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Olds

OLDS' CATALOG 1913

WISCONSIN PEDIGREE OATS

Our 1913 Introduction

SEEDS FOR THE FARM AND GARDEN

TWENTY-SIXTH SEASON



L.L. OLDS President



L.L. OLDS SEED CO., MADISON, WIS.

ABOUT YOUR ORDER

PLEASE USE ORDER SHEET found in catalogue in making out your order, and retain a copy. If you have occasion to write us about the order later give post-office address from which the order was mailed. Bill of Lading for every freight shipment is mailed when shipment is made.

WE ACKNOWLEDGE ORDERS when received, and the same are filled and shipped as promptly as possible. If part of the order is for garden seeds in packets they are sent at once by mail and that answers as an acknowledgment of the order.

WE USUALLY SHIP BY FREIGHT unless otherwise instructed. See table of freight rates below. We have three railroads here at Madison, C. M. & St. P., C. & N. W. and Ill. Central.

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

NO CHARGE FOR PACKING OR PACKAGES. Everything will be securely packed and labeled and delivered free at the Freight, Express or Post Office, without extra charge for packages except for a few items like clover seed, where bags are extra as noted in the catalogue.

PREPAID STATIONS. If there is no agent at your railroad station the freight has to be prepaid, and in such cases we must request you to send money with your order to cover the amount.

ORDER EARLY. Do this for two reasons. We can give your order more careful and prompt attention if received before we get into the rush of the spring shipping, and our assortment is complete then and we will not have to write for permission to substitute for varieties sold out.

OUR THREEFOLD GUARANTEE.

1. QUALITY. We guarantee all seeds and potatoes we send out to be as represented, and suitable for seed. But if they prove otherwise, we will refill the order or return the money, although we assume no further responsibility.

2. SAFE ARRIVAL. We guarantee everything we send out to arrive in good order. If potatoes freeze on the road we will refill the order if the time of shipping was left to our discretion. If any goods arrive in bad order, however, bags torn or anything else wrong, have this noted on the expense bill which must be sent us so that we can make proper claim.

3. RECEIPT OF MONEY. We will be responsible for all money sent us through the mails, if remittance is made by P. O. or Express Order, Draft or Registered Letter. We will also accept personal checks at face value. Small amounts, less than \$1.00, may be sent safely in postage stamps.



Cutting Alfalfa on Farm of Swartz Bros., near Waukesha, Wis. 107 Acres Averaged 5 Tons per Acre in 3 Cuttings the Past Season. Value \$20.00 per Acre at the Farm. See page 20.

FREIGHT RATES FROM MADISON, WIS., IN EFFECT JAN. 1, 1913.

Per 100 Lbs., in Barrels, Boxes or Sacks, Less than Car Lots.

(Potatoes, Garden Seeds and Grass Seeds go as third class; Grain, Corn, etc., fourth class.)

		3rd.	4th.			3rd.	4th.			3rd.	4th.
Ashland.....	Wis.	\$.44	\$.28	Cedar Rapids...Iowa	3rd.	\$.35	\$.24	Columbus.....	Ohio.	\$.48 5	\$.33 5
Baraboo.....	"	.18	.13	Clinton.....	"	.23 1	.18 7	Toledo.....	"	.45 5	.31 5
Beloit.....	"	.19 5	.14	Des Moines.....	"	.40	.29	Detroit.....	Mich	.49	.33 5
Dodgeville.....	"	.19 5	.14	Ottumwa.....	"	.36	.26	Grand Rapids...	"	.40	.28 5
Evansville.....	"	.14	.11	Shenandoah.....	"	.45	.32	Marquette.....	"	.40	.28
Fond du Lac.....	"	.24	.17 5	Sioux City.....	"	.45	.32	Saginaw.....	"	.45 5	.31 5
Green Bay.....	"	.24	.17 5	Waterloo.....	"	.40	.25	Buffalo.....	N. Y.	.52 5	.36 5
Janesville.....	"	.18	.13	Albert Lea.....	Minn.	.40	.25	New York.....	"	.72	.50 5
La Crosse.....	"	.27	.21 5	Duluth.....	"	.44	.28	Rochester.....	"	.59	.41 5
Lake Mills.....	"	.16	.12	St. Paul.....	"	.40	.25	Philadelphia.....	Pa.	.70	.48 5
Lodi.....	"	.12	.10	Winona.....	"	.33	.23	Pittsburgh.....	"	.55 5	.38 5
Lone Rock.....	"	.19	.13 5	Aberdeen.....	So. Dak.	.67	.50	Boston.....	Mass.	.77	.54 5
Mazomanie.....	"	.14	.11	Mitchell.....	"	.67	.47	Baltimore.....	Md.	.69	.47 5
Milwaukee.....	"	.24	.17 5	Sioux Falls.....	"	.47	.33 5	Richmond.....	Va.	.69	.47 5
Monroe.....	"	.18	.13	Fargo.....	No. Dak.	.77	.54	Louisville.....	Ky.	.51 5	.35 5
Mount Horeb.....	"	.14	.11	Hastings.....	Neb.	.83	.62	Atlanta.....	Ga.	1 04	.81
Portage.....	"	.18	.13	Kearney.....	"	.89	.69	Birmingham.....	Ala.	.84	.65
Stoughton.....	"	.10	.09	Lincoln.....	"	.49	.36	Little Rock.....	Ark.	.77	.59
Wausau.....	"	.30 5	.21	Omaha.....	"	.45	.32	Oklahoma City, Okla.	"	1 07	.87
Watertown.....	"	.18	.13	Atchison.....	Kans.	.45	.32	Dallas.....	Tex.	1 16	1 06
Bloomington.....	Ills.	.25 3	.19 8	Topeka.....	"	.64	.47	Denver.....	Colo.	1 10	.85
Chicago.....	"	.25 5	.17 5	Kansas City.....	Mo.	.45	.32	Cheyenne.....	Wyo.	1 19	.85
Decatur.....	"	.27 1	.21 7	Springfield.....	"	.50	.37	Miles City.....	Mont.	1 55	1 06
Elgin.....	"	.25 5	.17 5	St. Louis.....	"	.31 5	.25	Helena.....	"	1 85	1 13
Freeport.....	"	.19 5	.15	Evansville.....	Ind.	.50 5	.34 5	Spokane.....	Wash.	2 09	1 75
Peoria.....	"	.26 5	.21	Pt. Wayne.....	"	.43	.29	Portland.....	Ore.	2 45	1 45
Quincy.....	"	.31	.24 7	Indianapolis.....	"	.47	.31 5	Ogden.....	Utah	1 72	1 39
Rockford.....	"	.19 5	.14 3	Terre Haute.....	"	.47	.31 3	San Francisco.....	Cal.	2 45	1 43
Springfield.....	"	.27 8	.22 1	Cincinnati.....	Ohio	.50 5	.34 5	Los Angeles.....	"	2 45	1 45
Woodstock.....	"	.19 5	.14 3	Cleveland.....	"	.48	.33 5	New Orleans.....	La.	.79	.61

A PERSONAL WORD.

Madison, Wis., Jan. 1, 1913.

Friends and Customers:

Having now been engaged in the seed business 25 years, a full quarter century, a personal statement may not be out of place at this time. The writer began in 1888 with a four-page circular devoted to seed potatoes only, which were all grown on one good farm near Clinton, Wis. In 1895 field seeds and a small line of garden seeds were added and the warehouse capacity at the farm doubled.

