

Old 6297 1903

# 16<sup>TH</sup> ANNUAL SEED CATALOGUE 1903



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*OUR MOTTO:  
Truthfulness,  
Promptness,  
Carefulness*

OLDS' OLD GOLD

# L. L. OLDS CLINTON · WIS



Seed Warehouse at Clinton, on the C. & N. W. Railway.

With best wishes we present this our 16th Annual Catalogue. We acknowledge very gratefully the splendid patronage of last season, when our business almost doubled again, and wish to announce that we have a better stock of potatoes and seeds now than ever before, and will do our best to serve our customers well. We shall try harder than ever to live up to our three-fold motto, believing that every customer worth having will appreciate in a seedsman, truthfulness in the make up of his catalogue, promptness in filling orders and answering inquiries, and carefulness in all the details of the business.

For the benefit of those who do not know us we reproduce below some things that have been said about us here at home. If you should happen to receive two catalogues will you kindly hand one to a neighbor?

Yours very truly, L. L. OLDS

**From the Rook County Banner of Feb. 20, 1902.  
"A PROSPEROUS HOME INDUSTRY."**

It is no exaggeration to say that Clinton is in a section of the country that is at once the garden spot of Wisconsin, and one of the most fertile regions in the whole land. Clinton is also fortunate in being on two great lines of railroad—the Chicago & Northwestern, and the Chicago, Milwaukee & St. Paul—whereby it has direct and speedy communication with Chicago and Milwaukee, and all parts of the country. This renders it a most desirable place for many industries, and especially for those that have direct association with the products of the soil. To this fact, combined with the business foresight, management and integrity that have always marked the enterprise is due in very large measure the rapid and substantial growth of the seed business which our fellow townsman, L. L. Olds, has built up since he commenced fifteen years ago.

On the covers of the catalogue which Mr. Olds has sent forth this year to the number of 50,000 are pictures of two warehouses. The smaller one sufficient for the business a few years ago; now the two combined scarcely suffice. The smaller structure is by no means a small one being 24 by 65 in size, but the larger one is twice the width of the smaller and 31 feet longer, being 48 by 96 with four stories, including the basement.

A visit to the building is well worth taking. In the basement are thousands of bushels of potatoes stored in bins holding from 500 bushels to 1500 bushels apiece, and other thousands are placed in barrels ready for shipping. Going from the basement to the first floor we find that we are still surrounded by potatoes. Here are long rows of barrels piled one above another, and all filled ready to ship as soon as the weather permits. Here are the old favorites, Early

Ohio, and with them the Acme, and Triumph; and some seventeen other varieties. Large quantities of the potatoes shipped by Mr. Olds are raised in this vicinity by the farmers who make yearly contracts with him.

Ascending to the second floor, we leave potatoes behind, and instead find ourselves in the midst of almost innumerable sacks of grain of different kinds. Here are millet, rape, oats, clover, corn, barley, and well nigh every other kind of grain and grass sown by the farmer. At one end of this room is the garden seed department with compartments all round the walls containing packages of seeds, and bins and boxes full of seeds in bulk.

The third floor is mainly used as a storage room, but the east end is partitioned off and converted into a drying room. The artificial heat is so arranged that the process of drying is done most thoroughly, and all the corn thus heated is bright in color and of high fertility.

An elevator runs from basement to upper floor. The building is heated by furnace, the temperature being regulated to suit the wants of the different commodities. Gas is laid in so that work can be done by night.

It is a matter for much gratification to learn that the business was never so good as now, being far in excess of last year or any former year.

**What our Bankers say.**

"I have known L. L. Olds for many years and can bear record to his strict integrity and reliability as a business man. Everyone who orders of him may feel confident that his wants will have prompt and careful attention and that everything will be as he represents it. He is well prepared now to take good care of his large and growing business."

H. A. MOEHLEPAH,  
Cashier Citizens' Bank of Clinton





**THE CLINTON.** During the last ten years we have introduced four famous potatoes: World's Fair in 1893, Vigorosa in 1897, Pingree in 1899 and Pat's choice in 1900. It is now three years since we brought out Pat's Choice. In that time we have tried many new seedlings with a view to introducing them, but we are very jealous of our reputation and not until this year have we found any that came up to our ideas. Now we have two splendid new varieties to offer our customers: "**The Clinton**," representing the highest mark for heavy yield and strong growth, and "**Vornehm**" (pronounced för'nāme) the best for quality. We control the entire stock of both these varieties. Neither has ever been offered before and cannot be obtained this year of anyone else.

"**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 are free from scab.

Price of "**The Clinton**" for 1903: By mail, postpaid, 1 lb. 50c; 3 lbs. 90c. By freight, 1 lb. 40c; ½ pk. 65c; pk. (15 lbs.) \$1.00; bu. (60 lbs.) \$2.75; bbl. (165 lbs.) \$6.00.

**HUMPHREY'S CONCAVE  
POTATO KNIFE.**



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

**FROM THE PRAIRIE FARMER OF SEPT. 20, '02  
A Potato Yield Record.**

"A potato patch belonging to Henry Field, of Page county, Iowa, breaks all records for abundance of yield, as he will take 500 bushels from each of his five acres. He had claimed all season that the yield would be 200 bushels, so its greatness was a surprise even to him. The variety grown is the White Ohio, a seedling of the Early Ohio, which it resembles greatly. The seed came from the Red River country in N. D."

**VORNEHM.** (pronounced For name)

A German word meaning delicious, fine, aristocratic, in the front rank. 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. We know this is something very valuable and intend to push it hard next year. The stock is now so small that we can sell not more than one peck to each customer. **Price of Vornehm for 1903: By mail, 1 lb., 60c; 3 lbs., \$1.25. By freight, 1 lb., 50c ½pk., 90c; pk., \$1.50.**



A GENUINE OHIO

WITH WHITE SKIN

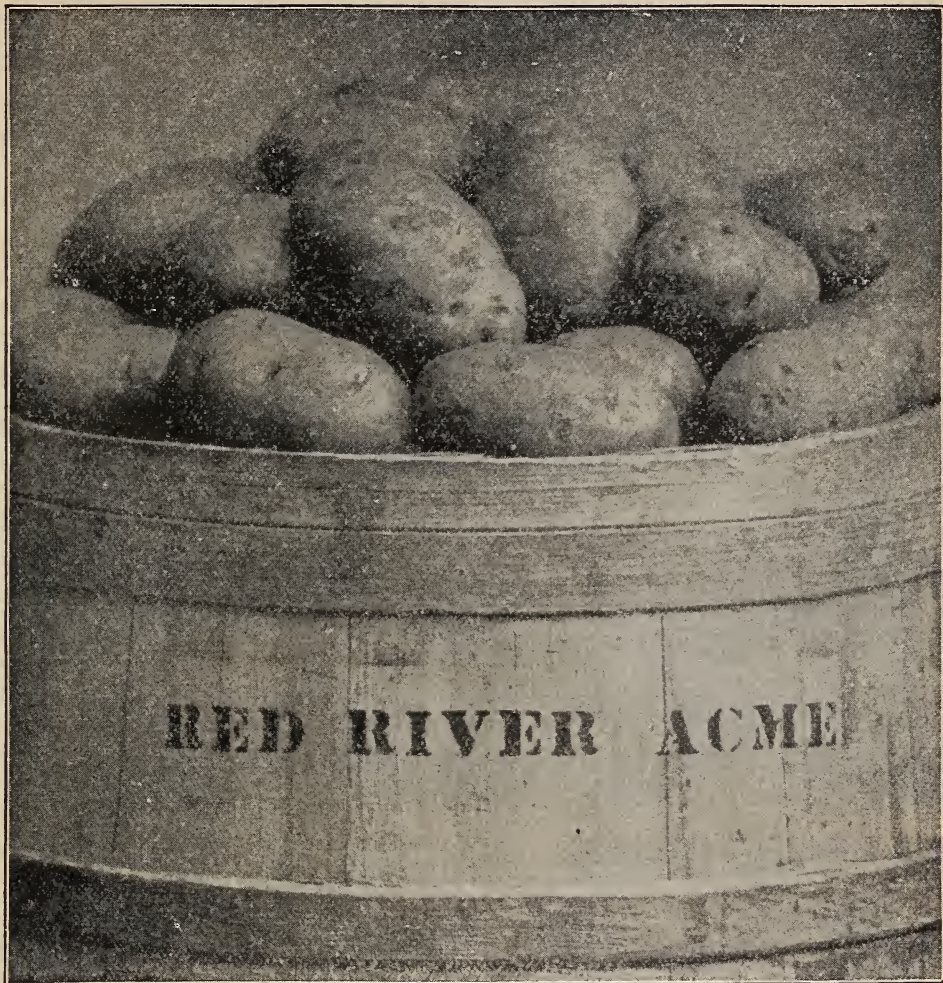
**RED RIVER WHITE OHIO.** Identical in every way with Red River Early Ohio except in color, which is a fine white or nearly so. The great demand in every market now is for a white potato and even the good old Ohio, the standard for extra early, often has to suffer because of its skin. Here we have a **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.** Note experience of Henry Field, on preceding page. **Price of Red River White Ohio:—By mail, 1 lb., 25c; 3 lbs., 55c. By freight, 1 lb., 30c; 3 lbs., 50c; bu., \$1.40; bbl., \$3.50. Home Grown White Ohio:—By mail, 1 lb., 25c; 3 lbs., 55c; bu., \$1.30; bbl., \$3.25. Seconds, pk., 35c; bu., \$1.00; bbl., \$2.50.**



**RED RIVER EARLY OHIO.** 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 above 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 sold 6000 bushels of Red River Valley grown potatoes last year. This year we have more than that already and more to come, and they are very fine too. Our grower in the Red River Valley, who has furnished us stock every year for many years, says of the Early Ohios shipped us this year—"We think the lot, as a whole, the best we ever shipped. The potatoes ripened perfectly before frost came and that makes them look bright and nice."

Price of Red River Grown Early Ohio:—By mail, postpaid, lb., 20c; 3 lbs., 45c. By express or freight, lb., 10c;  $\frac{1}{2}$  pk., 25c; pk., 45c; bu., \$1.20; bbl., \$3.00. Home Grown, from Red River seed, pk., 40c; bu., \$1.10, bbl., \$2.75. Seconds, pk., 30c; bu., 80c; bbl., \$2.00. For description of seconds see page 13.

The pound and half peck prices for all varieties of potatoes, will be the same as for Red River Early Ohio unless otherwise stated. Remember the discounts, page 1.



**RED RIVER ACME.** Very similar to Early Ohio, as our illustration shows. If anything Acme is 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 have a splendid stock of Red River Acme this year, pure and smooth. Also a limited stock of home grown seed, both firsts and seconds.

Price, all three grades, same as for Early Ohio.

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

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."

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."

J. P. Mitchell, Downers Grove, Ill:— "Your goods are always very satisfactory."

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)

J. E. Fosselman, Pa:— I received the barrel of potatoes yesterday, the 15th; they are fine. You can expect my order hereafter."



**RED RIVER TRIUMPH.** 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 large 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., \$1.20; bbl., \$3.00.



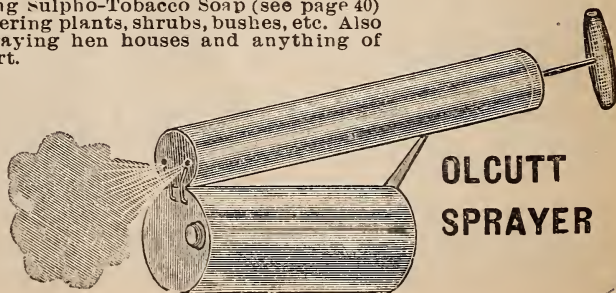
**Fountain  
Sprayer**

**FOUNTAIN SPRAYER.** The latest thing in force sprayers. Strong, durable, practical. Made of galvanized iron, strongly riveted and guaranteed throughout. To spray potatoes, take it by the handle and walk along the row and at each hill press the thumb valve, letting out a fine spray as shown in the cut. It may also be used for spraying trees, bushes and vines, for washing buggies and windows, sprinkling lawns, extinguishing fires, etc. Price, \$5.00. Fruit tree attachment, 50c extra.

**OLCUTT SPRAYER.** Has double tube and throws a double spray. A great thing for the money. Price, only 75c.

**ACME SPRAYER.** Single tube. Price 50c.

These small sprayers are just the thing for applying sulpho-Tobacco Soap (see page 40) on flowering plants, shrubs, bushes, etc. Also for spraying hen houses and anything of that sort.



**OLCUTT  
SPRAYER**



**RED RIVER EARLY MICHIGAN**

Pure white, rather long, quite early. A handsome potato and of nice shape. The Early Michigan is popular and deservedly so. It is fine looking, flesh and skin both pure white, well netted, of excellent quality, a strong grower, tubers always very numerous and one of the best yielders we have. It seems to be specially well adapted to clay soil. We have one carload of choice Red River grown from seed that we sent up there last spring.

Price, Red River grown, pk., 45c; bu., \$1.20; bbl., \$3.00.

Home grown, pk., 40c; bu., \$1.10; bbl., \$2.75. Second size, pk., 30c; bu., 80c; bbl., \$2.00.

**Salzer's Sunlight**

Another white-skinned early of recent introduction, and a very good one. The tubers are rather long, smooth in shape and fine looking. As grown on our farm last season, Sunlight made a splendid yield of large handsome potatoes. Price, pk.,

bu., 40c; \$1.20; bbl., \$3.00.

**Six Weeks** An extra early variety belonging to the Ohio family. Quite popular and listed in many catalogues. We have but a small stock, all home grown. Price, same as for home grown Early Michigan.



