893. It is pretty well known now everywhere as a sort of standard for **extra quality**. It belongs to the Snowflake family, usually yields big crops on rich land and the potatoes are ideal. Eyes **very shallow**, skin heavily netted, quality **always the best**.

Now that we have Pat's Choice and Livingston, and the great Rural type varieties we do not recommend Worlds Fair to the average farmer who wants to get the most bushels possible at the least expense. But it is still in good demand among those who appreciate **quality first**. Prices, same as for Livingston.



## WHITE MAMMOTH.

A large handsome white potato, well netted and of excellent quality. It was first introduced five years ago. We tested it that year and found it one of the best out of 32 varieties in our trial grounds. The Ohio Experiment Station reports it ahead in yield of Carman No. 3, Uncle Sam, Enormous and other heavy yielders. It seems likely to take a prominent place among the reliable main crop white potatoes.

Prices, same as for Livingston.





Rural New Yorker No. 2. Best Seller in All Markets.

## RURAL NEW YORKER NO. 2.

Well known now the country over, and very largely planted for a profitable main crop. "Dusty Rurals" always bring the top price in Chicago market.

When Rural No. 2 first made its appearance in 1889 it introduced an entirely distinct class of potatoes, unknown up to that time. The class is characterized by a long, rather spindling vine, with dark colored stalks, dark green leaves and purple blossoms; tubers nearly round, flattened, with very smooth pure white skin, uniform in size, numerous in the hill, very attractive.

Send to us if you want genuine Rurals. Our stock is pure, clean and healthy.

Prices, pk., 35c; bu., \$1.10; bbl., \$2.65; 5 bbls. at \$2.55; 10 bbls. at \$2.50; 100 bushels and over, prices on application.

### COLLECTION BARRELS.

We will make up a barrel of any two varieties on our list (half of each) at barrel rates and 15c extra or three varieties (one third of each) at barrel rates and 25c extra. Only one variety packed in a barrel loose, the rest being in sacks. We use large size barrels for such orders, as the sacks take up extra room. Remember a barrel **proper** is always 163 pounds, no more, no less. We weigh every barrel. If you want quite a list of different varieties we will quote you special prices, but in writing tell us exactly what you want and quantities. Order just the quantity you want, whether it makes even barrels or not. We have barrels of all sizes and we will see to the packing all right if you will only give us the order. We do not barrel our potatoes ahead. Potatoes are liable to injury if left too long in tight barrels. Each order is considered a **special** order and put up right from the bins or storage barrels in just the quantities desired.



### POTATO BALLS.

H. R. Clark, Mendota, Ill., writes: "The Clinton Potato is very fine. The quality is excellent, baked or boiled."

Jno. Mounich, Sr., Hooper, Neb.: "The Early Ohio I bought of you last year are incomparable. I know none of the genuine variety ever reached these parts before."

Frank R. Young, Boody, Ill., writes: "The Early Ohio Seed Potatoes which I received from you last year were just fine! From one bushel I raised 24 and they were just fine."

**POTATO BALL SEED.** We have a fine stock of choice, fresh potato seed, from which new varieties are produced. Experimenting with this seed is very interesting work. Sow early in the house and transplant the same as tomatoes. Every seed makes a distinct variety. Price, pkt., 10c; 3 pkts., 25c.

The Farmers Mercantile Co., Greeley, Colo. bought six car loads of seed potatoes of us last spring of Rurals, Raleighs, Carmans and Banners. They write: "The seed we bought of you last season has given very good satisfaction."

F. H. Rose, Bloomington, Ind., writes: "Those that I received last year of you, Carman and Sir Walter Raleigh, were fine and I never had a better crop. The yield was something wonderful. For yield, size and smoothness they have no equal."

# SEED CORN.

## About Our Wisconsin Grown Seed Corn.

Next in importance to Seed Potatoes we place Seed Corn, and no doubt to the majority of farmers the Seed Corn question is of even greater importance than the Seed Potato question. Certainly there is no farm crop where it is easier to make a mistake in the seed or where a mistake proves more disastrous.

## Two Great Questions in Buying Seed Corn.

**First, WILL IT GROW SATISFACTORILY.** If you plant doubtful seed and it makes only half a stand you are losing big money. No argument is necessary along this line. We take the greatest pains with our corn and intend to **make it absolutely certain that all the corn we send out will grow well.** Our customers' interests are ours and we want to protect them to the fullest extent. As a proof that we mean business, **WE GUARANTEE ALL OUR SEED CORN TO GROW AND MAKE A GOOD STAND UNDER ALL ORDINARY CONDITIONS.** If it fails to do this we will cheerfully refund the money paid for the same, but we do not intend to have any refunding to do, as all our corn is fully tested before being sent out. We like to have our customers order in time to test the seed themselves also however.

**Second, IS THE CORN ADAPTED.** It is not enough to know that the corn will grow well. Will it mature a good crop is the question. Not enough attention has been paid to this matter in the past. Every buyer of seed corn has a right to know and **should insist on knowing just what varieties are best adapted to his section, and more important still, just where the seed grew he is thinking of buying.** Nebraska grown seed of such varieties as Silver Mine, Reid's Yellow Dent and Learning will not do at all in Wisconsin. Illinois seed is bad enough, Nebraska is entirely too late. For the corn crop the nearer you can get to home grown seed, provided you get the largest variety adapted to your latitude, the better. With potatoes and with most all small grains seed from other localities, especially from further north, does better than home seed. Not so with corn. Home grown is best.

**All our home grown corn is fire dried.** We have a splendid stock of home grown seed much larger than ever before, of Reid's Yellow Dent, Reliance Yellow Dent, White Cap Yellow Dent, Old Gold, Mammoth Red Flint, Longfellow Flint and some others. All of this corn was taken into the drying room before freezing weather. Our large furnace has been kept going night and day for nearly two months in order that the corn might be all thoroughly and evenly dried. At this writing (January 1) the drying is about complete and we are ready to begin tipping and shelling.

**All our home grown dent corn is tipped before shelling.** It costs more to tip it, 10 or 15 cents per bushel extra, but most farmers prefer it that way and that is why we do it. We ship all corn shelled (new grain bags free) unless otherwise ordered. Most of our home grown varieties will be furnished on the ear if desired, at 25 cents more per bushel, early in the season. It requires extra care and expense in packing, boxes or barrels being necessary, as ear corn cannot be shipped satisfactorily in bags when thoroughly dry.

**We use great care in selecting.** In the first place our growers bring us the select ears only out of the crop at husking. Then as the wagons are unloaded at our warehouse, our men throw out all ears that we do not consider suitable for seed and they are taken home again by the farmers. The corn goes through another culling as soon as it reaches the corn room. Then as we tip and shell it is run gone over again and every individual ear carefully inspected. Anyone might better pay \$5 per bushel for our select seed than to have seed given him such as is handled by some seedsmen.

**Sample ear, any variety, 15c; by mail, 25c.** Sample packets free to intending purchasers. Half pecks and half bushels at peck and bushel prices. No substitutions will be made without permission. If we are sold out of the stock ordered will write and tell you so.



## RELIANCE YELLOW DENT.

Adapted to latitude of Southern Wisconsin and Northern Illinois. It is medium early in season, ripening in about 95 to 100 days, grows just an average sized stalk, ears rather short, averaging about 9 inches, with the **deepest kernel and smallest cob of any variety we know of.** Grains are rather wide, inclined to sharp points at the outer ends, of pure golden yellow color, filling the cob clear to the tip. This variety was originated in this county by crossing Iowa Gold Mine with Wisconsin Yellow Dent. It was introduced by us 6 years ago and has become a great favorite with the farmers of this section. We never have been able to supply the demand for it. This year we have a fair stock but not enough. It is splendid, select seed, and **all grown right here.**

Prices, pk., 60c; bu., \$2.00; 2½ bus., (one bag) \$4.75.





## OLDS' OLD GOLD.

A splendid new thoroughbred Yellow Dent, introduced by us last year. The originator is Mr. J. H. Beagley, the great seed corn grower and breeder, and originator of the famous Iowa Silver Mine. Mr. Beagley thus describes the corn:

"Olds' Old Gold corn is the result of many years breeding with a view to produce and fix the type of a variety that would include all characteristics that are desirable for a yellow corn for the northern half of the corn belt. In season it positively matures in 100 days or less, being earlier than Silver Mine and only a few days later than the Pride of the North. The plant is a vigorous grower, luxuriant in foliage, strongly rooted, medium stalk, positively no barren stalks, and sets its ears at a very convenient height for husking. Ears are of good size, averaging this season about 10 inches in length; rows of grain run straight from butt to tip; very large proportion of ears are filled completely over the tip with grain; has a very symmetrical shape, as nearly perfect as can be produced; in fact in this respect it has no equal. Grain is a beautiful dark golden color suggestive of old gold, not only deep but also wide, set compactly on cob, usually 16 rows. Cob is very small compared with size of ear and grain. Sample bushels have been shelled, from which 63 pounds have been taken. In color the cob is invariably a deep red, no white cobs to be found.

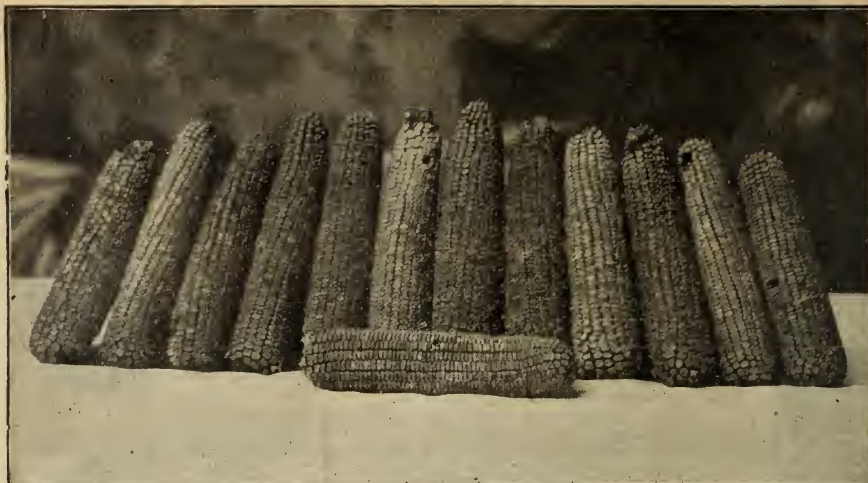
As will be seen from the above description Olds' Old Gold is a **pure bred variety** and has been carefully developed through a long term of years with the idea of producing a fixed type combining all the desirable qualities for a corn best adapted to the northern edge of the corn belt. After a year's experience with the corn here we pronounce it a most magnificent variety in every way and many farmers are ready to say the same thing. We feel confident it is **not too late for this latitude if northern grown seed is used**. Last year all the Old Gold we sold (nearly 1,500 bus.) was grown by the originator at Sibley, Ill., 100 miles south of Chicago. This seed was most too late here for such an unfavorable corn year as the season of 1903. This year we have home grown seed to offer as well as Ill. grown, but stock is limited. Order early.

### PRICES OF OLDS' OLD GOLD:

Home Grown Seed: Pk., 75c; bu., \$2.25; 2½ bus., \$5.25.

Illinois Grown Seed: Pk., 65c; bu., \$2.00; 2½ bus., \$4.75.

(Our Illinois corn this year was grown in Putnam Co., 50 miles further north than Sibley.)



PHOTOGRAPH OF REID'S YELLOW DENT AS TAKEN BY OUR ILLINOIS GROWER.

## REID'S YELLOW DENT.

**A Tremendous Yielder of Big Long Ears, But All Right for Wisconsin.**

The most popular Yellow Dent among the corn growers of Illinois and Iowa. It originated with James L. Reid, the veteran corn grower. Sometimes known as World's Fair Corn, because awarded a gold medal and sweepstakes at the Chicago World's Fair. It has also taken many premiums at Illinois State Fair and at the other great corn shows. The ears are long, 10 to 12 inches, and the kernels are quite thick and very compact in the row, making it a very solid corn. Kernels are not as wide or as deep as those of Olds' Old Gold however. Color a deep golden yellow. Stalks are very large and tall, in fact most too large to cut up.

Reid's Yellow Dent matures in about 100 to 105 days, and throughout the corn belt is considered an early variety, earlier than most other varieties grown in the corn belt. Originally it was hardly adapted to Wisconsin but the home grown seed that we offer has been grown here consecutively for 8 years and is now thoroughly acclimated. No one in this latitude need hesitate to plant our home grown Reid's as it is **sure to mature in any ordinary season**. Our Illinois stock is from a well known corn breeder and grower in Putnam County, where our Old Gold Corn was grown. This is the best for Illinois and Southern Iowa.

### PRICES FOR REID'S YELLOW DENT.

Home Grown: pk., 60c; bu., \$2.00; 2½ bus., \$4.75.

Illinois Grown: pk., 60c; bu., \$1.80; 2½ bus., \$4.25.

## PRIDE OF THE NORTH.

A well known very early Yellow Dent. Cobs are very small and kernels long so that while the ears are not very large the proportion of shelled corn is greater than with any other variety. Our main stock is Nebraska grown, but we have a limited amount of Improved Pride of the North from our Illinois grower in Putnam County, 100 miles south of us.

Prices, Nebraska grown, pk., 50c; bu., \$1.75; 2½ bus., \$4.00.

Illinois grown, (Improved), pk., 60c; bu., \$2.00; 2½ bus., \$4.75.

## MINNESOTA KING---Half Dent.

A cross between dent and flint. The ear is good-sized, 8-rowed, with small cob, and very large, broad kernels of a golden yellow color. Very early. We recommend this corn for central and northern Wisconsin, Minnesota and the Dakotas. Our stock is Nebraska grown but the variety is such an early one that it ought to ripen most any where.

Prices, pk., 60c; bu., \$1.80; 2½ bus., \$4.25.





## WHITE CAP YELLOW DENT.

A splendid corn for all northern latitudes that are just outside of the corn belt. **As early as Pride of the North and considerably larger,** thus making it a safe variety as well as profitable one. It grows 6 to 7 feet high; abundant foliage; large fine ear 8 to 10 inches long, well filled to the tip, 16 to 18 rowed; ears 2 inches in diameter with small cob; grains large and deep; outer end of the kernel white, balance amber yellow. Ripens in 90 to 95 days.

We never thought as much of White Cap Yellow Dent as we do now. **All the stock we offer is home grown and is fine.** We were fortunate in getting hold of several fields near Clinton that made big yields and ripened up early. One field in particular was visited by many farmers and was generally considered the finest and heaviest piece of corn in this vicinity. We know this seed will please our Wisconsin and Northern Iowa customers. **Remember, all our White Cap was grown here.**

Prices, pk., 60c; bu., \$2.00; 2½ bus., \$4.75.

## IOWA SILVER MINE.

Undoubtedly the best White Dent for all the corn growing states. It was originated by Beagley and introduced by the Iowa Seed Co. It broke the **World's record** in 1896 with a yield of **215 bushels per acre**, produced by an Iowa farmer. It has repeatedly taken sweep-stakes premiums at Illinois State Fair and, in 1898 in the "Largest yield per acre" competition, **Silver Mine won first, second and third premiums**, the yields being 196, 176 and 154 bushels respectively. No other corn of any color can show such a yield record as Iowa Silver Mine. The ears are very uniform in size and shape with 16 to 20 straight rows of very deep, pure white kernels set on a small cob. It matures in about 100 days.

Our stock is Nebraska grown. It is choice seed and all right for the corn belt but will not do for this latitude.

Prices, pk., 50c; bu., \$1.75; 2½ bus. \$4.00.

We have also a small stock of home grown Silver Mine that we offer while it lasts at same price as home grown Reid's Yellow Dent.







## OLDS' MAMMOTH FLINT.

A new variety of very large flint corn originated with a farmer in Tompkins County, N. Y. One of our growers here at Clinton, Mr. K. K. Newhouse, planted quite a lot of this corn last spring and the crop proved to be something immense. The ears are all very long, a good percentage over 12 inches, with 8 straight rows of large broad kernels of a shiny red color, shading to gold on the outside edge of the kernel. Kernels are not nearly as hard as ordinary flint kernels. While it is an extra large corn it is **also very early**. Mr. Newhouse did not plant until June 17th but the crop matured up well in time to be delivered to us for seed.

Mr. Newhouse says: "The whole field yielded a good 100 baskets per acre and in some places it went at least 140 baskets. Part of the ground was very low and there it was about drowned out. **It is the earliest corn I have ever had hold of and the biggest yielder.** It is much larger than any other flint. The stalk is fully as high as the common yellow dent and it is very leafy, being much better for fodder than any dent. It does not sucker like other flints."

We recommend this new flint corn with great confidence for all northern sections and for dairy farmers everywhere as the most profitable for fodder. All choice home grown seed.

**Prices: pk., 75c; bu., \$2.50; 2½ bus., \$6.00.**

(When you order corn let us know if you can use anything else in case we are out of the variety wanted )





Early Longfellow Yellow Flint, the favorite with Dairymen.

**LONGFELLOW FLINT.**

The most popular of all flint varieties. It is a beautiful eight-rowed yellow flint, with slender straight ears, 10 to 15 inches long. Kernels are large and wide and cob very small. Ripens in 75 to 85 days and very prolific. Well adapted to the northern states and largely grown in northern Wisconsin and Minnesota.

Prices, Nebraska grown, pk., 60c; bu., \$1.90; 2½ bus., \$4.25.  
Home grown, limited stock, pk., 65c; bu., \$2.15; 2½ bus., \$5.00.

**KING PHILIP FLINT.** A very early 8-rowed red flint. Ripens in 80 days. Good sized ear and heavy yielder. Preferred by many to Longfellow.

Prices, Nebraska grown only, same as for Longfellow Flint.

**SANFORD WHITE FLINT.**

We have had many inquiries in the past for a white flint but never before have been able to offer it as it has always been a difficult matter to get hold of good seed. We now have some choice select seed of this one of the best of all flint varieties. The ears are very long, 12 to 15 inches, of handsome appearance, with large kernels of a transparent white color. The stalks are very leafy and the corn is also very productive, with usually 2 or 3 ears on a stalk.

Prices, Nebraska grown, pk., 65c; bu., \$2.00; 2½ bus., \$4.50.

**TWELVE ROWED FLINT.** A selection from Longfellow. Ears not as long but larger around. Our stock is choice home grown but very limited.

Prices, same as for home grown Longfellow Flint.

**RED COB ENSILAGE.** A southern grown, large white corn with deep red cob. Well known and planted everywhere throughout the north for fodder. Grows very large but does not ordinarily mature ears in the north.

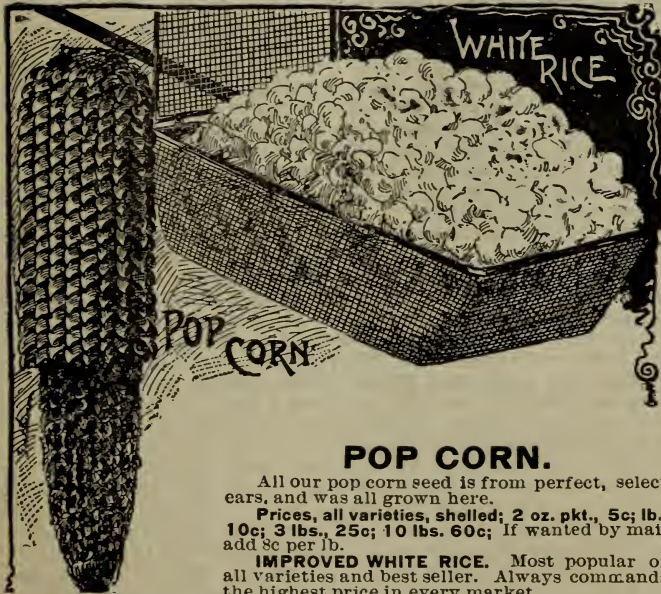
Prices, pk., 35c; bu., \$1.15; 2½ bus., \$2.50.

**SOUTHERN WHITE ENSILAGE.** About the same as Red Cob except that the cob is white.

Prices, pk., 35c; bu., \$1.10; 2½ bus., \$2.35.

**SWEET FODDER CORN.** All Sweet Corn is very high and scarce this year owing to crop failures. We have a limited stock of a good fodder grade that we offer while it lasts at a very reasonable price. Prices, pk., \$1.00; bu., \$3.50.

For other Sweet Corn see pages 46 and 47, under Garden Seeds.



**POP CORN.**

All our pop corn seed is from perfect, select ears, and was all grown here.

Prices, all varieties, shelled; 2 oz. pkt., 5c; lb., 10c; 3 lbs., 25c; 10 lbs. 60c; If wanted by mail add 8c per lb.

**IMPROVED WHITE RICE.** Most popular of all varieties and best seller. Always commands the highest price in every market.

QUEEN'S GOLDEN

**ILLINOIS SNOWBALL.** A new variety, a cross of White Rice and White Pearl. It will sell for White Rice.

**QUEEN'S GOLDEN.** Largest of all and most productive. Kernels are smooth instead of sharp, of a golden yellow color. It pops white however.

# SEED OATS

It pays to change the seed for your oats. It is almost always an advantage to get seed from a different locality even of the same varieties. While you are at it why not try our improved varieties? If you get even 2 or 3 bushels more per acre it will pay you for the extra cost of the seed.

We make a speciality of choice varieties and clean heavy seed. The oat crop the past season was in many sections very unsatisfactory. The stock that we offer however is mostly of good weight and our Big Four, Silver Mine and Swedish Oats are specially heavy and fine.

Our oats are thoroughly cleaned. We have installed a new power Clipper Cleaner the past season and are now in position to clean perfectly everything sent out in the grain and seed line.

All prices include sacks. We ship oats in heavy hemmed-top jute-bags holding 2½ bushels each. Samples free to intending purchasers of all varieties except Wisconsin No. 4.



Field of Swedish Oats (Wis. No. 4) of Anton Cherovsky, Kewaunee Co., which yielded 81½ Bushels per Acre. (From Wis. Agriculturist, Sept. 24, 1903.)

## WISCONSIN NO. 4 or SWEDISH OATS. New.

**Heaviest, Thinnest Hull, Stiffest Straw. Best of 36 Vars. at Wis. Ex. Station.**

This new oat which is now catalogued for the first time originated in Sweden. From there it was imported into Russia and the original seed brought from there to this country in 1898 by Prof. Carleton, of the U. S. Dept. of Agriculture. The next year the Wis. Ex. Station secured these oats from Washington with several other varieties for trial. They have now been grown on the University plats for four years under the supervision of Prof. R. A. Moore and during all that time have been carefully tested and compared with 36 other varieties. Prof. Moore says:

**"We have found them the most satisfactory of all varieties tested.** On the experimental plats the oats yielded exceptionally well, having a stiff straw, light hull and weighing 36 to 40 pounds per measured bushel."

Mr. Moore says further: "The Swedish Select Oats (Wisconsin No. 4) seem especially adapted to high, well drained land, and the best known returns are from clay-loam soils. The great root development is one of the characteristics of the Swedish oats which enables the plant to resist drought better than any other variety tested. The straw is coarse and is noted for its stiffness and power to withstand lodging."

We have grown the Wisconsin No. 4 here ourselves for two seasons and have been watching them with a great deal of interest and satisfaction. We hardly ever have seen nicer looking oats. **They are large and thick, white, plump and heavy.** The past season, 1903, was very unfavorable here but the No. 4 made a splendid strong growth, did not lodge at all, and gave a good yield of the largest and plumpest oats grown here. They yielded **just double Mich.** Wonder on the same farm.

Now we know it is going to pay every farmer who sows oats to get some of our Wisconsin No. 4 this year. Do not think the price is high. It is not high for such a valuable variety the first year of its introduction. If you get ⅓ or ½ more oats per acre or even 10 to 15 bushels more you will conclude it was a mighty good investment for you. In addition to the stock grown for us here we have over 1,000 bushels of heavy plump Wisconsin No. 4 grown in Dane County, Wisconsin, and about the same quantity from Sheboygan County. Both of these lots are from growers who obtained their seed direct from Prof. Moore of the Wis. Ex. Station. Some of these oats are a little colored but all are heavy and plump.

**Prices of Wisconsin No. 4 Oats for 1904:**

Large pkg. (by mail) 5c; ½ pk., 20c; peck, 30c; bu., (32 lbs.) \$1.00; 2½ to 10 bu. at 90c; 10 to 50 bus. at 85c; 50 bus. or over, prices on application.



## WHAT SOME OF THE GROWERS SAY ABOUT WISCONSIN NO. 4 OATS



Professor Moore writes under date of November 17, 1903: "Enclosed find photo of the Swedish Oats (Wisconsin No. 4) growing on the Experiment plats. The photo was taken at the time they were heading so does not show up as well as they would have if taken a week or two later."

### 800 BUSHELS FROM 30!

Anton Cherovsky, Kewanee county, Wis., writes September 23, 1903: "Here in a few words I will tell you what Wisconsin No. 4 Oats are. A year ago last spring I sent to Mr. Moore for one bag of Wisconsin No. 4 Oats, just 80 pounds. It was treated for oat smut. I sowed it, and threshed 70 bushels last year. This spring I had sown 30 bushels and threshed 800 bushels. Therefore you see what a heavy yielder the oats are."

### 75 BUSHELS PER ACRE IN LAFAYETTE COUNTY!

"The Best Variety of Oats in Our Section of the State."

M. Rood, of Lafayette county, Wis.: "The spring of 1902 I received from the Wisconsin Experiment Station a supply of the Swedish Select Oats which I sowed at the rate of 1½ bushels to the acre. The ground was carefully prepared and the oats were sown with a broadcast seeder, April 9, and then rolled. The oats sprouted nicely and came on vigorously. During the entire growing period a marked difference could be noticed between the Swedish oats and other varieties that we had growing in close proximity, in favor of the Swedish oats. The oats stood up evenly, and ripened several days in advance of the other varieties, and were cut the latter part of July. On August 10 the oats were threshed and yielded at the rate of 55 bushels to the acre by measure, weighing 40 pounds to the measured bushel, or 75 bushels per acre by weight.

"We consider the Swedish oats the best variety of oats grown in our section of the state and expect to sow all oats of that variety the coming spring so as to furnish our neighbors with seed after next season."

### NICEST OATS EVER RAISED!

10 Bushels Per Acre Ahead of Welcome.

Edw. F. Heuer, Waushara county: "During my attendance in the Short Course in Agriculture the winter of 1902, I learned of a new variety of oats that had been grown successfully on the Experiment farm. I was informed that the seed had been secured from the United States Government which had imported the same from Russia and that of the many varieties tested at the University farm none had equaled this variety.

"I secured a sack of these oats and sowed the same on my farm in Waushara county in comparison with the Welcome oats, the variety we had been growing for several years. The soil on which the oats were sown is a loose sandy loam with a gravelly subsoil. This soil does not grow very large cereal crops and we have considered it rather poor for oats. The field had raised a crop of potatoes the year before and was not plowed but merely disked and harrowed before putting in the oats.