In 1899 I erected a large warehouse, 96 by 48, with three floors and basement on the C. & N. W. track in the village of Clinton. Four years later, in 1903, I incorporated the business with a capital stock of \$50,000 and was made President and Manager of the new company. We continued at Clinton for five years, until 1908, when our main warehouse burned to the ground. Then we moved to Madison. Our capital stock is now \$100,000, all subscribed and paid in.

We have been in rented quarters in Madison thus far but last summer we purchased a piece of property 135 feet square located on one of the best business streets of the city with two tracks in the rear. Here we are now erecting a \$50,000 steel and concrete building with four floors and basement. This fire-proof building will give us 40,000 feet of floor space, and will enable us to handle our fast increasing business to the best advantage. The building is to be completed August first in good time for next year's business.

Last year, thanks to our good customers, was a great year for us. We did a total business of \$351,000—45 per cent increase over 1911. Our business has doubled twice since our last year at Clinton, five years ago. The figures are as follows:

Total business 1908, last year at Clinton	\$ 89,499.08
Total business 1909, first year at Madison	131,275.08
Total business 1910, second year at Madison	192,646.40
Total business 1911, third year at Madison	241,165.12
Total business 1912, fourth year at Madison	351,088.19

In the time mentioned our catalogue edition has increased from 100,000 to 215,000.

We sold last year 34,000 bushels of seed potatoes, 12,000 bushels of seed corn, 15,000 of oats, 10,000 of barley, 180,000 pounds of Montana grown Alfalfa, 300,000 pounds of millet seed, 340,000 pounds of clover seed, 170,000 of timothy, large quantities of light grasses, sand vetch, rape seed, cane, field peas, cow peas, wheat, rye, buckwheat, speltz, etc.; also an immense amount of garden and flower seeds, much more than any previous year, to say nothing of all the tools, poultry supplies and miscellaneous items.

Now for 1913, we are better prepared for business than ever before. Crops were generally abundant last season and we have full deliveries of most things. Prices are lower. Our customers get the benefit. Our list is very complete and stocks large and fine right through. We have rented extra warehouse space to take care of the stock and we hope for a continuation of the splendid trade we have enjoyed in the past.

Yours very truly,

L. L. Olds, Pres. & Gen. Manager,
L. L. OLDS SEED COMPANY.

OLDS TO ERECT NEW BUILDING

Four Story Concrete Structure Will Be Built by Seed Company—Madison Company Does Big Business All Over the World.

"Plans for the new building of the L. L. Olds Seed Company have been agreed to, and the excavations for a four story, steel and concrete building covering two lots and extending back a distance of 125 feet, will be begun this fall, and the basement and first floor will be finished by spring.

The location affords excellent shipping facilities as two tracks are available for transportation. In appearance the new building will be much the same as the plant of the Capital City Paper Company, on the same block.

The structure which is to be made entirely of steel and concrete will be equipped with four floors and a basement, the latter to be used principally for potatoes. The retail store and shipping will cover the first floor, the field seed department the second, the garden seed on the third, where the offices will also be located, while the fourth floor will be used for general storage purposes.

RAPIDLY GROWING BUSINESS.

The rapidly growing character of the business of the Olds Company is shown by the fact that the total amount

of business for the year ending July, 1912, exceeded that of the previous year by 45½ per cent.

The magnitude of the seed business done by the company now approaches that of the long-established companies in other cities. The company does both a wholesale and retail business. One year's orders after filing made a pile over thirty feet high. Over 200,000 names are on the mailing list. Pacific coast and other far western states are conspicuous on the list of patrons and orders were received from every state in the Union as well as from foreign countries and shipments are made to all parts of the world.

"The year has been a remarkably good one for us, the best in our history thus far. Still I feel there is no reason why we should not do a profitable business every year from now on," said Mr. L. L. Olds, general manager. "We have here at Madison the best possible location in the state and our field is almost unlimited. We have added a lot of new names to our list of customers the past season who have come to stay."—Madison Democrat, Sept. 7, 1912.

THE NEW PARCEL POST LAW.

The latest ruling as our catalogue goes to press is that seeds, bulbs and plants are not affected by the new law so far as the rate of postage is concerned. The rate will be the same as before, 8c per lb. Small tools and miscellaneous items such as we list in the back of the catalogue may be mailed under the new law up to 11 pounds in weight. Add for postage according to weight and distance as per following table:

WEIGHT	Local rate	50 Miles	50 to 150 Miles	150 to 300 Miles	300 to 600 Miles	600 to 1,000 M.	1,000 to 1,400 M.	1,400 to 1,800 M.	Over 1,800 M.
1 pound.....	\$0.05	\$0.05	\$0.06	\$0.07	\$0.08	\$0.09	\$0.10	\$0.11	\$0.12
2 pounds.....	.06	.08	.10	.12	.14	.16	.19	.21	.24
3 pounds.....	.07	.11	.14	.17	.20	.23	.28	.31	.36
4 pounds.....	.08	.14	.18	.22	.26	.30	.37	.41	.48
5 pounds.....	.09	.17	.22	.27	.32	.37	.46	.51	.60
6 pounds.....	.10	.20	.26	.32	.38	.44	.55	.61	.72
7 pounds.....	.11	.23	.30	.37	.44	.51	.64	.71	.84
8 pounds.....	.12	.26	.34	.42	.50	.58	.73	.81	.96
9 pounds.....	.13	.29	.38	.47	.56	.65	.82	.91	1.08
10 pounds.....	.14	.32	.42	.52	.62	.72	.91	1.01	1.20
11 pounds.....	.15	.35	.46	.57	.68	.79	1.00	1.11	1.32

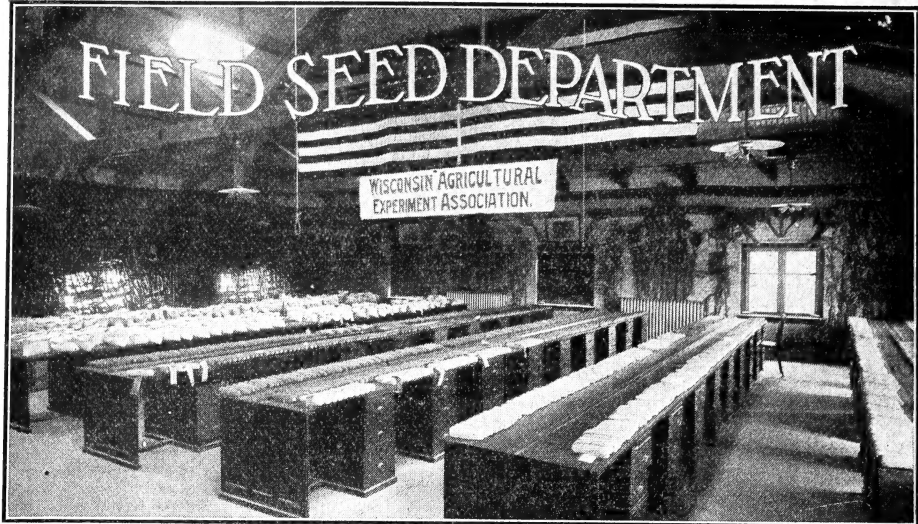


Exhibit of Corn, Grain and Seeds at Annual Meeting of Wisconsin Experiment Association.

STATE INSPECTED SEEDS.