**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 **the 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. Price, pk, 40c; bu., \$1.10; bbl., \$2.65. Second size, pk., 30c; bu., 80c; bbl., \$2.00.

**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 yielder and an extra early. Price, pk., 40c; bu., \$1.10; bbl., \$2.75.



**Invincible  
Potato  
Planter.**  
PATENTED.

### Invincible Potato Planter.

The latest thing in hand potato planters. Made strong but light, wind resistance reduced to a minimum, handle adjustable to any height, sharp jaw entering as easily as a spade, adjustable spring, no clogging and falling to plant.

Price, \$1.15.

### The Acme Potato Planter.

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.

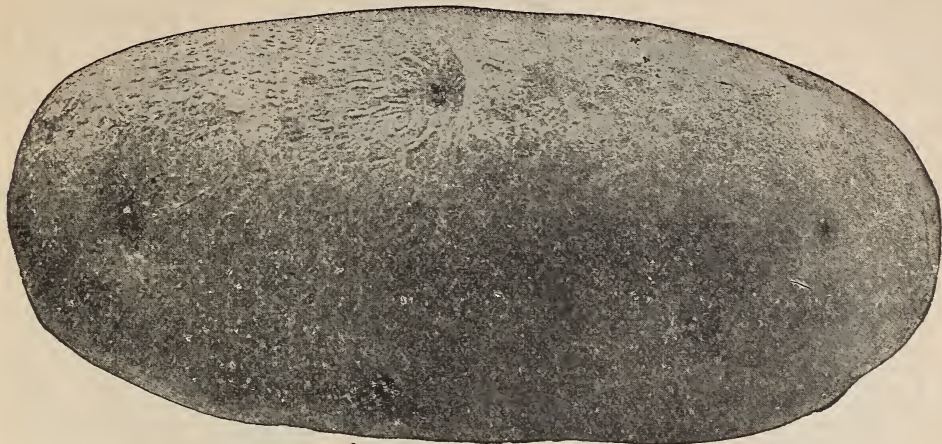
Price, 75c. 3 for \$2.00.

**ACME CORN PLANTER.** Simple, durable and accurate. Plain, 75c; with Pumpkin seed attachment, \$1.00.

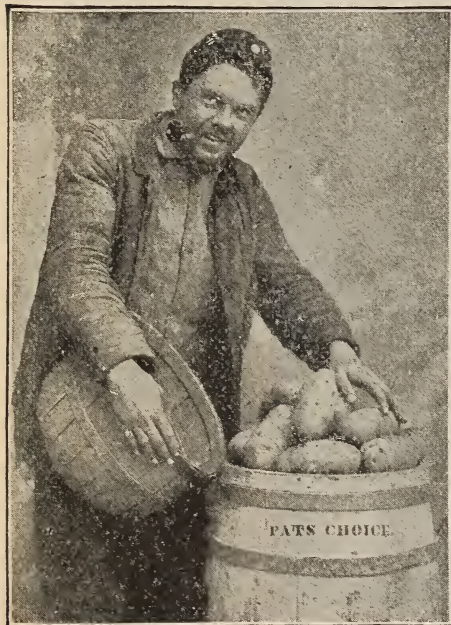
**SEED SACK.** Made especially for the purpose, with iron hoop to keep the mouth open, strong and convenient. Price, 40c.

**ACME  
PLANTER**





PAT'S CHOICE, GREATEST OF ALL LATE POTATOES.



Mr. Amos Garretson, one of our Indiana customers has sent us the following:

"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.

Price, pk., 40c; bu., \$1.10; bbl., \$2.75.  
Seconds, pk., 30c; bu., 80c; bbl., \$2.00.

### 3 1-2 Bushels From 1-2 Peck.

Thos. Cocker, Minnesota, writes:—"I got a peck of Pat's Choice last spring and let one of my neighbors have half of them; so that left 7½ lbs. I planted them and got 3½ bushels, all large potatoes. They are the nicest potatoes I ever saw. I have the Carman No. 1 and the Burbank and Early Ohio, but they don't come near to Pat's Choice. I have sold some of them at 5 cents per pound and shall sell all of them at that price."

### 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."

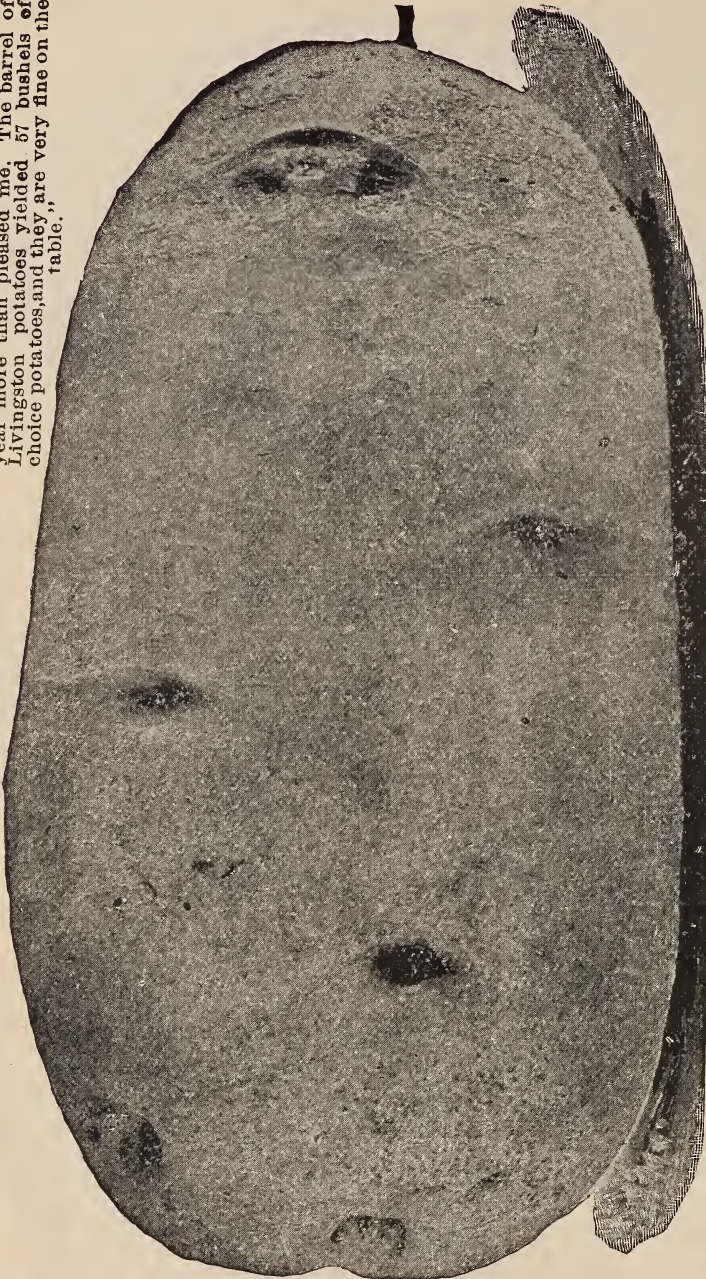
T. A. E. Luke, Mass., writes:—"I bought seed potatoes of you last year and was very pleased to find them so unmixed and true to name. I shall plant Pat's Choice this year for my main crop, for it yielded extra (for last season) of fine large potatoes of excellent quality."

**GERMAN EARLY ROSE** An improved strain of the well-known Early Rose from seed brought over from Germany. We have only a small stock. Price, same as for Pat's Choice.

**KING OF MICHIGAN** A handsome looking, medium early white potato, recently introduced by a Michigan firm. We have only a few barrels. Price, while they last, pk., 45c; bu., \$1.20; bbl., \$3.00.

NEXT TO PAT'S CHOICE, BEST LATE POTATO.

Daniel Hamm, Oswego, Ill., writes:—"Enclosed find order for seeds. The seeds you sent me last year more than pleased me. The barrel of Livingston potatoes yielded 57 bushels of choice potatoes, and they are very fine on the table."



### THE LIVINGSTON.

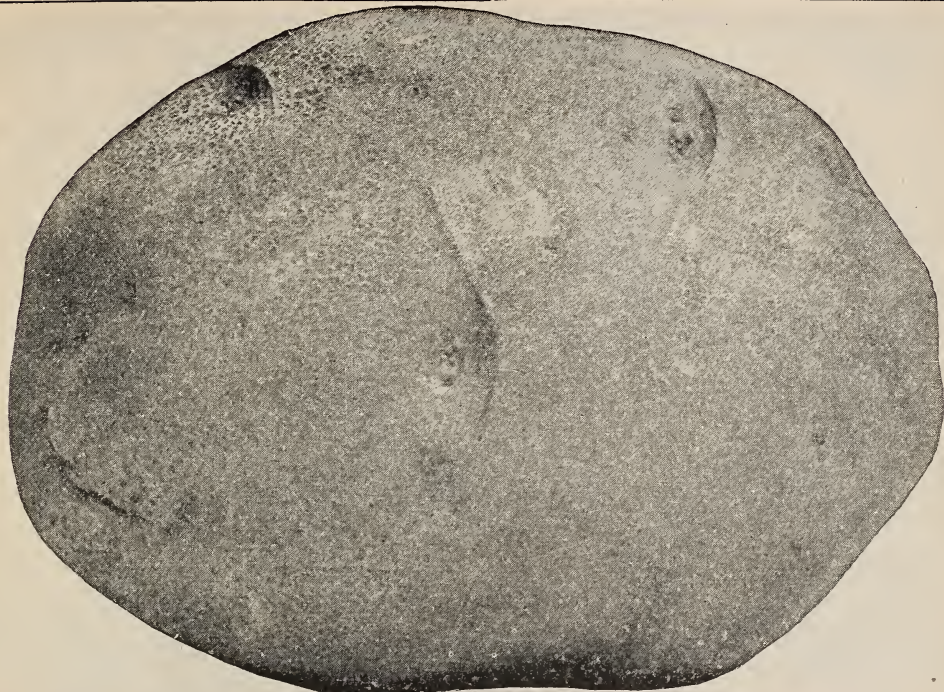
Introduced in 1896 by A. W. Livingston's Sons as "A White Seneca Beauty." The above photograph gives a good idea of its size, smoothness and desirable shape. It has few eyes and those are very shallow. The Seneca Beauty is well known as one of the most beautiful of all potatoes, but when the rose-colored skin is changed to white with the "peach-blow eyes", still retained, it is indeed a beauty. We have had the Livingston six 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. Order early. Our Livingston this year are not up to the usual size, but are large enough. **Price, pk. 40c. bu., \$1.10; bbl., \$2.65. Second Size, pk., 30c; bu., 80c; bbl., \$2.00.**

### Rural New Yorker No. 2.

Well known now the country over, and very largely planted for a profitable main crop. 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. **Price, pk., 35c; bu., \$1.00, bbl., \$2.50. Seconds pk., 30c; bu., 75c; bbl., \$1.75.**

### 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*. **Price, pk., 40c; bu., \$1.10; bbl., \$2.65.**



Photograph of a typical Sir Walter Raleigh, natural size.

**SIR WALTER RALEIGH** Most profitable, all-around, main crop variety for both the farmer and potato grower. It is generally spoken of as "Mr. Carman's Best" and that is what we call it. With our growers here this last year it has made the very best record of all our varieties for **yield, size, smoothness and handsome appearance**. It is a regular Rural New Yorker in type and sells for Rural in Chicago market; but it came out 8 years later than that famous variety and has all that much advantage in strength and vigor. Our illustration, which is an exact photograph of a tuber taken out of our bins shows just how Sir Walter Raleigh looks. 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. **Price, pk, 35c; bu., \$1.00; bbl., \$2.50. Second size, pk. 30c; bu. 75c; bbl. \$1.75.**



**White Mammoth.** A large handsome white potato, well netted and of excellent quality. It was first introduced four 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. Price, same as for Sir Walter Raleigh.



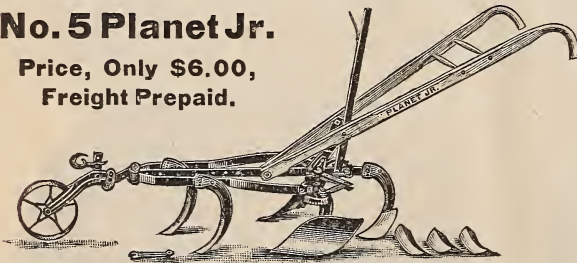
**Commercial. THE BIG POTATO.** Fine for exhibition purposes. Introduced in 1899 by Maule. A seedling of Wilson Rose. Described as earlier than Sir Walter Raleigh, of large size, oblong in shape, rather flat, skin pink, well russeted, a heavy cropper and the best of keepers. With us the Commercial makes always a splendid growth, and gives large yields of very large potatoes. They were the largest the past season of any of our varieties. Price, same as Raleigh. No Seconds.



**BANNER.** A grand potato, large, handsome and very prolific. 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 and Sir Walter Raleigh we have always thought it a trifle earlier. We would certainly give it second place in the list of Rural type varieties next to Sir Walter Raleigh, if not first place. It is **sure to suit.** Price, pk. 35c; bu. 1.00; bbl. \$2.50. Second size, pk. 30c; bu. 75c; bbl. \$1.75.

**No. 5 Planet Jr.**

Price, Only \$6.00,  
Freight Prepaid.



We handle all the Planet Jr. Tools, and furnish them, freight prepaid, except to far west points at 50 cents below list prices. They are the best everywhere. Complete Catalogue describing and illustrating all the hand and horse tools, cultivators, harrows, seed drills, wheel hoes, etc., on application. Our regular discounts do not apply on Planet Jr. Tools.