"I sowed the two bushels of Swedish oats across one end of a five acre field and finished sowing the field with the Welcome oats for comparison. Both varieties of oats were sown on the same day with a drill. The Swedish oats appeared first above ground and had much larger leaves and looked much more thrifty during the entire growing period.

"The Swedish oats had stiff straw, were not near as rusty and from 6 to 8 inches taller with larger, heavier heads than the Welcome oats. There was a little smut in the Swedish oats and they were ripe and cut four days before the Welcome oats. I sowed the sack of Swedish oats on one acre, from which I got 45 bushels of the nicest oats I have ever raised. They were big, plump, thin hulled, bright, heavy oats weighing 40 pounds to the measured bushel. They yielded me about 10 bushels per acre more than the Welcome oats. This is quite an item for the farmer, for every bushel of grain he can raise on an acre above the amount required to pay the expense of production is clear profit.

"The feeding value of these oats I consider the best on account of having a very thin and soft hull with large, plump, meaty berry.

"There was a great demand in my community for these oats; everybody who saw them wanted some for seed, but I decided to sow all of that variety the coming year, so did not dispose of any."



Big Four Oats on Farm of Wm. Finster, One of Our Growers Near Clinton.

## BIG FOUR.

**Best Variety Next to the Swedish.**

We unhesitatingly pronounce Big Four the best of all oats, for this section at least, with the exception of the new Swedish or Wisconsin No. 4. **The whitest, plumpest and heaviest oats we had to offer in our 1903 catalogue were Big Four. The whitest, plumpest and heaviest oats we have to offer this year are Big Four.** The bulk of our stock was grown a few miles north of Rockford, in a section of country that produced some very heavy nice oats, that is, very heavy for the season of 1903.

Big Four is a large, rather late oat, with plump kernel and thin hull. It has the largest grain of any variety we know of. It is a pure white oat, free from black kernels and has a **wonderfully stiff straw**. In 1902, one of the worst seasons for heavy rains ever known, when oats everywhere went flat, our **Big Four stood up almost perfectly**, and made a splendid yield. There is nothing, certainly among the standard varieties, that makes a stronger heavier growth or that yields as well. The introducers claim a yield record of **250 bushels per acre**.

**Prices of Big Four: Peck, 25c; bu. 85c; 2½ to 10 bus. at 75c; 10 to 50 bus. at 70c.**

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## SILVER MINE.

This variety was first introduced nine years ago. It has made friends and become popular in nearly all sections. We have not found it as heavy a yielder as Big Four but it is earlier and for that reason better adapted to some localities. It is a thick, good sized, white oat; a strong vigorous grower with quite a stiff straw. The stock of seed we have to offer was grown north of us, in Dane County, Wis. It is heavy and plump, but somewhat colored

**Prices: Peck, 25c; bus., 75c; 2½ to 10 bus. at 65; 10 bus. or over at 60c.**

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All prices include sacks. Samples free on application.

Do not fail to see our exhibit of grain, seeds and potatoes at the St. Louis World's Fair.



Silver Mine.



# THE ALASKA OAT



## ALASKA.

**Earliest of All.**

The most striking characteristic of the Alaska is its **extreme earliness**, nearly two weeks earlier than other varieties. In some sections, where the summers are very dry and hot this is a great ad-

vantage, and in fact the Alaska succeeds well in some places where other oats cannot be grown at all. The Alaska is a white oat and has a very stiff straw. Although, like the Early Champion, it has a small kernel every stalk produces a surprising number of grains, so that it is really a heavy yielder. Its extreme earliness with comparatively short straw makes it the best variety for seeding with. Our Alaskas are not heavy this year and are colored some, but they will grow all right and are pure and genuine. **Prices, pk., 25c; bu., 65c; 2 to 10 bus. at 55c; 10 bus. or over at 50c.** (Sacks always included.)

## MORTGAGE LIFTER.

A large white oat of recent introduction, that seems to be gaining quite a reputation. We catalogued this variety for the first time last year. We had some nice stock then, but our crop the past season was disappointing both in yield and in weight. **Prices, same as for Alaska.**

## AMERICAN BANNER.

This variety did the best of all here last season with the exception of Big Four and the new Swedish Oats. Banner is one of the heavy yielders, with large, plump white grain somewhat like Big Four. It is medium in season, with a stiff straw of good length. We are well pleased with this variety and have some good stock to offer, although the amount is limited. **Prices, pk., 25c; bu., 70c; 2 to 10 bus. at 60c; 10 bus. or over at 55c.**

## CALGARY GREY.

An early black oat. We have found this variety in great demand in past years. This year we have only a few bushels to offer. Order early. **Prices, same as for American Banner.**

## IRISH VICTOR.

This new variety was introduced four years ago by the Iowa Seed Co. Originated in Ireland. It is a white oat, good sized and a good strong grower, but earlier and not quite as large as Big Four. Our crop was nearly a failure last year, and our oats are light in weight. But we can give you the genuine Irish Victor. **Prices, same as for Alaska.**

S. M. Newcomer, Haldane, Ill., writes May 12, 1903: "You certainly are an honest man or you would have sent me some other variety and called it Stowell's Evergreen. I do love to deal with such a man as you. As long as I want things that you have you can look for my order and I hope you will live long to do business. Now I do not believe that I am crediting you more than you deserve for I have been sending to you more than twelve years and I have the first time to find you do me an injustice. Now I do not want you to think this is flattery for I mean this every word."

Austin Powers, Sterling, Ill.: "While at Mr. Fred Royer's a few days ago he told me of your catalogue and showed me samples of corn he had raised from seed he procured of you. I paid several dollars last year to Seed Co. of and I was badly fooled, as nearly all the early potatoes were medium late and not true to name. Corn was not one-half as good as represented. Mr. Royer says I can rely on you for square dealing."

H. N. Popple, Sumner, Neb.: "Your goods came Saturday in good shape, everything was all that could be expected. The potatoes are beauties, the corn is very fine, the millet looks all right. I am very much pleased with everything and shall try to do all I can to help you sell goods here."



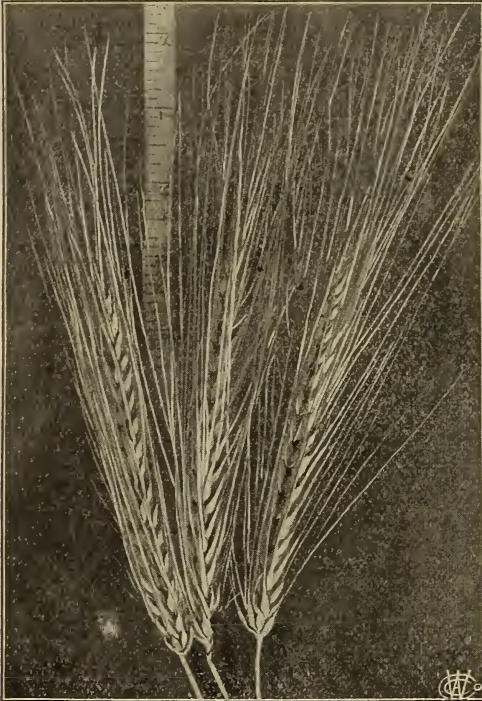
Irish Victor.



# SEED BARLEY

## MANDSCHEURI.

Plumpest, Longest Head, Best Yielder.



Heads of Mandscheuri over 5 inches long.

No barley equals the Mandscheuri for a money maker. It is an early, six-rowed variety with strong straw, bearing long, well-filled heads of plump grain. We never saw such long heads of barley as we found in the fields of Mandscheuri here at Clinton last summer.

Mandscheuri is an improved strain of Manshury but makes a stronger growth, has a plumper berry, and usually yields 10 to 15 bushels more per acre. The original seed was procured by the Wis. Ex. Station from Russia and was first sent out by the Station in 1895.

Prof. Henry has all the time been loud in its praise and hopes that its cultivation will become general throughout all barley-growing states. Mandscheuri stood first in a comparative test of 37 varieties, and it doubles the yield of common varieties.

We have a large stock of this barley all grown from seed that came last spring from the Noyes farm in Dodge County, where the original Mandscheuri was grown when first sent out by the Station. This stock that we have is free from oats and free from smut. It will pay you big to get some of it. We are right in a barley country here and can furnish most any amount.

Prices, pk. 30c; bu. (48 lbs.) 90c; 2 bus. at 80c; 10 bus. at 75c; 50 bus. at 70c; 100 bus., prices on application.

We are ready to quote special prices any time on large orders, in accordance with the condition of the market at the time. Above prices include sacks.





## SILVER KING. (Salzer's.)

A new variety described as "the finest bearded six-rowed barley in existence." Yields are reported of 80, 90 and 100 bus. per acre, and one farmer, John Brieder, of Manitowoc county, this state, swears to having produced 173 bushels from one acre. This is from the Salzer catalogue. We have grown Silver King now for four seasons. The farmers here as a rule consider it a little ahead of Mandscheuri. Some say they can see no difference. Our stock that we have in store at this writing weighs a little more per measured bushel than the Mandscheuri. If Silver King is a distinct variety it ought to be better than Mandscheuri because it is newer. We have the genuine anyway and you will save money by buying of us.

Prices, same as for Mandscheuri.

## CHAMPION BEARDLESS.

No "Pesky Beards" to Bother.

The Champion is an improved beardless barley. It is similar to Success Beardless, which we sold largely for three years, but is larger, has a longer straw and yields more per acre. It is **literally beardless**, just as represented, and this point alone is enough to recommend it, as it is pleasant to handle, and the straw can be fed to stock without fear of injury. While growing it looks like wheat, but after being threshed looks like other barley. It is **earlier than any bearded barley, better to seed with, better for feeding and usually yields full as well.** Our stock this year is not as heavy as we would like and contains a few oats. It will grow all right however, and at our low prices is sure to go off. We never have been able to supply the demand for beardless barley.

Prices, pk., 35c; bu., \$1.00; 2 bus. at 90c; 10 bus. at 85c; 50 bus. or over at 80c.



Champion Beardless Barley.

## TWO-ROWED. (Bearded)

Always plumper than six-rowed barley and heavier. Brings a higher price in market. Many farmers in this section are sowing it because more profitable than any 6-rowed. Our stock is from a very fine pure strain that came from Montana. This seed was the nicest looking barley we ever saw.

Prices, peck, 30c; bu., 95c; 2 bus., at 85c; 10 bus. or over at 80c.

## WHITE HULLLESS

A Great Novelty in Barley.

Plump heavy kernels, which, when threshed, are **hullless like wheat kernels.** Early, prolific, well filled heads. Straw is fine for feeding. No beards. Mr. D. C. Carpenter says:

"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 by far than corn. I fatted 20 hogs for one butcher, and made a gain of 106 pounds to the hog in five weeks. I find the best way to feed it is to grind it and feed it dry, with clear cold water in another trough for them to drink out of. I have sown it as late as the 18th of June and made a good grain crop. It stools wonderfully."

With us it has always grown **strong and thrifty, is earlier than any other barley, yields well and is very heavy.** When headed out in the field it is a beautiful sight. We recommend it as a novelty well worth trying. Sow like wheat,  $1\frac{1}{2}$  to 2 bus. per acre.

We secured new seed from the northwest for all our sowing last season, and have some nice stock to offer. But the number of bushels is limited. Order early to make sure of getting some.

Prices, pk., 40c; bu., \$1.25; 2 bus., at \$1.15; 10 bus., at \$1.10. Larger quantities special prices.



White Hullless Barley.

(If any of our customers have Hullless or Beardless Barley to sell we should like to hear from them.)



# OTHER GRAINS.

## SPELTZ OR EMMER.

The Wonderful New Grain From Russia.

Its strong points are as follows:

**First.** It is perfectly hardy and can be grown successfully anywhere.

**Second.** It yields more bushels per acre than either oats or barley.

**Third.** It is specially adapted to dry regions and to localities that are subject to hot, dry, summers, as it withstands drouth where barley fails entirely.

**Fourth.** It has such a very stiff straw that it stands up when both oats and barley lodge. In fact the straw is about as stiff as rye straw.

**Fifth.** It makes a well balanced feed when ground, for horses, cattle or hogs, as the large hull gives it the lightness of oats, while the double kernel furnishes a rich meal much like ground rye feed. The Russians use it for flour. It may also be fed without grinding.

**Sixth.** It is especially fine as a nurse crop, as it never falls down and smothers the new seeding.

**Seventh.** It is not effected, thus far at least by rust or smut.

**Eighth.** No special machinery is required for sowing, harvesting or threshing, different from other grain. Sow 2 to 2½ bushels per acre and treat in every way the same as oats or barley.

**Ninth.** The U. S. Dept. of Agriculture recommends it and so do we. They say "The results warrant the opinion that it may become one



Grains of Speltz.

of the trials of this grain have been so successful as to warrant the opinion that it may become one of our permanent crops for stock feeding."

We have a very large stock of Speltz and can make low prices. Do not fail to try it. Prices, pk., 30c; bu., (40 lbs.) 85c; 2 bus. at 75c; 10 bus. at 70c; 50 bus. or over at 65c.

## JAPANESE BUCKWHEAT.

We Are Headquarters for Buckwheat.

Japanese is about a week earlier than Silver Hull and usually considered a better yielder. It grows a large heavy straw, with many branches, and succeeds well far north. The grain is very large, of dark brown color. We have a splendid stock grown right here of pure heavy seed. Prices, pk., 35c; bu., (50 lbs.) \$1.25; 2 bus. at \$1.15; 10 bus. or over at \$1.10.

## SILVER HULL BUCKWHEAT.

A very popular variety. We sell rather more of it than Japanese. It has a very thin hull and is usually heavier than Japanese. Grain is small, nearly round and light grey in color. This variety is a great favorite with millers. We have a large stock, about the nicest we have ever seen. Prices, same as for Japanese.

## SEED WHEAT.

(Prices subject to market changes.)

### BLUE STEM OR VELVET CHAFF.

Fast displacing all older sorts and becoming the standard spring wheat. Fully equal to Fife in quality and earlier and hardier. Also a better yielder. Our seed is northern grown. Prices, pk., 35c; bu., \$1.30; 2 bus. or over at \$1.20.

### SASKATCHEWAN FIFE.

A well known red variety noted for its productivity, earliness and freedom from disease. Prices, same as Blue Stem.

### MACARONI WHEAT.

Very highly recommended for semi-arid regions, and already largely grown in the northwest. Prices, pk., 35c; bu., \$1.35; 2 bus. or over at \$1.25.

### TURKISH RED WINTER.

The hardest variety of winter wheat. We have some very nice clean seed, grown right here. Prices, pk., 35c; bu., \$1.25. (Write us at sowing time for prices in quantity.)

## SPRING RYE.

The straw is shorter and stiffer than the winter variety and is always easily secured. Invaluable as a catch crop. Can be sown late when winter wheat has died out, and is sure to give a good yield. Prices, pk., 35c; bu., (56 lbs.) \$1.10; 2 bus. or over at \$1.00.

## WINTER RYE.

**Olds' Improved White.** A superior variety originated right here. A cross of the large Iowa White with the common dark colored rye, combining the size and color of the former with the stiffness of straw and hardness of the latter. Prices, pk., 30c; bu., 90c. (Write us in August for prices of rye in quantity. We are in a great rye country and can make low prices.)

## FLAX SEED.

For sowing. Choice re-cleaned. Prices, pk., 50c; bu., (56 lbs.) \$1.50. Write for prices in quantity. Prices include bags in all cases. Samples by mail if desired.





# FORAGE PLANTS

## DWARF ESSEX RAPE.

Greatest of all Forage Plants.



Dwarf Essex Rape.

spreading. A good crop will furnish at least **12 tons of green feed per acre** and its nutritive value is nearly twice that of clover. It may be sown in the following ways:

1. In early spring for sheep and hog pasture.
  2. With spring grain, 2 pounds per acre, to provide sheep pasture after harvest.
- In this case it is better not to sow the rape until after the grain is about up.
3. With oats and clover seed for pasture and to get a catch of clover.
  4. Alone in June or July on newly plowed land.
  5. With corn just before the last cultivation.
  6. Along with rye in August or September, for late pasture.
- Sow broadcast, 5 pounds per acre, using a hand seeder, either the Cyclone or Ca-hoon. See page 63.

A word about the seed. We buy in car lots and handle only the best and purest Dwarf Essex entirely free from bird rape, mustard or anything of the sort. We are able to make low prices because we buy in large quantities and are satisfied with a moderate profit. The Dwarf Essex is the only desirable variety. Some seedsmen give it other names, such as Victoria, English, etc., simply to sell it. It is all imported as the seed will not grow in this country.

**Prices for Dwarf Essex Rape: lb., 10c; 5 lbs., 40c; 10 lbs., 70c; 100 lbs., \$5.00; 500 lbs., at \$4.50.** (Add 8c per lb. if to go by mail.)

## SOY BEANS or SOJA BEANS.

### The Coming Forage Plant for Farmers in the North.

Prof. Moore of the Wis. Agricultural College says, "Soy Beans are very high in protein content and as soon as the dairymen can grow the soy beans successfully they can save a large amount of money which is now being sent out of the state for protein feeds." Tests were carried on the past season by the Wis. Agricultural Experiment Association with the Ito San variety in 22 different counties. All of the young men were enthusiastic over the results. The average yield of all reports was 20.8 bushels of dry beans per acre or 6.6 tons per acre of green feed. In all cases where fed green to farm animals it was relished very much. The beans themselves are the **richest known vegetable substance** and as a fertilizer soy beans are claimed to be even **superior to clover**. Sow after the ground becomes warm, broadcast,  $\frac{1}{2}$  bu. per acre, or better, sow in rows 30 inches apart, and 4 or 5 inches apart in the row. Northern grown seed is essential for the north.

All our stock was grown by E. E. Evans, the Soja Bean expert of Northern Michigan.

**EXTRA EARLY BLACK.** A very distinct jet black variety recently introduced. It originated with Mr. Evans. He says of it: "I consider it by all odds the best for the North yet introduced. It is sure to ripen in the northern states."

Price, pkt., 7c; qt., 20c; (By mail, 35c.)  $\frac{1}{2}$  pk., 50c; pk., 90c; bu., (60 lbs.) \$3.00.

**ITO SAN.** A small yellow bean with brown eye. The best Soja for hay and soiling and one of the heaviest seed producers.

Price same as Extra Early Black.



Soja Beans as Grown for Pasture or Soiling.



## FIELD PEAS.

If the value of Field Peas was better understood they would no doubt be more largely grown. They are specially fine for dairy cows and as milk producers stand well at the front in the list of forage plants. Also, like all leguminous plants, peas leave the soil richer in nitrogen. Sow two bushels per acre alone, or with oats, 1 to 1½ bushels of each.

**WHITE CANADA.** The most common variety. Our stock is choice. **Pk., 50c; bu. \$1.60.**

**FRENCH JUNE.** Earlier than the common Canada and fast superseding that variety wherever it has been tried. **Pk., 50c; bu. \$1.65.**

**SCOTCH BEAUTY.** A very fine blue pea, and the best for soup. **Peck, 60c; bu., \$1.90.**

**BLACK EYED MARROWFAT.** Vines are large and strong, 5 feet high, with large well-filled pods of large peas. Used also as a garden pea. **Peck, 60c; bu., \$2.15.**

**WHITE MARROWFAT.** Similar to Black Eyed Marrowfat. **Price same.**

(Ask for special prices on Field Peas in large lots.)



Scotch Beauty Field Peas.

## SAND or WINTER VETCH.

Sometimes called Hairy Vetch. The most valuable of all vetches. It succeeds on nearly all soils and is specially recommended for poor land, where it thrives and improves the soil wonderfully, as it is very rich in nitrogen. It belongs to the pea family but the vines are more leafy and longer. It may be sown in the spring or in the fall, preferably with rye. It remains green all winter and is valuable for early pasturing, as well as a fertilizer.

**Price, lb., 15c; ½ pk., 90c; pk., \$1.60; bu. (60 lbs.) \$5.50.**  
(Always add 8c per lb. if to go by mail.)

## COW PEAS.

Until recently the Cow Pea was supposed to be suitable only for the south. It is being demonstrated however that successful crops can be grown in the north if the right varieties are used. Cow Peas make excellent pasture for sheep, hogs or cattle but their greatest value is as a fertilizer, as they have wonderful power to put nitrogen into worn out soil. When plowed under as a fertilizer the plowing should be done when the plants are in full bloom. Sow broadcast, one to two bushels per acre, after corn-planting time when the ground is thoroughly warm.

**NEW ERA.** A new extra early variety of great merit. Our stock was grown by Mr. E. E. Evans of North Mich. who says that New Era was not only the earliest of all varieties with him but produced the heaviest crop of Vines and also of pods. He calls it "the best cow pea in existence for the north and west."

**Price, qt., 15c; ½ pk., 50c; pk., 90c; bu. (60 lbs.) \$3.00.**

**WHIPPOORWILL.** The best known variety and the standard.

**Price, pk., 60c; bu., \$2.00.**

**MIXED, pk., 50c; bu. \$1.65.**

(All prices include bags, but postage on small lots to be sent by mail is always extra. Large packet, any variety Cow Peas or Field Peas, 5c postpaid.)



Sand Vetch.



Cow Peas Crown for Pasture or Soling.



## PENCILARIA.

Ahead of Everything Else in Amount of Fodder Produced on One Acre.

Mr. E. E. Evans, the Soy Bean specialist says: "If there is a forage plant that will produce as much green fodder per acre as this, I have failed to make its acquaintance." A yield of **95 tons per acre of green fodder** is claimed and **16 tons of good hay**. The secret of it is it can be cut four or five times in one season and after each cutting it grows right up again. Here is intensive farming for you. It is strictly an annual however and will not live over through the winter. The seed is very small, about the size of a pin head. When it first comes up it looks like grass, but soon changes so that it resembles corn, growing very rapidly. Grows to a height of 12 or 14 feet if left long enough, but should be cut when only half that height, as it is more tender. The introducers claim that it is superior in quality to corn fodder, Kafir corn or any similar plant. Sow at corn planting time in rows 2 or 3 feet apart, and 3 or 4 seeds to each foot of row. One pound will seed an acre. Cover very shallow, only  $\frac{1}{4}$  to  $\frac{1}{2}$  inch deep. Cultivate same as corn. The seed we offer is from the original introducers and is thoroughly acclimated to the north. Prices, pkt., 10c;  $\frac{1}{2}$  lb., 15c; lb., 40c; 5 lbs. at 30c; 10 lbs. or over at 25c. Postage extra.

### THOUSAND HEADED KALE.

Like Rape, But More Productive.

In England where all the seed is grown of this and also of rape it is claimed that kale is fast supplanting rape and three or four times as much is now sown as of rape. Thousand Headed Kale is so named because of the numerous small whorls of leaves thrown out on every plant. It grows to a height of 3 or 4 feet and is very thick so that it yields a much larger crop than Dwarf Essex Rape, and is relished the same as rape by all kinds of stock. The seed is higher priced than rape seed but it takes less of it, three pounds per acre being sufficient if sown broadcast and one pound if in rows. Prices, pkt., 10c;  $\frac{1}{2}$  lb., 15c; lb., 40c; 5 lbs. or over at 35c. Postage extra.

### WHITE KAFFIR CORN.

Largely grown in the south and now coming into favor with northern farmers. It is a variety of sorghum cultivated in the south for both forage and grain. It grows 5 or 6 feet high with a straight upright growth and numerous broad leaves. The stalks keep green and are brittle and juicy, not hardening up like other varieties of sorghum. It makes the best kind of fodder for cattle or horses and is easily grown. Never any failure. Sow in rows  $2\frac{1}{2}$  to  $3\frac{1}{2}$  feet apart and cultivate the same as corn, but do not sow until the ground is thoroughly warm. Three to five lbs. will seed an acre if sown in rows, or  $\frac{1}{2}$  bushel if sown broadcast. Prices, lb., 10c;  $\frac{1}{2}$  pk., 25c; pk., 40c; bu., (50 lbs.) \$1.00. Special prices in quantity.



Pencilaria.

### JERUSALEM CORN.

Similar to Kafir Corn but claimed by some to be better. It is a sure cropper even in dry seasons, grows to a height of 5 feet bearing large seed heads well filled with white flat grains. The grain is fine for chickens. Culture, same as for Kafir Corn. Prices, lb., 10c; 3 lbs., 25c; pk., 75c; bu., \$2.25.

### EARLY AMBER CANE.

Most Valuable for Dairy Cows.

The leading dairy farmers of the northwest generally regard Sugar Cane or Sorghum as the best of all fodder plants today for their purpose. It is only recently however that it has come into general use. It can be easily grown on any good corn ground, is sweet and tender and greedily eaten by cattle, horses and hogs. It yields immense crops of fodder, as high as 100 tons of green feed being claimed from one acre. Several cuttings may be made. It may also be used for pastures. Sow any time from May 15 to July 15, 12 to 15 lbs. per acre in rows and cultivate the same as corn. Or if sown broadcast, use 100 lbs. per acre. The Early Amber is the best variety and the most used. Prices, lb., 10c; 10 lbs., 40c; 100 lbs., \$2.25; 500 lbs. at \$2.00. (All prices include bags, but not postage if the order is to go by mail)



Kafir Corn.



Early Amber Cane



## JAPANESE MILLET.

All things considered we call this the most valuable thing in our whole list of forage plants. It has been sold under different names, as "Billion Dollar Grass," "Steel Trust Millet," etc., but they are all one and the same thing. We recommend it for the following reasons:

**First.** It makes more hay than German Millet or any other.

**Second.** Although it grows so large, sometimes six or eight feet high, the hay is of most excellent quality, superior to corn fodder.

**Third.** It is adapted to all sections and a great success wherever tried. It does well on low ground.

**Fourth.** Two crops a season may be cut from it, or, if left to ripen, it will yield almost as many bushels of seed per acre as oats.

**Fifth.** It requires less seed per acre than other millets, 10 to 15 lbs. being sufficient.

**Sixth.** It makes a fine silage, especially if mixed with Soja Beans or Sand Vetch.

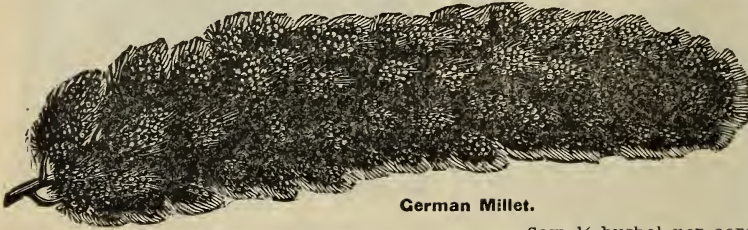
**Seventh.** It is highly endorsed and recommended by the U. S. Dept. of Agriculture, by all Experiment Stations and by all seedsmen generally.

We are long on Japanese Millet this year as we had a splendid crop again last season. In fact we have been selling to other seedsmen in carload lots. Be sure to order of us as we are headquarters. At our prices it is even cheaper than German Millet, as it requires only half as many pounds to seed an acre. Therefore the expense cannot stand in the way of trying it this year. Do not be afraid of it because it is new. Treat it just exactly as you would German Millet, only sow it a little earlier for the best results. The latter part of May is about right. We know it will please you.