Our Field Seeds are inspected by the Wisconsin College of Agriculture and germination and purity tests as given by them are furnished with every shipment that goes out. This applies to everything in the field seed line as listed on the first 23 pages of our catalogue except that in the case of corn we generally use our own tests. We test corn several times as it often changes during the season. For this reason we always want to give the latest test taken just before the corn is shipped out, and that we can usually get quicker ourselves than from the Agricultural College.

Buy Pure Seeds Only. You are entitled to them. If anyone in Wisconsin offers you anything in the Field Seed line containing noxious weeds in quantity greater than one to 1,000 or seed that does not carry a tag showing complete tests, etc., he is violating the law and subject to fine. Farmers also, as well as seed dealers are subject to the same law, except that they are allowed to sell grain, not clover or grass seed, to their neighbors without testing and can sell anything to merchants without tests. Wild oats, Canada thistle, quack grass, wild mustard, dodder, corn cockle, ox-eye daisy, butter and eggs, sow thistle, Russian thistle, velvet weed and buckhorn are all noxious weeds. Look out for them.

Our Guarantee. Read what we say about guaranteeing quality on the second cover page. This applies to all the seeds we offer both Field Seeds and Garden Seeds. However mistakes sometimes occur in spite of the utmost care and we give no warranty, expressed or implied, as to description, quality or productiveness, of any seeds we send out and we will not assume responsibility further than the amount of the order.

FREE SAMPLES BY MAIL.

We furnish small samples to intending purchasers free on request of any of our Field Seeds except those that are sold in packets. We believe the sample method is the most satisfactory method of buying Field Seeds and our samples are of unusual value because we print purity and germination tests on the sample bags. Following our custom of the last six years we are making up a collection of samples of the leading varieties, the ones that our customers are likely to be most interested in, which we call our "Free Sample Collection of Field Seeds." This is mailed absolutely free. The "Free Sample Collection" is made up this year as follows:

- Wisconsin Pedigree No. 1 Oats. Best oat ever bred for rich soils. Page 8.
- Regenerated Swedish Select Oats, Canadian Grown. Greatest oat on earth. Page 10.
- Wisconsin Pedigree Barley. World's Champion four years in succession. Page 12.
- Montana White Hullless Barley. No beards or hulls. Page 13.
- Marquis Wheat. The great \$1,000.00 prize wheat. Page 15.
- Medium Red Clover, Old Gold Brand. Best and purest. Page 19.
- Alsike Clover, Old Gold Brand. Pure, bright seed. Goes further than Red Clover. Page 19.
- Olds' Fancy Montana Alfalfa. The hardest and best for northern sowing. Page 20.
- Sweet Clover, White Blossom, Hulled. Prepares the soil for alfalfa. Page 21.
- Timothy, Old Gold Brand. Olds' High Grade Wisconsin grown seed. Page 22.

\$100.00 IN CASH PREMIUMS.

We offer the following Cash Premiums for products grown from seed purchased of us this year.

AT WISCONSIN STATE FAIR, MILWAUKEE, FALL OF 1913.

- Best Peck Oats, Any Variety, from seed purchased of us..... \$10.00
- Best Peck Barley, Any Variety, from seed purchased of us..... 10.00
- Best Peck Wheat, Any Variety, from seed purchased of us..... 5.00
- Best Collection Vegetables, from seed purchased of us..... 25.00

AT NORTHERN WISCONSIN STATE FAIR, CHIPPEWA FALLS, FALL OF 1913.

- Best Peck Oats, Any Variety, from seed purchased of us..... \$10.00
- Best Peck Barley, Any Variety, from seed purchased of us..... 10.00
- Best Peck Wheat, Any Variety, from seed purchased of us..... 5.00

AT WISCONSIN EXPERIMENT ASSOCIATION MEETING, WINTER OF 1914.

- Best Half Peck Oats, Any Variety, from seed purchased of us..... \$10.00
- Best Half Peck Barley, Any Variety, from seed purchased of us..... 10.00
- Best Half Peck Wheat, Any Variety, from seed purchased of us..... 5.00

OLDS' SEED CORN.

We make a specialty of Fancy Ear Corn and we are building up a great trade for it. Have been selling it on the ear in bushel crates for 8 years. All our Wisconsin grown corn is fire-dried.

We want to call attention to the style of crate we use as shown in the illustration below. The ears are securely packed in strong crates, 70 pounds net to the crate. Tops and bottoms are tight and this year we are lining all the crates with wire netting so that they are absolutely mouse proof. The corn cannot lose out during shipment even if some of it shells off, nor can ears be picked out.

Our growers, who are mostly members of the Wisconsin Experiment Association and have been under Prof. Moore's training, must see to it that all the ears they furnish are choice ears, uniform in size and shape, true to type and free from any mixture. When we receive the corn here we inspect again and throw out every ear not up to standard.

OUR GUARANTEE.—Note what we say about guaranteeing quality on introductory page. This applies to corn, as well as other things. We guarantee to the extent of the amount sent us, no further. At the same time we like to have our customers test the corn themselves and return it promptly if not satisfactory.

GOLDEN GLOW. (Wisconsin No. 12.)

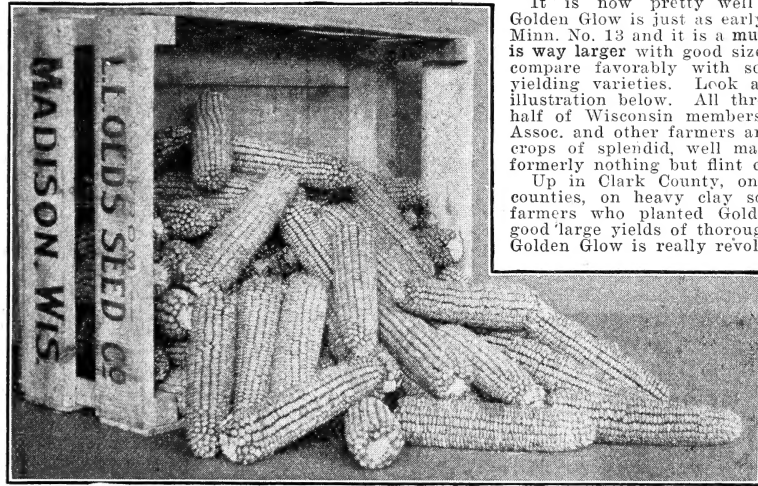
The Earliest Good Corn in Existence.



This is the corn that many have been looking for, something earlier than Silver King and Murdock Yellow Dent and yet large enough to make it a profitable variety for general culture. It matures safely as far north as north central Wisconsin and yields big crops of good-sized ears.

History. This is strictly a Wisconsin variety and to Prof. R. A. Moore, Agronomist at the Wisconsin Agricultural College, belongs the credit of bringing it out. It is a cross of Wis. No. 8 or Minn. No. 13 and Toole's North Star, the idea being to produce a corn combining the extreme earliness of the former with the larger ears and deeper kernels of the latter.

Description. Golden Glow is a pure golden yellow corn, most attractive in color and appearance. Ears are fairly large, averaging about 8 inches in length, symmetrical in shape, slightly tapering with exceptionally well-filled tips; kernels of good length for such an early corn, with a slight roughness at the outer ends and very free from a tendency to flintiness; stalks large and strong with abundant foliage making it a very desirable fodder or silo variety.