**SLUG SHOT.** Well known everywhere, and the cheapest and most effective thing for destroying Potato Bugs, Cabbage and Currant Worms, Striped Bugs, &c. It is a light powder, and is best applied dry. Perfectly safe to use. Price, 1 lb. Cartons, made of pasteboard, with perforated top, (enough for a small garden,) only 10 cents each. 5 and 10 lb pkgs. 6c per lb. 25 to 50 lbs. at 5c per lb.

**SLUG SHOT DUSTER.** Made of tin with handle and perforated bottom. 1/2 gallon 30c; gallon 45c.

**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.



POTATO BALLS.





**CARMAN NO. 3** Another variety of the Rural family, immensely popular. It came out in 1895 and so is two years older than its great rival, Sir Walter Raleigh. It is a splendid main-crop potato. 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. **Price, pk., 35c; bu., \$1.00; bbl., \$2.50. Second size, pk., 30c; bu., 75c; bbl., \$1.75.**

**SPECIAL COLLECTION OFFERS** The following are for those who wish to try all our varieties, or who grow for exhibition purposes. As potatoes do not mix in the ground, a large number of varieties, can be planted side by side. These prices are not subject to any discounts, and do not include postage.

OFFER NO. 1	One good tuber every var'y,	21	in all, incl'd'g "The Clinton" and "Vornehm"	\$1.50
OFFER NO. 2	" pound	" 21	" " " " " "	2.00
OFFER NO. 3	" half peck	" 21	" " " " " "	4.50
OFFER NO. 4	" peck	" 21	" " " " " "	7.50
OFFER NO. 5	" bushel	" 20	except Vornehm	20.00

### 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 165 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.

**OUR SECOND SIZE POTATOES** are smooth clean tubers, weighing from 1½ to 3 ounces, not the very smallest (those we sell for feed.) They are sorted and put up just as carefully as our first size, rough and scabby ones being removed. We sell these as quoted while they last, but if out of seconds, and order should be shipped at once, we will send your money's worth of firsts unless you say not to. We will not send a different variety from the one ordered however without permission.

**Our prices are as low as is consistent with first-class stock, but if market prices should decline and so our price on anything seem too high, write us and we will try to quote lower.**

# SELECT FIRE DRIED SEED CORN TIPPED TESTED

We give a **great amount of care and thought** to our Seed Corn Department. Every careful farmer knows that there is hardly a crop where carelessness in the seed will be more disastrous than in the corn crop. We are determined to send out **always choice seed and seed that is sure to grow.**

**We guarantee all our seed corn to grow satisfactorily.** We will not be responsible for the crop, however, further than the amount paid for the seed. All our corn is tested, and we do not send out any that does not make what we call a good test. However, we always prefer to have our customers order early and test the seed themselves.

**All our dent corn is tipped before shelling.** It costs more to tip it, 10 or 15 cts. per bu. 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 varieties will be furnished on the ear if desired, at 25c 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 take the utmost pains in selecting,** handling over every ear carefully by hand several times. Our homegrown seed of Reids, Reliance, Pride of the North, Silver Mine and White Cap we shall use as long as it lasts for Wis. and Minn. orders and states of the same latitude. Our Ill. grown stock, most of which is shipped to us on the ear, in the fall, and dried and shelled right here, is very fine indeed, and will be the best for Ill., Ind. and Iowa, and states further south and west.

**Sample ear, any variety except Old Gold, 15c. postpaid. Not prepaid, 5c.**



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

**REID'S YELLOW DENT** The most popular Yellow Dent among the corn growers of Ill. We were told that nine-tenths of all the entries of yellow corn at Ill. State Fair last year were of this variety. It originated with Jas. L. Reid, the veteran corn grower. Sometimes known as Worlds Fair Corn, because awarded a gold medal and sweepstakes at the Chicago Worlds Fair. It has also taken many premiums at Ill. 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. It is most too late for Wis. although quite largely grown in the southern part of the state. In fact, this last season, as a rule, about the hardest and best corn we had here was Reid's Yellow Dent.

Most of our Reid's was grown in Ill., about 100 miles directly south of us, in the northern edge of the corn belt. This stock is large and **very fine.** Limited stock of home grown, not as perfect but better for northern customers.

**Price, either stock, pk., 50c, bu., (56 lbs) \$1.75; 2½ bus., (one bag) \$4.00.**

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."





(See Photograph of an Ear, Reduced in Size, on Front Cover.)

**OLDS' OLD GOLD.** A grand, new, early thoroughbred, Yellow Dent, now offered for the first time. The latest and greatest production of Mr. J. H. Beagley, the great seed corn grower and breeder, and the originator of the famous Iowa Silver Mine. Last spring we bought this valuable corn novelty of Mr. Beagley, at a high price, arranging with him to grow our stock for this year. So all that we have to offer this year was grown by the originator at Sibley, 100 miles south of Chicago. He describes the corn at length as follows:

"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 ten 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. Summary:

This variety combines earliness, size, color, depth of grain, strength of plant and luxuriant fodder growth, ease of husking, freedom from barren stalks, will yield more shelled grain from a given weight of ears than any corn of its size. These qualities combined in one variety mark it as being the very best yellow corn grown and will make it also the greatest yielder yet introduced. This variety has won many premiums among which it won first over all at the Illinois State Fair, last year."

Of the above description, Mr. Beagley says: "Have stated actual cold facts, if it needs retouching and coloring you will have to do that. Could give you a highly colored, exaggerated version if desired but prefer not to."

The writer personally visited the growing crop at Mr. Beagley's about October 1st, and carefully examined it. We found it at that time a little **harder** and **more mature** than Silver Mine planted at the same time, and **decidedly ahead** of Reid's Yellow Dent in season. The stalk was not as large as Reid's but about like Silver Mine, and more leafy than either. In fact the abundant foliage of the corn was very noticeable. The **uniformity of type** of the corn, was also very apparent, showing that it was pure bred and not a cross. Also, the **perfect ears** and **well-filled tips** were something we could not help admire. Altogether we think we have here about the finest thing in the corn line ever introduced, and we recommend it confidently to our customers, believing that it will certainly be **the coming popular yellow corn** for Northern Illinois and Southern Wisconsin and all similar latitudes.

**Price of Olds' Old Gold: by mail, postpaid, one ear, 35 cts. Not prepaid, single ear, 25 cts; ½ pk. (shelled) 50c; pk. 75c; bu. \$2.25; 2½ bus. (one bag) \$5.00.**



## RELIANCE YELLOW DENT.

The best corn for this latitude that we know of except Olds' Old Gold. It is medium early, ripening in about 95 days, has the deepest kernel and smallest cob of any variety, ears filled clear to the tips, and it is very productive. The stalk is not too large, very leafy, a splendid corn for cutting up. It is really an improved Iowa Gold Mine, but earlier than Gold Mine, being a cross of that variety and Wis. Yellow Dent. Our stock is home grown, but quite limited. Order early. Price, pk. 50c; bu. \$ 1.75; 2½ bus. \$4.00.

**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, 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. We have a limited stock of home grown, and a large stock of very fine Ill. grown from same place as our Reid's Yellow Dent. Price, either stock, pk. 50; bu. \$ 1.75. 2½ bus. \$4.00.

**Pride of the North.** A well known very early Yellow Dent. Cobs are small and kernels long, so that while the ears are not large the proportion of shelled corn is unusual. We have both home grown and Ill. grown, the same as of Reid's and Silver Mine. Our Ill. stock is a much improved strain. It has been grown and selected for a long term of years on the same farm and is very fine corn, larger than most Pride. Our grower maintains that it will outyield both Reid's and Silver Mine in shelled corn. Price, either stock, pk. 50c; bu. \$1.75; 2½ bus. \$4.00.

**White Cap Yellow Dent.** About as early as Pride of the North and considerably larger. It grows 6 or 7 feet high, with abundant foliage and pretty good sized ear. Outer end of the kernel white, balance amber yellow. Our seed is home grown. Price, same as for Pride of the North.

**Minnesota Leaming.** A strain of Leaming grown for several years in Minn. Much earlier than ordinary Leaming, but with shorter kernel. Our stock, being Minn. grown is well adapted to the northern states. Pk. 50c; bu. \$1.75; 2½ bus. \$4.00.

**Minnesota King.** (Half Dent) A cross between dent and flint. The ear is good-sized, 8-rowed, cob small, with very large, broad kernels of a rich golden color. Very early. Home grown. Pk. 50c; bu. \$1.75; 2½ bus. \$4.00.

**RED COB ENSILAGE.** A southern type of large white corn with deep red cob. Adapted to all sections of the country, and a general favorite. Peck 35c; bu. \$1.15; 2½ bus. \$2.50.

**SOUTHERN WHITE ENSILAGE.** Price same as Red Cob.

**MAMMOTH SOUTHERN.** Largest variety of ensilage. Pk. 40c; bu. \$1.35; 2½ bus. \$3.00.

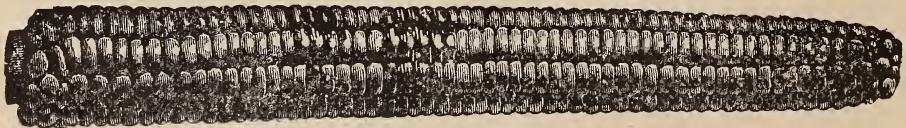
**EVERGREEN SWEET CORN.** A good fodder grade of this famous variety. Peck, 60c; bu. \$2.00; 2½ bus. \$4.50.



**Pop Corn.** Price, either variety, shelled, 2 oz. pkt. 5c; lb. 10c; 3 lbs. 25c, 10 lbs. 60c. By mail, 8c per lb. more.

**ILLINOIS SNOWBALL.** An improved White Rice. A cross of Rice and White Pearl.

**QUEEN'S GOLDEN.** Large and handsome. Pops perfectly white, a single kernel expanding to nearly an inch.



Early Longfellow Yellow Flint, the favorite with Dairymen.

**Longfellow Flint.** A beautiful eight-rowed yellow flint. Ears 10 to 15 inches long, kernels large and broad, cob small. Very prolific. Price, peck, 60c; bu. \$1.90; 2½ bus. \$4.25.

**King Philip.** A very early, 8-rowed, red flint. Ripens in 80 days. Good sized ear and heavy yielder. Price, same as Longfellow Flint.



## MANDSCHEURI BARLEY.

This is our main standard barley. There is no better variety for a money maker anywhere. It is an early six rowed variety with very strong straw, bearing long, well filled heads of plump grain. 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 is 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. Our seed is genuine, being from the original Ex. Station stock, and is thoroughly cleaned specially for seed. Price, pk., 30c; bu., (48 lbs.) 85c; 2 bus. or over, at 75c.

**SILVER KING BARLEY.** (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. We have grown it three years. It pleases us well, seems quite similar to Mandscheuri. Just as good we think, and a newer variety than Mandscheuri. If you want Salzer's Silver King you will save money by buying of us. Pk., 30c; bu., 85c; 2 bus. or more at 75c.

## CHAMPION BEARDESS BARLEY.

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. Also, it is perfectly pure. The Success always showed a few heads of bearded barley. 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 much 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 would have been very fine but for the continual rains during harvest. As it is, it is badly colored and does not look well, but tests well and is all right for seed. Price, pk., 30c; bu., 90c; 2 bus. or over at 80c.

Remember our discounts. Sacks free with all orders. We ship barley and oats in extra heavy hemmed top jute sacks, same size and shape as grain bags. All our barley this year is a good deal colored, but will grow all right. Samples sent when requested.



Champion Beardless Barley.

## WISCONSIN SEED OATS.

We have a large stock of the best varieties of oats, grown especially for seed. It pays well to change seed and at our low prices a splendid opportunity is afforded to secure the new and improved varieties. Sacks free in all cases, and liberal discounts on large orders.

**BIG FOUR** (See illustration on inside of back cover.) The very best oats we grew here last year were Big Four. This is the fifth year we have catalogued this variety. We always thought it was a good one, but never appreciated it as we do now. It has the **plumpest kernel** of any variety on our list, and is as large every way as any. It is always a **very white** oat free from black kernels, and this year certainly it is the **brightest** oat that we have. Then it has a **wonderfully stiff straw**, so that it stood up well in spite of one of the worst seasons for rain ever known. It is medium early, and a **great yielder**. A yield record is claimed for it of **250 bushels per acre**. Do not hesitate to order Big Four. It will please you. **Price, pk. 25c; bu. (32 lbs.) 75c; 2½ bus. or over, at 65c.**

**MORTGAGE LIFTER** A large white oat of recent introduction. A very strong, thrifty yielder under all conditions. Our stock is quite limited, but very choice, being bright and heavy. It was grown by H. P. West of Walworth Co., Wis. **Price, Pk. 25c; bu. 75c; 2½ bus. or over at 65c.**

**AMERICAN BANNER** Another prolific white oat that has made great records in some sections. Our stock is from the same grower as our Mortgage Lifter and equally choice. **Price, the same.**



MICHIGAN WONDER.

**MICHIGAN WONDER** A splendid variety, and one that has been a favorite with us ever since its introduction, six years ago. Earlier than most varieties, but a strong grower and a heavy yielder. The illustration on the inside of the back cover gives some idea of the growth. Straw as high as a man's head. **Price, pk., 25c; bu., 60c; 2½ bus. or over, at 50c.**



## Irish Victor.

**NEW BLOOD.  
LARGE GRAIN.  
BEST YIELDER.**



**LINCOLN OATS.** The Lincoln is our oldest variety, but one of the best. Like the great man whom it was named after, it is a **leader everywhere**. It originated in Minnesota and was introduced in 1893. It seems to have met with favor from the very first, and it now appears in nearly every seed catalogue. We have found it **wonderfully productive** and with a **remarkably stiff straw**. It is a large white oat, with thin hull and heavy meat. Rather later in season than most varieties, a **strong grower** and **very heavy yielder**. Price, pk., 25c; bu., 60c; 2½ bus. or over at 50c.