Prices,  $\frac{1}{2}$  pk., 35c; pk., 50c; bu., (40 lbs.) \$1.50; 5 bus. at \$1.40; 10 bus. or over at \$1.35.



Japanese Millet.



German Millet.

## GERMAN MILLET.

Much better than Common Millet as it will produce double the crop. Our seed is grown in the south west and is much superior to northern grown seed as it yields more.

Sow  $\frac{1}{2}$  bushel per acre.

Prices, pk., 35c; bu., (50 lbs.) \$1.00; 2 bus. or over at 90c. (Prices subject to change.)

**COMMON MILLET.** Present prices same as for German.

**HUNGARIAN.** Preferred by some to German Millet as it is about a week earlier. Does not grow as large but makes finer hay.

Price, choice seed, pk., 35c; bu., (48 lbs.) \$1.25; 2 bus. or over at \$1.15.

**SIBERIAN MILLET.** A new variety from Russia and earlier than either German Millet or Hungarian. The S. D. Ex. Station says: "The most promising variety yet tested."

Prices, same as for German Millet.

**HOG OR BROOM CORN MILLET.** Also called Dakota Millet. This millet makes inferior hay, unless cut very young, but it yields enormous quantities of seed, as high as 60 to 70 bushels per acre. This seed is fine for poultry, hogs and other stock.

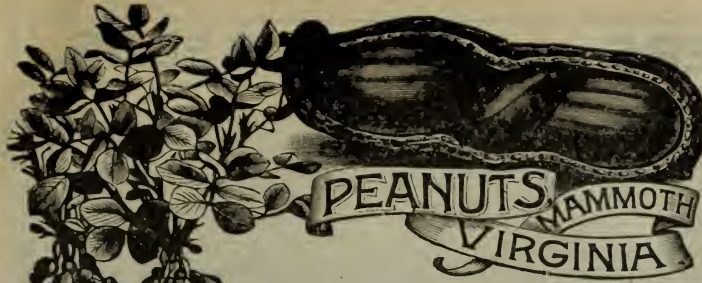
Prices, same as for German Millet.

(Millet and Hungarian prices are subject to market change. We can furnish choice seed now at the prices quoted, but later in the season there is almost sure to be an advance. Remember, we are large growers of farm seeds of all kinds, and are in position to sell at lower prices than most any firm in the country, considering quality. We buy in car lots such seeds as can be grown to better advantage in other sections. Of course market prices on standard things, such as millet, field peas and clover seed, are all the time changing but they usually advance as the season progresses. Our advice is, buy early. Samples sent on request.)



Japanese Millet 7 feet high on farm of one of our growers, Mr. H. Larson.





**MAMMOTH VIRGINIA PEANUT.** Largest of any variety, with very erect stems and upright foliage. More easily cultivated and more profitable than the common spreading kind. Price, 2 oz. pkt., 10c; lb. 20c; 3 lbs. 50c. Postage extra.

**SPANISH PEANUT.** The earliest variety grown, and on that account the best for the North. Pods are small, but well filled and very numerous. Price, same as Mammoth Virginia.

**CHUFAS or EARTH ALMONDS.**

A species of "grass nut" used to fatten hogs. The nuts grow underground close to the surface and are easily reached by pigs or poultry. Plant in April in rows 3 feet apart and 8 to 10 inches apart in the row. If seed is dry soak before planting.

Price, pkt., 10c; lb., 20c; 3 lbs., 50c. Postage extra.



Chufas or Earth Almonds.

**MAMMOTH RUSSIAN SUNFLOWER.**

Largest variety. Single heads 12 to 20 inches across. This is without doubt a paying crop. The seeds make the finest kind of poultry food and it is said are cheaper to raise than corn. Every farmer should have some. Two pounds of seed will plant an acre.

Price, pkt., 5c; lb., 10c; 5 lbs., 40c. Postage extra.

**BROOM CORN.**

Improved Evergreen. The best variety for general cultivation. Ripens very early. Sow in drills, 35 lbs. per acre.

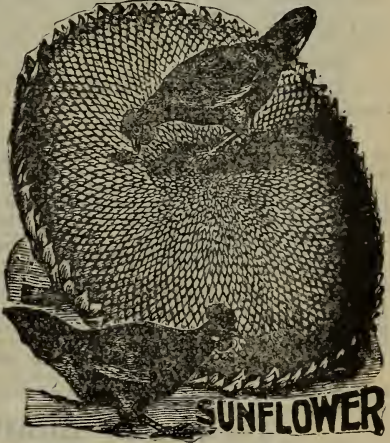
Prices, lb., 10c; 10 lbs., 40c; 100 lbs., \$2.50.

**Field Beans.**

It pays to plant pure seed even of beans. Common white beans as ordinarily sold at grocery stores are usually more or less mixed, and should never be used for seed. If for example you want to raise Navies make sure that you have seed of pure Navies and not mixed with something else. You will get more for the beans in market and they will ripen up more evenly. We take great pains to have all our varieties pure, and our stock is choice hand-picked and grown specially for seed. Write for special prices in quantity as bean prices are subject to market changes.

- CHOICE NAVY. Pkt., 5c; pt., 10c; qt., 15c; pk., 70c. bu., \$2.50.
- CHOICE MEDIUM. Pkt., 5c; pt., 10c; qt., 15c; pk., 70c; bu., \$2.40.
- BOSTON PEA. Pkt., 5c; pt., 10c; qt., 15c; pk., 70c; bu., \$2.50.
- WHITE KIDNEY. Pkt., 5c; pt., 10c; qt., 15c; pk., 90c; bu., \$3.50.
- RED KIDNEY. Pkt., 5c; pt., 10c; qt., 15c; pk., 85c; bu., \$3.25.
- IMPROVED PROLIFIC TREE. Pkt., 7c; pt., 10c; qt., 15c; pk., 90c; bu., \$3.50.

(Postage extra except on packets.)



**IMPROVED PROLIFIC TREE BEAN.**

Greatest Yields Known.

Also called California Wonder. This new bean has a record of over 1000 beans produced on one stalk. It grows about 20 inches high with stiff stem and branches held well up from the ground. The beans are pure white, of small size, resembling the Navy, and bring the highest market price. It seems to do well wherever tried and its great productiveness makes it a very profitable crop. Try an acre. \$1.50 will pay for the seed.



Plant of Improved Prolific Tree Bean.



# CLOVERS and GRASS SEEDS.



Alfalfa on One of the Farms of the Payne Investment Co., Omaha, Neb.

## OLDS' CLOVERS.

We make a specialty of Clover Seed,—Medium, Mammoth, Alsyke and Alfalfa. We buy all we can get at home and also ship in in car lots. At the present writing we have a good large stock of Wisconsin seed and also choice seed from other sections.

Prices are strictly subject to market changes, and we will not undertake to maintain the prices named below except for small quantities, less than bushels. Write for samples and lowest prices when you are ready to buy. Our "Old Gold" brand represents the best grade of everything, and small orders, less than one bushel, are always filled with this. Bushel prices on clover seed never include bags. Add 15c for each bag required.

**MEDIUM RED.** The standard clover and best for hay.

Prices, lb., by freight, 15c; pk., \$1.90; per bushel of 60 lbs; (present price) \$6.50 to \$7.25.

**MAMMOTH RED.** Resembles Medium but larger and coarser. Best for pasture and as a fertilizer, but not usually considered desirable for hay because too large.

Prices, same as for Medium.

**ALSYKE.** Unexcelled for hay and cannot be too strongly recommended. Finer and more leafy than other clover but grows to a good height and makes a heavy yield of hay. Also fine for pasture. Alsyke is the only clover that will produce a good crop and not kill out on wet land. It is a true perennial producing good crops year after year on the same ground. The seed is very small and goes fully twice as far as other clover. Five or six pounds will seed an acre. Many farmers mix a little Alsyke with all the Medium they sow, a decidedly good idea. Prices are very low this year compared with other clovers. A good time to sow it.

Prices, lb., 15c; pk., \$1.90; per bu., \$6.50 to \$7.00.

**ALFALFA.** (Lucerne) Alfalfa has jumped into great prominence and popularity during the last year or two as a substitute for Red Clover in the north. In the west and southwest it has been for some time the great standby, but of late the farmers of the northern states are beginning to learn that it will stand drouth better than common clover, is less liable to winter kill, will last a long term of years from one seeding and will furnish two or three cuttings in a season of the very best hay. Sow 20 lbs. per acre for a good stand, with oats or barley as a nurse crop.

Prices, lb., 20c; pk., \$2.50; per bu., \$8.00 to \$9.50.

Owing to a short crop Alfalfa seed is very high this year. The prices we quote are the lowest at present but write us when you are ready to buy. There is a wide difference in quality. We handle only the best grades.

## Turkestan Alfalfa.

A new variety of Alfalfa from Central Asia. It was first sent out by the Dept. of Agriculture about 5 years ago, and has been widely tested throughout the United States with general satisfaction. Its great point of merit is its **hardiness**. In Turkestan, where the seed grows, the winters are very cold and the summers dry and hot so it is able to stand the greatest extremes of cold and heat. Heretofore the seed has been very high but this year we are able to furnish it at only a slight advance over the common Alfalfa.

Price, lb., 25c; 5 lbs., \$1.00; pk., \$2.75; per bu., \$9.00 to \$10.00.

## CRIMSON CLOVER.

Also called Giant Incarnate. Also Scarlet and Italian Clover. This is an annual clover largely used in the east and south and now being tried somewhat in the north. Sow in April or May, 15 pounds per acre, or it may be sown in the corn at the time of the last cultivation in July and then either used for fall pasture or plowed up for a fertilizer. It usually winter kills in this latitude.

Prices, lb., 15c; 5 lbs., 50c; pk., \$1.15; per bu., \$3 50 to \$4.00.

## WHITE DUTCH CLOVER.

Desirable for pasture mixtures. Also fine for lawns. It is the hardiest of all clovers and its low creeping habit and tenacity of root makes it specially valuable for establishing a new turf.

Price, choicest grade, lb., 30c; 5 lbs., \$1.25; pk., \$2.75; bu., \$9.00 to \$10.50.



Crimson Clover.





Field of Bromus Inermis being cut for seed.

## OLDS' GRASS SEEDS.

We handle Timothy, Brome Grass, Red Top, etc., in large quantities and can quote low prices. Prices by the bushel and hundred pounds are subject to change. Write for prices, stating quantities needed. Bags are extra at 15 cents each for timothy. Prices include bags on other grasses. Prices quoted do not include postage in any case.

### BROME GRASS (BROMUS INERMIS.)

#### Most Valuable New Grass Introduced in the Last Twenty-Five Years.

Bromus adapts itself to nearly all conditions of soil and climate and yields enormous quantities of hay and makes abundant pasture. It defies drouth and is not effected by frost. A decided success. It forms a very thick dense sod and is a permanent grass not killed out by variations of weather. Easily destroyed when desired by plowing however. Universally recommended by the Experiment Stations of the north-western states and by the U. S. Dept. of Agriculture. Prof. Shepard of North Dakota Agricultural College says: "The eagerness with which it is sought by stock leads me to believe that it is of as much value as timothy for pasturage, and that the hay is as valuable, ton for ton." Sow early in the spring, 20 pounds per acre alone or 15 pounds if sown with alfalfa.

Prices, lb., 20c; 10 lbs., \$1.25; 100 lbs., \$8.50 to \$10.00.

### TIMOTHY.

We have a large stock of choice timothy seed on hand, all grown right here. We know just what farmers grew it and know it is free from foul seed. Write for special prices and samples, naming amount needed.

Prices, lb., 10c; pk., 50c; per bu. of 45 lbs., \$1.50 to \$1.85.



Timothy.

**ORCHARD GRASS.** Grows well in the shade of trees and stands drought well. Sow 40 lbs. per acre. Lb., 20c; 10 lbs., \$1.50; 100 lbs., \$9.00 to \$11.25.

**RED TOP, FANCY.** Solid seed. Three pounds equal one bushel ordinary Red Top. Fine for low wet land. Lb., 15c; 10 lbs., \$1.00; 100 lbs., \$6.50 to \$7.00.

**BLUE GRASS, Fancy Kentucky.** This is the common June grass so much prized for lawns. We have choice seed. Lb., 20c; 5 lbs., 75c; 10 lbs., \$1.35; 100 lbs., \$11.00.

**MEADOW FESCUE.** Specially valuable for permanent pastures. Sow 25 pounds per acre. Lb., 15c; 10 lbs., \$1.25.

**PERENNIAL OR ENGLISH RYE GRASS.** A splendid permanent grass for pastures and for lawns. Sow 20 lbs. per acre. Lb., 15c; 10 lbs., \$1.00; 100 lbs., \$6.00.

**MEADOW FOXTAIL.** Resembles Timothy in its growth. Specially valuable for low ground. Lb., 25c; 10 lbs., \$2.00.

**CRESTED DOGSTALL.** For pasture, on dry, hard soils and for lawns. Lb., 35c; 10 lbs., \$3.00.

**TALL MEADOW OAT GRASS.** Very hardy. Good for either hay or pasture. Lb., 15c; 10 lbs., \$1.25.

**SHEEP'S FESCUE.** Excellent for sheep pasture. Lb., 15c; 10 lbs., \$1.25.

## Old Gold Lawn Grass.

A choice mixture that we prepare ourselves, of the best grasses for a permanent lawn, Kentucky Blue Grass being used as the foundation. Sow ½ pound per square rod. Lb., 25c; 5 lbs., \$1.00; 10 lbs., \$1.75.

**OLDS' PASTURE MIXTURE.** A mixture of the best grasses for a permanent pasture, Red Top and Orchard Grass being the foundation. Sow 30 to 40 pounds per acre. Lb., 15c; 10 lbs., \$1.25; 100 lbs., \$10.50.

The above mixtures do not contain any Clovers or Timothy. White Clover is fine for lawns and the other Clovers for pasture and hay, but they are best sown separately.

Add 8c per lb. on all orders to go by mail.



Orchard Grass.

# GARDEN SEEDS.

The Garden Seeds catalogued in the following pages are all **Choice Tested Seeds**. They are grown by specialists and we believe are **equal to any offered**. None are allowed to go out from our warehouse that do not make a **high germination test**.

**Our prices are low.** Compare them with others. Remember, high prices are not a guarantee of quality. We try to be satisfied with a reasonable profit.

**Prices do not include postage except on packets and ounces.** If wanted by mail you must add 8 cents per pound for pounds, quarter pounds, pints and quarts.

All packets are put up in **beautiful lithographed seed bags**, with cultural directions on the back.

**We allow Cash Discounts on Packets and Ounces as follows:**

10 per cent. discount on orders from \$	.50 to \$	1.00
20 " " " " " " " " " "	1.00 to	5.00
30 " " " " " " " " " "	5.00 to	10.00
40 " " " " " " " " " "	10.00 and over	

These discounts do not apply to Collections nor to anything except packets and ounces. See page 57.

No regular discounts are offered on pints and quarts, quarter pounds and pounds. Special prices will be gladly quoted on large orders but tell us just what you want, and how much.

## ASPARAGUS.

**COLUMBIAN MAMMOTH WHITE.** A new variety with white shoots that stay white. Rather more vigorous in growth and shoots larger than those of Conover's Colossal. Two year old roots **25, 25c; 100, 75c; 1,000, \$6.00.**

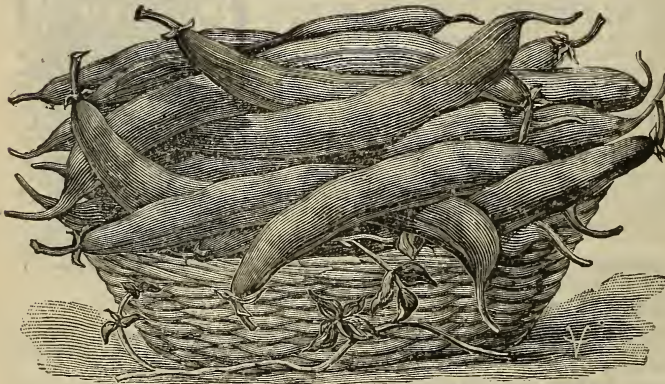
**CONOVER'S COLOSSAL.** The standard variety. Two-year old roots, **25, 25c; 100, 65c; 1,000, \$5.00.** Prices do not include postage. If to be sent by mail add at rate of 50c per 100.

Seed of either Variety, **pkt., 5c; oz., 8c; ¼ lb., 15c; 1 lb., 50c.**

## BEANS

Packet  
2 Ounces.

All our Beans are grown by experts, are rogued to true type and carefully hand-picked. Prices do not include postage, except on packets. If wanted by mail, add 8 cents per pint, 15 cents per quart. Half pecks and half bushels at peck and bushel prices.



Burpee's Stringless Green Pod.

### DWARF GREEN PODS.

Burpee's Stringless Green Pod.

Ahead of Everything Else.

If you want just one variety of beans take this. We used to think the wax pods were the best, but we have found that Stringless Green Pod beats them all for **crispness and tenderness**. We have noticed also that the pods hold their crispness right along until the beans are nearly ripe. You will find that nearly all seedsmen are giving this variety first place now as the **best of all dwarf green pods, and it is the only one that is absolutely stringless.** **Pkt., 5c; ½ pt., 8c; pt., 12c; qt., 20c; pk., \$1.35; bu., \$5.00.**

**GIANT STRINGLESS GREEN POD.** New. The same as the preceding, but of larger size, and not quite as early. **Price, the same.**

**IMPROVED ROUND POD VALENTINE.** A standard green-pod snap bean. We have an improved strain. **Pkt., 5c; ½ pt., 8c; pt., 12c; qt., 20c; pk., \$1.10; bu., \$4.25.**

**EXTRA EARLY REFUGEE.** Ten days earlier than the common well known Refugee, and just as good otherwise. **Pkt., 5c; ½ pt., 8c; pt., 12c; qt., 20c; pk., \$1.10; bu., \$4.25.**

### WAX PODS.

**DWARF GERMAN BLACK WAX.**

Dwarf bush growth and very prolific. Pods golden yellow, 3 or 4 inches in length, quite round, meaty, brittle and entirely stringless.

**Best of all for the Home Garden.** **Pkt., 5c; ½ pt., 10c; pt., 15c; qt., 25c; pk., \$1.60; bu., \$6.00.**

**CHALLENGE BLACK WAX.** Not as large as German Wax but a little earlier. **Pkt., 5c; ½ pt., 10c; pt., 15c; qt., 25c; pk., \$1.60; bu., \$6.00.**

**JONES' STRINGLESS WAX.** A very fine new variety. A week earlier than any Black Wax, with pods perfectly round, solid and tender. Highly recommended.

**Pkt., 5c; ½ pt., 10c; pt., 15c; qt., 25c; pk., \$1.65; bu., \$6.25.**

### Dwarf Golden Wax.

The most popular perhaps of all Beans. We sell more of it than any other. Especially fine for family use. The pods are long, nearly straight, broad, flat, golden yellow, fine as a snap bean and also as a shell bean, shelling easily when green. Of the highest quality for either purpose. **Pkt., 5c; ½ pt., 10c; pt., 15c; qt., 25c; pk., \$1.60; bu., \$6.00.**

**DAVIS WHITE KIDNEY WAX.** Very productive and one of the best for the market gardener. Pods are long, often 7 or 8 inches, straight, of clear waxy white color and handsome. Hardy and good shipper. **Pkt., 5c; ½ pt., 10c; pt., 15c; qt., 25c; pk., \$1.65; bu., \$6.25.**

### WARDWELL'S KIDNEY WAX.

About the earliest, hardiest and most productive of all wax pods. Specially famous with market gardeners. Pods are long and showy, a third longer than Golden Wax and a week earlier. **Pkt., 5c; ½ pt., 10c; pt., 15c; qt., 25c; pk., \$1.85; bu., \$7.00.**





Burpee's Bush Lima.

## BUSH LIMA BEANS.

### Burpee's Bush Lima.

**Very famous and deservedly so.** This is the only bush form of the true Lima Bean. Nothing is quite so delicious in the Vegetable line as fresh Lima Beans right from the garden. But the old pole Limas are not easy to raise in the north. Burpee's Bush Lima however can be successfully grown by anyone and it ought to be in every garden. The bushes grow 18 to 20 inches high, of stout erect growth, yet branching into a bush two feet or more in diameter. No poles or stakes required. The pods are long, each one producing 3 or 4 mammoth beans, very tender and of delicious flavor. Everyone testifies to the worth of this variety. Do not omit it from your list.

Pkt., 5c; ½ pt., 10c; pt., 15c; qt., 25c; pk., \$1.65; bu., \$6.25.

### HENDERSON'S BUSH LIMA.

A smaller bean than Burpee's Bush Lima, but **earlier**. Immensely productive and a very valuable thing for the home garden.

Pkt., 5c; ½ pt., 10c; pt., 15c; qt., 25c; pt., \$1.60; bu., \$6.00.

## POLE LIMA BEANS.

### KING OF THE GARDEN LIMA.

The favorite with market gardeners. Large podded and a strong grower. In good soil pods will run from 5 to 8 inches in length, 5 or 6 large beans to the pod. Of best quality.

Pkt., 5c; ½ pt., 10c; pt., 15c; qt., 25c; pk., \$1.60; bu., \$6.25.

### LARGE WHITE LIMA.

The well known standard.

Pkt., 5c; ½ pt., 10c; pt., 15c; qt., 25c; pk., \$1.60; bu., \$6.00.

## SNAP POLE BEANS.

**LAZY WIFE.** A well known pole bean that has become very popular. It probably gets its name from the fact that it is so very productive and so easily cooked. The pods are dark green in color, broad and thick, 4½ to 6 inches in length and are produced in great abundance. The pods remain tender and brittle until nearly ripe. Unexcelled for snaps. Beans are white when dry and very fine as shelled beans and for winter use. Pkt., 5c; ½ pt., 10c; pt., 15c; qt., 25c; pk., \$1.60; bu., \$6.00.

**WHITE CREASEBACK, or Best of All.** Burpee says:—"The best early green podded pole bean." Very productive, with long pods, perfectly round, entirely stringless and of superb quality. Matures extremely early. Pkt., 5c; ½ pt., 10c; pt., 15c; qt., 25c; pk., \$1.50; bu., \$5.50.

**KENTUCKY WONDER. (Old Homestead.)** A most popular pole bean. Pods 7 inches in length and so fleshy that they are **greater in width than breadth**. If kept gathered vines will continue to bear to the end of the season. Pkt., 5c; ½ pt., 10c; pt., 15c; qt., 25c; pk., \$1.70; bu., \$6.50.

**FIELD BEANS.** See page 35.



Kentucky Wonder or Old Homestead.





## GARDEN BEETS.

A packet contains about 500 seeds and will sow 50 to 100 feet of row.

### ECLIPSE.

A very early globe shaped beet, with small top and thin root. Its skin is a bright red, its flesh of a very fine texture and for quality it is excelled by none. This has always been our favorite in our own garden. **Pkt., 3c; oz., 6c; ¼ lb., 15c; lb., 40c.**

**IMPROVED EARLY EGYPTIAN.** The standard market variety among the earliest beets, color deep red; in form like the Flat Dutch Turnip. Best for forcing and for earliest planting outdoors. **Pkt., 3c; oz., 6c; ¼ lb., 15c; lb., 40c.**

**EDMUND'S EARLY BLOOD TURNIP.** One of the best beets grown. Round in form, of a deep red color. They can be planted closely, as they have a very small top. **Pkt., 3c; oz., 6c; ¼ lb., 15c; lb., 40c.**

**HALF LONG BLOOD.** The best for winter use. The roots are only half as long as the Long Blood, but weigh as much on account of their thickness. Always smooth, crisp and tender. **Pkt., 3c; oz., 6c; ¼ lb., 15c; lb., 40c.**

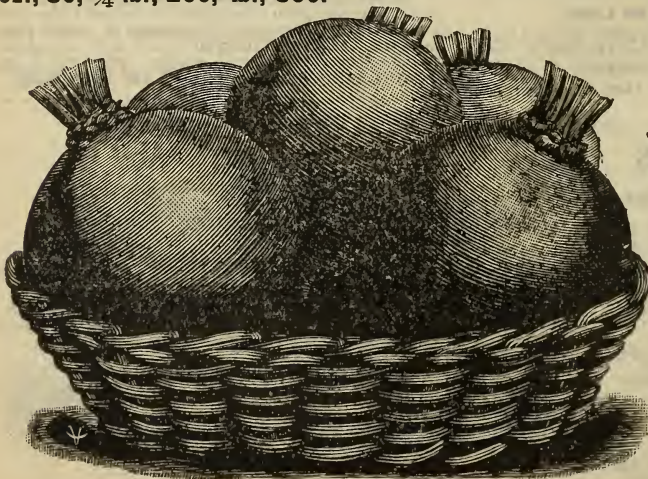
**LONG SMOOTH DARK BLOOD.** A well known winter beet. **Pkt., 3c; oz., 6c; ¼ lb., 15c; lb., 40c.**

Five pounds of any of the above five varieties, \$1.65.

### Detroit Dark Red.

A splendid beet for bunching for market. Tops are very small, roots a perfect turnip shape with small tap roots. Color of skin dark blood red, quality the very best, sweet and tender. One of the best beets for the market gardener. **Pkt., 5c; oz., 8c; ¼ lb., 20c; lb., 50c; 5 lbs., \$1.90.**

**SWISS CHARD BEET.** Much superior to the common beet for greens. Grows very fast and is soon ready for use. Later in the season the large leaf stems can be cooked like asparagus or made into pickles. Of no value as a beet, however. **Pkt., 5c; oz., 8c; ¼ lb., 20c; lb., 50c.**



CROSBY'S EGYPTIAN.

### Crosby's Egyptian.

Earliest Beet in the Market.

A selection from Early Egyptian, which is the standard extra early market beet. It retains the earliness of its parent but has a more desirable shape, being rounder. Deepest red in color, being almost black and of even better quality than Egyptian. Its extreme earliness, fine color and shape and superior quality make it altogether the most desirable of all beets.

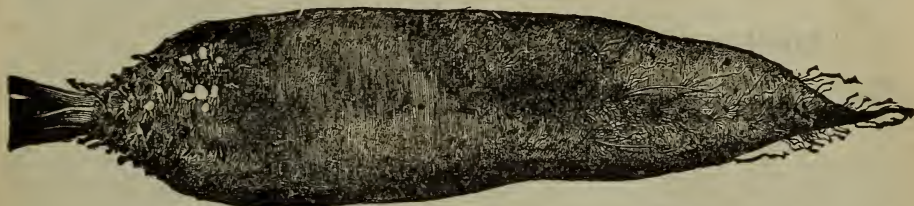
**Pkt., 5c; oz., 8c; ¼ lb., 20c; lb., 50c; 5 lbs., \$2.00.**





### CRIMSON GLOBE---NEW.

A new variety of great merit. Described by Burpee as "a second-early or main-crop beet, with rich colored flesh of **superb quality.**" Medium in size, slightly oblong, entirely free from fibrous roots. When washed for market they have the appearance of **highly polished dark-red balls.** Flesh a deep purplish crimson, remarkably sweet and tender. Burpee says: "One of the very finest and most throughbred beets." **Pkt., 7c; oz., 12c; ¼ lb., 25c; lb., 75c.**



Mammoth Long Red Mangel.