It is now pretty well established that Golden Glow is just as early as Wis. No. 8 or Minn. No. 13 and it is a much better corn. It is way larger with good sized ears that really compare favorably with some of the heavy yielding varieties. Look at the ears in the illustration below. All through the northern half of Wisconsin members of the Wis. Ex. Assoc. and other farmers are now getting big crops of splendid, well matured corn, where formerly nothing but flint corn was grown.

Up in Clark County, one of the northern counties, on heavy clay soil, 79 out of 91 farmers who planted Golden Glow reported good large yields of thoroughly matured corn. Golden Glow is really revolutionizing farming in northern sections.

We have the best and largest stock of Golden Glow this year that we ever had and it is all Wisconsin grown. One unusually fine lot is from Mr. A. L. Thompson of Trempealeau

County. The accompanying illustration is of some of Mr. Thompson's Golden Glow. We have also some from Pierce and Eau Claire counties. These lots will be best for our northern customers. Our largest stock of Golden Glow grew in Jefferson, Dane and Sauk counties and that will be all right for this latitude.

PRICES OF GOLDEN GLOW FOR 1913.

Ears: Bu., \$4.00; 5 bus. at \$3.85; 10 bus. at \$3.75. (Crates free. 70 pounds per bushel.)

Shelled: 1/2 pk., 60c; pk., \$1.00; bu. (56 lbs.), \$2.75; 5 bus. at \$3.60; 10 bus. at \$3.50.

(For prices in smaller quantities see page 7. The shelled corn we offer of all Wisconsin varieties was tipped before shelling and is nearly if not quite as good as the ear corn. Prices include crates and bags. We ship shelled corn in regular cotton seamless grain bags.)

A. L. Wagner of Sheboygan County, one of our growers of Golden Glow, says in an address at the last Experiment Association Meeting:

"For the past four years we have been growing Golden Glow corn both for seed and fodder, starting with seed that was procured from the Experiment Association. This variety has done exceptionally well for our community which has a rather short growing season on account of its close proximity to the lake. It matured every year by Sept. 20th, being planted somewhere around May 20th. The average yield has been 63 bushels of shelled corn per acre.

"We have now been curing and selling seed corn for three years and have not experienced any trouble whatever to dispose of our surplus at a good price. Last fall a large number of farmers in our community ordered their seed in advance of the season, even before it was being put into the drying room. This fact shows that this corn is looked upon as a splendid variety for this locality, and I am sure that the time is not far distant when everyone in this vicinity will be growing Golden Glow Corn."

MURDOCK YELLOW DENT.

The Sweepstakes Corn of the Northern Zone.



Murdock Yellow Dent was awarded sweepstakes for the Northern Zone, comprising the states of Wisconsin, Michigan, Minnesota, North Dakota and South Dakota, at both of the last two National Corn Expositions and this in competition with corn of all varieties. Mr. H. C. Brueckner of Jefferson County, Wisconsin, who is our largest grower of Murdock, was the exhibitor of this corn. He says, "I have grown Murdock for ten years and have improved it a great deal by the selection of seed. I have taken a premium at every show where I have shown corn." We believe he has the finest, most even grade of corn in the state.

Murdock Yellow Dent is a pure yellow corn with ears averaging about 8 inches in length, very uniform in size and type. Kernels are very compact and solid on the cob, of good width, slightly rough on the outer ends and with hardly any tendency to flintiness such as is found in many other varieties. This is largely however a matter of breeding and selecting. Mr. Brueckner has taken great pains with his corn to breed it up to a uniform type and he has succeeded to a remarkable degree. There are no run-out ears in his corn. The tips are perfectly filled out with dent kernels, not flinty kernels. Notice our illustration, which is an actual photograph.

As to season, Murdock is the earliest corn we have in Wisconsin except Golden Glow and Wisconsin No. 8. It is earlier than either Clark's Yellow Dent or Silver King and will yield as much as either and more than Golden Glow. It is a better corn than any we have just named. For a Wisconsin



Mr. Brueckner and His Sweepstakes Corn.

corn and a yellow variety, which is what most farmers want, it is without any question the very best to be found.

A further word about our Brueckner stock. Mr. Brueckner not only knows how to breed up corn but he knows how to select it. We never have to re-sort his corn. This is the fourth year we have handled his Murdock and those who have had some of it during the last three years know just how fine it is. Last year we could not begin to supply the demand for it. We ask more for it because it is worth more. Our other Murdock is good stuff, is all Wisconsin grown and most of it from Brueckner seed, but if you want something fancy and that you know has the breeding in it order the Brueckner stock. The price is a small matter anyway, when it comes to corn.

PRICES FOR MURDOCK YELLOW DENT.

Brueckner stock (Grown and put up by Mr. Brueckner)—Ears (in bushel crates): Bu., \$4.50; 5 bus. at \$4.35; 10 bus. at \$4.25. Shelled (in grain bags): Bu., \$4.25; 5 bus. at \$4.10; 10 bus. at \$4.00.

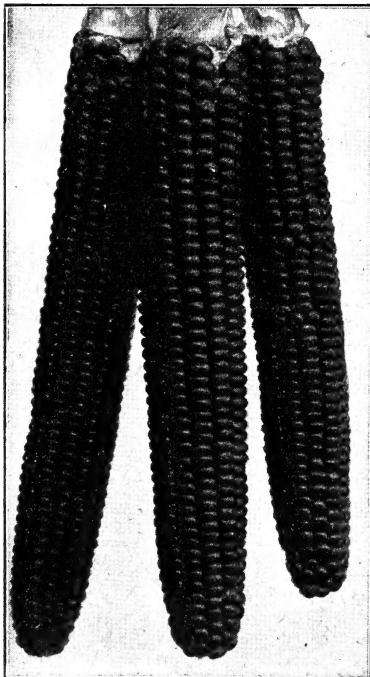
Other Wisconsin stock—Ears: Bu., \$4.00; 5 bus., at \$3.85; 10 bus. at \$3.75. Shelled: Bu., \$3.75; 5 bus. at \$3.60; 10 bus. at \$3.50.

OLDS' IMPROVED TWELVE-ROWED FLINT.



Twelve-rowed corn yields more per acre than 8-rowed. The ears are larger in circumference and have more corn on them. For this reason, leading dairymen are planting it for the silo and for early feed. Twelve-Rowed Flint is a selection from the well known Longfellow Flint or Yankee Corn. It is just as early as Longfellow and has the same beautiful, clear yellow color. The one objection to Twelve-Rowed in the past has been that the ears were too short. By careful selection, we have materially lengthened the ears, so that now we have it nearly as long as the original Longfellow. Our stock is all fancy Wisconsin grown.

Prices—Ears: Bu., \$4.00; 5 bus. at \$3.85; 10 bus. at \$3.75. Shelled: Bu., \$3.75; 5 bus. at \$3.60; 10 bus. at \$3.50.



Improved Twelve-Rowed Flint.



SILVER KING (Wisconsin No. 7).

Silver King stands at the head of the list today of all-around good varieties of corn adapted to latitude of Southern Wisconsin. It has become immensely popular and has really revolutionized corn growing in Wisconsin putting us as a state ahead of Illinois, Iowa, Missouri, Nebraska and Kansas in yield per acre. This is a great triumph for Silver King.