**IRISH VICTOR.** A new variety only three years old. Originated in Ireland. Last year we recommended this oat very highly and considered it the best thing we had ever seen in the oat line. This last season for some reason, they did not do quite as well as Big Four. Possibly it was the fault of the land where they were sown. They did finely, however, Big Four being the only variety that surpassed them. They are a large oat, plump and heavy, pure white in color; always grow tall and strong, and stand up in spite of heavy storms, a prolific yielder of very fine looking heavy grain. Altogether, we consider Irish Victor a **money maker**, and a great addition to the list of good oats. It is bound to become very popular. Order early before our stock is exhausted. Last year we had to refuse a lot of orders, after we were sold out. Price, pk., 25c; bu., 70c; 2½ bus., or over at 60c.

**ALASKA.** Earliest of all oats. In fact the most striking characteristic of the Alaska Oat is its **extreme earliness**. Out of a number of testimonials before us almost all speak of this. Most of them put it two weeks earlier than other varieties. One says "Ripe 60 days after sowing." Our own crop last year was cut before any barley was ready in this neighborhood, and before other oats had begun to turn. The straw is very stiff, oats pure white, and although the kernels are small, it is a very prolific yielder. Price, pk., 25c; bu., 60; 2½ bus. or over at 50c.

**Calgary Grey.** Purest and best black oat. In many sections black oats are more profitable than white because they are so much heavier and yield so much better. If oats have not done very well with you try our Calgary Grey. They are extremely early, have a short, stiff straw that never lodges, and have a greater percentage of kernel to berry, by actual analysis, than any other known oat. At Illinois Experiment Station it lead all others in point of yield, freedom from rust and earliness. Price, pk. 25c; bu. 60c; 2½ bus. or over at 50c.

Remember, if you order of us to the amount of \$50.00 you are entitled to 10% discount. This brings the 50 cent oats down to 45c and sacks thrown in. How is that! Cheap enough surely.  
W. W. Coulson, Grafton, Wis. writes:—"Am much pleased with the Irish Victor oats received from you this spring. The heaviest I ever saw. Will order all seeds of you in future."



# SPELTZ.

MARVELOUS  
WONDERFUL  
SPELTZ.

## 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 recommend it and so do we. They say "The results 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 so can make low prices. Do not fail to try it. Price, Pk. 30c; bu. (40 lbs.) 80c; 2 bus. or more at 70c. Special prices on large orders.

Our prices on all the preceding grains are definitely fixed, or at least will not advance, but wheat, rye and buckwheat prices are subject to market changes. We will send samples and quote special prices for large orders on any of the following. The prices given below include bags and are subject to the usual discounts.

**BLUE STEM SPRING WHEAT.** Probably the best variety; at least for this latitude. It is very early, fully equal to the old Fife, and a much better yielder. Price, pk. 35c; per bu., \$1.25.

**TURKISH RED WINTER WHEAT.** The hardiest variety of winter wheat. Price, peck, 35c; per bu. \$1.25.

**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. Peck, 35c; per bu. (56 lbs.) \$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. Peck, 30c; per bu. 80c.

**JAPANESE BUCKWHEAT.** About a week earlier than Silver Hull and yields almost twice as much. Largest and most productive of all varieties, Peck, 35c; per bu. (60 lbs.) \$1.25

**SILVER HULL BUCKWHEAT.** A popular variety. Light grey in color, with very thin husk. Makes a very white nutritious flour. Price same as Japanese.

**FLAX SEED.** For sowing. Choice re-cleaned, peck, 50c; bu. (56 lbs.) \$1.80. Write for prices in quantity.



All Prices on this Page Include Bags, and are Subject to the Regular Discounts.



Dwarf Essex Rape, the Great Forage Plant.

**DWARF ESSEX RAPE.** Although of comparatively recent introduction, DWARF ESSEX RAPE has proved itself to be the most valuable forage plant in existence for nearly all sections of the country. It is very easily grown everywhere, can be sown early in the season for early pasture for sheep and hogs, either alone or with small grain, or it can be sown on stubble after the grain is taken off, or in corn, or alone for later pasture. While it is the ideal feed for sheep, still it is of equal value for hogs and cattle as they are very fond of it, and it is extremely cheap, having yielded  $9\frac{1}{2}$  tons of fodder from  $\frac{1}{2}$  acre. Five pounds of seed is sufficient for an acre, sown broadcast. The CYCLONE SEED SOWER, shown on page 23, is the thing to sow it with. Our trade in rape was very large two years ago. Last year it nearly doubled and this year we anticipate a larger demand than ever. We have the genuine DWARF ESSEX. This is the only variety of Rape that is recommended by Experiment Stations. Do not buy any other. Price, 1b. 10c; 5 lbs. 40c; 10 lbs. 65c; 100 lbs. \$4.75. We can meet rape prices of anyone, as we have a full car load of seed shipped us direct from England.

**THOUSAND HEADED KALE.** A new forage plant somewhat similar to rape. It grows larger and yields more or at least it is so claimed. The seed is higher priced but it takes less of it, three pounds being sufficient for an acre, sown broadcast. Or if sown in rows, one pound is enough. Price, pkt., 10c;  $\frac{1}{4}$  lb. 20c; 1b. 65c; 5lbs. or over, at 50c.

**WONDERFUL SAND VETCH.** A comparatively new forage plant but one of the most valuable owing to its ability to withstand severe drouth, heat and cold. The vines are similar to pea vines but are more slender and more leafy and longer, growing sometimes to a length of ten feet. It may be sown in spring or fall. It remains green all winter, starting again the first thing in the spring. Sow  $\frac{1}{2}$  bu. per acre, alone or better with a grain for a support, rye being preferred. Lb. 18c; 5 lbs 75c; pk. \$1.60; bu. (60 lbs.) \$6.00.

**JERUSALEM CORN.** An improvement on Kaffir Corn as it is a surer crop. Three to four pounds will plant an acre. Sow in drills 3 feet apart. Lb. 10c; 3 lbs. 25c; pk. 75c; bu. (50 lbs.) \$2.50.

**KAFFIR CORN, White.** Valuable for both fodder and grain. Very largely grown in the south and southwest and now used considerably in the north. Sow in rows, 3 to 5 lbs. per acre, or broadcast  $\frac{1}{2}$  bu. per acre. Lb. 10c; 3 lbs. 20c; pk. 30c; bu. (50 lbs.) \$1.00.



SAND VETCH.

Price, 1b. 10c; 5 lbs. 40c; 10 lbs. 65c; 100 lbs. \$4.75.

**SUGAR CANE, EARLY AMBER.** Adapted to all sections and largely grown everywhere. Profitable for fodder as well as sugar making. Many dairy farmers say it is the most valuable of all forage plants. Sow in drills same as rows of corn. Lb. 10c; 10 lbs 40c; 100 lbs \$2 25.

**BROOM CORN.** Improved Evergreen. The best variety for general cultivation. Ripens very early. Sow in drills, 35 pounds per acre. Lb. 10c; 10 lbs. 40c; 100 lbs \$2 50.

**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; 1b. 20c; 3lbs. 50c.

**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.



**MAMMOTH RUSSIAN SUNFLOWER.** Single heads 12 to 20 inches in diameter. An excellent and cheap food for fowls. Every farmer should plant some in any waste piece of ground. Two pounds of seed will plant an acre. 2 oz. pkt. 5c; 1b. 10c; 10 lbs. 60c.

All prices on this page are freight or express prices. Add 8c per pound if wanted by mail.

All prices on this page include bags and are subject to our usual discounts. Special Prices and samples furnished on large orders.

## 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. The U. S. Department of Agriculture says: "Peas could be made to bring more nitrogen to the soils of this country every year than is now purchased annually by the farmers at a cost of millions of dollars." 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; per bu. \$1.75.

**FRENCH JUNE.** Earlier than the common Canada and fast superseding that variety wherever it has been tried. Pk., 50c; per bu. \$1.80.

**SCOTCH BEAUTY.** A very fine blue pea, and the best for soup. Peck, 50c; per 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. \$2.25.

## COW PEAS.

Cow peas are among the most highly valued plants for fodder and also for reclaiming old or wornout land, as they are a leguminous plant of special merit as a fertilizer. The vines when fed green make the best fodder and are very nourishing.

**NEW ERA.** A new variety of great merit. Our grower, in Northern Mich., Mr. E. E. Evans, says:—

"On my trial grounds last season this pea proved to be the earliest of nine varieties, among which were Warren's Extra Early, Early Black Eye and Gallavant or Lady. Not only was it the earliest, but it produced the heaviest crop of pods and vines of any of the early varieties. The peas are smaller and the pods not so long as some, but far more numerous. I unhesitatingly pronounce it the best cow pea in existence for the north and west."

Pk. 90c; bu. \$3.15.

**WHIPPOORWILL.** The best known variety. Southern grown seed, pk., 60c; bu., \$2.25.

**MIXED.** Pk., 50c; bu., \$1.75.



Sojas Bean, Extra Early Black.



Scotch Beauty Field Peas.

## SOJA BEANS or SOY BEANS.

This valuable forage plant and fertilizer has attracted increasing attention yearly. It is one of the most nutritious of all vegetable products. It will produce a crop of twenty to thirty bushels per acre and is as easily grown as other beans. For pasturing or feeding as green fodder it is very valuable, yielding frequently as high as 8 to 10 tons of fodder per acre. As a fertilizer it is claimed to be **EVEN SUPERIOR TO CLOVER**. Sow one-half bushel per acre broadcast or four quarts per acre in drills 3½ feet apart and 1½ feet between the plants, dropping two or three in a hill. All outstock 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., 15c; pk., 85c; 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 for Extra Early Black.

## FIELD BEANS.

Our Beans are all choice, Mich. grown and hand picked. Write for special prices on large orders.

**BOSTON PEA.** Qt., 12c; pk., 75c; bu., \$2.90.

**CHOICE NAVY.** Qt., 12c; pk., 75c; bu., \$2.90.

**PROLIFIC TREE.** Qt., 15c; pk., \$1.00; bu., \$3.75.

**RED KIDNEY.** Qt., 15c; pk., \$1.00; bu., \$3.75.

**WHITE KIDNEY.** Qt., 15c; pk., \$1.00; bu., \$3.75.

Add 8c per lb. to all prices if to go by mail.



Millet prices subject to change. Write for special prices and samples on large orders.

## 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 Ex. Stations and by all seedsmen generally.

We have a splendid large stock this year and can offer it at a very reasonable price. Having seen the millet grow right here for two years, we know it is a splendid thing. Everyone should get some seed. Price, pk. 60c; bu., (40 lbs.) \$2.00. Some seedsmen give on y 32 lbs.

**German Millet.** Much better than Common Millet as it will produce double the crop. It grows 4 to 5 feet high, very leafy, seeds round, golden yellow. About two weeks later than Common Millet. Our seed is grown in Kansas and is much superior to northern grown seed as it yields more. Sow  $\frac{1}{2}$  bu. per acre. Price, pk., 35c; bu., (50 lbs.) \$1.10.

**COMMON MILLET.** Present price 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; per bu., (48 lbs.) \$1.10.

**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." Price, pk., 35c; bu., (50 lbs.) \$1.10.

**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 fattening hogs and other stock. Price, pk. 35c; bu., (50 lbs.) \$1.25.

**Pencilaria.** Pencilaria is the same as Pearl Millet, only acclimated to the North. The introducers do not say this in their catalogue but it is a fact. It is, however a splendid thing Mr. E. E. Evans, the Soja 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." Three or four and sometimes five cuttings can be made in one season and each one heavier than an ordinary crop of millet. Sow the seed in drills about corn planting time 24 to 36 inches apart and only 3 or 4 seeds to each foot of drill. Sown in this way one pound of seed is sufficient for an acre. If left long enough Pencilaria grows to a height of 12 to 15 feet, but it is better to cut it often, when not over 5 or 6 feet high. In feeding value it is said to rank with sorghum, being sweeter than corn. Price, genuine northern grown seed, pkt., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c; 5 lbs. or over at 50c. Southern grown seed, (Pearl Millet,) lb., 20c; 5 lbs., 75c; 10 lbs. or over at 10c. (The southern seed is all right for fodder, but will not mature seed in the north.)



Pencilaria.

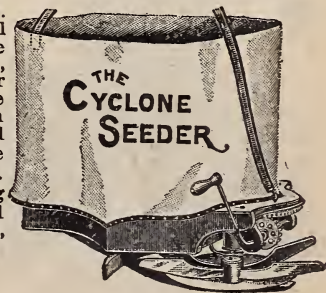


Japanese Millet.

(See also third page of cover)

### CYCLONE SEED SOWER.

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, \$1.75.



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

**PRICES QUOTED ON THIS PAGE** are subject to the same discounts as the rest of the catalogue, and include bags, except where quoted "net". Clover and timothy prices are however strictly subject to market changes. We prefer to sell by sample and quote special prices. We have large stocks, especially of timothy, and can save you money.

## OLDS' CLOVERS.

**MEDIUM RED.** We have a large stock of choice, new seed on hand. Write for samples. Present net price, no discount, \$6.75 to \$7.00 per bu.

**MAMMOTH RED.** We have the genuine Mammoth. Prices about the same as on Medium.

**ALSYKE.** Good Alsylke this year is scarce and high. Present net price, \$8.50 to \$9.00 per bu. (60 lbs.) No discount.

**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 at least 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. Present price, net, without discount, \$7.00 to \$7.75 per bu. (60 lbs.)

**TURKESTAN ALFALFA.** A new strain of Alfalfa that is attracting much attention. It has all the merits of ordinary Alfalfa and withstands drouth better, grows stronger and is more hardy. Price, lb., 35c; 3 lbs. 90c; 10 lbs. \$2.75; bu. \$15.00.