### MANGEL WURTZELS.

Prices, all Mangels, oz., 5c; ¼ lb., 10c; lb., 30c; 5 lbs., \$1.15; 10 lbs., \$2.00. If by mail add 8c per lb.

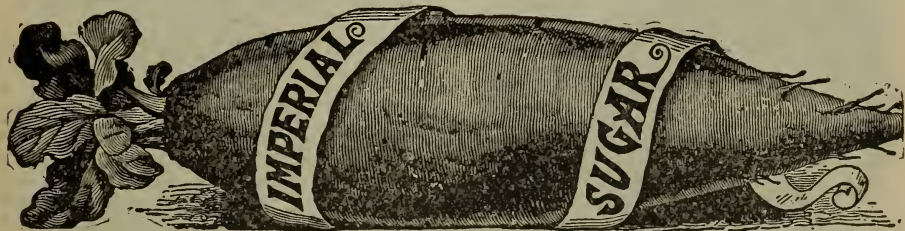
**Mammoth Long Red.** Enormously productive, yielding from 50 to 100 tons to the acre, a single root often weighing from 20 to 30 pounds. They grow well above the ground and are easily pulled. The value of mangels to stock raisers as a cheap feed can hardly be overestimated. Only 4 to 6 pounds of seed are required per acre.

**RED GLOBE.** Valuable for earliness, and smooth, symmetrical shape. Globe shaped, red in color, often 8 inches in diameter.

**Golden Tankard.** The best yellow mangel in cultivation. It contains a larger percentage of sugar than the red mangels. The flesh is of a deep rich yellow color, very nutritious and of great milk producing quality.

**GOLDEN GIANT INTERMEDIATE.** Root ovoid, intermediate between the long and the globe-shaped. Flesh white, firm and sweet, much liked by cattle.

**CHAMPION YELLOW GLOBE.** The best globe-shaped mangel. Larger than Red Globe. The globe mangels are the most easily harvested.



### SUGAR BEETS.

Prices, all Sugar Beets, oz., 5c; ¼ lb., 10c; lb., 30c; 5 lbs., \$1.25. Postage extra.

**VILMORIN'S IMPERIAL.** An improved French variety exceedingly rich, containing usually as high as 16 per cent. of sugar.

**KLEIN WANZLEBEN.** Largely grown for Sugar Beet factories. The root is straight and even, quite large at the top and rapidly tapering. A heavy yielder and rich in sugar.

**LANE'S IMPROVED.** A great favorite with stockmen. Not so rich in sugar as Vilmorin's but larger and more profitable to grow for feeding.



# CABBAGE.

(Pkt. 800 to 1,000 seeds.)

Our Cabbage seed is not excelled by any offered anywhere. One-half pound any variety at pound rates.

## Olds' Select Early Jersey Wakefield.

This is a very choice strain of this well known standard extra early. Grown only from selected heads. It forms very solid heads, good sized, with very few outside leaves. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00.

**EXTRA EARLY EXPRESS.** Burpee says:—"Fully a week ahead of all other varieties in forming marketable heads." Not quite as large or solid as our Select Jersey Wakefield but perhaps a little earlier. Pkt. 3c; oz. 15c;  $\frac{1}{4}$  lb. 45c; lb. \$1.50.

**EARLY WINNINGSTADT.** 10 days later than Early Jersey Wakefield. Heads hard, conical shaped. Famous as a shipping variety. Pkt. 3c; oz. 15c;  $\frac{1}{4}$  lb. 45c; lb. \$1.50.

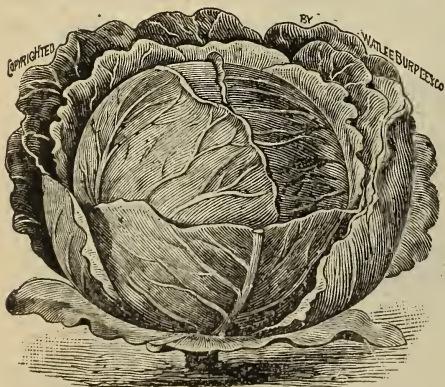
## All-Head Early.

(Burpee's.) Also called "Faultless." Earliest of all large Cabbage and one-third larger than any other early summer Cabbage. The heads are deep, flat and solid, and the most uniform of any variety. Better adapted for an all-the-year-round cabbage than any other, and if one variety only is planted nothing is better for all purposes. On account of its having few outer leaves it can be planted very closely. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00.

**EARLY SUMMER.** (Henderson's.) A great favorite with market gardeners. Pkt. 3c; oz. 15c;  $\frac{1}{4}$  lb. 45c; lb. \$1.60.

**ALL SEASONS.** Good for both early and late. Pkt. 3c; oz. 15c;  $\frac{1}{4}$  lb. 45c; lb. \$1.50.

**PREMIUM FLAT DUTCH.** This is a greatly improved strain of the old favorite cabbage. The Flat Dutch is very largely grown for main crop. Pkt. 3c; oz. 15c;  $\frac{1}{4}$  lb. 45c; lb. \$1.50.



Danish Ball Head.



Olds' Select Early Jersey Wakefield.

## Surehead.

A famous variety introduced by Burpee more than 20 years ago. The heads are large, round but flattened, of the Flat Dutch type, remarkably uniform, hard and firm. It is a good keeper and good shipper and of the finest quality. Hardly any other cabbage equals it for fine quality and reliability in forming solid heads. It is all head and sure to head. Pkt. 5c; oz. 18c;  $\frac{1}{4}$  lb. 50c; lb. \$1.75.

## MAMMOTH ROCK RED.

The best, largest and surest heading of all red cabbages. Heads average 10 pounds in weight. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00.

## Olds' Bridgeport Drumhead.

We offer this as a most select strain of this finest of all Drumheads. Our seed is grown only from the largest and most perfect heads. Bridgeport Drumhead is a standard cabbage for shipping south from the Chicago market. It makes a very large round firm head, which seldom bursts. Pkt. 5c; oz. 18c;  $\frac{1}{4}$  lb. 50c; lb. \$1.75.

**AUTUMN KING or WORLD BEATER.** An extremely large and solid-heading variety. Fine for exhibition purposes. Does best in cool locations. In good soil it produces large flattened heads of enormous size, but of course requires a longer season than most other varieties. Pkt. 5c; oz. 18c;  $\frac{1}{4}$  lb. 50c; lb. \$1.75.

## Danish Ball Head.

(Hollander.)

Genuine Imported seed from Denmark. The best Cabbage for keeping through the winter. The heads, which are perfectly round, are very solid and deep, and of a fine white color, making them different in appearance from any other variety. The quality is superior and it is the best keeper of all cabbage, although not as large as some. Large cabbage growers use this variety now more than any other, and indeed it seems to be supplanting all other late varieties. Our seed is, we believe, the best that can be obtained. There is no need of paying \$4 per pound for Holland Cabbage seed, as some growers do, when you can buy pure, genuine stock of us at half that price. Best Danish grown, pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00. American grown, pkt. 3c; oz. 15c;  $\frac{1}{4}$  lb. 45c; lb. \$1.50.

USE SLUG SHOT FOR CABBAGE WORMS. (See page 71.)



# CARROT.

A packet of Carrot contains 5,000 to 6,000 seeds and will sow over 200 feet of row.

## Early Chantenay.

Very early and most profitable of all early Carrots. Grown five or six inches long, very smooth and of fine quality. Primarily a table carrot, but also profitable for stock as it is easily harvested and very rich.

Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

## Nantes Half Long Scarlet.

A very fine early variety and sweetest of all Carrots. The roots are very smooth, almost cylindrical being stump rooted and about six inches long. Flesh is quite red, almost without a core and very sweet. A good keeper and a most excellent variety.

Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**IMPROVED LONG ORANGE.** A well known popular variety. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 65c.



Oxheart or Guerande.

## OXHEART or GUERANDE.

### Best All-Around Carrot.

A very thick carrot, 5 inches long and nearly as broad and very blunt at the lower extremity. It grows very rapidly and the roots sometimes weigh more than a pound. It is not coarse however but of excellent quality. Equally good for table use or stock. Most farmers want to plant only one variety and they want something that can be harvested easily. Here we have it.

Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c; 5 lbs., \$3.00.

**HALF LONG DANVERS.** Stump rooted and a great producer. Easily harvested and a favorite, both for table use and stock.

Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 65c; 5 lbs., \$2.75.

### Olds' Select Danvers.

Selected from the very finest roots, even in size and color. Very smooth, of best quality and heaviest cropper. Pkt., 7c; oz., 12c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25.

## CARROTS GROWN FOR STOCK ONLY.

**LARGE WHITE BELGIAN.** Enormously productive. Grows one-third out of the ground.

Pkt., 3c; oz., 8c;  $\frac{1}{4}$  lb., 18c; lb., 50c; 5 lbs., (enough for one acre) \$2.00.

**LONG ORANGE BELGIAN.** The same as White Belgian except in color. Same price.

**IMPROVED SHORT WHITE.** Pure white. Very smooth and straight, and tapers regularly to the point. A great yielder, and easily harvested. Price, same as the Belgians.



Early Chantenay.



Field of Danish Ballhead Cabbage.



**CAULIFLOWER.** { Pkt. 200 to }  
 { 300 seeds. }

There is perhaps no seed that the market gardener is as particular about as Cauliflower seed. Good seed is always high priced and always will be. It is the poorest kind of policy to buy poor seed of any kind but especially so of Cauliflower, and Cauliflower seed that is offered cheap is sure to be poor. Either it will not grow or was not carefully selected. Beware of such seed. Our Cauliflower seed is grown in Denmark and is the very best that we can buy. No one has any better.

**EARLY SNOWBALL.** By far the most popular Cauliflower and doubtless the best. It is now the standard variety the country over. Very early and hardy, and surest to make a solid compact head. Good for either family use or market. Pkt., 10c; ¼ oz., 50c; oz., \$1.75.

**LARGE ERFURT.** Best for winter. About two weeks later than Early Snowball. Equally choice seed. We have no cheap Cauliflower seed. Pkt., 10c; ¼ oz., 50c; oz., \$1.75.



White Plume Celery. Self Blanching.

**CELERY.** { Pkt. 5000 to }  
 { 6000 seeds. }

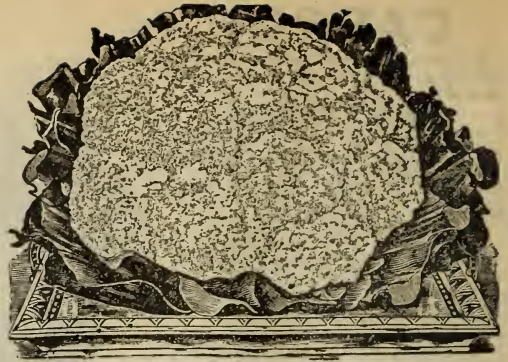
**WHITE PLUME.** The earliest Celery known. A great favorite. Its stalks are naturally white so that the work of blanching is accomplished by simply drawing them together. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

**GOLDEN SELF BLANCHING.** The leading early variety now in all markets. Stalks are broader and heavier than those of White Plume and much superior in quality while it is only a little later. Our seed is French grown and costs more than American grown. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$3.25.

**ROSE-RIBBED SELF BLANCHING.** A superb new variety, a sport from Golden Self Blanching. The stalks are a beautiful light golden yellow streaked with pink. It is unequaled in flavor, is easily grown and a splendid keeper. For beauty and for quality it stands unrivaled. Pkt., 7c; oz., 25c; ¼ lb., 75c; lb., \$2.50.

**GIANT PASCAL.** Best for fall and winter use. Stalks are very large, solid, crisp and of a rich nutty flavor. It blanches quickly and it retains its freshness a long time after being marketed. Pkt., 5c; oz., 13c; ¼ lb., 35c; lb., \$1.25.

**DWARF GOLDEN HEART.** A standard variety and very largely grown for market. Pkt., 5c; oz., 13c; ¼ lb., 35c; lb., \$1.25.



Early Snowball Cauliflower.

**CUCUMBER.**

(Pkt. 200 to 300 seeds.)

Cucumber seed is very high again owing to the general failure in the crop.

**Improved Chicago Pickle.**

One of the very best varieties for pickles. Used almost exclusively by the factories about Chicago. It is of medium length, pointed at both ends, color deep green, begins to set its fruit when the vines are quite young. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$1.65.

**EARLY FRAME.** An old and popular variety, bearing fruit of good size and very productive. Excellent for pickles. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

**JAPANESE CLIMBING.** The vines grow very fast and throw out tendrils that cling readily to trellises, fences or other supports. A very abundant bearer of large dark green cucumbers. Pkt., 7c; oz., 25c; ¼ lb., 60c; lb., \$2.25.

**Arlington White Spine.**

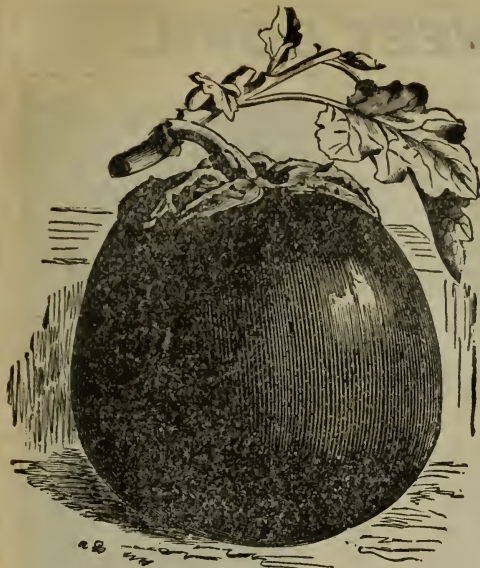
A fine strain of the well known White Spine. Largest, most symmetrical and handsomest of all cucumbers. Rich dark green in color, very straight and very productive. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

**COOL AND CRISP.** A strain of White Spine, but longer. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.90.

**IMPROVED LONG GREEN.** Well known and a favorite. Pkt., 5c; oz., 15c; ¼ lb., 60c; lb., \$1.90.







Improved New York Egg Plant.

## CRESS.

**Curled Garden.** The best variety. Every one should sow a little for early spring use to go with lettuce. Pkt., 3c; oz., 6c; ¼ lb., 15c; lb., 50c.

## EGG PLANT.

**NEW YORK IMPROVED.** Very large, smooth and spineless. The favorite variety throughout the whole country. We have a very choice strain. Pkt., 10c; oz., 35c; ¼ lb., \$1.00.

## ENDIVE.

**GREEN CURLED.** A refreshing salad. Sow seed June to August. Can be used all through the fall and winter. Pkt., 5c; oz., 10c; ¼ lb., 30c.

## COURDS.

Price, any variety, or a mixture of all, pkt., 5c; oz., 12c; ¼ lb., 35c; lb., \$1.25.

**JAPANESE NEST EGG.** Exactly resembling hens' eggs in color, form and size. They do not crack and are not easily injured by cold or wet.

**ORANGE.** The size and shape of an orange. Very ornamental.

**SUGAR TROUGH.** Useful for many household purposes. They grow to a large size and have hard, durable shells.

**DIPPER.** This makes a very useful dipper.

**MIXED.** All the above varieties.

## Sweet and Medicinal Herbs.

Any of the following, pkt., 5c; oz., 15c.

**ANISE.** For garnishing and for seasoning soups, salads, etc.

**BALM.** Used principally for balm tea.

**BORAGE.** Leaves used in salads. Flowers are excellent for bees.

**CARAWAY.** Chiefly cultivated for the seeds, which are fine for flavoring.

**DILL.** Used in pickles and for flavoring soups and sauces.

**HOREHOUND.** For medicinal purposes and in making candy and cough remedies.

**ROSEMARY.** Used for seasoning soups, etc.

**SAGE.** The most extensively used of all herbs for seasoning and dressing.

**SUMMER SAVORY.** For flavoring.

**SWEET MARJORAM.** Leaves and ends of the shoots much esteemed for seasoning.

**THYME.** Used for soups, salads, etc.

**WORMWOOD.** Very valuable for poultry. Plant in poultry yards.

**KALE or BORECOLE DWARF GERMAN.** Very hardy, with dark green leaves. Like parsnips it is improved by frost. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.

**KOHL RABI (Turnip Cabbage) EARLY WHITE VIENNA.** Probably the best variety. Early and tender. In flavor as in appearance, it resembles both the turnip and the cabbage, but milder than either. Pkt., 5c; oz., 15c; ¼ lb., 50c.

**LEEK AMERICAN FLAG.** Most popular variety. Leeks are valuable for soups and salads; also they may be sliced and cooked like green peas. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

## LETTUCE. Pkt., 2,500 Seeds.

**BLACK SEEDED SIMPSON** Probably the most popular early Lettuce. More largely grown by Chicago market gardeners than any other. It is a curled variety, leaves large, thin and tender. The best for hotbed, as well as early planting outdoors. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c.

## New Morse.

A careful selection from Black Seeded Simpson. Very fine both for early spring and for later use, and equally desirable for growing under glass or outdoors. Leaves beautifully wrinkled and of brilliant green color. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

## Grand Rapids Forcing.

Another early curled variety, the best for shipping. It will stand more neglect than the Black Seeded Simpson. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

## Iceberg.

Large curly leaves which hold the dew and give a crystalline appearance; hence the name. Always crisp and tender. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

## Denver Market.

An early variety of head lettuce. Very popular and worthy. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

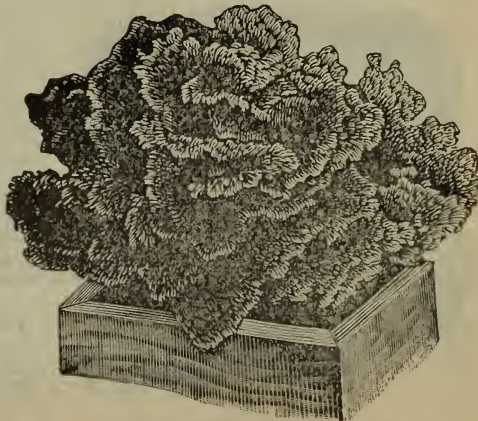
## Deacon or San Francisco Market.

A large solid headed variety, fine for either market or family use. Later than most others. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

**WHITE CABBAGE.** Pkt., 3c; oz., 8c; ¼ lb., 25c; lb., 75c.

## Improved Hanson.

A well known variety. Pkt., 3c; oz., 8c; ¼ lb., 25c; lb., 80c.



Black Seeded Simpson Lettuce.

# SELECT SWEET CORN.

A packet of Sweet Corn contains 2 ounces and will plant 60 hills.

Add 6c per pt., 12c per qt. to prices quoted if wanted by mail. Half pecks and half bushels at peck and bushel rates.

The Sweet Corn crop is again short this year and choice seed is scarce and high. In fact at the time this catalogue goes to press conditions seem worse than a year ago. We think however that the germination will be higher. Last year all Sweet Corn was not only scarce but grew very unsatisfactorily also. We have tested a part of our corn at this writing and it makes a high test, over 90 per cent. We shall make frequent tests as the season advances and will under no consideration send out corn that does not make what we call a satisfactory germination test.

We are fortunate in having a good large stock of all varieties as we contracted for much more than we really needed. Bushel prices are subject to change. If you want to buy in bushel lots write for revised prices as the season advances. Wholesale prices are very high at this writing, but they may be lower.

## PEEP O'DAY.

**New. Extra Early.** Described as the "Earliest on Earth." Originated in Minnesota. Five inches long, perfectly formed, well filled. Tender and sweet. A splendid thing for first early  
Pkt., 7c; pt., 15c; qt., 25c; pk., \$1.75; bu., \$6.50.

W. F. Brown, Scotland, Conn., writes Aug. 28, 1903: "A word about Peep O'Day Sweet Corn. You do not give it half praise enough. It is the earliest sweet corn I have ever had. I picked the first corn fully one month before anybody had it silked. It is marvelous! I had it beside Burpee's Bantam, First of All, Cory, Hammond's First in Market. It beat them all fully three weeks."

## METROPOLITAN.

(Henderson's.) A new early sort; only a little later than Cory and a good sized corn. Ears about 9 inches long, 10 to 12 rowed, well filled with large deep kernels, and very sweet and tender. In fact, its excellent quality is its strong point.

Pkt., 5c; pt., 12c; qt., 20c; pk., \$1.50; bu., \$5.50.

## EARLY MINNESOTA.

A standard early variety, well known everywhere. Eight-rowed, of dwarf growth. Between Cory and Early Champion in season.

Pkt., 5c; pt., 12c; qt., 20c; pk., \$1.35; bu., \$5.00.

## CROSBY'S EARLY.

A favorite with canners. Quite early and of best flavor.

Pkt., 5c; pt., 12c; qt., 20c; pk., \$1.50; bu., \$5.50.

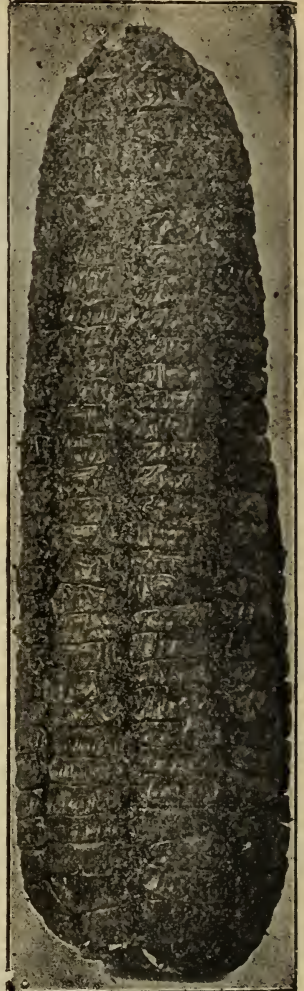
## BLACK MEXICAN.

Sweetest of all Varieties. A favorite wherever known because of its remarkable sweetness. It is a medium early variety growing about six feet high with fine ears 6 to 8 inches in length, well filled with 8 rows of rather large flat grains of a deep bluish purple color. We have a large choice stock of this variety.

Pkt., 5c; pt., 12c; qt., 20c; pk., \$1.35; bu., \$5.00.



Early Evergreen.



Peep O'Day, "Earliest on Earth."

## EARLY EVERGREEN.

Like Stowell's Evergreen but 10 days earlier. Ears are large, about 8 inches long and 12 to 16 rowed and identical in flavor with the famous Stowell's Evergreen. It remains green a remarkably long time, the kernels retaining the same sweetness and tenderness so characteristic of Stowell's Evergreen. This new variety is indispensable to the market gardener as a succession to the second earliest. Equally desirable for the home garden. Two plantings will cover the entire season.

Pkt., 5c; pt., 15c; qt., 25c; pk., \$1.75; bu., \$6.50.

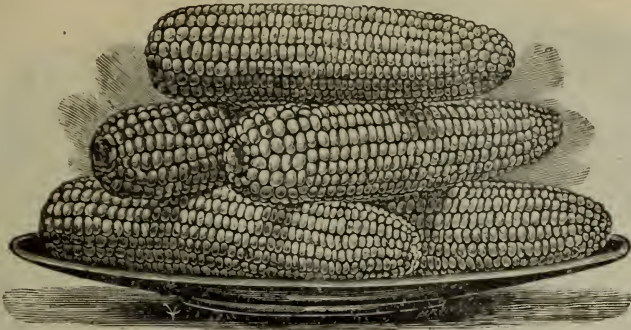
## COUNTRY GENTLEMAN.

One of the sweetest of all varieties, and one of the most productive, each stalk producing from 3 to 5 ears. Kernels are very deep and cob small. Season medium. Crop of seed very short.

Pkt., 5c; pt., 15c; qt., 25c; pk., \$1.90; bu., \$7.50.



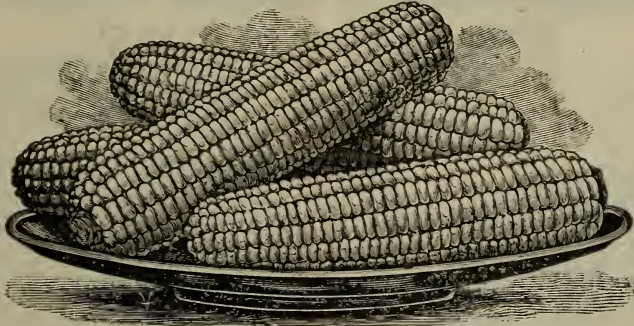
## THREE FINE ONES FOR A SUCCESSION.



### MAMMOTH WHITE CORY.

Our earliest variety with the exception of Peep O'Day. It is large but not mammoth. The name "mammoth" should not have been given to it as it indicates something **very** large. Mammoth White Cory is no later than the old Cory, so famous as the standard extra early, but is 12-rowed instead of 8-rowed and the ears are quite good sized which makes it a much more valuable variety. The grain is large, broad, pure white and of excellent quality for an extra early.

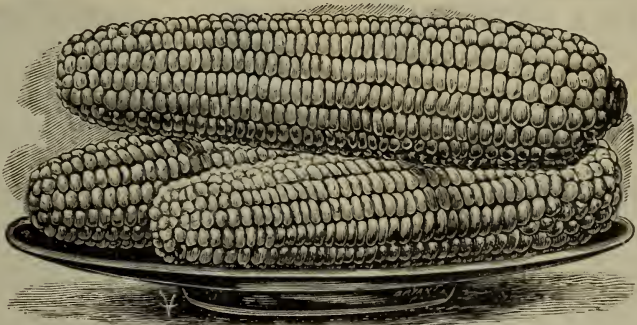
**Pkt., 5c; pt., 12c; qt., 20c; pk., \$1.50; bu., \$5.50.**



### EARLY CHAMPION.

**The Earliest Large Sweet Corn.** Produces ears twelve inches long in sixty days. Only a few days later than the small early sorts, and ears nearly as large as the largest late sorts. Kernels are pure white with white cob; very sweet and tender and full of milk. If you want but one variety for both early and late, for table use and for stock, plant Early Champion.

**Pkt., 5c; pt., 12c; qt., 20c; pk., \$1.35; bu., \$5.00.**



### STOWELL'S EVERGREEN.

**The best late sweet corn for any purpose.** Well known and very popular everywhere. It is very large eared, very hardy and productive, sweet and tender, and remains a long time in suitable condition for cooking. Our seed is very carefully selected for large ear and deep kernel.

**Pkt., 5c; pt., 15c; qt., 25c; pk., \$1.60; bu., \$6.25.**

**FODDER EVERGREEN.** See page 23.



Pkt., 200 to  
300 Seeds.

# MUSK MELON

If wanted by mail,  
add 8c per lb.