History:—This corn originated in northern Iowa. Prof. Moore brought it to Wisconsin a few years ago and has developed and improved it and sent it out over the state through the members of the Wisconsin Experiment Association. Ours was the first seed house to offer it, cataloging it for the first time in 1907. It has yielded at the Wis. Ex. Station 98 bushels per acre and the average yield for the whole state for 3 years was 57 bushels as compared with 33 bushels, the average of all other varieties. One Dane County farmer reports a yield of 115 bushels per acre the past season.

Description:—In appearance the corn is a beauty. Ears just the right length, averaging 8 to 9 inches, always filled out clear to the tips, and very uniform in size and type. The corn is pure snow-white in color with good length kernels set compactly in straight rows. The corn is a strong grower, early enough to mature as far north as Oshkosh, Wisconsin, and is especially adapted to resist cold weather. It has a decided double-ear characteristic, one reason for its fine yield records.

Value:—We feel that we can hardly rate the value of this corn too high. It gets ripe and it produces the yield. Prof. Moore says, "Push it hard. It will stand it." Hundreds of young men, the leading farmers of Wisconsin, are ready to swear by Silver King. These progressive young farmers, members of the Wisconsin Experiment Association, have grown most of our stock for us.

PRICES OF SILVER KING FOR 1913.

Ears: Bu., \$4.00; 5 bus. at \$3.85; 10 bus. at \$3.75. (For smaller quantities see page 7.)
Shelled: ½ pk., 60c; pk., \$1.00; bu., \$3.75; 5 bus. at \$3.60; 10 bus. at \$3.50.

TOOLE'S NORTH STAR.

An early yellow dent originated by Mr. Wm. Toole of Sauk County, south central Wisconsin, where it is very popular. The Wis. Agri. College have thought enough of it to give it a place on their list of pure-bred varieties. They describe it as earlier than Clark's Yellow Dent and just as large.

We have nearly a car load to offer, all from one expert grower of Sauk county, Mr. Riley Martiny. This corn is very nice and will please anyone looking for a well-bred early yellow dent.

Prices—Ears: bu., \$4.00; 5 bus. at \$3.85; 10 bus. at \$3.75.

Shelled: Bu., \$3.75; 5 bus. at \$3.60; 10 bus. at \$3.50.

CLARK'S YELLOW DENT.

(WISCONSIN NO. 1.)



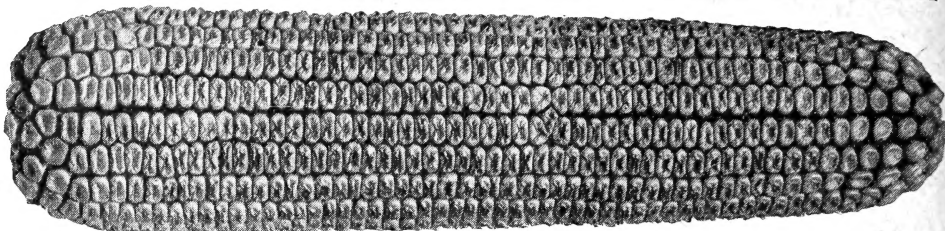
Originated with Mr. Ben Clark, an old corn grower of Walworth county, Wis. The corn always breeds very true to type, uniform in color, size and shape of ear, always splendidly filled out at tip and butt; kernels of a bright golden color, compactly set on the cob, and of unusual length for so early a corn; one good ear to every stalk. Best of all, the corn is a very heavy cropper.

Prices—Ears only: Same as for North Star.

WHITE CAP YELLOW DENT.

For description see page 7. We have a limited stock of this famous variety grown way north in Eau Claire county, Wisconsin.

Prices—Ears only: Same as for North Star.



The Famous Pascal Ear of Reid's Yellow Dent, grown by D. L. Pascal, De Witt, Iowa. This ear won grand championship in 1907, and was sold at auction for \$150.00. Has been exhibited in many states since and is still recognized as the finest ear ever exhibited.

REID'S YELLOW DENT.

Reid's Yellow Dent is doubtless more largely grown throughout the corn belt than all other varieties of yellow corn combined. It is of a light golden color; ears are 8 to 11 inches long, 7 to 8 inches in circumference; the cob carries a large amount of corn, shelling 88 per cent grain, and often better. The ears of this variety are remarkably uniform, no lost space between the rows.

Our Reid's Yellow Dent was all grown in Woodford county, Illinois, just at the northern edge of the corn belt. This stock is from Mr. J. N. Valentine, a prominent breeder of Improved Reid's Yellow Dent seed corn who has furnished us our stock of Reid's for several years.

Prices—Ears: 1 bu., \$3.25; 5 bus. at \$3.10; 10 bus. at \$3.00.

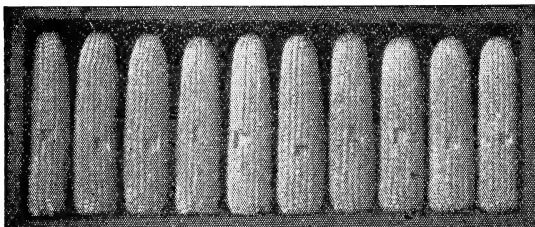
Shelled: Pk., 75c; bu., \$2.75; 5 bus. at \$2.60; 10 bus. at \$2.50.

JOHNSON COUNTY WHITE DENT.

FOR FOUR YEARS THE GRAND SWEEPSTAKES CORN OF AMERICA.

Ever since the National Corn Exposition at Chicago, fall of 1907, the agricultural papers have had a great deal to say about the wonderful corn from Indiana that netted its owner, Mr. L. B. Clore, a total of \$7,536.50 in cash and special prizes. In 1907, 1908, 1909 and Feb. 1911, this corn was awarded "Grand Sweepstakes" for the best 10 ears of corn of any color in the world.

Johnson County White Dent is a very highly bred pure white corn adapted to all of the corn belt, but not of course to the northern states. The shape of ears is cylindrical, with tips well filled out; white kernel and cob; butts deeply rounded with medium shank; kernels uniform and wedge shape; ears averaging 10 inches in length.



Johnson County White Dent.

IMPROVED LEAMING.

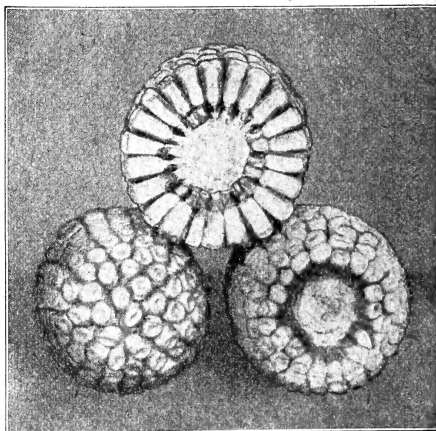
The Leaming is the oldest distinct variety of corn, having been originated in 1826. It is a standard yellow corn, well adapted to northern and central Illinois and the most of Iowa, and similar latitudes. In fact, it is grown with success in southern Wis.

It is a very popular corn with stock feeders and is generally considered by them a most profitable variety, as it yields heavy crops of large solid ears.

We have a fancy lot of Leaming ears to offer this year, grown in DeKalb County, Illinois, only 40 miles from the Wisconsin state line. It is therefore almost equal to Wisconsin grown. Our grower says it is earlier than Reid's Yellow Dent with him and he considers it a more desirable corn for northern Illinois.

Prices—Ears only: Bu., \$3.75; 5 bus. at \$3.60; 10 bus. at \$3.50.