**CRIMSON CLOVER.** An annual clover quite largely grown, especially in Eastern States. Sow 10 to 15 lbs. per acre in July or August in standing corn or after early crops. Lb. 15c; 10 lbs. 75c; bu. (60 lbs.) \$3.50.

**WHITE CLOVER.** Extra choice seed, lb. 35c; 3 lbs. 90c; 10 lbs. \$2.75.

## Olds' Grass Seed.

**TIMOTHY.** We are right in it on Timothy this year, as we have a large stock, all new seed, and grown right here. Ask us for samples and prices. We know we can save you money on Timothy. Present net price, without discount, \$1.90 to \$2.00 per bushel, (45 lbs.)

**BROME GRASS.** (*Bromus Inermis*.) A wonderful new imported grass of greatest value. Adapted to all sections, but especially valuable for dry lands, for either pasture or hay. Sow 20 lbs per acre if sown alone, 15 lbs. if sown with Alfalfa. Price, choice grade, lb. 15c; 10 lbs. \$1.00; 100 lbs. \$9.00.

**RED TOP, FANCY.** Solid seed. Three pounds equals one bushel ordinary Red Top. Lb. 15c; 10 lbs. \$1.00; 100 lbs. \$8.50.

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

**MEADOW FESCUE.** Specially valuable for permanent pastures. Sow 25 lbs. per acre. Lb. 15c; 10 lbs. \$1.00.

**ORCHARD GRASS.** Grows well in the shade of trees and stands drouth well. Sow 40 lbs. per acre. Lb. 20c; 10 lbs. \$1.50; 100 lbs. \$13.50.

**PERENNIAL OR ENGLISH RYE GRASS.** A splendid permanent grass for pastures and for lawns. Sow 20 lbs. per acre. Lb. 10c; 10 lbs. 65c; 100 lbs. \$5.50.

**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.

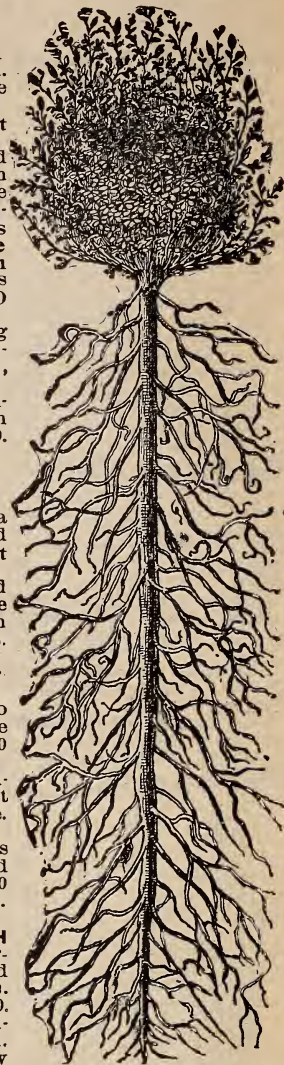
## Grass Mixtures.

**OLDS' 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  $\frac{1}{2}$  lb. per square rod. Lb. 20c; 10 lbs. \$1.50.

**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 lbs. per acre. Lb. 15c; 10 lbs. \$1.25; 100 lbs. \$11.50.

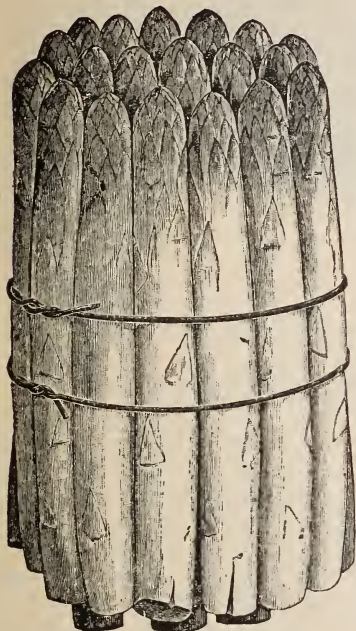
The above mixtures do not contain any Clovers or Timothy. White Clover is fine for lawns and the other Clovers for pasture and hay, but they are best sown separately.

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



Alfalfa, showing great length of root.

# Garden Seed Department.



Columbian Mammoth White.

All our Garden Seeds are **Choice Tested Seeds**, and we believe equal to any offered.

Prices do not include postage except on packets. If wanted by mail add 8 cents per pound.

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

Discounts allowed on all orders as per introductory page.

Remember, we offer special discounts on all packets as follows:

20	per cent.	discount	on	orders	for	packets	alone	from	50c	to	\$1
30	"	"	"	"	"	"	"	"	"	"	\$1 to \$5
40	"	"	"	"	"	"	"	"	"	"	of \$5 and over

## 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, dozen, 15 cts; 100, 75 cts; 1000, \$6.00. Prices do not include postage.

**CONOVER'S COLLOSSAL.** The standard variety. Two-year old roots, dozen, 15 cts; 100, 65 cts; 1000, \$5 00.

Seed of either variety, pkt., 5c; oz., 8c;  $\frac{1}{4}$  lb., 15c; 1 lb., 50c.

## BEANS. PACKET 2 OUNCES

All our Beans 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.

### Burpee's Stringless Green Pod.

Now acknowledged by all seedmen to be the earliest and best of all dwarf green pods. It is the only **absolutely stringless green pod** in cultivation, and surpasses all in crispness and tenderness. Pkt., 5c;  $\frac{1}{2}$  pt., 8c; pt., 12c; qt., 20c; pk., \$1 15; bu., \$4.25.

**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, characterized by very fleshy round pods. Pkt., 5c;  $\frac{1}{2}$  pt., 8c; pt., 12c; qt., 20c; pk., \$1.10; bu., \$4.00.

**EXTRA EARLY REFUGEE.** Ten days earlier than the common well-known Refugee, and just as good otherwise. Pkt., 5c;  $\frac{1}{2}$  pt., 8c; pt., 12c; qt., 20c; pk., \$1.10; bu., \$4.00.

**Dwarf German Black Wax.** Dwarf bush growth and very prolific. Pods golden yellow,  $\frac{3}{4}$  or 4 inches in length, quite round, meaty, brittle and entirely stringless. **Best of all for the Home Garden.** Pkt., 5c;  $\frac{1}{2}$  pt., 10c; pt., 15c; qt., 25c; pk., \$1 35; bu., \$5.00.

**CHALLENGE BLACK WAX.** Not as large as German Wax but a little earlier. Pkt., 5c;  $\frac{1}{2}$  pt., 10c; pt., 15c; qt., 25c; pk., \$1 35; bu., \$5.00.

**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;  $\frac{1}{2}$  pt., 10c; pt., 15c; qt., 25c; pk., \$1.35; bu., \$5.00.

**DAVIS KIDNEY WAX.** Most productive of all and 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;  $\frac{1}{2}$  pt., 10c; pt., 15c; qt., 25c; pk., \$1.35; bu., \$5.00.

**Burpee's Bush Lima.** The Beans are fully as large and of just as fine flavor as those of the Large Lima, and a true dwarf. It is one of the most valuable introductions of recent years, as it is hardy and early, and furnishes one with the largest and best Lima beans at small cost, and without the expense and labor attached to the use of poles. The bush character is thoroughly established. Pkt., 5c;  $\frac{1}{2}$  pt., 10c; pt., 15c; qt., 25c; pk., \$1.75; bu., \$6.50

**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;  $\frac{1}{2}$  pt., 10c; pt., 15c; qt., 25c; pk., \$1.75; bu., \$6.00.

**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;  $\frac{1}{2}$  pt., 10c; pt., 15c; qt., 25c; pk., \$1.75; bu., \$6.50.

**LARGE WHITE LIMA.** The well-known standard. Pkt., 5c;  $\frac{1}{2}$  pt., 10c; pt., 15c; qt., 25c; pk., \$1.60; bu., \$6.00.

**LAZY WIFE.** A very satisfactory and well-known pole bean. Pods dark green, broad and thick, entirely stringless and retaining their brittleness until nearly ripe. Beans white when dry and fine for winter use. Pkt., 5c;  $\frac{1}{2}$  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;  $\frac{1}{2}$  pt., 10c; pt., 15c; qt., 25c; pk., \$1.60; bu., \$6.00.

**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;  $\frac{1}{2}$  pt., 10c; pt., 15c; qt., 25c; pk., \$1.60; bu., \$6.00.

**FIELD BEANS.** See page 22.



Pkt. 500 to 600 Seeds.

**CROSBY'S EGYPTIAN.** Earliest Beet in the Market. It is a selection from the old standard Early Egyptian, but has a more desirable shape, being nearly round instead of flat, and is of better quality. Its color is the deepest red, almost black. Very smooth, sweet and tender and ready for market sooner than any other beet. Pkt., 5c; oz., 8c;  $\frac{1}{4}$  lb., 20c; lb., 50c. Postage extra.

**IMPROVED EARLY EGYPTIAN.** The standard market variety among the earliest beets, color deep red; in form like the Flat Dutch Turnip. Pkt., 3c; oz., 5c;  $\frac{1}{4}$  lb., 15c; lb., 40c.

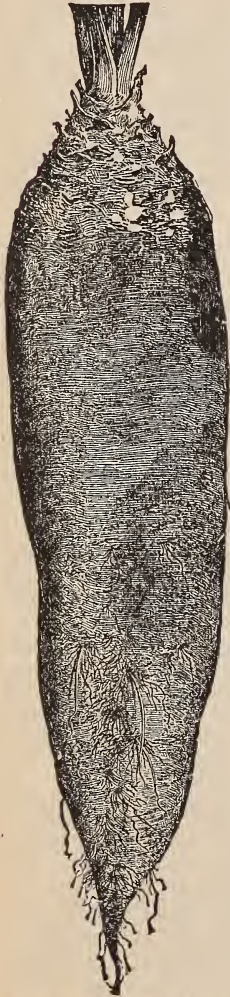
**ECLIPSE** A very early globe shaped beet, with small top and thin root. Its skin is a bright red, its flesh of a very fine texture and for quality it is excelled by none. This was our favorite last year in our own garden. Pkt., 3c; oz., 5c;  $\frac{1}{4}$  lb., 15c; lb., 40c.

**EDMAND'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., 5c;  $\frac{1}{4}$  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., 5c;  $\frac{1}{4}$  lb., 15c; lb., 40c.

**LONG SMOOTH DARK BLOOD.** A well known winter beet. Pkt., 3c; oz., 5c;  $\frac{1}{4}$  lb., 15c; lb., 40c.

**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;  $\frac{1}{4}$  lb., 20c; lb., 50c.



MAMMOTH LONG RED MANGEL

## Mangel Wurtzels.

**PRICE,** all Mangels, oz., 5c;  $\frac{1}{4}$  lb., 10c; lb., 25c; 5 lbs., \$1.10; 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.

**PRICE,** all Sugar Beets, oz., 5c;  $\frac{1}{4}$  lb., 10c; lb., 25c; 5 lbs., \$1.15. 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  
1000 seeds

Our Cabbage seed is not excelled by any offered anywhere.

**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. 3 cts; oz., 15c;  $\frac{1}{4}$  lb., 45c; lb., \$1.50.

**EARLY WINNINGSTADT.** Ten days later than an 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) 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. 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 more largely grown probably for main crop than any other variety. Pkt., 3c; oz., 15c;  $\frac{1}{4}$  lb., 45c; lb., \$1.50.

**BURPEE'S SUREHEAD.** A good keeper and shipper, of fine quality, and certain to head. Pkt., 3c; oz., 15c;  $\frac{1}{4}$  lb., 45c; lb., \$1.50.

**MAMMOTH ROCK RED.** The best red cabbage. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.00.



Olds' Select Early Jersey Wakefield.

**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., 20c;  $\frac{1}{4}$  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., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75.

## HOLLANDER or DANISH BALL HEAD.

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.

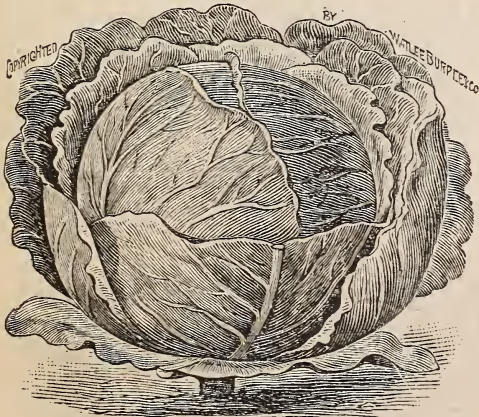
USE SLUG SHOT FOR CABBAGE WORMS. (See page 12.)



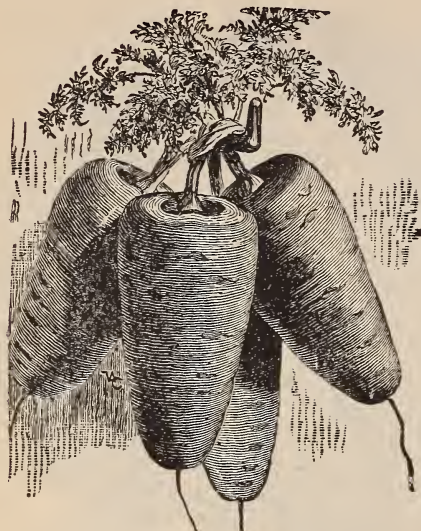
**CLEVES' ANGULAR TROWEL.** Never breaks or bends. Small, 120; large 30c.

**ORDINARY GARDEN TROWEL.** 6 in. 10c; 8 in. 12c.

**BEST STEEL TROWEL.** All one piece. War-ranted best made. 50c. Trowels by mail, 5c to 8c more.



Danish Ball Head.