## PAUL ROSE or PETOSKEY.

Combines the sweetness of the Osage with the fine netting and shipping qualities and extreme earliness of the Gem, being a cross of the two varieties. The melons are very uniform in shape and size, averaging about 5 inches in diameter, a half bushel basket holding 16 melons as shown in the illustration. The flesh is red or salmon colored and **exceedingly sweet** and highly flavored, with a very small seed cavity. We pronounce it superior in sweetness and quality to all others.

Pkt., 7c; oz., 12c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00.

## NETTED GEM---BURPEE'S.

First introduced in 1881 and now the most famous of all musk melons. Very early, nearly round in shape, quite uniform in size, weighing from  $1\frac{1}{4}$  to  $1\frac{1}{2}$  pounds, skin light green, regularly ribbed and heavily netted, turning to golden yellow when ripe. Flesh a light green color, firm but melting, of uniformly fine flavor.

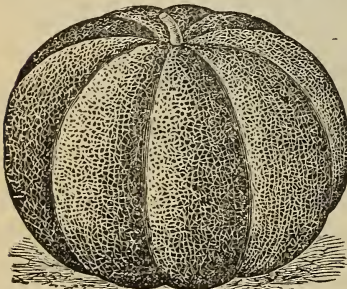
Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., 85c.

**ROCKY FORD.** The great Colorado shipping melon. It is an oval type of Netted Gem. Flesh is thick, green and very sweet. Our stock is Colorado grown and is select, being grown by seed growers and not by ordinary melon growers.

Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., 85c.

**CHAMPION MARKET.** (Burpee's.) As early as Netted Gem, which it resembles in shape and appearance, but **three times as large**. Very prolific and a good shipper. Crop about a failure.

Pkt., 7c; oz., 15c;  $\frac{1}{4}$  lb., 45c; lb., \$1.50.



Extra Early Hackensack.

## EXTRA EARLY HACKENSACK.

Best for a main market variety. A selection of the old Hackensack, but **fully ten days earlier and larger**. Average weight, 4 to 10 lbs. Flesh light green, of excellent flavor. Those who grow for market should remember that it is one of the **best as well as earliest**, hardest and most prolific of Netted Musk Melons.

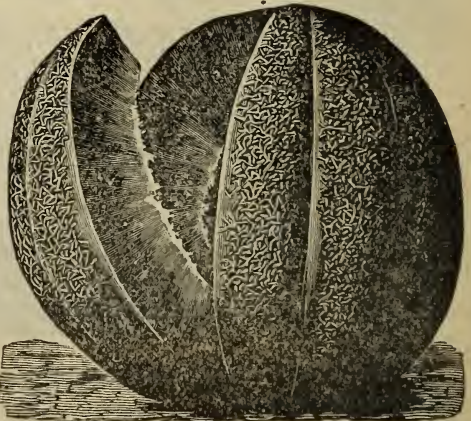
Pkt., 5c; oz., 12c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00.

## OSAGE.

Extra for High Quality.

A comparatively new variety but already very popular. We call it the best of all for the home garden, and for fine quality. The shape is pointed oval, or egg shaped, skin slightly netted, with very thick, salmon colored flesh. Osage and Paul Rose are somewhat similar in color and general appearance. Osage is larger than Paul Rose but not as early. This style of melon is not as popular yet in market as the Netted Gem style because the outside skin is not considered as attractive, the skin being nearly smooth and green even when ripe.

Pkt., 7c; oz., 12c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00.



Osage.

## MONTREAL NUTMEG

A very large late variety of superior quality. Dark green skin heavily netted. Seed scarce. Pkt., 7c; oz., 15c;  $\frac{1}{4}$  lb., 45c.



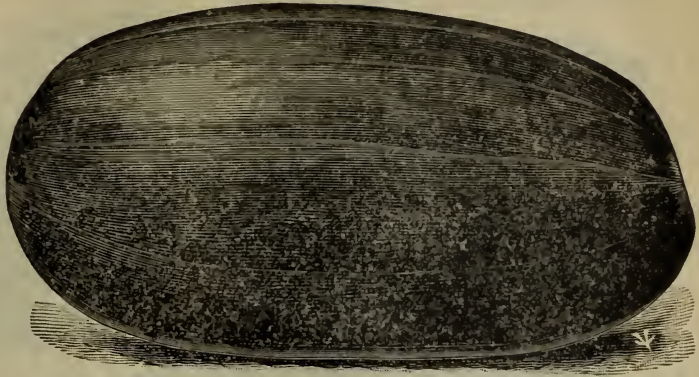
# WATERMELONS.

IF WANTED BY MAIL  
ADD FOR POSTAGE.

## KLECKLEY SWEETS. NEW.

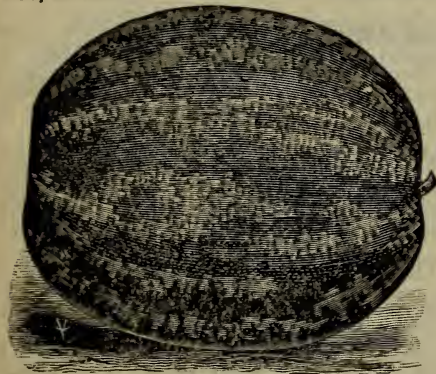
The finest of all Water Melons for home use, or nearby markets. The skin is a rich, dark green, while the flesh is bright scarlet, ripening close to the skin, the rind being only about  $\frac{1}{2}$  in. in thickness. The rich coloring of the flesh, together with its luscious sweetness combine to make it the finest table melon now in cultivation.

Pkt., 7c; oz., 12c;  $\frac{1}{4}$  lb., 30c; lb., 90c.



Kleckley Sweets Water Melon, Finest of All.

**FORDHOOK EARLY.** The earliest large melon and best good sized early. Ripens nearly as soon as Cole's Early and much larger. Nearly round in shape, skin dark green with occasional stripes, flesh bright red and sweet; rind thin but tough, making it a good shipper. Pkt., 7c; oz., 12c;  $\frac{1}{4}$  lb., 30c; lb. 85c.



Cole's Early.

**COLE'S EARLY.** The best early melon for family use and home market. It is extremely early and has very sweet and delicately tender flesh, but the rind is too thin and brittle for shipping. Pkt., 5c; oz., 8c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**SWEET HEART.** This new variety is becoming very popular. Large oval, very heavy, mottled, rind thin but firm, flesh bright red, solid but very tender, melting and sweet. Best for shipping to distant markets. Pkt., 5c; oz., 8c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**WONDERFUL SUCAR.** (McIver's.) No doubt the sweetest of all melons, without a single exception. Oblong in shape, uniformly large, mottled, very handsome in appearance, with thick solid heart, juicy and of luscious sweetness. Pkt., 5c; oz., 8c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**TRUE ICE CREAM.** A standard home melon. Early, very sweet, good sized and very productive. Pkt., 3c; oz., 6c;  $\frac{1}{4}$  lb., 15c; lb., 50c.

**BLACK DIAMOND.** (Vaughans') A famous new shipping melon, claimed to be "the most prolific water melon ever planted." It is a cross of Kolb's Gem and Hoosier King. Grows to an extremely large size, often weighing 75 to 90 pounds. Very symmetrical in shape, of a rich dark green color, almost black. Pkt., 7c; oz., 12c;  $\frac{1}{4}$  lb., 30c; lb., 85c.

**GIRARDEAU'S TRIUMPH.** Another new variety of enormous size. A cross of Kolb's Gem and Duke Jones. It has the shipping qualities of the former with the handsome appearance of the latter. It is early, immensely prolific and very sweet. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 65c.

**MONTE CRISTO.** A splendid new melon very similar to Kleckley Sweets. Some say it is identical with Kleckley Sweets. Certainly it is a good one. Grows very large and of delicate flavor. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**JONES' JUMBO.** Best shipper, ahead of Kolb's Gem. Pkt., 3c; oz., 5c;  $\frac{1}{4}$  lb., 15c; lb., 50c.

**SEMINOLE.** Pkt., 3c; oz., 5c;  $\frac{1}{4}$  lb., 15c; lb., 50c.

**DIXIE.** Pkt., 3c; oz., 5c;  $\frac{1}{4}$  lb., 15c; lb., 50c.

**KOLB'S GEM.** Pkt., 3c; oz., 5c;  $\frac{1}{4}$  lb., 15c; lb., 50c.



Sweet Heart.

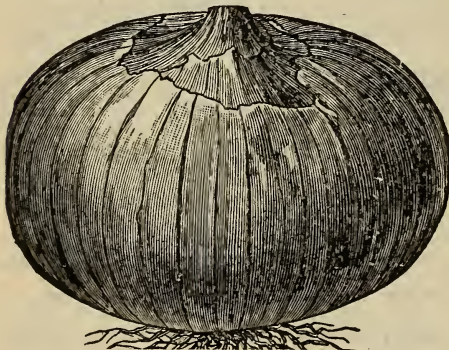


Note Our **FRESH ONION SEED.** One Pkt. Contains Low Prices Over 1000 Seeds  
 Our Onion Seed is equal to the best offered. Buy of us and save money.



**PRIZETAKER.** The Genuine. A very large handsome, yellow onion. Only a few years old, but very famous. An excellent keeper, of finest flavor, of a good shape and of enormous size. Single onions have been raised to weigh 5 lbs. Pkt., 5c; oz., 12c; ¼ lb., 30c; lb., 85c; 5 lbs., \$4.00.

**MAMMOTH SILVER KING.** One of the largest in cultivation, averaging from 15 to 22 inches in circumference. It matures early, is uniform in size and fine shaped, being flat, but thick. Skin a beautiful silver white. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50.



LARGE RED WETHERSFIELD.

**LARGE RED WETHERSFIELD.**

The standard red onion. Of large size, skin deep purplish red, form round, somewhat flattened. As high as 600 to 800 bushels have been grown on an acre. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.50.

**SOUTHPORT LARGE RED GLOBE.** Preferred by many growers to Red Wethersfield. It is almost perfectly round with small neck, and of handsome color. Pkt., 5c; oz., 12c; ¼ lb., 30c; lb., \$1.00; 5 lbs., \$4.75.

**AUSTRALIAN BROWN.** (Burpee's.) Extremely early in ripening, and will keep in good condition longer than any other onion known. The color of the skin is a clear amber-brown. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

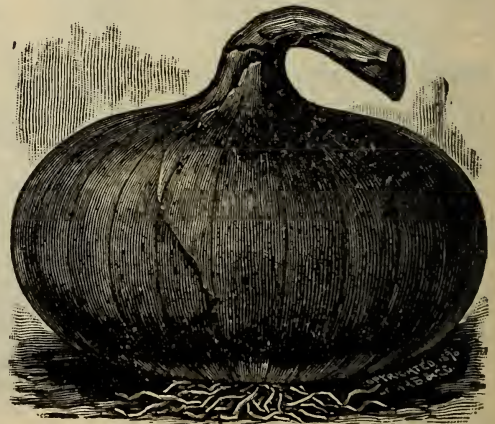
**WHITE PORTUGAL or SILVER SKIN.** Very early, mild flavored, flattened in shape. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50.

**WHITE GLOBE.** Round, pure white. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50.

**YELLOW GLOBE DANVERS.** This is a standard onion, perhaps more largely grown than any other. Large, globe shaped, fine looking and very productive. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 70c; 5 lbs., \$3.25.

**YELLOW DANVERS FLAT.** A fine productive variety of medium size. Skin, copper yellow, flesh white and of mild flavor. Earlier than the Globe. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 65c.

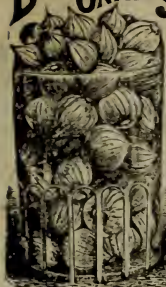
**YELLOW STRASBURG.** Also called Dutch. This variety grows rather larger than Yellow Danvers, and is of a darker richer color. It is quite early and a splendid keeper. Largely used for sets. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 65c.



Australian Brown. Best Late Keeper.



**BOTTOM ONION SETS**



**White Multiplier.**



**CHOICE ONION SETS.**

If by mail add 8c per quart. Bushel prices subject to market changes.

	Ft.	Qt.	½ Pk.	Pk.	Bu.
White Bottom.....	10c	15c	40c	\$0.65	\$2.25
Yellow Bottom.....	10c	15c	35c	.60	2.00
Red Bottom.....	10c	15c	40c	.65	2.15
Yellow Top (Improved).....	12c	20c	50c	.85	3.25
Egyptian or Perennial.....	8c	12c	25c	.40	1.25
White Multiplier.....	8c	20c	50c	.75	2.75

Bottom Sets are grown from seed and are the most used for early and for large onions. Top Sets are the old fashioned sets still much called for in some sections. Egyptian or Perennial may be set either in spring or fall. They come up year after year without any protection and furnish the earliest onions. White Multipliers are fine for bunching green, or can be ripened for pickling. They are enormously productive, sometimes 20 bulbs being in a single cluster. Becoming very popular

**PARSLEY.**

**CHAMPION MOSS CURLD.** Compact grower with dense foliage of a bright green color. Very hardy and a great favorite. Pkt., 5c; oz., 8c; ¼ lb., 20c; lb., 50c.

**PARSNIP.**

Price, either variety, Pkt., 3c; oz., 5c; ¼ lb., 12c; lb., 35c; 5 lbs., \$1.25.

**HOLLOW CROWN.** (Abbott's Improved.) Smooth, large, tender and sweet. Standard variety.

**IMPROVED GUERNSEY.** Not as long as Hollow Crown, but larger in diameter and more easily harvested.

**PEPPER. 500 Seeds.**

Price, all varieties, pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$1.75.

**LARGE SWEET MOUNTAIN.** A strong grower, very productive and of excellent quality. The peppers when young are a bright green color, and when ripe a beautiful red. They often grow six inches long by four inches through.

**RUBY KING.** Well known and most popular of all large red peppers. Earlier than others. Mild and sweet.

**LONG RED CAYENNE.** Small and hot. The best for pickles. Long, slim and pointed, of a bright red color.



Sweet Mountain Pepper.

How do you like the back cover of our catalogue? If you like it, say so. Say so by sending us 50 cents for the 15 vegetables and cake of Sulpho Tobacco Soap. You will find this as satisfactory a collection for the money as you ever received.

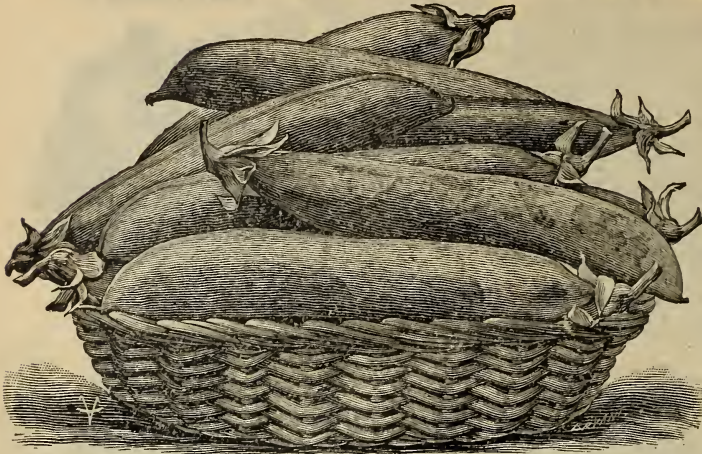


Pkts. contain  
2 ounces each.

# GARDEN PEAS.

If to go by mail, add  
8c per pt., 15c per qt.

Half pecks and half bushels at peck and bushel prices.



**Gradus or Prosperity.**

## EXTRA EARLY PEAS.

**GRADUS.** A very famous new pea. Extra early and in fact the **earliest large podded pea** in cultivation. Grows 3 feet high, produces uniformly large pods, well filled. Quality superior, with most delicious flavor. **Pkt., 7c; pt., 20c; qt., 35c; pk., \$2.65; bu., \$10.00.**

**AMERICAN WONDER.** Well known everywhere as the standard for earliest and dwarfest wrinkled peas. In our tests we find nothing quite as early or quite as dwarf. 6 to 12 inches high. **Pkt., 5c; pt., 15c; qt., 25c; pk., \$1.65; bu., \$6.25.**

**ALASKA, or Earliest of All.** We know as the standard for very early small round peas. Largely used by canning factories. Grows 2 to 2½ feet high and matures practically the entire crop at one time. **Pkt., 5c; pt., 10c; qt., 15c; pk., \$1.00; bu., \$3.50.**

**MAUD S.** Profitable extra early for the gardener. **Pkt., 5c; pt., 10c; qt., 15c; pk., \$1.10; bu., \$4.00.**

## EXTRA EARLY PREMIUM GEM.

A dwarf wrinkled pea, an improvement on the famous Little Gem. Extra quality. It is a trifle later than American Wonder and grows a very little larger, but does not require any support. **Pkt., 5c; pt., 12c; qt., 20c; pk., \$1.50; bu., \$5.50.**

**McLEAN'S LITTLE GEM.** Very popular. A standard among early peas for quality. **Pkt., 5c; pt., 12c; qt., 20c; pk., \$1.50; bu., \$5.50.**

## NOTT'S EXCELSIOR.

The best early dwarf pea in cultivation, all things considered. Very popular now all over the country. Height 15 inches. In quality equal to Premium Gem. It outyields that variety and American Wonder 20 to 30 per cent, the pods being a third longer. Pods well filled and peas very tender and sweet. **Pkt., 5c; pt., 15c; qt., 25c; pk., \$1.75; bu., \$6.75.**

## SURPRISE.

(New) Earliest of all Wrinkled Peas. This remarkable new variety is a cross of Alaska and American Wonder. It possesses the quality of the latter and is as early as the earliest small round peas. The peas are not as large as those of American Wonder but it is a far better cropper and earlier. Vines grow 24 inches high but need no bushing. **Pkt., 7c; pt., 15c; qt., 25c; pk., \$1.60; bu., \$6.00.**

## MAIN CROP VARIETIES.

**HEROINE.** The very best second early. It grows about 2½ feet high, bears profusely and is of finest quality. **Pkt., 5c; pt., 12c; qt., 20c; pk., \$1.20; bu., \$4.50.**

**TELEPHONE.** A late variety famous with market gardeners. Vines and leaves are large, pods large and straight, well filled with large tender peas of excellent quality. **Pkt., 5c; pt., 12c; qt., 20c; pk., \$1.30; bu., \$5.00.**

**IMPROVED STRATEGEM.** The best of all the large-podded late peas. Pods are of immense size filled with large dark green peas of finest quality. **Pkt., 5c; pt., 12c; qt., 20c; pk., \$1.30; bu., \$5.00.**

**CHAMPION OF ENGLAND.** A standard late pea for both market and home use. 5 feet high. **Pkt., 5c; pt., 10c; qt., 15c; pk., \$1.00; bu., \$3.50.**

**BLACK-EYED MARROWFAT.** The Marrowfats are great bearers and are standard late market varieties, but not so good in quality. **Pkt., 5c; pt., 8c; qt., 12c; pk., 75c; bu., \$2.75.**

**WHITE MARROWFAT.** Same in price as Black-Eyed Marrowfat.

**FIELD PEAS.** See page 33.

All our peas are wrinkled varieties except Alaska, Maud S. and the Marrowfats. The smooth peas are inferior in quality.



**Nott's Excelsior.**





Photograph of Field of Large Yellow Pumpkins Sent us by Our Growers of this Variety.

## PUMPKIN.

### LARGE YELLOW.

The standard pumpkin. Also called Connecticut Field. Good for either stock or table use. No farmer should fail to plant a good lot of pumpkin seeds with corn. Pkt., 3c; oz., 5c; ¼ lb., 10c; lb., 25c; 5 lbs., \$1.00.

**SMALL SUGAR, or YANKEE PIE.** This is the noted New England pie pumpkin. Sweetest of all varieties. It resembles Large Yellow but is much smaller. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 45c.

**KING OF THE MAMMOTHS.** The largest of all pumpkins. The flesh and skin are both bright yellow and quality excellent considering the size. Has been grown to weigh 200 pounds. Pkt., 5c; oz., 12c; ¼ lb., 35c; lb., \$1.25.

**CALHOUN.** A rather small pie pumpkin of extra quality. Skin is cream colored, flesh salmon. Shape flattened. Pkt., 5c; oz., 10c; ¼ lb., 75c.

**WINTER LUXURY.** A new variety pronounced by many the best pie pumpkin grown. Medium in size, of a rich golden color, finely netted like a musk melon. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 85c.



Yankee Pie, or Sugar Pumpkin.



Mammoth Sandwich Island Salsify.

### SALSIFY--Vegetable Oyster.

Pkt. Over 400 Seeds.

**MAMMOTH SANDWICH ISLAND.** The most popular variety and undoubtedly the best. The roots grow to a uniformly extra large size, but notwithstanding their large size are smooth and of superior quality. Salsify ought to be more largely grown. The roots are very nutritious and they make a delicious winter vegetable. When properly cooked it is a good substitute for oysters. Pkt., 5c; oz., 12c; ¼ lb., 35c; lb., \$1.15

**SPINACH**  
5 lbs., \$1.00.

**Extra Large Round Leaf.** A well known standard variety of Spinach. Produces large, thick dark green leaves, somewhat crumpled. Pkt., 3c; oz., 5c; ¼ lb., 10c; lb., 25c;



# BEST VARIETIES RADISH.

Pkt. 1000 Seeds  
or More.

**TRIUMPH.** (New.) A novelty decidedly different from any other Radish. It is very early, being a "Twenty Day" radish; globe shaped, with very short top, making it valuable for forcing. It is also crisp and of mild flavor but its chief value lies in its peculiar color, white background, striped horizontally with bright scarlet, making it very ornamental. Pkt., 7c; oz., 12c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.



Triumph—Scarlet and White.

**Olds' Improved French Breakfast.** Earliest, handsomest, most tender and crisp. Deep, glossy crimson with the white tips well defined. We think it superior to all other radishes. It is what you want. Pkt., 5c; oz., 8c;  $\frac{1}{4}$  lb., 20c; lb., 60c.



Olds' Improved French Breakfast Radish.

**CINCINNATI MARKET.** This is a new early radish of greatest value. The tops are so small that they can be grown much closer even than Long Scarlet Short Top. They grow straight and smooth, and from 6 to 7 inches in length. Skin bright scarlet. Pkt., 5c; oz., 8c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**EARLY LONG SCARLET SHORT TOP.** The standard long early, both for home use and market. Pkt., 3c; oz., 6c;  $\frac{1}{4}$  lb., 15c; lb., 45c.

**IMPROVED CHARTIER.** Perhaps the best all-seasons radish. Crimson rose color two-thirds of its length, gradually shading to white at the tip. Pkt., 5c; oz., 8c;  $\frac{1}{4}$  lb., 18c; lb., 50c.

**WHITE STRASSBURG.** A white variety, large and showy. Pkt., 3c; oz., 6c;  $\frac{1}{4}$  lb., 15c; lb., 45c.

**CHINA ROSE WINTER.** A fine winter radish. White flesh. Pkt., 5c; oz., 8c;  $\frac{1}{4}$  lb., 18c; lb., 50c.

**LONG BLACK SPANISH.** Good keeper, black skin, white flesh. Pkt., 3c; oz., 6c;  $\frac{1}{4}$  lb., 15c; lb., 45c.

**TWENTY DAY** or OLIVE SHAPED DEEP SCARLET. Described as "Quickest of all Red Radishes." The shape of an olive, of deep red color, pure white, crisp flesh. Unexcelled for forcing or early out-door culture. Pkt., 5c; oz., 8c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**EXTRA EARLY SCARLET TURNIP.** A standard small round red variety. Extremely early, smooth and uniform in shape, with brightly colored skin and crisp white flesh. Pkt., 3c; oz., 6c;  $\frac{1}{4}$  lb., 15c; lb., 50c.

**SCARLET TURNIP, WHITE TIP.** A very popular variety and largely grown for market. Small, turnip shaped, with clearly defined white tips. Called also Rosy Gem. Pkt., 3c; oz., 6c;  $\frac{1}{4}$  lb., 15c; lb., 50c.

**EARLY SCARLET GLOBE.** A little larger than Scarlet Turnip, not as flat and of a deeper shade of red. One of the best of all early varieties. Quite largely grown by market gardeners. Pkt., 3c; oz., 6c;  $\frac{1}{4}$  lb., 15c; lb., 50c.

**BRIGHTEST LONG SCARLET.** (New) Handsomest and Earliest Long Radish. This new variety resembles Early Long scarlet Short Top in shape and is fit for use in 25 days after sowing. Its color is the very brightest scarlet of all radishes, with white tails. It outsells any other long radish in market and is a fine sort for the home garden. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 65c.

**ICICLE.** (New.) Best Early Long White. It is named icicle because of its beautiful transparent whiteness. We have found it ahead of all other radishes for crispness and mild flavor and it is most attractive of all on the table. Very early, only a few days later than the small round varieties. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 65c.



New Icicle Radish.

Unlike most seedsmen we quote all bulk garden seeds postage not included, because most of our orders are shipped by freight or express with potatoes and field seeds. When sent this way the transportation charges usually amount to nothing, as quite a large package can be enclosed in a barrel of potatoes or sack of grain without changing the shipping weight. We are specially well prepared to take care of your potato and field seed orders but we want your garden seed orders too. We think you can do better with us than anywhere else. Special prices will be quoted on large lists.



# SUMMER AND WINTER SQUASH.



## DELICIOUS---Gregory's---New.

Surpasses All Others for Quality, Not Excepting Hubbard.

This new variety, originated by Gregory, the veteran squash specialist, was sold for the first time last year, in packets only, at 15 cents each. It is the result of years of crossing, selecting and weeding out, and is declared by the introducers, sustained by scores of testimonials, to be superior to all the fine varieties previously brought forward by them including Hubbard, Marblehead and Golden Bronze. In color the Delicious is almost uniformly a green shade with occasionally a blue specimen. In size it closely follows the original Hubbard, which weighed from 5 to 10 pounds. In thickness of flesh it surpasses nearly every variety, the color being a dark orange. For table use no squash compares with it in fineness of grain, dryness, sweetness and richness of flavor. Declared to be fully equal to other squashes that have had the addition of sugar, eggs and milk and been made into pie. It is a winter squash, but excellent also for fall use. Pkt., 10c; oz., 25c; ¼ lb., 80c; lb., \$2.90.

**MAMMOTH WHITE BUSH.** About as early as the well known Early White Scallop, and much larger, frequently 12 to 14 inches in diameter. Best in shape and most desirable of all summer varieties. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

**GIANT SUMMER CROOKNECK.** A large size of the popular Golden Summer Crookneck. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

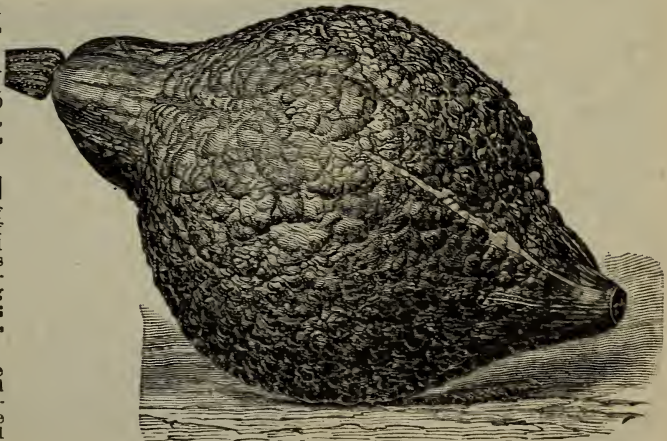
**CHICAGO ORANGE MARROW.** Best fall squash. Earlier than Hubbard and claimed to be just as good in quality. Pkt., 5c; oz., 12c; ¼ lb., 30c; lb., 90c.