Geo. W. Browe, Wadsworth, Ill., writes Aug. 22, 1912: "Your check for \$3.25, refund for seed corn, safely received. Thank you. Your square dealing is appreciated and will be remembered."



Improved Leaming.

IOWA SILVER MINE.

A very famous white dent throughout the corn belt. Ears are large, 10 or 11 inches long with kernels of unusual length making it a great producer. This corn has made many prize yield records. Our stock is Ohio grown from the same man who grew our Johnson County. It is very fine.

Prices—Ears: Bu., \$3.00; 5 bus. at \$2.85; 10 bus. at \$2.75.

Shelled: Bu., \$2.50; 5 bus. at \$2.35; 10 bus. at \$2.25.

WESTERN GROWN CORN.

The corn offered on this page is all Nebraska grown. It is from reliable growers, is thoroughly cleaned and graded by the latest improved machinery, shows good germination tests and most of the varieties are extra early. It is fully equal to the corn offered by most seedsmen who do not tell where their corn is grown but is by no means equal to our Wisconsin grown corn and will be later in maturing. All western corn is later when planted here. This corn is all shelled.

PRIDE OF THE NORTH.

The old, well-known standard extra early Yellow Dent. A strictly 90-day corn. Ears not large, but kernels very deep with very small cob. Probably no variety furnishes as a large a percentage of shelled corn. Ears about 7 to 8 inches long, often two on a stalk.

Prices—Shelled only: ½ pk., 40c; pk., 65c; bu., \$2.00; 5 bus. at \$1.85; 10 bus. at \$1.75.

KING OF THE EARLIES.

Another extra early described by a well-known Wisconsin seed firm as "the Earliest Dent Corn in Cultivation." Ears are rather short, cob small, kernels a little shorter than for Pride of the North. Color, deep golden yellow. Stalks 6 to 8 feet high, very leafy.

Prices, same as for Pride of the North.

WHITE CAP YELLOW DENT.

Nearly as early as Pride of the North, and considerably larger. It grows 6 to 7 feet high; abundant foliage; large, fine ears, 8 to 10 inches long, well filled to the tip, 16 to 18 rowed; outer end of kernel white, balance amber yellow.

Prices, shelled only: Pk., 65c; bu., \$2.00; 5 bus. at \$1.85; 10 bus. at \$1.75.

WISCONSIN WHITE DENT.

A well known and popular early variety quite largely grown in Wisconsin and Minnesota. Not pure white, but creamy white in color.

Prices, same as for White Cap Yellow Dent.

REID'S YELLOW DENT.

See description on page just preceding.

Prices, Nebraska grown, shelled: Pk., 60c; bu., \$1.75; 5 bus. at \$1.60; 10 bus. or over at \$1.50.

IMPROVED LEAMING.

See description on preceding page.

Prices: same as for Reid's Yellow Dent.

GIANT RED-COB ENSILAGE.

Greatest of all Fodder Varieties.

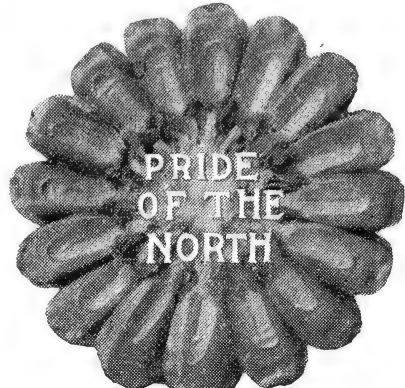
A pure white corn with red cob, which grows very large. No dairy farmer should be without it. It can be fed green, made into silage, or cut up.

Prices: ½ pk., 30c; pk., 50c; bu., \$1.50; 2½ bus. at \$1.35; 10 bus. at \$1.25.

EVERGREEN SWEET FODDER CORN.

A fodder grade of Evergreen Sweet Corn. Stalks are very sweet, rich and tender.

Prices: ½ pk., 45c; pk., 75c; bu. (measured), \$2.50; 5 bus. at \$2.35; 10 bus. at \$2.25. (For other Sweet Corn, see Garden Seed pages.)



EARLY LONGFELLOW FLINT.

The most popular of all flint varieties. It is a beautiful 8-rowed yellow flint, with slender, straight ears, 10 to 15 inches long. Kernels are large and wide, and cob very small. Ripens in 75 to 85 days; and very prolific. Well adapted to the northern states and largely grown.

Prices: ½ pk., 45c; pk., 75c; bu., \$2.50; 5 bus. at \$2.35; 10 bus. at \$2.25.

SANFORD'S WHITE FLINT.

The ears are of unusual length, 12 to 15 inches, smooth and symmetrical in shape, of a flinty white color. Stalks usually have 2 or 3 ears. Prices, same as for Longfellow Flint.

KING PHILIP FLINT.

A very early 8-rowed red flint. Ripens in 80 days. Stalks are very leafy, splendid for feeding green or for silage. Extremely hardy.

Prices, same as for Longfellow Flint.

CANADA SMUT NOSE FLINT.

A very popular extra early eight-rowed flint, specially valuable for northern planting. Ears are very long and bright golden yellow except near the tips where the color is clouded.

Prices: Same as for Longfellow.

COMPLETE PRICE LIST.

	Ears (Crates Free)					Shelled (Bags Free)				
	½ peck	Peck	Bu.	5 bus.	10 bus.	½ peck	Peck	Bu.	5 bus.	10 bus.
Golden Glow, Wisconsin Grown	\$0.65	\$1.10	\$4.00	\$3.85	\$3.75	\$0.60	\$1.00	\$3.75	\$3.60	\$3.50
Murdock Yellow Dent, Brueckner Stock	.75	1.25	4.50	4.35	4.25	.65	1.15	4.25	4.10	4.00
Murdock Yellow Dent, Other Wisconsin	.65	1.10	4.00	3.85	3.75	.60	1.00	3.75	3.60	3.50
Improved 12 Rowed Flint, Wis. Grown	.65	1.10	4.00	3.85	3.75	.60	1.00	3.75	3.60	3.50
Silver King, Wisconsin Grown	.65	1.10	4.00	3.85	3.75	.60	1.00	3.75	3.60	3.50
Toole's North Star, Wisconsin Grown	.65	1.10	4.00	3.85	3.75	.60	1.00	3.75	3.60	3.50
Clark's Yellow Dent, Wisconsin Grown	.65	1.10	4.00	3.85	3.75	.60	1.00	3.75	3.60	3.50
White Cap Yellow Dent, Wis. Grown	.65	1.10	4.00	3.85	3.75					
White Cap Yellow Dent, Neb. Grown						.40	.65	2.00	1.85	1.75
Reid's Yellow Dent, Illinois Grown	.50	.85	3.25	3.10	3.00	.45	.75	2.75	2.60	2.50
Reid's Yellow Dent, Nebraska Grown						.35	.60	1.75	1.60	1.50
Johnson Co. White Dent, Ohio Grown	.50	.85	3.25	3.10	3.00	.45	.75	2.75	2.60	2.50
Improved Leaming, Illinois Grown	.60	1.00	3.75	3.60	3.50					
Improved Leaming, Nebraska Grown						.35	.60	1.75	1.60	1.50
Iowa Silver Mine, Ohio Grown	.50	.85	3.00	2.85	2.75	.45	.75	2.50	2.35	2.25
Pride of the North, Nebraska Grown						.40	.65	2.00	1.85	1.75
King of the Earlies, Nebraska Grown						.40	.65	2.00	1.85	1.75
Wisconsin White Dent, Nebraska Grown						.40	.65	2.00	1.85	1.75
Giant Red Cob Ensilage						.30	.50	1.50	1.35	1.25
Early Longfellow Flint, Nebraska Grown						.45	.75	2.50	2.35	2.25
Sanford's White Flint, Nebraska Grown						.45	.75	2.50	2.35	2.25
King Philip Flint, Nebraska Grown						.45	.75	2.50	2.35	2.25
Canada Smut Nose Flint, Neb. Grown						.45	.75	2.50	2.35	2.25
Evergreen Sweet Fodder, Neb. Grown						.45	.75	2.50	2.35	2.25

Half bushels at bushel rates. We sell by weight, except Sweet Corn. A bushel of shelled corn is 56 pounds net, a bushel of ears 70 pounds net. Less than one bushel ears shipped in sacks.