Early Chantenay.

**CARROTS.** Pkt. 5000 to 6,000 seeds.

**Early Chantenay.** Medium early and all early Carrots. most profitable of 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; ¼ lb. 25c; lb. 75c.

**Guerande or Oxheart.** A new French variety. A very thick carrot, 5 inches long and blunt at the lower end: Pkt. 5c; oz., 8c; ¼ lb., 20c; lb., 60c.

**NANTES HALF LONG SCARLET.** Sweetest of all Carrots. Stump rooted; Six inches long. Pkt., 5c; oz., 8c; ¼ lb., 20c; lb., 60c.

**HALF LONG DANVERS.** Stump rooted and a great producer. Easily harvested and a favorite, both for table use and stock. Pkt., 5c; oz., 8c; ¼ lb., 20c; lb., 50c; 5 lbs., \$2.25.

**OLDS' SELECT DANVERS.** Selected from the very finest roots, even in size and color. Very smooth, a rich dark orange color, half long of best quality and heaviest cropper. Pkt., 7c; oz., 12c; ¼ lb., 35c; lb., \$1.25.

**CARROTS FOR STOCK.**

**LARGE WHITE BELGIAN.** Enormously productive. Grows one-third out of the ground. Pkt, 3c; oz., 5c; ¼ lb., 15c; lb., 40c; 5 lbs., (enough for One acre) \$1.75.

**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.

**Cauliflower.** Pkt. 200 to 300 seeds.

We obtain all our Cauliflower seed from a very large and well known grower of Cauliflower on Long Island who imports direct from Denmark. He says: "The largest and best heads of Cauliflower on exhibition at the Fair of the American Institute for the past two years have been grown from seeds of my importation. The heads are large, of perfect form, pure white, and solid, while in point of productiveness it is unsurpassed.

**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., 60c; oz., \$2.00.

**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., 60c; oz., \$2.00.



White Plume Celery, Self Blanching.

**CELERY.** Pkt., 5000 to 6000 Seeds.

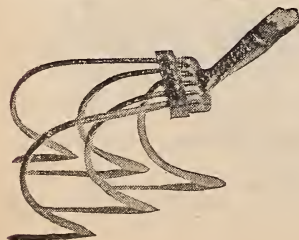
Our Celery Seed is grown in France and is superior to American grown.

**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. Pkt., 10c; oz., 30c; ¼ lb., \$1.00; lb., \$3.50.

**DWARE GOLDEN HEART.** A standard variety. Pkt., 5c; oz., 12c; ¼ lb., 35c; lb., \$1.25.

**GIANT PASCAL.** Best keeper. Very large. Pkt., 5c; oz., 12c; ¼ lb., 35c; lb., \$1.25.



**Spring Tooth Hoe or Garden Cultivator.**

A new invention and a splendid thing. Almost a perfect tool for the cultivation of all kinds of Garden plants. It is made of fine spring steel, adjustable in width. It is intended to cultivate between the rows with the five shovels, or the center shovel can be removed and the row straddled. To try it is to fall in love with it. We would not be without one in our own garden. Specially fine where the ground is a little hard, or when a crust has formed.

Price, complete with 4-foot handle, 90c.

# SELECT SWEET CORN. Pkt. 2 ozs.

Our Sweet Corn has been carefully grown and carefully selected, and is all of a high garden grade. Prices do not include postage except on packets. Add 6 cts. per pint, 12 cts. per quart, if to go by mail.

**PEEP O'DAY** **New. Extra early.** Introduced two years ago. Described as the "**Earliest on Earth.**" Originated in Minnesota. Offered in Minneapolis market 10 days earlier than any other well known extra earlies. Five inches long, perfectly formed, well filled. Tender and sweet. A splendid thing for first early. Pkt., 7c; pt., 15c; qt., 25c; pk., \$1.50; bu., \$5.00.

**MAMMOTH WHITE CORY.** Just as early as the old Cory, and ears 12 instead of 8 rowed. Pkt., 5c; pt., 10c; qt., 15c; pk., 75c; bu., \$2.50.

**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., \$1.00; bu., \$3.00.

**EARLY MINNESOTA.** A standard early variety, well known everywhere. Eight-rowed, of dwarf growth. Between Cory and Early Champion in season. Pkt., 5c; pt., 10c; qt., 15c; pk., 75c; bu., \$2.50.

**EARLY CHAMPION** **The earliest large sweet corn.** Produces ears long 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. Pkt., 5c; pt., 10c; qt., 15c; pk., 75c; bu., \$2.50.

**CHICAGO MARKET.** A great favorite with the market gardeners around Chicago, and considered one of the most profitable varieties. It combines **earliness, size, fine appearance, productiveness and superior quality.** Twelve rowed. Pkt., 5c; pt., 10c; qt., 15c; pk., 75c; bu., \$2.50.

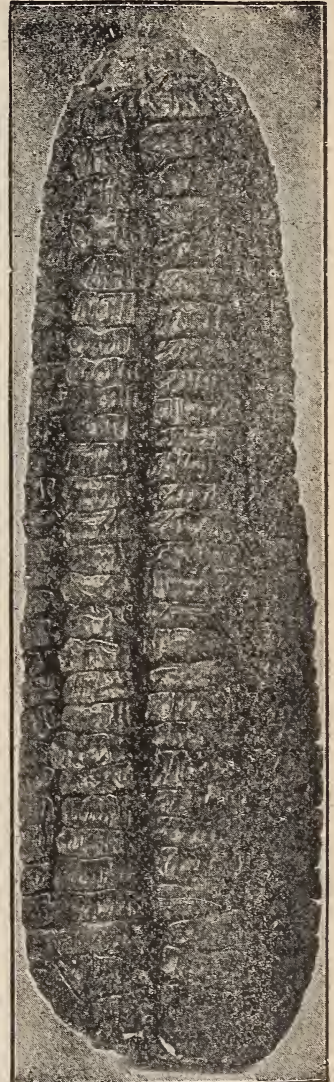
**CROSBY'S EARLY.** A favorite with canners. Quite early and of best flavor. Pkt., 5c; pt., 10c; qt., 15c; pk., 75c; bu., \$2.50.

**BLACK MEXICAN.** An old favorite with all who have ever planted it, because so very sweet and tender. Medium early, kernels bluish purple. Pkt., 5c; pt., 10c; qt., 15c; pk., 75c; bu., 2.50.

**EARLY EVERGREEN** **A new variety and a splendid thing.** Identical in flavor, shape and size with the famous Stowell's Evergreen but about **ten days earlier.** The ears are about seven inches long, mostly twelve rowed, and remain green a remarkably long time. Just the thing for market gardeners as it furnishes a succession to the second earlies. Pkt., 5c; pt., 10c; qt., 15c; pk., 75c; bu., \$2.75.

**COUNTRY GENTLEMAN.** One of the sweetest of all varieties, and one of the most productive, each stalk producing from three to five ears. Kernels are very deep and cobs small. Season medium. Pkt., 5c; pt., 10c; qt., 15c; pk., 75c; bu., \$2.65.

**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



**Peep O'Day, "Earliest on Earth."** is very carefully selected for large ear and deep kernel. Pkt., 5c; pt., 10c; qt., 15c; pk., 70c; bu., \$2.40.

**FODDER EVERGREEN.** See page 16.

**CRESS** **Curled Garden.** The best variety. Every one should sow a little for early spring use. 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. Pkt., 7c; oz., 25c; ¼ lb., 90c.

**ENDIVE** **GREEN CURLED.** A refreshing salad. Sow seed middle of June to end of August. Pkt., 5c; oz., 10c; ¼ lb., 30c.

**GOURDS** **Price, either variety, pkt., 5c; oz., 12c; ¼ lb., 35c; lb., \$1.15.**

**JAPANESE NEST EGG.** Exactly resembling hens' eggs in color, form and size.

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



**Early Evergreen.**



**CUCUMBER.** Pkt. 200 to 300 seeds.

Cucumber seed is very high 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., 15c; ¼ lb., 50c; lb., \$1.65.

**EARLY FRAME.** An old and popular variety, bearing fruit of good size and very productive. Excellent for pickles. Pkt., 5c; oz., 12c; ¼ lb., 40c; lb., \$1.50.

**FORDHOOK PICKLING.** Extremely prolific, and continues to bear after other varieties cease. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.65.

**JAPANESE CLIMBING** A sensational novelty originally from Japan, but well adapted to ordinary culture in this country. 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., \$2.00.

**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., 15c; ¼ lb., 50c; lb., \$1.65.

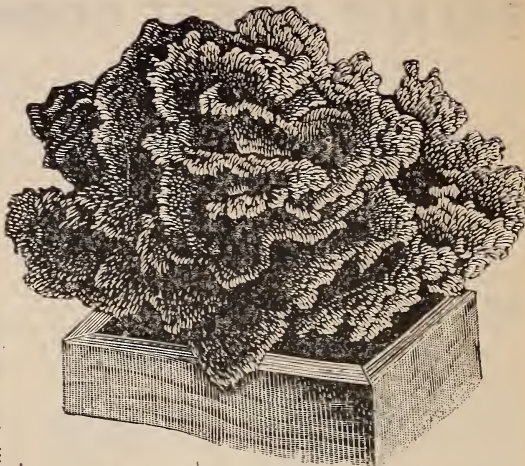
**COOL AND CRISP.** A strain of White Spine, but longer. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.65.

**IMPROVED LONG GREEN.** Well known and a favorite. Pkt., 5c; oz., 12c; ¼ lb., 40c; lb., \$1.50.

**KALE or BORECOLE DWARF GERMAN.** Very hardy, with dark green leaves. Like parsnips it is improved by frost. Pkt., 5c; oz., 8c; ¼ lb., 25c; 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., 12c; ¼ lb., 60c.

**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., 12c; ¼ lb., 35c; lb., \$1.15.



**Black Seeded Simpson Lettuce.**

**LETTUCE** Pkt., 2500 to 3000 seeds

**BLACK SEEDED SIMPSON** Probably the most popular early Lettuce. 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., 25c; lb., 85c.

**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. Larger and 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.

**HERBS.**

	Pkt.	Oz.	Pkt.	Oz.
Borage.....	5c	12c	Sum'r Savory..	5c 10c
Dill.....	5c	10c	Sw't Marjor'n..	5c 10c
Rosemary.....	5c	20c	Thyme.....	5c 20c
Sage.....	5c	15c	Wormwood....	5c 15c

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

Price Complete, Freight Prepaid, \$10.00  
As a Drill only, \$8.00

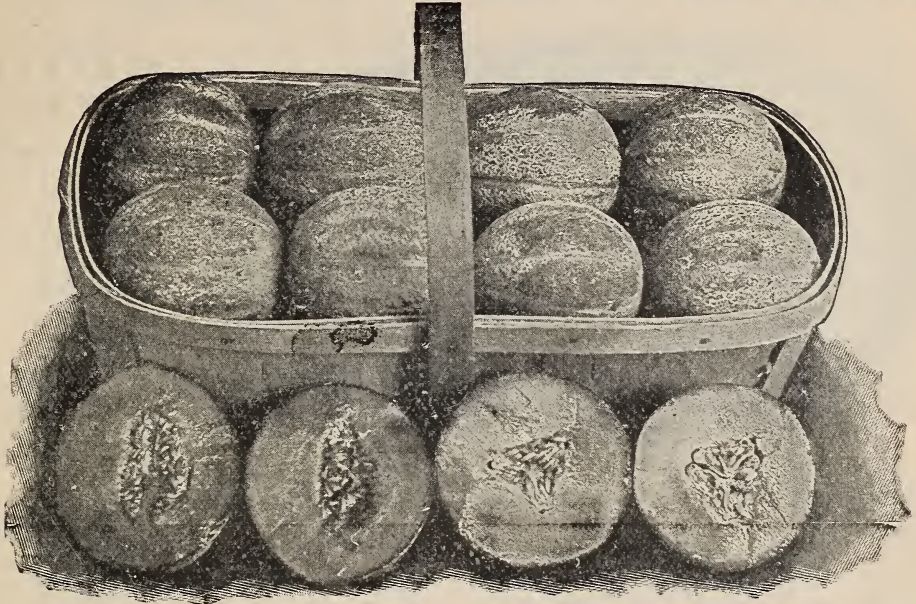
No Discount on Planet Jr. Tools.





# MUSK MELONS.

If by mail, add at rate of 8c per lb.  
Pkt. 200 to 300 Seeds.



Paul Rose, Sweetest and Best.

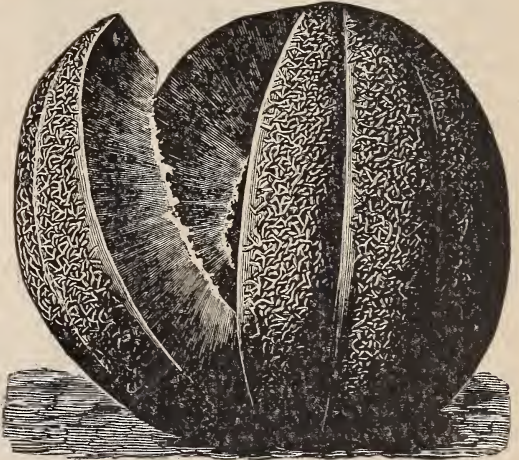
## PAUL ROSE or PETOSKEY.

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.

**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., 30; lb., 90c.

**EARLY NETTED GEM.** A small melon, but **extremely early.** Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., 90c.

**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. Pkt., 7c; oz., 12c,  $\frac{1}{4}$  lb., 40c; lb., \$1.25.



Osage

**OSAGE** A comparatively new variety, probably the most popular of all musk melons and the best of all for the home garden. 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. Pkt. 7c; oz., 12c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00.