**MAMMOTH CHILI.** Largest of all squashes, often attaining a weight of 200 lbs. Skin slightly netted, of a rich orange color. Pkt., 7c; oz., 20c; ¼ lb., 50c.

**Chicago Warty Hubbard.** A strain of Hubbard of unusually large size and very warty, which indicates a hard shell, a very desirable feature in a long keeping squash. Pkt., 5c; oz., 13c; ¼ lb., 35c; lb., \$1.15.

**True Hubbard.** The well known winter squash largely grown everywhere. The standard for quality and as a late keeper. Pkt., 5c; oz., 13c; ¼ lb., 35c; lb., \$1.10.

**Golden Hubbard.** A splendid new variety. Just as productive and even superior in quality to the original Hubbard. The skin is heavily warted, of a rich orange-yellow color turning to salmon red when ripe. We have found this a very desirable squash. Pkt., 5c; oz., 13c; ¼ lb., 35c; lb., \$1.25.



True Hubbard.

# TOMATOES

One Packet Contains  
About 1,000 Seeds.



Photograph of Perfect Specimen of Enormous Crown by Mr. Olds. Weight 22 Ounces.

## Spark's Earliana---New. Earliest Large Tomato.

No variety of recent introduction seems to have attracted more attention than this. Early tomatoes are invariably of small size, but Spark's Earliana is not only very early, but remarkable for its large size. Handsome in shape, of a bright red color and very firm. Pkt., 10c; oz., 35c; ¼ lb., \$1.25; lb., \$4.50.

## Fordhook First---Burpee's.

### Smoothest and Best Extra Early.

We regard this variety as a most satisfactory first early. Fruit of medium size, perfectly smooth and free from cracks, and of finest quality. Pkt., 7c; oz., 25c; ¼ lb., 75c; lb., \$2.75.

**FORDHOOK FANCY** A potato leaved Bush Tomato. Unlike any other variety. Very compact and erect in growth. Pkt., 7c; oz., 25c; ¼ lb., 75c.

**NEW IMPERIAL.** A splendid new early tomato. Not quite as early as Fordhook First, but larger and thicker. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

**ATLANTIC PRIZE.** The largest and best flavored extra early tomato. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

**DWARF CHAMPION.** (Tree Tomato.) Grows a stout upright bush, about 2 feet high. Fruit medium in size. A very desirable variety for forcing. Pkt., 5c; oz., 20c; ¼ lb., 65c.

**BURPEE'S COMBINATION.** An all-around tomato, good for both early and late. Very productive, fruit good sized, smooth and bright red in color. Pkt., 7c; oz., 25c; ¼ lb., 75c.

**NEW STONE.** Best of all for main crop. King of the Livingston sorts, which are the best types of large, smooth, solid tomatoes. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

**PONDEROSA** (Henderson's. Largest of all. Pkt., 7c; oz., 25c; ¼ lb., 85c.

Any of the following: pkt., 3c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

**PERFECTION.** Smooth, handsome.  
**BEAUTY.** Solid. Purplish pink.  
**BUCKEYE STATE.** Large purple.  
**TROPHY.** Very large and solid.

## ENORMOUS---Maule's.

**New.** The largest, smooth bright red tomato. Very large in size, round in form, smooth and solid, and immensely productive. Very highly recommended. Pkt., 7c; oz., 25c; ¼ lb., 70c; lb., \$2.50.

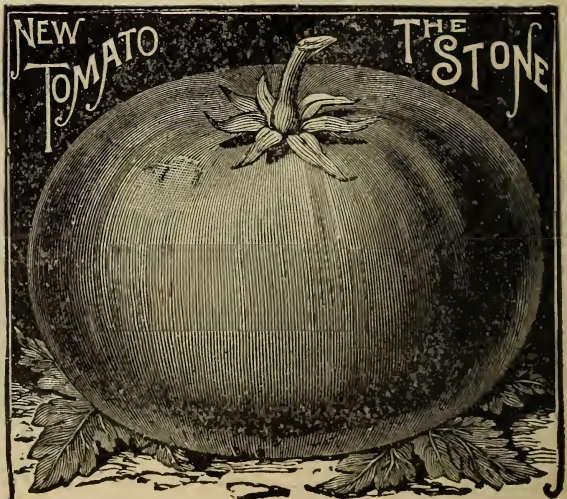
## TRUCKER'S FAVORITE---Burpee's.

### Finest Large Purple Tomato.

This new variety is already becoming very popular. Immensely productive, vines large and strong, fruit of largest size to the very last. Pkt., 7c; oz., 25c; ¼ lb., 75c; lb., \$2.75.

### SMALL FRUITED TOMATOES.

Any of the following, pkt., 5c; oz., 20c; ¼ lb., 60c.  
**PEACH.** Skin covered with bloom like a peach.  
**YELLOW PEAR.** Distinctly pear shaped.  
**YELLOW PLUM.** Fruit averages 2 inches long.  
**RED CHERRY.** Fruit small, but abundant.  
**STRAWBERRY OR WINTER CHERRY.** Husk Tomato. Fine for preserving or for pies.





# TURNIPS AND RUTABAGAS.

Pkt. 3,000  
to 4,000 Seeds.

Prices do not include postage except for packets.

**EXTRA EARLY WHITE MILAN.** Earliest of all Turnips. It grows with wonderful rapidity, is of the finest quality and very handsome. Pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 75c.

**WHITE EGG.** A quick growing egg-shaped, smooth, white variety with small top. Flesh very sweet, firm and mild. Pkt. 5c; oz., 8c; ¼ lb., 15c; 1 lb., 45c.

**EXTRA EARLY RED TOP MILAN.** Two weeks earlier than Purple Top Strap Leaf. Flat, with purple top, Pkt. 5c; oz. 10c; ¼ lb. 20c; 1 lb. 60c.

**PURPLE TOP STRAP LEAF.** An early variety and a great favorite for table use. Flat in shape, purple above ground, white below. Pkt., 3c; oz. 5c; ¼ lb. 12c; 1 lb. 35c; 5 lbs. \$1.50.

**PURPLE TOP WHITE GLOBE.** A variety of the Purple Top Strap Leaf. Globe shaped instead of flat. Price, same.

**WHITE FLAT DUTCH.** Medium size, flat, color white. Pkt. 3c; oz. 5c; ¼ lb., 12c; 1 lb. 35c.

**POMERANIAN WHITE GLOBE.** One of the most productive. In good soil the roots often grow to 12 lbs. in weight. Pkt., 3c; oz., 5c; ¼ lb., 12c; 1 lb., 35c.

**LAING'S IMPROVED RUTABAGA.** An early rutabaga with purple top. Pkt. 3c; oz. 5c; ¼ lb. 12c; 1 lb. 35c.



White Flat Dutch and Purple Top Strap Leaf Turnips.

**IMPROVED LONG ISLAND RUTABAGA.** A very much improved strain of rutabaga. Absolutely free from neck, purple top, fine grain and good flavor. Long Island seed, pkt. 3c; oz. 5c; ¼ lb. 15c; 1 lb. 45c. Imported seed, pkt. 3c; oz. 5c; ¼ lb. 12c; 1 lb. 35c.

**WHITE RUSSIAN.** A large white rutabaga, sweet and rich. Pkt. 3c; oz. 5c; ¼ lb 12c; 1 lb. 35c.

## BARGAIN COLLECTIONS.

We have prepared the following collections of the most popular varieties for the benefit of those who do not want to take time to make up their own selections. By putting them up in quantities ahead we are able to offer these at special low rates. They are all made up of choicest seeds, full size packets and we know they will give satisfaction. The discounts offered on page 38 do not apply to collections.

### "ECLIPSE" COLLECTION.

10 Packets Postpaid 25c.

BEET, Eclipse.....	3c
CABBAGE, All Seasons.....	3c
CUCUMBER, Early Frame.....	5c
LETTUCE, Iceberg.....	5c
WATER MELON, Cole's Early.....	5c
ONION, Large Red Wethersfield.....	5c
PARSNIP, Hollow Crown.....	3c
PUMPKIN, Small Sugar.....	5c
RADISH, Scarlet Globe.....	3c
TOMATO, Perfection.....	3c

Catalogue Price, 40c.

### "CHAMPION" COLLECTION.

10 Packets Postpaid 25c.

BEET, Detroit Dark Red.....	5c
CABBAGE, Extra Early Express.....	3c
CARROT, Half Long Danvers.....	5c
LETTUCE, Grand Rapids.....	5c
MUSK MELON, Champion Market.....	7c
WATER MELON, Ice Cream.....	3c
ONION, Yellow Globe Danvers.....	5c
RADISH, Twenty Day.....	3c
TOMATO, Beauty.....	3c
TURNIP, Pomeranian White Globe.....	3c

Catalogue Price, 42c.

### "OLD GOLD" COLLECTION.

20 Packets Postpaid 50c.

BEET, Crimson Globe.....	5c
CABBAGE, Early Jersey Wakefield.....	5c
CABBAGE, Autumn King.....	5c
CARROT, Early Chantenay.....	5c
CELERY, Giant Pascal.....	5c
CRESS, Curled Garden.....	3c
CUCUMBER, Arlington White Spine.....	5c
LETTUCE, Improved Hanson.....	3c
MUSK MELON, Osage.....	5c
WATER MELON, Sweet Heart.....	5c
ONION, Large Red Globe.....	5c
PARSLEY, Champion Moss Curled.....	5c
PARSNIP, Hollow Crown.....	3c
PEPPER, Large Sweet Mountain.....	5c
RADISH, Early Scarlet Globe.....	3c
SALSIFY, Mammoth Sandwich Island.....	5c
SPINACH, Large Round Leaf.....	3c
SQUASH, Golden Hubbard.....	5c
TOMATO, Enormous.....	5c
TURNIP, Purple Top White Globe.....	3c

Catalogue Price, 88c.

### "TESTED AND TRIED" COLLECTION.

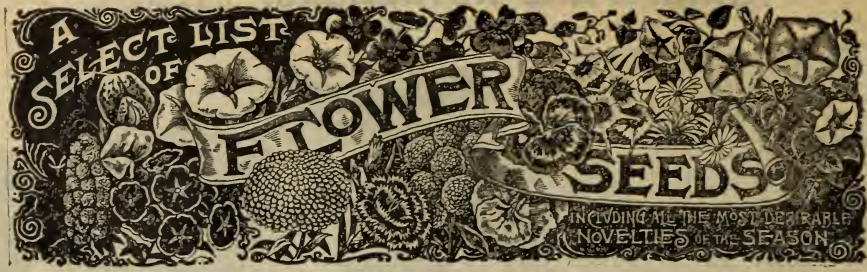
15 Packets Postpaid, 50c.

(See colored plate on back cover of catalogue.)  
With this collection we give free a 10c cake of Sulpho Tobacco Soap.

BEET, Crosby's Egyptian.....	5c
CARROT, Oxheart.....	5c
CELERY, White Plume.....	5c
CUCUMBER, Imp. Chi. Pickle.....	5c
CABBAGE, Danish Ball Head.....	5c
LETTUCE, Bl'k Seeded Simpson.....	5c
MUSK MELON, Paul Rose.....	7c
WATER MELON, Fordhook Early.....	7c
ONION, Prizetaker.....	5c
PARSNIP, Imp. Guernsey.....	3c
RADISH, Old's Improved French Breakfast.....	5c
SALSIFY, Mam. Sandwich Island.....	5c
SQUASH, Chicago Warded Hubbard.....	5c
TOMATO, New Stone.....	5c
TURNIP, Purple Top Strap Leaf.....	3c

Catalogue Price, 75c.





**Our Flower Seeds are Equal to the Best that can be Found Anywhere.**

Prices are low and packets large. **Discounts Apply the Same as on Vegetable Seeds.** See first page of Garden Seed Department. Order by numbers. The figures at the right denote the price per packet. If wanted in bulk write for prices when not given. **All packet prices include postage.** Note collection offers on page 61. All seeds are put up in beautiful lithographed seed bags, cultural directions on the back.



Paeony Flowered Aster.

**ASTERS.**

Aster Pkts. contain 150 to 200 Seeds.

- 1. **PAEONY FLOWERED. (Truffauts.) Mixed Colors.** These are magnificent. The plants form large compact bushes about 18 inches high, literally covered with large double flowers.....7c
- 2. **VICTORIA, Mixed Colors.** Very handsome. The petals curve out and down, while those of the Paeony Flowered curve up and in.....7c
- 3. **DWARF CHRYSANTHEMUM FLOWERED, Mixed.** Only 12 inches high with large handsome flowers, 3 or 4 inches across .....7c
- 4. **COMET, MIXED.** Many colors. Double flowers, 3 or 4 inches across resembling Chrysanthemums.....7c
- 5. **OLDS' EXCELSIOR MIXTURE OF TALL ASTERS.** This a very select mixture of the most beautiful and striking colors of all the best tall varieties.....10c
- 6. **OLDS' EXCELSIOR MIXTURE OF DWARF ASTERS.** A very choice and select mixture of all the Dwarf Asters.....10c
- 7. **GOOD MIXED.** All colors.....5c  
1 pkt. each variety Asters, 7 in all.....35c.
- 8. **ALYSSUM, Sweet.** A general favorite. Delicate white flowers.....3c
- 9. **ALYSSUM, Little Gem.** This should be called "Snow White Carpet Plant," for the plants are completely covered with snow white flowers, giving the impression of a beautiful carpet.....7c
- 10. **AMARANTHUS, Mixed.** Valuable for variety of handsome foliage.....5c
- 11. **ANTIRRHINUM. (Snap Dragon.) Mixed.** An old garden favorite. Odd shaped flowers. Very fragrant .....5c
- 12. **AQUILEGIA. (Columbine.) Double Mixed.** A well known perennial. Very hardy and easy of culture.....5c
- 13. **BACHELORS' BUTTON. (Centaurea Cyanus) Mixed.** This is the well known corn flower. A hardy annual 2 or three feet high .....5c

- 14. **BALSAM. (Lady Slipper) Camellia Flowered, Mixed.** Large, perfect, double flowers, the finest of all balsams.....7c
- 15. **BALSAM, Double, Common Mixed**.....3c
- 16. **CALENDULA. (Pot Marigold.) Orange King.** Grandest and largest of all double Marigolds. Color, rich dark orange. Very showy .....5c
- 17. **CALENDULA, Mixed.** Different shades...3c
- 18. **CALIFORNIA POPPY. (Escholtzia.) Mixed.** Saucer shaped flowers of great brilliancy .....5c
- 19. **CALLIOPSIS. Fine Mixed.** A hardy annual about 2 feet high. Will bloom and thrive until frost in any soil with very little care. Fine cut flowers, very brilliant.....5c
- 20. **CANARY BIRD FLOWER.** A handsome climber belonging to the Nasturtium family. One of the most beautiful of its class. The vines grow to a height of 20 feet, thickly covered with clear golden yellow flowers of very peculiar shape.....5c
- 21. **CANDYTUFT, Giant Empress.** A magnificent variety of this well known flower.....5c
- 22. **CANDYTUFT, Mixed.** White and colors...3c
- 23. **CANNA, Crozy's Best Mixed.** A new and entirely distinct class of Cannas of dwarf habit producing very large flowers. If started early in the house they bloom freely the first year. They are less expensive and more beautiful for bedding plants than Geraniums. Seeds should be soaked in warm water before planting.....7c
- 24. **CANNA, Mixed.** All varieties.....5c
- 25. **CANTERBURY BELLS. (Campanula.)** Double and Single Mixed.....5c



CALLIOPSIS. (See No. 19.)





Canary Bird Flower. (See No. 20.)

26. **CARNATION. Margaret.** A new dwarf variety of Carnation that blooms in four months from planting the seed. (100 seeds).....5c

27. **CASTOR BEAN. (Ricinus.) Mixed.** Stately tall growing plants, with glossy leaves. Very ornamental for a lawn. 6 to 15 feet high.....3c

28. **CHRYSANTHEMUM. Annual Mixed.** Blooms plentifully all summer.....5c

29. **COBAEA SCANDENS. Purple.** A fine rapid growing climber, with handsome foliage and large bell shaped flowers. A vine will sometimes run 50 feet in a season.....7c

30. **COCKSCOMB. (Celosia) Tall Mixed.** Flowers resemble a cock's comb. (250 seeds).....5c

31. **COSMOS. New Early Flowering.** A very valuable novelty. If sown in May the plants begin to bloom in August and continue until late in the fall. The Cosmos is a very handsome flower and is becoming more and more popular. (Pkt. about 100 seeds).....10c

32. **CYPRESS VINE. Mixed.** A most beautiful climber with delicate dark green feathery foliage. The star shaped blossoms are very abundant. Colors, rose, scarlet and white. Grows about 15 feet high.....5c

33. **DAHLIA. Large Flowering Double Mixed.** Everyone admires Dahlias, but few know that they can be raised from seed and will bloom the first year. (Pkt. 50 seeds).....7c

34. **DAISY. (Bellis) Double Mixed.** An extra choice strain. Easily raised and excellent as house plants. (Pkt. about 150 seeds).....5c

35. **EVERLASTING FLOWERS. (Helichrysum) Mixed.** Very fine for bouquets.....5c

36. **FORGET-ME-NOT. (Myosotis) Mixed.** Everybody's favorite. Pretty little clusters of fine delicate flowers.....3c

37. **FOUR O'CLOCK. (Marvel of Peru.) Mixed.** Named after their peculiar habit of expanding in the afternoon.....3c

38. **GAILLARDIA. (Blanket Flower.) Double Mixed.** Round as a ball.....5c

39. **CODETIA. Fine Mixed.** Very brilliant.....5c

40. **GOURDS. Many Sorts Mixed.** All kinds of odd shapes. Rapid climbers, fine for covering old fences, trellises, etc.....5c

41. **HELIOTROPE. Choice Mixed.** Everyone loves the Heliotrope for its delightful fragrance and beauty. Seed sown in February and March will produce large flowering plants the first summer. (Pkt. about 100 seeds).....5c

42. **HOLLYHOCK. Best Double Mixed.** A careful selection from the largest and finest double flowers only. Pkt., about 100 seeds.....7c

43. **HOLLYHOCK. Good Double Mixed.....5c**

44. **LARKSPUR. Double Tall Rocket.....3c**

45. **LOBELIA. Mixed.** A dwarf plant. Well adapted for hanging baskets.....5c

46. **MARIGOLD. Double Dwarf French, Mixed.** Of compact growth, only about 15 in. high. Bright, showy flowers.....5c

47. **MIGNONETTE. Pure Machel. Extra Fine Strain.** The Mignonette (a French name for My Little Darling) is a well known hardy annual, and a universal favorite on account of its sweet delicate fragrance. The Machel is the best Mignonette for all purposes. Pkt. 500 seeds 5c



Cypress Vine. (See No. 32.)

## MORNING GLORIES.

(Pkt., 30 Seeds.)

48. **NEW JAPANESE IMPERIAL.** These new Morning Glories from Japan are remarkable for the large size and exquisite new colors of the flowers, and for their magnificent foliage. The variety of colors is almost infinite. The leaves also are of all shapes and shades. They are a tremendous advance over the old fashioned Morning Glory. They are without exception the handsomest climbers in existence. Pkt. 5c; ½ oz. 10c; oz. 15c.

49. **Tall Mixed. Pkt. 3c; oz. ....7c**



New Japanese Imperial Morning Glory. (See No. 48)





DWARF NASTURTIUM.

**NASTURTIUMS.** { Pkt. 30 to }  
40 seeds }

- 50. **MADAME CUNTHER'S HYBRIDS.** These are new climbing Nasturtiums remarkable for their richness and variety of color. They make a strong growth, climbing 5 or 6 feet high, with flowers the most brilliant. Pkt. 5c; oz. 15c
  - 51. **LOBB'S NASTURTIUMS.** Mixed. Much superior to the common tall Nasturtiums, in brilliancy, height, rapid growth and freedom of bloom. Pkt. 5c; oz. 12c
  - 52. **TALL NASTURTIUMS.** Finest Mixture. A great favorite. Pkt. 3c; oz. 7c
  - 53. **DWARF NASTURTIUMS.** All Colors Mixed. These improved Dwarf or Tom Thumb Nasturtiums are unrivaled in beauty. They bloom freely all the season. Pkt. 3c; oz. 10c
- 1 pkt. each variety Nasturtiums 12c; oz. each, 30c



Old's Large Flowering Mixed Pansies.

**PANSIES.** { Pkt. 150 }  
seeds }

- 54. **SNOW QUEEN.** Pure white. 5c
- 55. **DR. FAUST.** (King of Blacks) 5c
- 56. **PURE YELLOW.** Large. 5c
- 57. **SUNSHINE.** Striped and mottled. 5c
- 58. **MIXED.** Good Quality. 3c
- 59. **OLD'S LARGE FLOWERING MIXED.** This is a very choice mixture of imported sorts, embracing all colors of large German pansies. 7c
- 60. **TRIMARDEAU.** Mixed. The richest and most varied shades. Each flower is marked with three large blotches. 5c
- 61. **VAUGHAN'S INTERNATIONAL MIXTURE.** Mr. Vaughan's choicest and most famous mixture. Giant Flowers in unique colors. It received the only award for Pansy Mixture at the World's Fair. 15c  
1 pkt each variety Pansies, 8 in all. 35c
- 62. **PETUNIA.** Large Flowering, Choicest Mixed. These are most magnificent. The flowers are of enormous size, often over five inches in diameter. Petunias are very easily grown and are unequalled for massing in beds. Pkt. 200 seeds. 10c
- 63. **PETUNIA.** Hybrida, Fine Mixed. 3c

**PHLOX.** { Pkt. 150 }  
seeds }

- 64. **Large Flowering Mixed.** The large flowering varieties are a decided improvement over the common ones. The flowers are fully twice as large with the most brilliant colors conceivable. 7c
- 65. **Fine Mixed.** A fine mixture of many colors. Very easily grown. 5c

**PINKS. (Dianthus)** { Pkt. 200 }  
seeds }

- 66. **DOUBLE CHINESE MIXED.** A very fine mixture of the famous Double China. 3c
- 67. **DOUBLE IMPERIAL MIXED.** Very double with a great variety of colors. 5c
- 68. **HEDDEWICI.** Single Mixed. Flowers deeply fringed. Very large, 2 to 3 inches in diameter. 5c  
One pkt. each variety pinks. 10c



Single Poppies.

**POPPIES.**

- 69. **Single Mixed.** A choice collection of many varieties. 7c
- 70. **Double Mixed.** Many sorts and colors. Pkt. 200 to 300 seeds. 5c

- 71. **PORTULACA.** Best Double Mixed. A very fine assortment. Brilliant, beautiful, delicate flowers. Pkt. 300 seeds. 7c
- 72. **PORTULACA.** Single Mixed. 3c
- 73. **PRIMULA. (Chinese Primrose.)** Large Flowering, Choice Mixed. The Chinese Primrose is one of the brightest and most beautiful of all pot plants for the winter months, and the culture is much easier than most people think. Sow the seed in shallow boxes in the spring, and when 2 or 3 leaves form transplant into small flower pots and later into larger pots, keeping in a cool, shady place during the summer. Pkt. about 50 seeds. 7c
- 74. **SALPICLOSSIS.** Mixed. Highly ornamental autumn flowering plants. 5c
- 75. **SALVIA SPLENDENS. (Scarlet Sage.)** The plant forms a handsome bush two feet high, bearing brilliant flowers. 7c
- 76. **SCABIOSA. (Mourning Bride.)** Large Flowering, Double Mixed. Elegant for bouquets. The flowers average 3 inches across. 5c
- 77. **STOCKS.** Finest Mixed. Stocks are prized for their fine display of color. 7c
- 78. **SUNFLOWER. (Helianthus.)** Globosus Fistulosus. The flowers are immense, from 12 to 15 inches in diameter. 3c
- 79. **SUNFLOWER.** Miniature. Plants dwarf and bushy. Flowers very bright and showy, and of convenient size for bouquets. 3c
- 80. **SWEET WILLIAM.** Single Mixed. 3c
- 81. **VERBENA.** Mammoth. Flowers are of enormous size, the florets being fully one inch in diameter. 7c
- 82. **VERBENA.** Fine Mixed. Many shades. 5c
- 83. **WALL FLOWER.** Single Mixed. 3c
- 84. **WILD CUCUMBER.** The quickest growing of all climbers. 5c
- 85. **ZINNIA.** Crested and Curled. Flowers very large and double, the petals being twisted and curved into the most graceful forms. 7c
- 86. **ZINNIA.** Double Mixed. Many colors. 3c





A single plant of the Dwarf Sweet Pea, Pink Cupid.

## SWEET PEAS.

{ Pkt. about  
75 peas }

### 12 Best Varieties. (Tall.)

#### WHITE.

87. **BLANCH BURPEE.** The largest pure white. One of the finest of all varieties.

88. **EMILY HENDERSON.** The earliest white.

#### LIGHT COLORS.

89. **ALICE ECKFORD.** Rich cream tinted cerise standards, white wings. Mr. Eckford says: "The most chaste variety ever offered."

90. **BLANCH FERRY.** Popular pink and white.

91. **COUNTESS OF RADNOR.** Pale lavender.

92. **ORANGE PRINCE.** Orange and pink.

93. **PRIMROSE.** Pale Primrose yellow.

#### DARK COLORS.

94. **NAVY BLUE.** An entirely distinct color from any existing variety; general color effect, dark blue; standards purple, wings violet.

95. **STANLEY, New.** A rich dark maroon.

96. **CARDINAL.** Bright crimson.

97. **HER MAJESTY.** Large deep rose color.

98. **SENATOR.** Brown and chocolate.

Price all the above, Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 50c; 8c more by mail. 1 Pkt. each of the 12, 30c; 1 oz., each, 65c.

### MIXTURES.

99. **OLDS' PRIZE MIXTURE.** This mixture is made up of the very choicest varieties including many high priced novelties. Pkt., 7c; oz., 12c; ¼ lb., 30c; lb., 80c. Postage extra.

100. **ECKFORD'S MIXED.** A famous mixture. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 60c.

101. **GOOD MIXED.** Pkt., 3c; oz., 5c., ¼ lb., 15c. lb., 35c. Postage extra.

### DWARF SWEET PEAS OR CUPIDS.

102. **WHITE CUPID.** The first dwarf Sweet Pea.

103. **PINK CUPID.** A true cupid, only 6 to 8 inches high. Flowers, always large size. Much more easily grown than White Cupid.