Sample ear, any variety offered on the ear, 25c by mail, 15c by freight. This may be deducted from first order for one bushel or over. Qt., by mail, 30c; by freight, 15c. Sample packets free.



Harvesting Wisconsin Pedigree No. 1 Oats on Wisconsin University Farm. This Plat Yielded 110.6 Bushels per Acre, the Highest Yield of All Oats Tested and 33 Per Cent Higher than the Average of 42 Other Varieties.

WISCONSIN PEDIGREE No. 1 OATS.



Prof. R. A. Moore, Agronomist at the Wisconsin College of Agriculture has made Wisconsin the leading state in America for pedigree seed grains. Swedish Select Oats (Wis. No. 4), introduced in 1904, have become famous in every state in the Union and have been pronounced by the U. S. Dept. of Agri. "the best American Oat." Now for 1913, we have the honor of introducing a new oat of Prof. Moore's, that bids fair to prove a more valuable variety and become even more popular than the celebrated Swedish Select. It has outyielded everything thus far and it does not lodge even on rich soils. Out on the University Farm they call it the "best oat in the world." It is our leader for 1913, and we give it the most prominent place on our front cover.

History. Wisconsin Pedigree No. 1 originated at the Wisconsin Experiment Station 15 years ago from a variety called Wisconsin Wonder or Improved Bonanza. About 100 other new varieties of oats were started in the experimental plats at the same time. After 14 years of careful breeding work, consisting of a long painstaking process of selection and elimination, five pedigree varieties of oats, which went by numbers, were given members of the Wisconsin Ex. Assoc. last season, 1912, in bushel lots, for trial. Pedigree No. 1 proved by far the best of all the pedigree varieties and gave splendid results in every section of the state. We give on the opposite page extracts from some of the reports. These young men are very enthusiastic over them.

Description. Wisconsin Pedigree No. 1 is a pure white oat, good sized, a little longer in grain than Swedish Select, with a somewhat shorter and stiffer straw than Swedish Select, and it is a little earlier in ripening. In fact it is about midway between New Kherson and Swedish Select for season and length of straw and seems to have just as stiff a straw as Kherson. It will no doubt take the place of that variety for rich soils and is a much better oat. Prof. Moore makes quite a point of the stiffness of the straw. He says: "It is the best oat for medium rich soils thus far bred at the station farm. It will stand up on rich river bottom land and similar locations where Swedish Select usually lodge."

Value. It looks to us as if we have here the most valuable thing in the oat line ever introduced. The oats are heavy, good sized, with thin hull, look nice, outyield everything else, will grow on rich soils and stand up where other varieties go down. Read over the reports on the opposite page and remember these are from 30 different men from all parts of the state, with different soils and conditions and they are from men too who are trained to make careful tests and accurate reports. Most of them speak of the yield. One reports 90 bushels grown from one bushel.

We hope all our customers who raise oats will get started with the Pedigree No. 1 this year. Do not wait. There is money in them. Most of our stock was grown by our expert seed grain grower, Assemblyman H. E. Krueger. Order early. There will be a great demand for them.

PRICES OF WISCONSIN PEDIGREE NO. 1 OATS FOR 1913.

By mail: 2 oz pkg., 10c; lb., 35c. By freight or express: Lb., 25c; ½ pk., 50c; pk., 75c; bu. (32 lbs.), \$2.00; 2½ bus. at \$1.75; 10 bus. at \$1.60; 25 bus. or over at \$1.50. (Sacks included.)



Wisconsin Pedigree No. 1 on Farm of H. E. Krueger, Dodge County, Wisconsin.
Mr. Krueger Says: "Best Oats for Yield We Have Ever Grown."

WHAT THEY SAY ABOUT WISCONSIN PEDIGREE NO. 1.

Extracts from Reports of Members of the Wis. Ex. Assn. Who Grew the New Oats Last Season.

John Puls, Washington County: "From the 40 pounds (measured bushel) sent me last spring I threshed 90 bushels of oats."

Harvey Jamison, Outagamie County: "The Pedigree Oats stand up very good and are heavier than Swedish Select Oats."

I. Blood, Jr., Waukesha County: "The Pedigree Oats stood up much better than our oats, were earlier, and had a heavier, plumper grain."

H. W. Meekin, Fond du Lac County: "I was favorably impressed with this variety, especially the manner in which they stood up on rich soil."

H. G. Mau, Green County: "I am very much pleased with my Pedigree Oats. In my opinion they would be the oat to grow on rich soil as they stood up well and grow a very strong, stiff straw and have extra long heads."

Fred P. Grebe, Dodge County: "This is the second year I have grown the Pedigree Oats and must say that I am well pleased with them."

Lester Holt, Waukesha County: "They stood up much better than the Swedish Select and the grain and straw were much brighter."

Gustav Schoenck, Oneida County: "Pedigree oats yielded about six bushels more to the acre than any other oat I have raised and the kernels are very full. They are a nice clean oat."

Gustav Koettmer, Manitowoc County: "I think they are the best oats I ever got hold of."

C. A. Koll, Eau Claire County: "The oats had a plumper kernel, stiffer straw and a better yielder and a brighter straw."

A. W. Sunsmith, Dodge County: "The best oats I have ever raised."

N. A. Spartz, Racine County: "I think these oats are a much better yielder than any I have ever grown. The straw was very stiff, standing up when my other oats went down as if they had been rolled."

F. Earl Palmer, Walworth County: "The Pedigree Oats I sowed this year yielded twice as much as our other oats. They were sown on a little the best ground but I think they are a great oat as I got 58 bushels from the one bushel sown."

Walter G. Streiber, Sheboygan County: "They are coarse in straw and stand up well on rich soil besides being surprisingly heavy and a great yielder. The Pedigree Oats have the advantage in the above factors over the oats I so far have grown, especially in yielding power, but they could mature a little earlier. I recommend this variety very highly."

Frank Ubbelohde, Sheboygan County: "I think they are all right as they stand up well and do not lodge near as easily as earlier oats."

Wm. F. Renk, Dane County: "I think the Pedigree Oats are ahead of anything we have ever tried. The straw is very stiff and the oats stand up and yield very much better."

Wm. T. Neuberger, Dodge County: "Pedigree Oats have a very thin hull and a large kernel in comparison with the ordinary oats. They also are a greater yielder."

W. H. Von der Ohe, Sauk County: "I think the No. 1 Oats are all a man could ask for. They stood up on spring plowed ground where the Swedish Select did not and I think 50 bushels from one bushel of seed is not a bad yield. Will let you know the result of next year's crop."