**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 the earliest,** hardest and most prolific of Netted Musk Melons. Pkt. 5c; oz, 10c;  $\frac{1}{4}$  lb., 30c; lb., 90c.

**MONTREAL NUTMEG.** Very large. Late. Pkt., 5c; oz., 12c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

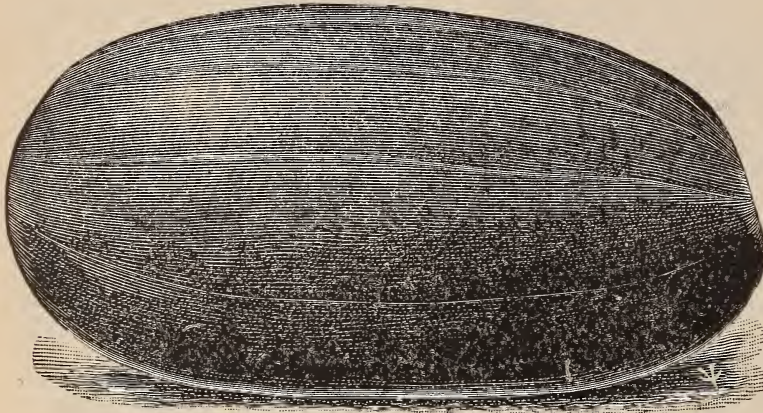
If you use large quantities of melon seed let us figure on your list.



Extra Early Hackensack.

# WATERMELONS.

IF BY MAIL, ADD FOR POSTAGE.  
PKT., 75 TO 100 SEEDS.



Kleckley Sweet 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; ¼ lb., 30c; lb., 90c;

**MONTE CRISTO.** A new melon for which great claims are made. It grows to a very large size, weighing as high as 60 pounds, but is described as early, maturing in 65 to 80 days, is of excellent flavor and very solid, with firm rind. Skin very dark green with faint stripes. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

**WONDERFUL SUGAR.** (McIvers.) 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; ¼ 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; ¼ lb., 20c; lb., 60c.

**TRUE ICE CREAM.** A standard home melon. Early, very sweet, good sized and very productive. Pkt., 3c; oz., 5c; ¼ lb., 15c; lb., 50c;

**JONES' JUMBO.** Best shipper, ahead of Kolb's Gem. Pkt., 3c; oz., 5c; ¼ lb., 15c; lb., 50c.

**SEMINOLE.** Pkt., 3c; oz., 5c; ¼ lb., 15c; lb., 50c.

**DIXIE.** Pkt., 3c; oz., 5c; ¼ lb., 15c; lb., 50c;

**KOLB'S GEM.** Pkt., 3c; oz., 5c; ¼ lb., 15c. lb. 50c.

## PARSLEY.

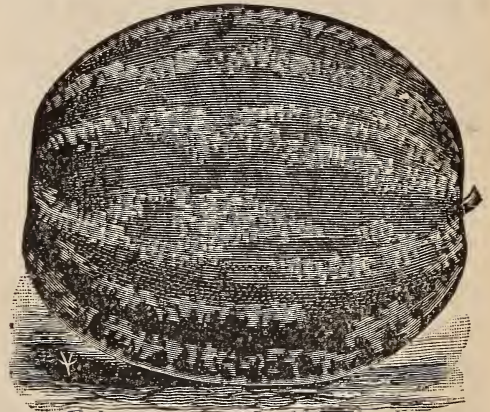
**CHAMPION MOSS CURLED.** Compact grower with dense foliage of a bright green color. Very hardy and a great favorite. Pkt., 5c; oz., 8c; ¼ lb., 20c; lb., 50c.

## PARSNIP.

**HOLLOW CROWN.** (Abbot's Improved.) Smooth, large, tender and sweet. Standard variety. Pkt., 3c; oz., 5c; ¼ lb., 12c; lb., 35c.

**IMPROVED GUERNSEY.** Not as long as Hollow Crown, but larger in diameter and more easily harvested. Pkt., 3c; oz., 5c; ¼ lb., 12c; lb., 35c. 5 lbs. either variety Parsnips, \$1.25.

**COLE'S EARLY** The best early melon for family use and home market. Probably more largely grown than any other, by the melon growers of southern Wisconsin and northern Illinois. 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; ¼ lb., 20c; lb., 60c.



Cole's Early.

The best very early watermelon for home use.

## PEPPER.

**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. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

**LONG RED CAYENNE.** Small and hot. The best for pickles. Long, slim and pointed, of a bright red color, strong and pungent. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

## LANG'S WEEDER.



For weeding Onions and similar crops it has no equal. Fits the hand comfortably.

PRICE, 20c; BY MAIL, 25c.

USE SLUG SHOT FOR STRIPING BUGS ON MELONS, SQUASHES, ETC. SEE PAGE 12.



**OUR ONION SEED IS ALL CHOICE LIVE SEED.** on large quantities. Prices do not include postage.

**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., 35c; lb., \$1.15.

**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., 85c.

**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., 85c; 5 lbs., \$4.00.

**WHITE GLOBE.** Round, pure white. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

Our prices are low, but write us for special prices, except on packets. Pkt., 1000 seeds, or over.

**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.

**WHITE PORTUGAL or SILVER SKIN.** Very early, mild flavored, flattened in shape. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

**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 are grown on an acre. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c; 5 lbs., \$4.25.

**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., 35c; lb., \$1.15.

**BOTTOM ONION SETS**



**White Multiplier**



**CHOICE ONION SETS**

If by mail add 8c per quart.

Bushel prices subject to market change.

	Pt.	Qt.	Pk.	Bu.
White Bottom.....	10c	15c	\$0.75	\$2.75
Yellow " .....	8c	12c	.60	2.00
Red " .....	10c	15c	.80	3.00
Yellow Top (Improved)...	12c	20c	1.00	3.75
Egyptian or Perennial...	8c	12c	.50	1.75
White Multiplier... ..	12c	20c	1.00	3.75

**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.



## PEAS. Pkts. contain 2 ounces each.

If by mail add 8c. per pt. and 15c. per qt.

**NOTT'S EXCELSIOR.** 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. \$6.50.

**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. 10c; ½ pt. 15c; pt. 20c; qt. 35c; pk., \$2.75.

**AMERICAN WONDER.** Well known everywhere as the standard for earliest and dwarfest 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. \$1.75; bu. \$6.50.

**MAUD S.** Most profitable extra early for the market gardener. About 30 inches high. Pkt., 5c; pt. 12c; qt. 20c; pk. \$1.20; bu. \$4.50.

## EXTRA EARLY PREMIUM GEM.

A dwarf wrinkled pea, an improvement on the famous Little Gem. Extra quality. It is a trifle later than America Wonder and grows a very little larger, but does not require any support. Pkt. 5c; pt., 12c; qt. 20c; pk. \$1.50; bu. \$5.75.

**McLEAN'S LITTLE GEM.** Very popular. A standard among early peas for quality. Pkt. 5c; pt. 12c; qt. 20c; pk. \$1.50; bu. \$5.75.

**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. \$1.25; bu. \$4.75.

**TELEPHONE.** A famous late variety 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.

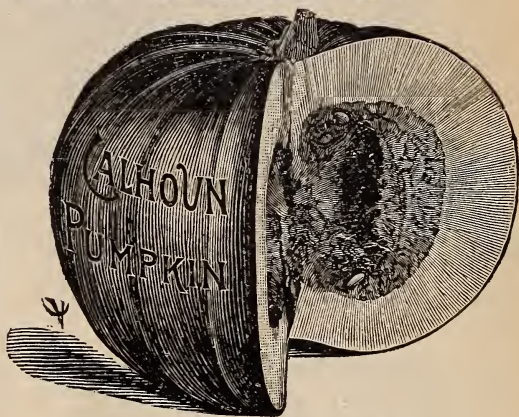
**CHAMPION OF ENGLAND.** A standard late pea for both market and home use. 5 feet high. Pkt. 5c; pt. 10c; qt. 15c; pk. \$1.00; bu. \$3.75.

**SLACK-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 22.

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



## PUMPKINS.

**CALHOUN.** The best pie pumpkin. Of medium size, heavy and solid, and of very superior quality. Skin cream colored; flesh salmon. Pkt. 5c; oz. 8c; ¼ lb. 20c; lb. 60c.

**MAMMOTH PRIZE.** Has been grown to weigh 200 pounds. Flesh and skin bright golden yellow. Pkt. 5c; oz. 12c; ¼ lb. 35c; lb. \$1.25.

**SMALL SUGAR.** Small, orange colored, remarkably sweet. Popular for table use. Pkt. 5c; oz. 8c; ¼ lb. 20c; 1 lb. 50c.

**LARGE YELLOW.** The standard pumpkin Good for both stock feeding and table use. Pkt. 3c; oz. 5c; ¼ lb. 12c; lb. 35c; 5 lbs \$1.50.

## SALSIFY. (Vegetable Oyster)

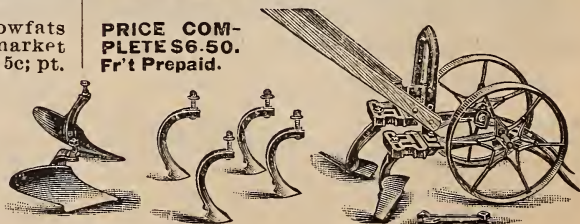
**MAMMOTH SANDWICH ISLAND.** Grows uniformly extra large, fully double the size of the old variety of Salsify. Pkt. 5c; oz. 12c; ¼ lb. 35c; 1 lb. \$1.15.

## SPINACH.

**EXTRA LARGE ROUND LEAF.** The best variety. Pkt. 3c; oz. 5c; ¼ lb. 10c; 1 lb. 30c; 5 lbs. \$1.25.

## PLANET JR. Double Wheel Hoe.

PRICE COMPLETE \$6.50.  
Fr't Prepaid.





Olds' Improved French Breakfast Radish.

**RADISH.** Pkt. 1,000 seeds or more

### 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.

**ICICLE** New. So named because of its transparent whiteness. We found it last year the best of all for mildness of flavor. Delicate and crisp and very showy on the table. Very early. Ready for use 22 days from sowing. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**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 outdoor culture. Pkt., 5c; oz., 8c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**SCARLET TURNIP, WHITE TIP.** A very popular radish. Small, turnip shaped, of handsome appearance. Pkt., 3c; oz., 6c;  $\frac{1}{4}$  lb., 15c; lb., 45c.

**EARLY SCARLET GLOBE.** Not as flat as Scarlet Turnip, a little larger and a deep color throughout. Pkt., 3c; oz., 6c;  $\frac{1}{4}$  lb., 15c; lb., 45c.

**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.



New Icicle Radish.

**IMPROVED CHARTER.** 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.

## SQUASH.

Add for postage if by mail.

**GIANT SUMMER CROCKNECK.** Earliest and best Summer Squash. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**MAMMOTH WHITE BUSH.** An improved strain of the well known White Scaloped. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 70c.

**CHICAGO ORANGE MARROW.** Just as large as Hubbard, just as good quality and at least ten days earlier. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**MAMMOTH CHILI.** Largest of all squashes, often attaining a weight of 200 lbs. Pkt., 7c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.35.

**GOLDEN HUBBARD** A true Hubbard except in color, which is a bright orange red. A good keeper, very productive and ripens early. Fine grained and good flavored. A very desirable squash. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**CHICAGO WARTED 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., 10c;  $\frac{1}{4}$  lb., 30c; lb., 95c.

**HUBBARD.** Pure genuine seed. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., 90c.



CHICAGO WARTED HUBBARD SQUASH.

# TOMATOES.

Packet Contains About 1000 Seeds.  
**FORDHOOK FIRST.** Extremely early. Not quite so large as Atlantic Prize, but earlier and very smooth and solid. Pkt. 7c; oz. 25c;  $\frac{1}{4}$  lb. 75c.

**FORDHOOK FANCY.** A potato leaved Bush Tomato. Unlike any other variety. Very compact and erect in growth. The fruit is of large size, very solid, with few seeds, of a rich, ruby color, and delicious flavor. Pkt. 7c; oz. 25c;  $\frac{1}{4}$  lb. 75c.

**NEW IMPERIAL.** A splendid new early tomato. Not quite as early as Fordhook First, but larger and thicker. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 60c.

**ATLANTIC PRIZE.** The largest and best flavored extra early tomato. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 60c.

**DWARF CHAMPION. (Tree Tomato.)** Grows a stout, upright bush about 2 feet high. Fruit medium in size. A very desirable variety for forcing. Pkt. 7c; oz. 25c;  $\frac{1}{4}$  lb. 75c.

**ENORMOUS.** 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;  $\frac{1}{4}$  lb. 75c.

**COMBINATION.** An almost perfect tomato for out door, but also an excellent variety for forcing. Hence the name, Combination. The color is brightest scarlet, size medium to large, round and smooth, very solid, a long keeper and immensely productive. Pkt. 7c; oz. 25c;  $\frac{1}{4}$  lb. 85c.

**PONDEROSA.** (Henderson's.) Largest of all. Pkt. 7c; oz. 25c;  $\frac{1}{4}$  lb., 90c.

**PERFECTION.** Round, smooth and handsome. A favorite variety. Pkt. 3c; oz. 15c;  $\frac{1}{4}$  lb. 50c.

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



**NEW STONE.** Best of all for main crop; which are the best types of large, smooth, solid tomatoes. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00.

**IMPROVED TROPY.** Pkt. 3c; oz. 15c;  $\frac{1}{4}$  lb. 50c.

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

**SMALL FRUITED TOMATOES.**

Any of the following, pkt. 5c; oz. 20c;  $\frac{1}{4}$  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.