104. **BEAUTY CUPID.** Color delicate rose.

105. **PRIMROSE CUPID.** A rich creamy tint.

106. **ALICE ECKFORD CUPID.** Flowers identical in size and color, with tall Alice Eckford.

107. **OLDS' CUPID MIXTURE.** A mixture of all the above five varieties.

PRICE for all the Cupids, Pkt., 5c; oz., 10c. ¼ lb., 25c; 1 pkt., each Cupid, including the mixture 20c; 1 oz., each, 40c.

## BARGAIN FLOWER SEED COLLECTIONS.

### "SUCCESS" COLLECTION.

15 most Popular Flowers 50c  
Choicest Mixtures.

2 Collections for 85c.

A 10c cake of Sulpho Tobacco Soap free with each 50c collection, but no discount allowed on all collections.

1 pkt. Aster, Pæony Flowered Mixed.....	7c.
1 pkt. Balsam, Camelia Flowered Mixed.....	7c.
1 pkt. Canary Bird Flower.....	5c.
1 pkt. California Poppy.....	5c.
1 pkt. Forget-Me-Not, Mixed.....	3c.
1 pkt. Heliotrope, Choice Mixed.....	5c.
1 pkt. Mignonette, Pure Machet.....	5c.
1 pkt. Morning Glory, Japanese.....	5c.
1 pkt. Nasturtium, Tall Mixed.....	3c.
1 pkt. Pansy, Olds' Large Flowering Mixed.....	7c.
1 pkt. Petunia, Fine Mixed.....	3c.
1 pkt. Poppy, Single Mixed.....	7c.
1 pkt. Pink, Double Imperial Mixed.....	7c.
1 pkt. Sweet Peas, Olds' Prize Mixture.....	7c.
1 pkt. Verbena, Fine Mixed.....	5c.

CATALOGUE PRICE 79c.

### "FAVORITE" Collection—10 pkts. 25c.

1 pkt. Bachelor's Button.....	3c.
1 pkt. Calendula, Orange King.....	5c.
1 pkt. Castor Bean, Mixed.....	3c.
1 pkt. Cypress Vine.....	5c.
1 pkt. Forget-Me-Not.....	3c.
1 pkt. Nasturtium, Lobbs Mixed.....	5c.
1 pkt. Pansy, Mixed.....	3c.
1 pkt. Pink, Double Imperial.....	5c.
1 pkt. Poppy, Single Mixed.....	3c.
1 pkt. Sweet Peas, Eckford's.....	5c.

CATALOGUE PRICE 40c.

### "BEAUTY" Collection—10 pkts. 25c.

1 pkt. Balsam, Double Mixed.....	3c.
1 pkt. Calliopsis, Mixed.....	5c.
1 pkt. Chrysanthemum, Mixed.....	3c.
1 pkt. Everlasting Flowers.....	3c.
1 pkt. Heliotrope.....	5c.
1 pkt. Nasturtium, Dwarf Mixed.....	3c.
1 pkt. Pansy, Snow Queen.....	5c.
1 pkt. Pink, Double Chinese.....	3c.
1 pkt. Sweet Peas, Mixed.....	7c.
1 pkt. Zinnia, Crested and Curled.....	7c.

CATALOGUE PRICE 40c.



# HARDY FLOWERING BULBS

## Every Farmer Should Have Some Gladioli and Dahlias.

We have not space for a long list of bulbs, and most of our customers would not be much interested in such a list, but there is no reason in the world why every farmer should not plant a few Gladioli and Dahlia bulbs. They are as easily raised as potatoes and how beautiful they are! Put in some this year if you never did before. When you see the flowers you will not regret it.

### GLADIOLI, OLDS' MIXED.

The Gladiolus stands easily first among all summer flowering bulbs. The tall stately flower spikes, often 15 inches long, with all varieties of colors, red, yellow and white, are most magnificent. They are also so easily grown and so inexpensive that they are general favorites. Plant in May or June in any good garden soil, 6 inches apart and 4 inches deep. Our mixture is a very choice one and runs to light shades, the striped pink and white predominating. The plain red are not so desirable, and we have been gradually culling them out. We grow our own bulbs and Olds' Gladioli were the admiration of all who saw them last year.

Price: First size bulbs, each 5c; doz., 30c; 100, \$1.50. By mail, 10c per doz. more. Second size bulbs, each 3c; doz., 20c; 100, \$1.00. Postage extra.



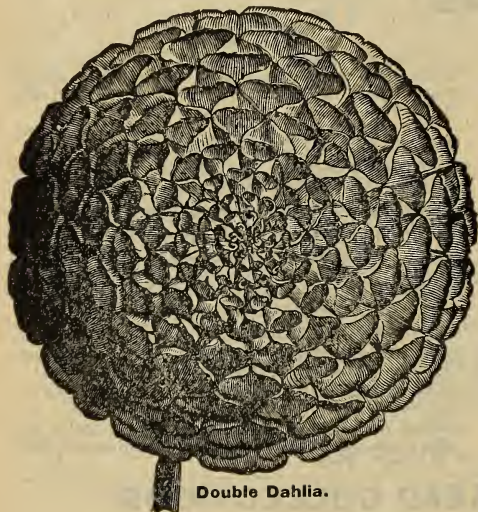
Gladioli.

### DAHLIAS.

Nothing more showy than our Large Double Dahlias

Our mixture of Dahlias is made up of 15 or 20 of the choicest varieties, such as Clifford W. Bruton, Floral Park Jewel, Pres. Faure, Wm. Agnew, Matchless, H. Lambert, etc. The colors range from deep maroon and crimson through all shades of pink and yellow to pure white. Our white Dahlias have been specially admired. Our other colors also are magnificent. If people only realized what a beautiful show a few Dahlia bushes make in a garden and how easy it is to grow them, everybody would have some. Try it this year and be convinced.

Price: Single tubers, by mail, 10c each, 3 for 25c. Large undivided clumps, not prepaid, 15c each; 4 for 50c; \$1.35 per doz.



Double Dahlia.

● GIANT BECONIAS. (Tuberous Rooted.) Very showy flowers of brilliant colors.

Sgl. White	} Each 10c. 4 for 30c. doz. 80c. postpaid	Dbl. White	} Each 15c. 4 for 50c. doz \$1.35 postpaid
" Yellow		" Yellow	
" Scarlet		" Scarlet	
" Pink		" Pink	
" Mixed		" Mixed	

**TUBEROSE.** Mammoth Excelsior Dwarf Pearl. Very fragrant, pure white, double flowers, on large spikes. First size bulbs, 3 for 10c, doz. 30c postpaid.

**GLOXINIA.** Charming flowers, varying from pure white through all shades of rose, crimson and violet. Best mixed bulbs, each 10c, 3 for 25c, doz. 85c, postpaid.

**CINNAMON VINE.** A very pretty vine to train around the window. It is an exceedingly quick grower, having been known to attain to a height of twenty feet in one season. Good roots, 7c each, 6 for 25c, doz. 40c, postpaid.



Single Tuberous Begonia.



Tuberose.



# GARDEN AND FARM TOOLS



Invincible  
Potato  
Planter  
PATENTED.

## INVINCIBLE POTATO PLANTER.

Our leader in hand potato planters. The open wire sleeve reduces the wind resistance to a minimum. It cannot clog and fail to plant. The sharp jaw enters the ground as easily as a spade. The handle is adjustable to suit any height, and is so hung as to save labor. It has an adjustable double leaf spring and is strong and durable. Price, \$1.35.

## ACME PLANTER

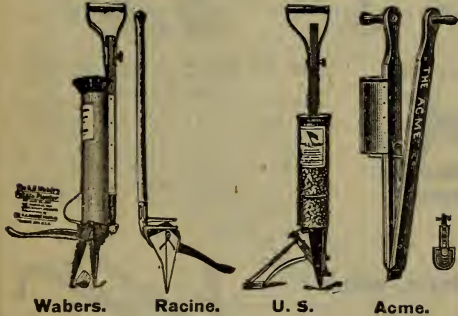


## ACME POTATO PLANTER.

Light, simple, durable. The old reliable. The "Stick" Planters or "Cow Horns" as they are called in some sections are used by thousands of potato farmers throughout the Northwest. Many even who grow large acreages prefer them to horse planters. Price, 75c, 3 for \$2.00.

## HANDY SEED CARRIER.

Made especially for the purpose, with iron hoop to keep the mouth open, strong and convenient. Something of this sort is a necessity in hand planting. Price, 40c, 3 for \$1.00.



## WABERS POTATO PLANTER.

A tubular planter. Price, \$1.25.

## RACINE POTATO PLANTER.

A popular, straight handle, stick planter at a low price. Price, only 65c, 3 for \$1.75.

## U. S. CORN PLANTER.

Disk has two feed cups, one side for Field Corn, Lima Beans, and all large seeds, the other side for Pop Corn, Kaffir Corn and other small seeds. It is quickly changed. Price, \$1.35.

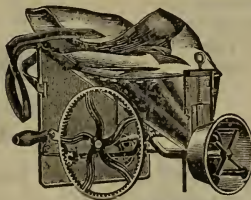
## ACME CORN PLANTER.

A well known and well made two-hand planter. Simple, durable and accurate. With the Pumpkin Seed attachment pumpkins can be planted at the same time as the corn. Price plain, 75c; with P. S. A. \$1.00.



## CYCLONE SEEDER.

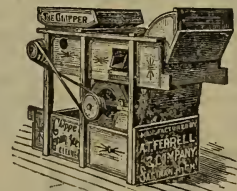
**Warranted to Give Satisfaction.** The Cyclone has a national reputation as a **High Grade Seed Sower.** It is built, not for cheapness, but for **durability and accurate work.** It weighs less than 4 pounds, yet is strong and durable and so simple that a boy can operate it. Just the thing for sowing all kinds of clover and grass seed, millet, rape, and even larger grains. Price, reduced, \$1.50.



## CAHOON SEEDER.

A much advertised and justly celebrated high grade seeder. Sows wheat, oats, barley, rye, buckwheat and all other grains and grass seed five times faster than by hand, and does perfect work. Sows 30 to 40 feet at once, 4 to 8 acres per hour. Price, \$2.90.

We have also cheap seeders, both crank and fiddle-bow, that we can sell at \$1.00 each, but they are not equal to the Cyclone and Cahoon.



## CLIPPER FANNING MILL

The best Grain and Seed Cleaners in the world are the Clippers. We use a power Clipper for all our own cleaning here and it gives the best of satisfaction. The No. 1 Hand Power Clipper illustrated above is the best size for farm and general use. It will clean thoroughly all kinds of grain and seeds, such as wheat, barley, oats, beans, peas, buckwheat, millet, clover, timothy, etc. Each machine equipped with full set of 10 screens. Regular price, \$25. Our price, \$20.

# "PLANET JR." FARM AND GARDEN TOOLS.

Space will not permit our showing and describing all of the "Planet Jr." tools but we will send a fully illustrated catalogue free for the asking. "Planet Jr." goods are standard machines, the best on the market. Our prices on all are 50c below the list prices and we also prepay freight to all points east of the Missouri River.



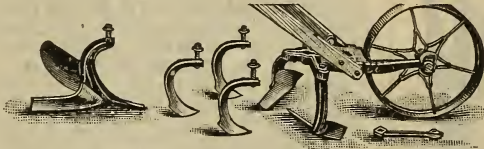
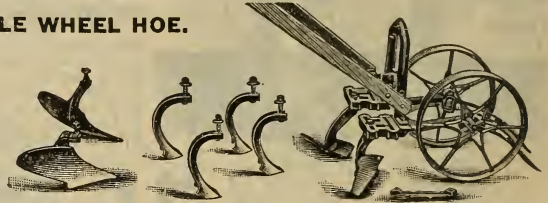
**"Planet Jr." No. 4 Combined Hill and Drill Seeder, Single Wheel Hoe, Cultivator and Plow**

Price, Complete  
**\$10.00**  
As a Drill only  
**\$8.00**

This most perfect development of the hand seed drill, sows evenly in drills, and also drops in hills, at 4, 6, 8, 12 or 24 inches apart. No time is lost; no seed is wasted. It covers and rolls down and marks the next row; hopper holds 2 quarts. The drill is detached and the tool frame substituted by removing but one bolt. It then becomes a single wheel hoe. It is useful almost every day of the season. The accurate hill-dropping drill, which gives a regular stand of plants with the least seed, saves its cost over and over in seed alone. We guarantee this drill to be more accurate than any other made, and to give satisfaction.

## PLANET JR. NO. 12 DOUBLE WHEEL HOE.

For easy, clean and perfect gardening, the kind which will make your garden the talk of the neighborhood, nothing is quite equal to this Planet Jr. No. 12 Double Wheel Hoe. It is suited to all garden crops. You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. Price, with attachments **\$6.50.**



## NO. 17 SINGLE WHEEL HOE Price \$4.50.

This latest and best single wheel hoe has a very full set of tools, several of them being of new design, such as have been found to work in the very best manner. It has an 11-inch wheel, with broad face, is very light, strong and easy running.

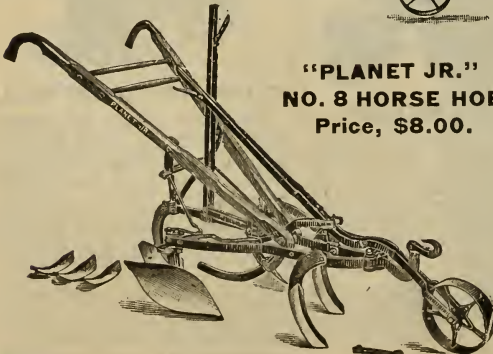
## THE NO. 5 HORSE HOE

The No. 5 Horse Hoe is so strongly and so thoroughly made as to be practically indestructible; the attachments are so useful that one tool will do a large portion of the preparation for any crop, and the cultivation of it. No progressive farmer can afford to get along without these money-saving tools.

PRICE, ONLY  
**\$6.00**



## "PLANET JR." NO. 8 HORSE HOE Price, \$8.00.



Probably no other cultivating machine is so widely known as the "Planet Jr." Combined Horse Hoe and Cultivator, for it is in use throughout the civilized world. It is so strongly built as to withstand incredible strain, yet it is light and easy to handle.

Every part is perfected to make the tool acceptable to the intelligent farmer, who knows the best is always the cheapest.



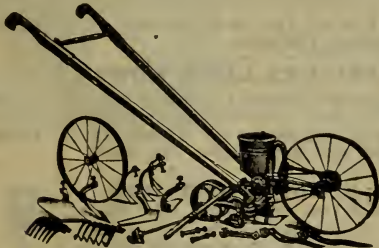
# THE IRON AGE FARM AND GARDEN IMPLEMENTS.

A Complete Descriptive Iron Age Book Sent Free on Request.

Freight Prepaid on all Iron Age Tools to all Points East of the Missouri River.

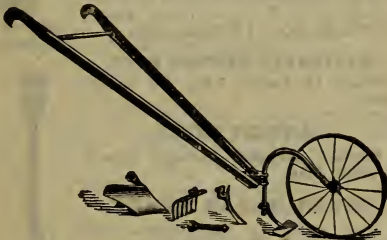
All the Iron Age Wheel Hoes and Seeders are light in weight, strong, easy running, have the high wheel (16 in. high) which will not readily yield to the inequalities of the soil and are most satisfactory and complete.

**THE NO. 6 COMBINED DOUBLE AND SINGLE WHEEL HOE, HILL AND DRILL SEEDER** will sow all kinds of seeds in hills 4, 6, 8, 12 or 24 inches apart and is instantly changed so it will sow in continuous rows. It may also be quickly changed to a double or single wheel hoe, etc., which is shown as the No. 1 opposite.



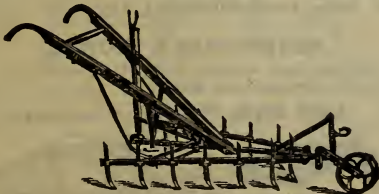
Price, Complete.....\$11.00  
As Seeder only, Iron Age No. 7, Price..... 8.00

**NO. 12 IRON AGE WHEEL PLOW AND CULTIVATOR**, is very suitable for a small kitchen garden, will do a variety of work, is light, strong, and sold at a small sum.



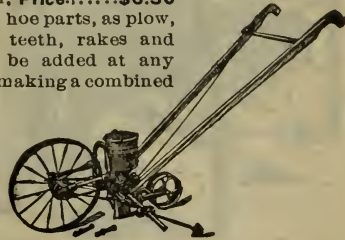
Price, complete.....\$3.25  
No. 11, Iron Age (with plow only) price.....2.25

**NO. 1 IRON AGE COMBINED HARROW AND CULTIVATOR.** Price, complete with lever expander and plain wheel .....\$5.45  
Price, Plain (without wheel and lever)....\$4.25



This tool is designed especially for the cultivation of berries and small crops, as it thoroughly pulverizes the soil but at the same time throws but very little earth.

**NO. 18 IRON AGE DRILL SEEDER** will sow all kinds of seeds in continuous rows and is a low priced tool, Price.....\$6.50  
The wheel hoe parts, as plow, cultivator teeth, rakes and hoes may be added at any time thus making a combined



tool, as the No. 17 Iron Age comb., single wheel hoe and drill seeder.

**NO. 1 IRON AGE DOUBLE AND SINGLE WHEEL HOE, Complete, Price.....\$6.50**



As a double wheel this tool is valuable in many crops, as onions, turnips, radishes, etc., as it may be run astride the row and cultivate both sides at the same time. May be quickly changed to a single wheel, to a hoe, cultivator, plow or rake. A Seeder attachment, as on the No. 6, may be added at any time.

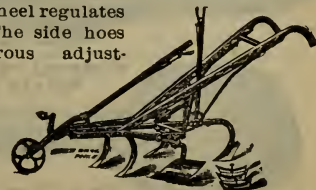
**NO. 3 IRON AGE (side hoes only) Price....\$3.75**

**NO. 20 IRON AGE SINGLE WHEEL HOE** is a most perfect single wheel tool. It plows, rakes, cultivates and hoes. As with the No. 1 above a Drill Seeder or Hill and Drill Seeder attachment may be added at any time.



Price No. 20, Complete.....\$5.50  
Price No. 21, (side hoes only)..... 3.50

**NO. 6 IRON AGE HORSE HOE AND CULTIVATOR.** Remarkable for great adjustability. With lever, is expanded from 14 to 30 inches. The wheel regulates the depth. The side hoes have numerous adjustments. A most satisfactory and popular implement.

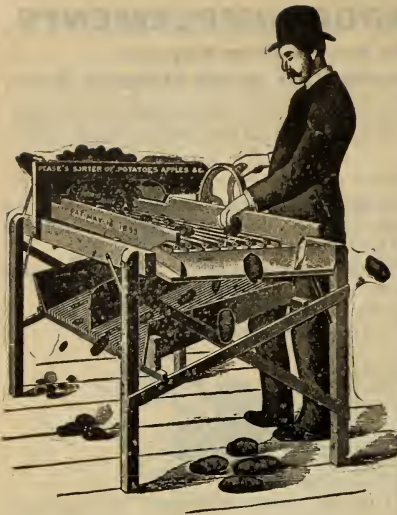


Price, complete as in cut.....\$6.00

## PEASE POTATO SORTER.

This is the style of Sorter we use exclusively. We have tried other makes but like this the best. The horizontal bars are quickly adjustable by means of thumb screws to any distance apart desired.

Price, \$13.50.



## GARDEN KING CULTIVATOR.

Seven Tools in One.

Plow on one side and cultivator on the other, so that any kind of work can be done by simply turning the tool over. The high wheel (23 inches) makes it easier to run than any other.

Price, complete with weeder attachment, \$4.50; without weeder attachment \$3.75.

## VICTOR LAWN MOWER.

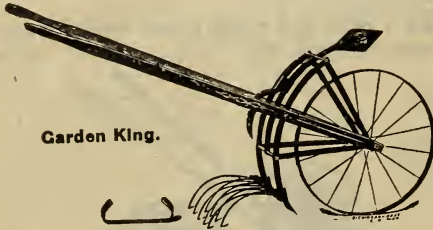
The best value for the price of any Lawn Mower we know of.

Price, 14 in. \$3.75; 16 in. \$3.85; 18 in. \$4.00. with Ball Bearing, 75c more.

## HERCULES LAWN MOWER.

A high grade celebrated mower made of the very best material and handsomely finished.

Price 14 in., \$5.75; 16 in., \$6.00; 18 in., \$6.25; 20 in., \$6.50. with Ball Bearing 75c more.



Garden King.

## SPRING TOOTH HOE.

Best Tool of Its Kind Ever Made.

Almost perfect for the cultivation of all kinds of garden plants. Made of fine spring steel, adjustable in width. It can be used to cultivate between the rows or the center shovel can be removed and the row straddled. Specially fine where the ground is a little hard or a crust has formed.

Price, complete with 4 foot handle, 90c.



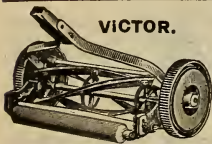
Never Break.

## STEEL BOW GARDEN RAKE.

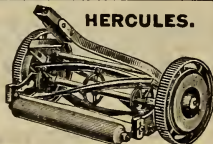
Best rake. Will not break. Price, 13 Tooth, 50c; 15 Tooth, 55c.

## MALLEABLE GARDEN RAKE.

Price, 12 Tooth, 25c; 14 Tooth, 30c.



VICTOR.



HERCULES.

Spring Tooth Cultivator.



Steel Bow Garden Rake.

## GARDEN HOES.

Socket Handle, 40c; Shank Handle, 35c.

## NEVER BREAK SPADE.

Best spade in the market and best finished; highly polished.

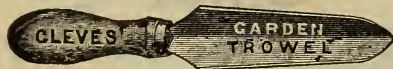
Price, either Long or D Handle, 90c each.

## NEVER BREAK SHOVEL.

Price, same as Never Break Spade.



Never Break.



## CLEVE'S ANGULAR TROWEL.

A high grade, handsomely finished Trowel, with sharp point. Price, small, 20c; large, 30c.



## NEVER BREAK TROWEL.

Made very strong and will not bend or break. Price, 10c; 3 for 25c.

BEST STEEL TROWEL. Price, 50c.



HUMPHREY'S CONCAVE POTATO KNIFE.

Price, 25c each, 3 for 65c  
By mail, 2c more each.



Lang's Weeder, price 20c.



Excelsior Weeder, 10c.



Garden Wheelbarrow.  
Price, \$3.50.



## FOUNTAIN SPRAYER.

Best Hand Sprayer for Potato Vines.

Made of galvanized iron, strongly riveted and guaranteed throughout. To spray potatoes, first pump up until well filled with compressed air, take it by the handle and walk along the row pressing the thumb valve and letting out a fine spray as shown in the cut.

Price, with fruit tree attachment, \$5.00.

## ROCHESTER SPRAYER.

A favorite with nurserymen. Self operating. Compressed air works the brass air pump. You hold the nozzle; the machine does the rest. Throws either a fine spray or solid stream as desired.

Price, galvanized iron, only \$3.75



Rochester Sprayer.

## PARKS SPRAYER

A new style double tube sprayer, which sells the best of anything we have. The common glass fruit can may be easily replaced if broken; the little agitator rattles around loosely and keeps the liquid thoroughly mixed. Price, only 75c.



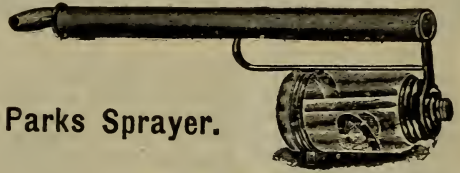
Fountain Sprayer.

## OLCUTT SPRAYER.

A double tube Sprayer with tin cylinder instead of glass.

Price, 75c.

In addition to the different Hand Sprayers listed here we are agents for the Aspinwall 4 Row Horse Sprayer, which is a necessity for the large potato grower. Write us for Aspinwall catalogue and prices.



Parks Sprayer.

## ACME SPRAYER.

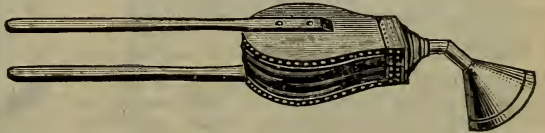
Single tube. Only 50c, 3 for \$1.35.



## ACME POWDER GUN.

For applying Paris Green and other insecticides dry.

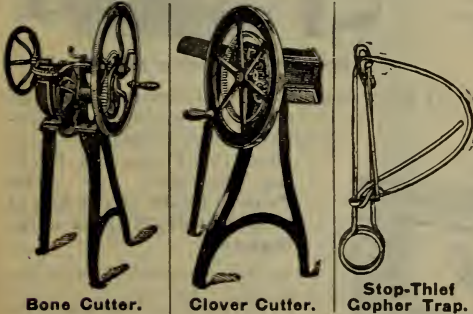
Price, 85c.



Acme Powder Gun.

## STOP-THIEF GOPHER TRAP.

The best and simplest trap for catching gophers, rats and ground squirrels. Price, 12c, 3 for 30c.



Bone Cutter.

Clover Cutter.

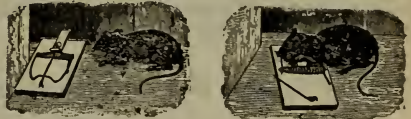
Stop-Thief Gopher Trap.

## HUMPHREY GREEN BONE AND VEGETABLE CUTTER.

Strongest and Simplest.

Guaranteed to cut more green bone in less time and with less power than any other bone cutter selling at the same price. Equally good as a vegetable cutter.

Price, No. 1 Hand Power \$12.00. (Special prices on other sizes. Humphrey catalogue free on application.)



BEFORE TAKEN.

AFTER TAKEN.

## OUT O SIGHT MOUSE TRAP.

It does the work. No bait required. Simply set them along runways. Price, 10c, 3 for 25c.

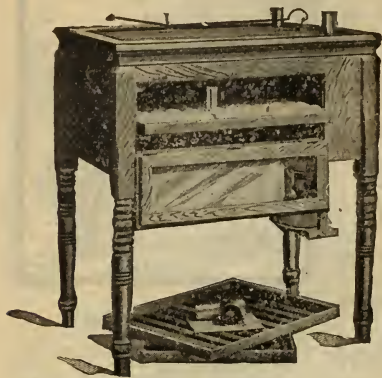
## HUMPHREY RAPID CLOVER CUTTER.

Cuts finer and more rapidly than any other make. Cut clover helps to make a balanced ration and is of great value for poultry. Price, with stand, \$10.00; without stand \$8.00.

## HUMPHREY GRIT MORTAR.

A circular mortar, 9 inches in diameter and 11 inches high, with removable bottom. With this tool you can break up enough grit in half an hour to last your fowls several weeks. A very handy necessity about a poultry plant. Price, \$3.50.