Pkt. 3,000 to  
4,000 Seeds

## TURNIPS AND RUTABAGAS.

Add 8c per  
lb. postage.

**EXTRA EARLY WHITE MILAN.** New. Earliest of all Turnips. It grows with wonderful rapidity, is of the finest quality and very handsome. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c.

**EXTRA EARLY RED TOP MILAN.** Two weeks earlier than Purple Top Strap Leaf. Flat, with purple top. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 20c; 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;  $\frac{1}{4}$  lb. 12c; 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.

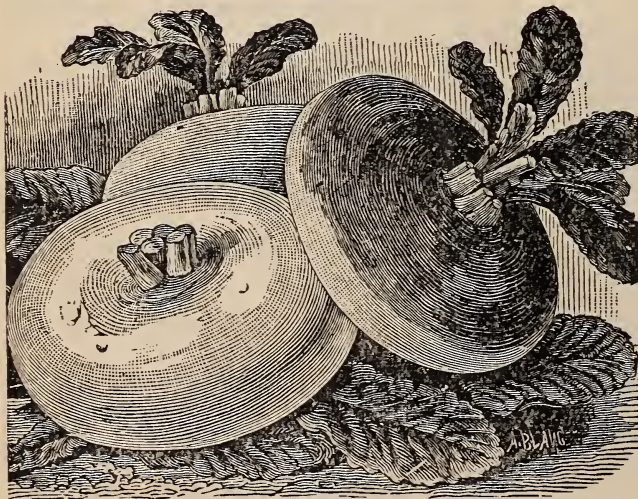
**WHITE FLAT DUTCH.** Medium size, flat, color white. Pkt. 3c; oz. 5c;  $\frac{1}{4}$  lb. 12c; lb. 35c.

**IMPROVED LONG ISLAND RUTABAGA.** A very much improved strain of ruta бага. Absolutely free from neck, purple top, fine grain and good flavor. Long Island seed, pkt, 3c; oz. 5c;  $\frac{1}{4}$  lb. 15c; lb. 45c. Imported seed, pkt., 3c; oz. 5c;  $\frac{1}{4}$  lb. 12c; lb. 35c.

**LAING'S IMPROVED RUTABAGA.** An early rutabaga with purple top. Pkt. 3c; oz. 5c;  $\frac{1}{4}$  lb. 12c; lb. 35c.

**WHITE RUSSIAN.** A large white rutabaga, sweet and rich. Pkt. 3c; oz. 5c;  $\frac{1}{4}$  lb. 12c; lb. 35c.

Do not forget our discounts. See first page of catalogue.



White Flat Dutch and Purple Top Strap Leaf Turnips.

# FLOWER SEED DEPARTMENT.

A SELECT LIST OF THE HARDIEST FLOWERS.

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 introductory page. 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. All seeds are put up in beautiful lithographed seed bags, cultural directions on the back.



Peony Flowered Aster. Aster Pkts. contain 150 to 200 Seeds.

## TALL ASTERS.

1. **PEONY 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 Peony Flowered curve up and in... **7c**
3. **OLDS' EXCELSIOR MIXTURE OF TALL ASTERS.** This is a very select mixture of the most beautiful and striking colors of all the best tall varieties... **10c**
4. **GOOD MIXED.** All colors... **5c**

## DWARF ASTERS.

5. **DWARF CHRYSANTHEMUM FLOWERED.** Mixed. Only 12 inches high with large handsome flowers, 3 or 4 inches across. .... **7c**
6. **COMET.** Mixed. Many colors. Double flowers, 3 or 4 inches across resembling Chrysanthemums ..... **7c**
7. **OLDS' EXCELSIOR MIXTURE OF DWARF ASTERS.** A very choice and select mixture of all the Dwarf Asters..... **10c**  
1 pkt. each variety Asters, 7 in all..... **35c**
8. **ALYSSUM.** Sweet. A general favorite. Delicate white flowers..... **3c**
9. —. **Little Gem.** This should be called "Snow White Carpet Plant," for the plants when only a few inches high 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 3 feet high..... **5c**
14. **BALSAM.** (Lady Slipper.) Camellia Flowered. Mixed. Large perfect, double flowers, the finest of all balsams..... **7c**  
15. —. 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. —. 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. **CANDYTUFF.** Giant Empress. A magnificent variety of this well known flower..... **5c**
22. —. 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 much more beautiful for bedding plants than the best Geraniums. Seeds should be soaked in warm water before planting. (Pkt. 10 seeds) ..... **7c**  
24. —. Mixed. All varieties ..... **5c**
25. **CANTERBURY BELLS.** (Campanula.) Double and Single Mixed..... **5c**
26. **CARNATION.** Margaret. A new dwarf variety of Carnation that blooms in four months from planting the seed. (100 seeds)..... **7c**
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**



Canary Bird Flower. (See No. 20.)

## COLLECTION OFFERS. (1 pkt each.)

- |                                       |            |
|---------------------------------------|------------|
| No. 1—Nos. 1, 2, 5, 6, (Asters) ..... | <b>20c</b> |
| No. 2—Nos. 3, 9, 14, 23, 31 .....     | <b>25c</b> |
| No. 3—Nos. 4, 8, 15, 24, 25 .....     | <b>15c</b> |
| No. 4—Nos. 16, 18, 19, 20, 26.....    | <b>20c</b> |
| No. 5—Nos. 13, 21, 27, 28, 30.....    | <b>15c</b> |



Cypress Vine.

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. **FOR-GET-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. **COURDS. 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. —, **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

**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.

**NASTURTIUMS.**

{ Pkt., 30 to }  
{ 40 seed- }

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 var'y Nasturtiums 12c; oz. each 30c.

**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 Pansy, 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. —, **Hybrida, Fine Mixed**.....3c



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

**COLLECTION OFFERS.**

{ 1 packet }  
{ each. }

No. 6—Nos. 42, 47, 48, 58, 62..... 22c

No. 7—Nos. 43, 49, 51, 57, 63..... 15c

No. 8—Nos. 32, 33, 41, 46, 48, 54.....25c

No. 9—Nos. 35, 36, 37, 40, 41..... 15c

No.10—Nos. 54, 55, 56, 57 (pansies)..... 13c



64. **PHLOX DRUMMONDII.** 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. Pkt., 150 seeds...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. **HEDDEWIGI. Single Mixed.** Flowers deeply fringed. Very large, 2 to 3 inches in diameter.....5c

One pkt. each variety pinks.....10c  
 69. **POPPY, Single Mixed.** A choice collection of many varieties.....3c

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. — **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 three 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. — **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.....9c

82. — **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. — **Double Mixed.** Many colors.....3c

**COLLECTION OFFERS.**

Col'n No. 11, 1 Pkt. each Nos. 64, 66, 73, 81, 85, 25c  
 " No. 12, 1 " " Nos. 65, 67, 72, 82, 86, 15c  
 " No. 13, 1 " " Nos. 70, 71, 75, 76, 77, 22c  
 " No. 14, 1 " " Nos. 68, 69, 74, 78, 84, 15c

**SWEET PEAS. Pkt. about 75 peas.**

**DWARF SWEET PEAS or CUPIDS**

87. **WHITE CUPID.** The first dwarf Sweet Pea, and spoken of as "The Floral Wonder of the Age." It grows only 5 inches high and bears pure white flowers. See price below.

88. **PINK CUPID.** A true cupid in habit and manner of growth, only 6 to 8 inches high. Flowers, always large size. Much more easily grown than White Cupid.

89. **BEAUTY CUPID.** This and the next two are introductions of 1899, and were sold that year at 25 cents for 12 peas. Beauty is only 6 or 7 inches high, but bears flowers equal in size to those of the tall varieties. Color delicate rose.

90. **PRIMROSE CUPID.** The flowers, which are of large size, are of a rich creamy tint identical with those of tall Primrose.

91. **ALICE ECKFORD CUPID;** Flowers identical in size, form and color, with those of tall Alice Eckford, which has been so admired for its delicate shading of softly blended tints.

92. **OLDS' CUPID MIXTURE.** A choice mixture of all the best Cupids in proper proportion.

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

**TALL SWEET PEAS.**



**NAVY BLUE**

COPYRIGHT, 1898 BY W. A. B & CO.

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

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

95. **EMILY HENDERSON.** The earliest white.  
 96. **ALICE ECKFORD.** Rich cream tinted cerise standards, white wings. Mr. Eckford says: "The most chaste variety ever offered."

97. **BLANCH FERRY.** Popular pink and white.  
 98. **COUNTESS OF RADNOR.** Pale lavender.

99. **ORANGE PRINCE.** Orange and pink.  
 100. **PRIMROSE.** Pale Primrose yellow.

101. **STANLEY. New.** A rich dark maroon.  
 102. **CARDINAL.** Bright crimson.

103. **HER MAJESTY.** Large deep rose color.  
 104. **SENATOR.** Brown and chocolate.

Price all tall varieties, Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 50c. 8 cents per lb. more by mail. One pkt. each of the 12 tall varieties, 30c; 1 oz., each, 65c.

**TALL MIXTURES.**

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

106. **ECKFORD'S MIXED.** Most all the varieties of this famous Sweet Pea specialist. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 60c. Postage extra.

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



White Cupid Sweet Pea. (The First Dwarf.)

# SUMMER FLOWERING BULBS.

A select list of the hardiest and most easily grown Summer Bulbs. Prices include postage except where stated.

**GLADIOLUS.** The Gladiolus stands easily first among all summer flowering bulbs. The tall stately flower spikes, often 15 inches long, with all varieties of color, 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. Extra large bulbs. Price, 4 for 15c; dozen, 30c; 100, \$1.50. By mail, 10 cents per dozen more.

**GIANT BEGONIAS.** (Tuberous Rooted.) A very showy flower of brilliant colors. Beautiful foliage with flowers larger and richer than those of geraniums. Free bloomers all summer.

Single White	Each, 10c	Double White	Each 15c,
" Yellow	"	" Yellow	4 for 50c.
" Scarlet	4 for 30c.	" Scarlet	doz. \$1.35
" Pink	doz. 80c.	" Pink	postpaid
" Mixed	postpaid	" Mixed	postpaid

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



GLADIOLI.

**GLOXINIA.** Charming flowers, varying from pure white through all shades of rose, crimson and violet. They are of the easiest culture and bloom for months. Best Mixed Bulbs, each 10c; 3 for 25c; dozen, 85c, postpaid.



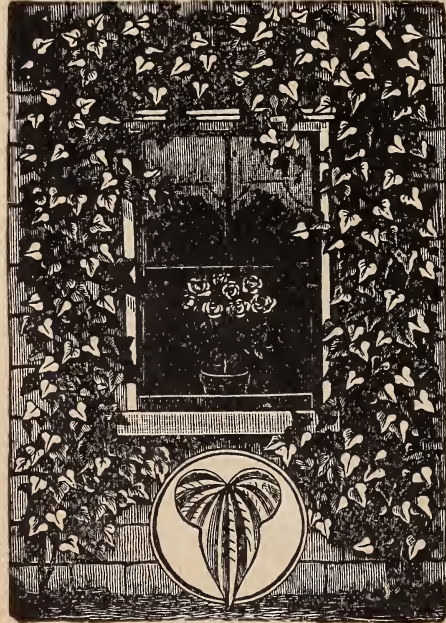
SINGLE TUBEROUS BEGONIA.



[TUBEROSE.]

**DAHLIAS.** Old favorites, producing a great wealth of bloom from midsummer until cut down by frost. Newest and best varieties in mixture, each 15c; 4 for 50c; postpaid. Dozen, \$1 00 by express.

**CINNAMON VINE.** A very pretty vine to train around the window. In midsummer the plant is covered with a brilliant, glossy foliage and an abundance of fragrant flowers. It is also an exceedingly quick grower, having been known to attain a height of twenty feet in one season. Good roots, 5c; 6 for 25c; dozen, 40c, postpaid.



Cinnamon Vine

## SULPHO TOBACCO SOAP. A Wonderful Insect Pest

Exterminator. Unsurpassed for quickly exterminating all insect life on plants and flowers in and out of doors. Excellent for rose bushes, shrubs, etc. This popular Insecticide never fails to give satisfaction and is cheap, effective and harmless. It also acts as a valuable fertilizer. For domestic purposes it rids the house of cockroaches and is a superior wash for dogs and all animals. Prevents poultry lice. You cannot afford to be without Sulpho-Tobacco Soap if you desire to be successful in plant culture.

3 oz. Cake, sufficient for 1 1/2 gallons prepared solution, 10c; mailed postpaid 13c.

8 oz. Cake, sufficient for 4 gallons prepared solution, 20c; mailed postpaid 28c.

**KILLS**  
Sulpho-Tobacco Soap  
**INSECTS**



**Big Four Oats on farm of Wm Finster, near Clinton.**

These oats were very thick and heavy, but stood up almost perfectly until cut. In fact it was almost the only field of heavy oats in this region that did stand up well last year. This speaks well for the straw of the Big Four. The oats are also the whitest and nicest looking of any we have seen. See page 18.



**Michigan Wonder Oats grown by L. M. Jacobson, five miles from Clinton.**

The photograph is not entirely satisfactory but gives a little idea of the very long straw and heavy growth of this variety.



**Japanese Millet on the farm of L. M. Jacobson.**

This photograph was taken Aug. 1, 1902, about two weeks before it was cut, and before it had reached its largest growth. Last season was very unfavorable here for all kinds of millet. In fact the Japanese was the only variety that really amounted to anything. This field yielded 40 bushels of seed per acre beside the hay. This was not a large yield for Japanese Millet, but good for the season. See page 23.

# TWO SPLENDID NEW POTATOES



*VORNEHM*



*THE CLINTON*  
REPRESENTING THE BEST  
IN QUALITY AND YIELD