# POULTRY SUPPLIES.



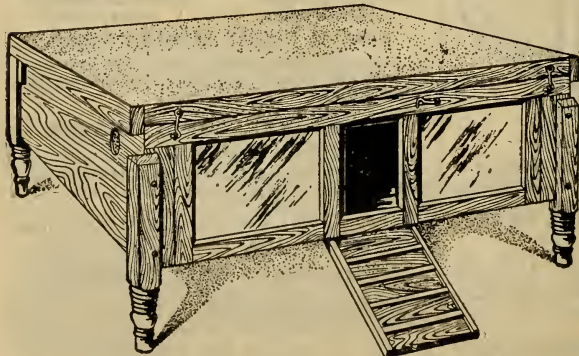
**No. 0 Special, Price \$12.00.**

The manufacturers of the Prairie State are practical poultrymen and are also pioneers in the incubator business, having been making and exhibiting incubators for nearly 20 years. They say:

"We firmly believe that we are offering the public the best made, the simplest and most practical and the surest in good results incubator on the market today. The thoroughness of the workmanship and quality of material is guaranteed for twenty years; any part that gives out through defect in either, will be made good freely and gladly. It should count a whole lot to the prospective buyer to know that the guaranty he gets with a machine is good, or whether there is a string to it, or some reservation which will let the seller out, no matter how small the hole he has to crawl through."

The **Prairie State Brooders** are as reliable and dependable to raise the chicks, as the incubators are to hatch them. They are large and roomy, convenient to clean, properly ventilated and safe under all ordinary conditions and circumstances. They are all well built and have the same lasting qualities put into them that the incubators have.

Write us for **large illustrated catalogue** fully describing all the different styles and



**No. 0 Outdoor Brooder. Price \$7.00.**

## PRAIRIE STATE Incubators and Brooders.

When we decided to offer Poultry Supplies in our 1904 catalogue we wrote to the manufacturers of the leading Incubators to see what they had to say for their goods. We also made inquiries of leading Poultrymen and others and finally decided to take the agency for the Prairie State and handle it exclusively. We believe it is the best for the following reasons:

More Prairie State Incubators are in use today than any other incubator made.

The Prairie State requires less watching and less care than any other make.

The Prairie State Incubators and Brooders have won more **first prizes** at competitive shows than any others.

The U. S. Government uses them exclusively.

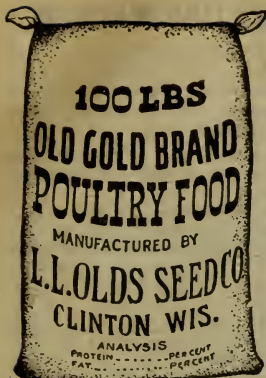


**Baby No. 1, Price \$6.00.**

and sizes of Prairie State Incubators and Brooders. Also Drinking Fountains, Feeding Troughs, etc. **The Prairie State is the finest of all Poultry Supply catalogues.**

We carry a large supply of Prairie State goods in stock and are prepared to fill orders direct from our warehouse here at Clinton or if nearer, from the factory in Pennsylvania. Customers pay freight or express in all cases.





## OLD GOLD POULTRY FOOD.

A choice mixture in proper proportions of about 10 different grains and seeds, such as cracked corn, wheat, oats, barley, buckwheat, sunflower, kafir corn, millet, &c., with a sprinkling of shells and grit. We prepare and put up this mixture ourselves and have had it duly analyzed and licensed. It is a splendid poultry food at a low price. Try a sack. Price, 1 sack (100 lbs) \$1.50; 10 sacks at \$1.40.

### CRUSHED OYSTER SHELLS.

Our shells are shipped direct from Baltimore in car lots. They are free from dust and dirt. In ordering state whether you want coarse or fine. Price, per sack (100 lbs) 75c; smaller quantities one cent per lb.

### MICA CRYSTAL GRIT.

Price, per sack (100 lbs) 85c; Smaller quantities, one cent per lb.

### GROUND BONE

Price, 25 lbs., 65c; 50 lbs., \$1.25; 100 lbs., \$2.25.

**BONE MEAL**, ground fine for mixing with soft feed, same price.

### ARMOUR'S MEAT MEAL.

Highly recommended for poultry. Thoroughly dried and will keep indefinitely. Price 25 lbs., 65c; 50 lbs., \$1.25; 100 lbs., \$2.25.

**ARMOUR'S BLOOD MEAL.** Unexcelled for poultry and also as a concentrated stock feed. Price 25 lbs. \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.25.

(We offer two little booklets, "Pointers on Blood Meal" and "The Feeding of Farm Animals" free on application.) Largely sold and recommended by many poultrymen as a splendid feed for young chicks. Price, \$2.50 per 100 lbs.

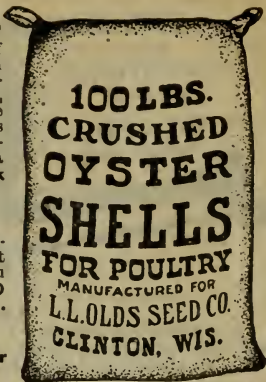


**CHAMBERLAIN'S PERFECT CHICK FEED.** Largely sold and recommended by many poultrymen as a splendid feed for young chicks. Price, \$2.50 per 100 lbs.



**CHAMBERLAIN'S PERFECT HEN FEED.** Price \$2.00 per 100 lbs.

**CHAMBERLAIN'S PERFECT MASH EGG FEED.** Price \$1.75 per 2 bushel sack.



### PURITAN CHICK FOOD.

Claimed to be a perfectly balanced and complete feed for young chicks for the first four weeks. It is claimed also that about one-half of all chick food sold and used is the Puritan Brand.

Price, 5 lbs., 25c; 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.50.

### INTERNATIONAL POULTRY FOOD.

A widely advertised and concentrated preparation. It not only makes hens lay but cures or prevents cholera.

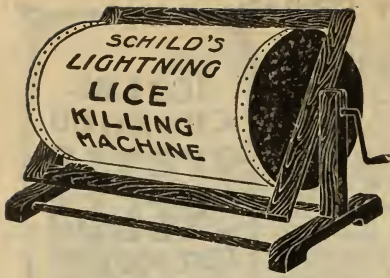
Price, Pkgs., 25c., 50c., and \$1.00; 25 lb. pail \$3.50.

### INTERNATIONAL STOCK FOOD.

A very famous and popular preparation used by farmers everywhere. Hastens fattening of all kinds of stock, increases flow of milk and prevents disease. Cures hog cholera.

Price, pkgs., 25c, 50c, \$1.00; 25 lb. pail, \$3.50.





## LIGHTNING LICE KILLING MACHINE.

A great invention by a hustling poultryman. It is the only lice killer that kills lice instantly on both young and old fowls and the only lice killer of the kind that can be used without injury. Thousands have been sold and have given perfect satisfaction.

**Price, No. 1, Chicken Size, with ½ lb. powder, \$2.50.**

**No. 2, Standard Size for Fowls, with ¾ lb. powder, \$3.00.**

**No. 3, Turkey Size, with ½ lb. powder, \$4.00.**

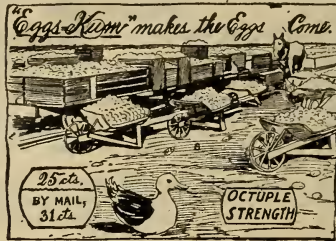
(Schild's illustrated and descriptive catalogue of Lice Killing Machines, Lightning Powder, Lice Murder, etc. free on application.)

## LIGHTNING LICE KILLING POWDER.

The finest and best Lice Killing Powder on the market. Guaranteed to kill lice instantly and without injury to the fowls. One teaspoonful is sufficient for a dozen fowls. Designed to be used with the Lightning Lice Killing Machine. **Price, ½ lb. can, 25c; 1 lb. can, 50c.**

## Schild's Lice Murder.

The best lice killer to use in the hen house because the easiest to apply. A small basin full will kill all the lice in a large poultry house and it can be applied with the bare hand. It is also a splendid disinfectant and can be used everywhere to kill bad odors and disease germs. Sold only in 25 lb. bags. **Price, 25 lbs., \$1.50; 50 lbs., \$2.75; 100 lbs., \$5.00.**



## EGGS-KUM.

Most poultry raisers use some sort of condition powder. Hens will lay eggs if kept in the pink of condition. Eggs-Kum it is claimed will keep them in the pink of condition. It is scientifically made up, thoroughly balanced, and absolutely pure. One teaspoonful is enough for 30 hens.

**Price, per can, 25c. By mail, 31c.**

## HEN-TONE.

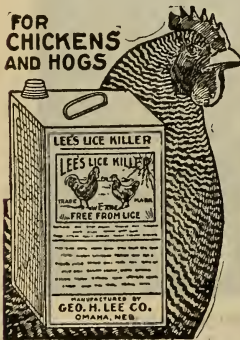
Keeps fowls healthy and wards off disease. Recommended for those who do not like to use condition or forcing powders. A teaspoonful in a quart of water makes a solution to be used in small quantities in the drinking water. **Price; 25c; by mail, 30c.**



## ROUPINO.

A guaranteed cure for roup, catarrh, canker and all kindred ailments. One can makes many gallons of medicine and it is claimed that it never, never fails when directions are followed. **Price, 50c, postpaid.**

## FOR CHICKENS AND HOGS



## LEE'S LICE KILLER.

A liquid preparation for destroying insects on chickens, hogs and other stock. It does the work effectively by simply sprinkling or spraying it on roosts for poultry, or on bedding for hogs. Lee's goods are standard. **Prices, 1 qt., 35c; ½ gall., 60c; 1 gall., \$1.00.**

## LEE'S EGG MAKER.

Only three years old but already gaining a great reputation. It will make hens lay, chicks grow, and keep them all in healthy, vigorous condition. **Prices, 2 ½ lb. pkg., 25c; 25 lb. pail, \$2.00.**

## LEE'S INSECT POWDER.

For Poultry, Stock, Plants, and Vegetables. Generally acknowledged the best Insect Powder. **Prices, 1 ½ lb. box, 25c; 7 lbs., \$1.00; 25 lbs., \$3.00.**



(Complete catalogue of Lee's Poultry Supplies free on application.)

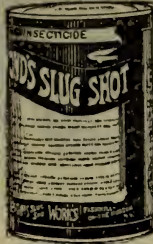
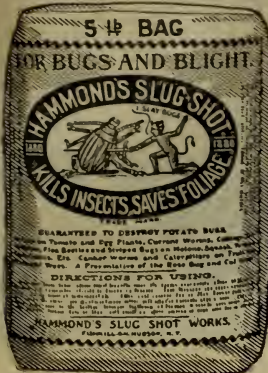


# INSECTICIDES.

## SLUG SHOT.

Well known and largely used everywhere. One of the cheapest and most effective things for destroying potato bugs, cabbage and currant worms, striped bugs, etc. It is a light powder, and is best applied dry. Perfectly safe to use.

Price, 1 lb. box, with perforated top, 10c; 5 and 10 lb. bags 6c per lb; 25 to 50 lbs., at 5c; 100 lbs., \$4.00.



## SLUG SHOT DUSTER.

Made of tin with perforated bottom.  
Price, 2 qt. size, 30c; 4 qt. 45c.

## GRAPE DUST.

A sure preventative and cure for mildew and blight.  
Price, 5 and 10 lb. bags, 7c per lb; 25 to 50 lbs. at 60c; 100 lbs. 5.00.



## BUG DEATH.

Here is something of great value. It will kill potato bugs, squash and cucumber bugs, but it contains no Paris green or arsenic and will not burn the leaves, no matter how freely applied. On the contrary it stimulates growth so that when used on potatoes the extra yield will more than pay for the cost. Many of our growers here used Bug Death last season and found it very satisfactory. Booklet free on application. See potato field treated with Bug Death on page 11 of this catalogue.

Price, lb., 15c; 3 lbs., 35c; 5 lbs., 50c., 1 1/2 lbs., \$1.00; 100 lbs., \$7.00.



Pat. March 16 and Nov. 9, 1897.  
Pat. in Canada Nov. 2, 1897,  
and Jan. 25, 1900.

## PROTECTO.

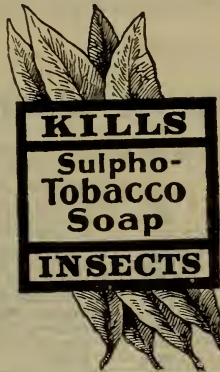
For Corn Growers.

A new discovery of great value to every farmer and corn grower, as well as market gardener. The manufacturers of Protecto claim that it will destroy all disease germs and embryo insects in seed grain, that it fertilizes and vitalizes seed treated with it, and that it generates an odor about the roots of plants springing from treated seed so repulsive to gophers, moles, cut worms, etc., that it effectually preserves the plants from their ravages. Circulars with hundreds of testimonials confirming these claims free on application. Protecto is a liquid, is non-poisonous, and very easily applied. For corn it is simply mixed with the seed one half pint per bushel, before planting begins. Protecto is also used on vines and for cabbage worms, also in poultry houses and for flies and sores on animals.

Price, half pint, 50c; pint, 75c; qt., \$1.25; half gallon, \$2.00.

## SPRAGUE'S LICE KILLER.

A well-known and popular liquid which quickly destroys all vestige of insect life. Used on poultry, cattle, horses, dogs, etc. Also to prevent mice gnawing trees.  
Price, 1/2 gall., 60c; 1 gall., 85c.



## Sulpho Tobacco Soap.

For House Plants.

Fine for exterminating all insect life on plants and flowers in and out of doors. Excellent for rose bushes, shrubs, etc. This popular insecticide never fails to give satisfaction and is cheap, effective and harmless. It is also a superior wash for dogs and other animals. Prevents poultry lice. Notice our offer elsewhere to furnish Sulpho Tobacco Soap free with seeds.

Price 3 oz. cake, sufficient for 1 1/2 gallons, 10c; by mail, 13c; 8 oz. cake, sufficient for 4 gallons, 20c, by mail, 28c.







Baskets Made of Raffia and Reeds.

## RAFFIA.

Basket Weaving of Raffia is all the rage. Any one accustomed to needle work can, with a little practice, do very good work. Many fancy and useful articles besides baskets can be made of Raffia. Plaques, napkin rings, picture frames, chatelains, whisk broom holders, hats and a hundred other things. Our instruction book is fully illustrated and gives complete directions. We have the Natural Raffia and ten different colors. Also Reeds in five sizes.

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**Prices of Reeds:** any size, Nos. 1, 2, 3, 4 and 5, per bunch 10c; 3 bunches, 25c; 1 lb., 75c.

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**Collection offer:** 1 bunch each color of Raffia, one of each size of Reeds. 16 in all, with Instruction Book, all for \$1.25.

(Samples of Raffia and Reeds free on application.)

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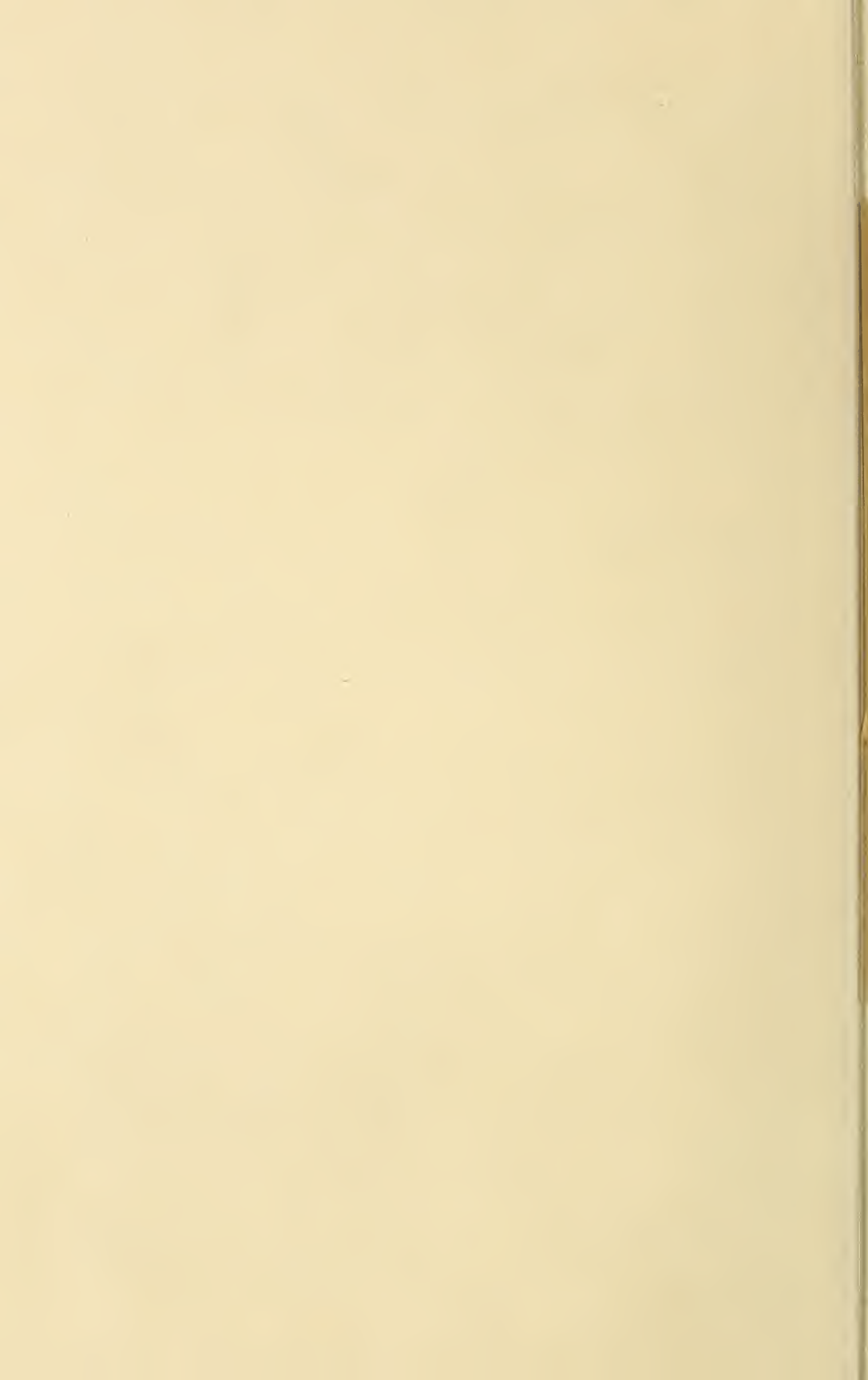


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Potatoes, Garden Seeds, Clover and Grass Seeds go as third class; Grain and Corn as fourth class. The shipping weight of a barrel of potatoes is 180 lbs. We do not have rates to other points east of Chicago, but can get any rate by writing for it. You can get approximate rate by noting rate to some point near you.

	4th	3d		4th	3d		4th	3d
Aib-rt Lea, Minn.	25c	40c	Eau Claire, Wis.	25c	40c	Lanark, Ill.	18c	23c
Amboy Ill.	18c	24c	Elgin, Ill.	16c	21c	LaSalle, Ill.	18c	24c
Aumosa, Ia.	23c	33c	Elkhorn, Wis.	10c	12c	Lawrence, Kas.	40c	50c
Ashland, Wis.	28c	44c	Erie, Pa.	31c	40c	Lincoln, Neb.	36c	49c
Atchison, Kas.	32c	45c	Evansville, Ind.	31c	39c	Logansport, Ind.	26c	35c
Aurora, Ill.	15c	20c	Fargo, N. D.	34c	47c	Madison, Wis.	15c	20c
Baltimore, Md.	42c	52c	Fort Wayne, Ind.	26c	35c	Marshalltown, Ia.	26c	40c
Beloit, Wis.	8c	9c	Fort Dodge, Ia.	30c	43c	Mankato, Minn.	27c	43c
Bloomington, Ill.	22c	29c	Freeport, Ill.	16c	20c	Milwaukee, Wis.	15c	20c
Boston, Mass.	48c	59c	Frement, Neb.	36c	49c	Minneapolis, Minn.	25c	40c
Buffalo, N. Y.	38c	41c	Grand Rapids, Mich.	28c	37c	Mitchell, S. D.	47c	67c
Burlington, Ia.	22c	29c	Granite Falls, Minn.	40c	59c	Nebraska City, Neb.	32c	45c
Cedar Rapids, Ia.	24c	35c	Green Bay, Wis.	20c	29c	New York, N. Y.	45c	55c
Chicago, Ill.	16c	22c	Harvard, Ill.	11c	14c	Omaha, Neb.	32c	45c
Cleveland, O.	31c	40c	Harrisburg, Pa.	42c	52c	Oskosh, Wis.	20c	23c
Clinton, Ia.	22c	29c	Hudson, Wis.	25c	40c	Oskaloosa, Ia.	26c	40c
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Davenport, Ia.	22c	29c	Janesville, Wis.	3c	10c	Philadelphia, Pa.	43c	53c
Des Moines, Ia.	29c	40c	Joliet, Ill.	16c	22c	Pittsburg, Pa.	34c	39c
Detroit, Mich.	29c	38c	Jefferson, Mo.	32c	45c	Pierre, S. D.	60c	80c
Decorah, Ill.	22c	29c	Kansas City, Mo.	32c	45c	Portage, Wis.	19c	25c
Dubuque, Ia.	22c	29c	LaCrosse, Wis.	23c	33c	Peoria, Ill.	22c	29c
						Racine, Wis.	15c	20c
						Richmond, Va.	42c	52c
						Rochester, N. Y.	37c	46c
						Rockford, Ill.	14c	17c
						Rock Island, Ill.	22c	29c
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						St. Louis, Mo.	23c	29c
						St. Joseph, Mo.	32c	43c
						South Bend, Ind.	25c	34c
						Springfield, Ill.	22c	29c
						Springfield, Mo.	32c	40c
						Syracuse, N. Y.	39c	48c
						Terre Haute, Ind.	27c	36c
						Toledo, O.	29c	38c
						Topeka, Kan.	42c	54c
						Waukesha, Wis.	15c	27c
						Washington, D. C.	42c	52c
						Wheeling, W. Va.	43c	53c
						Wichita, Kan.	64c	81c
						Witona, Minn.	23c	33c
						Worthington, Minn.	32c	45c
						Yankton, S. D.	37c	51c





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State ..... **Wisconsin.** .....

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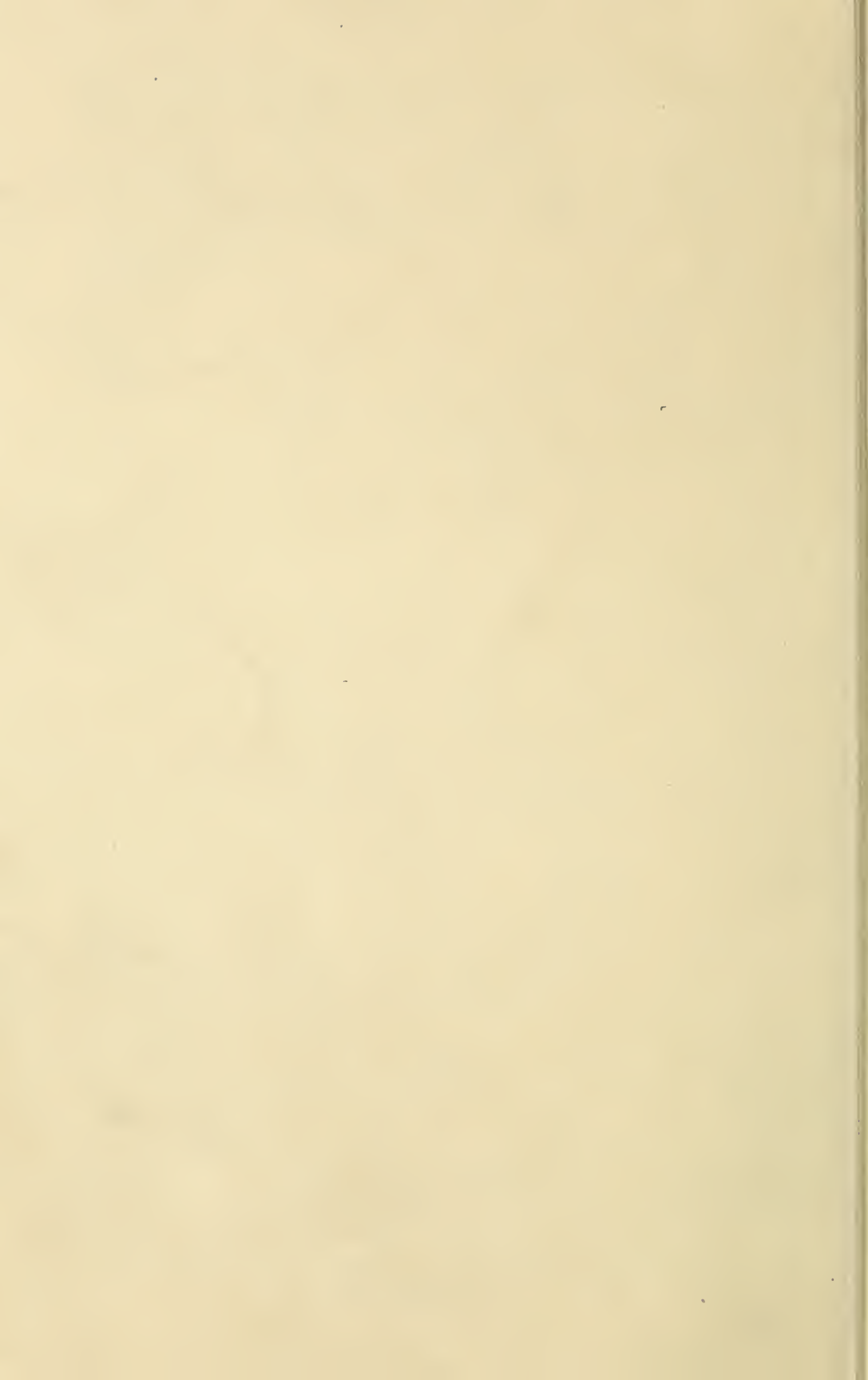
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Make out your order on this sheet. More Order Blanks will be sent on request. Find Money Order Application Blank enclosed.

# ORDER SHEET FOR SEEDS, POTATOES, TOOLS, ETC. L. L. OLDS SEED CO., Clinton, Wis.

(Write plainly, please.) Your Name----- Post Office----- County----- State----- R. R. Station } (If different from P. O. }----- County----- State----- Shall we { Mail, Freight } forward by { or Express.* }-----	Date----- 1904  <b>Amount Enclosed.</b>  Money Order, \$----- Draft, \$----- Cash or Stamps, \$----- Total \$-----	(Please do not write here.) Order No.----- Am't Rec'd.----- When rec'd----- Filled-----By-----Pieces----- Filled-----By-----Pieces----- When shipped----- How shipped-----
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QUANTITY	VARIETY.	PRICE.	QUANTITY	VARIETY.	PRICE.

\*Do not have heavy goods sent by Express unless you know about what it will cost. Freight is just as safe and much cheaper. Please write on the back of this sheet the names and addresses of 10 or 15 good progressive farmers at your Post Office. For your trouble we will send a 5-cent packet of Garden Seeds (your selection) extra, or, if preferred, one of our Pocket Maps. (See catalogue.)

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