R. O. Hargrave, Fond du Lac County: "Pedigree Oats have a very stiff straw, stood up well where Big 4 oats right next to them went down badly. They have a plump, heavy kernel, ripen more slowly than Big 4. Time of cutting shows nothing here as field was wet and we could not cut as soon as we should."

Gustav A. Parsch, Marathon County: "This is a splendid variety and excels any oat I have seen this year in stiffness of straw, even stand and plumpness of kernel."

Albert Asleson, Dane County: "Pedigree Oats stand up well and are a heavy oat. They do not rust as much as the other oats I have raised. Will sow about 10, acres next year."

Hugo Wunsch, Sheboygan County: "These oats are heavier than our old variety, yielded better and stood up better."

Guy Treleven, Winnebago County: "I was more than satisfied with the result obtained. The straw was stiff and the oats stood up well."

Rudolph H. Reineking, Sheboygan County: "These oats stood up exceedingly well, better than my Swedish Select. They have better and larger heads than any of my other varieties. Comparing them with Swedish Select, they are about the same in height, ripen just as fast and do not lodge as easily."

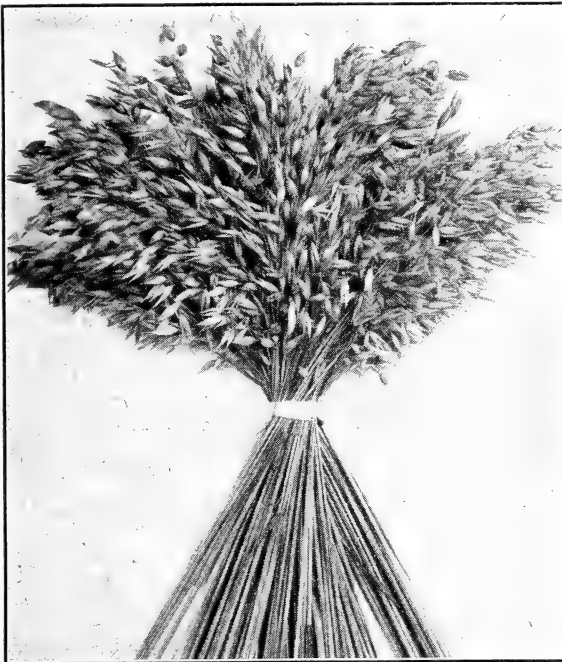
Otto Oimoen, Iowa County: "Heads are longer and better filled out than other oats. The straw is also stiffer. The oats stood up straight where they were four to five feet tall."

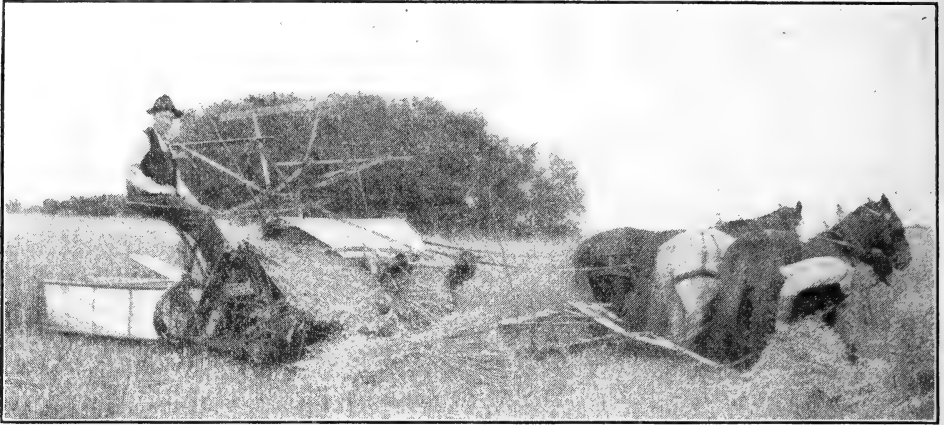
E. G. Peek, Columbia County: "A very handsome oat. The oats stood up well until cut. They were about four feet in height."

Wm. Sorweid, Ozaukee County: "I think the Pedigree Oats are the best oats I have ever raised."

Mr. O. C. Aarness, Monroe County: "The best oat I ever got hold of."

Carroll H. Smith, Walworth County: "They are all right. They yielded well and gave good satisfaction all around."





Harvesting Regenerated Swedish Select Oats in Saskatchewan. A Yield of 100 to 110 Bushels Per Acre Is Common.

REGENERATED SWEDISH SELECT OATS.

Regenerated Swedish Select Oats originated with the Garton Seed Company of England. To "regenerate" is to make new, to re-create, and that is just what has been done by the Garton people. They chose Swedish as the "Best American Oat," and went to work to restore it to its original purity and vitality. They have done more than that. They have given us something ahead of the original Swedish Select. They have produced the finest oats ever seen in this country, heavy and plump, weighing over 50 pounds per bushel, perfectly pure and all just alike. We handled this English stock two years and know just how fine it is.

Now we have a stock of Regenerated Swedish Select to offer our customers that we believe is ahead of the English grown stock, because better adapted to American conditions.

This stock was grown in Saskatchewan, Canada, from Garton seed imported from England three years ago. Our grower, a scientific farm seed expert, who was formerly connected with the Garton Company, says: "These oats were carefully grown on new, clean land from specially bred seed. They were minutely inspected in the standing crop and to avoid any chance of their becoming contaminated with wild oats, the separator threshed for no one else and all grain fed on the farm is grown there. I have never yet seen a wild oat amongst them and I can generally 'spot' these."

This stock, grown away in the northwest is full of life and vigor and very fine. The oats are heavy, plump and bright, almost as fine looking as the original English stock. While most oats grown in this country last season were more or less colored by rains these oats are as bright as any we ever handled. They are much more reasonable in price than the English oats as well as being better adapted to sowing in the states. Canadian seed yields much better here even the first year than home grown seed. This is not true of English seed as that usually has to be acclimated.

The stock we offer is pure and clean, entirely free from any weed seed and free from any other grain. They can be sown with confidence and they will bring results. You can just as well increase your oat yield 25 to 100 per cent by using this seed. The three-kernel feature, a very common thing with Regenerated Swedish Select, is one reason for the big yields.

We hope our customers will order liberally of these fine oats. If Swedish Select do well on your land then here is the seed for you. If your land is too rich for Swedish Select order Wisconsin Pedigree No. 1. This is the year to buy new oats when the price is low.

In addition to our Canadian stock we have some Wisconsin grown Regenerated Swedish Select from Canadian seed last year.

PRICES REGENERATED SWEDISH SELECT OATS.

Canadian Grown: $\frac{1}{2}$ pk., 35c; pk., 50c; bu., \$1.50; 3 to 12 bus. at \$1.35; 12 bus. or over at \$1.25.

Wisconsin Grown: $\frac{1}{2}$ pk., 25c; pk., 35c; bu., \$1.10; 2 $\frac{1}{2}$ to 10 bus. at 95c; 10 bus. or over at 85c.

REGENERATED BANNER.

The Garton people have applied their special regenerating process to the American Banner Oat as well as to the Swedish Select, and we have Canadian grown seed of this famous variety to offer, grown by the same man who furnishes us the Regenerated Swedish Select. Up in Canada the two varieties are close rivals and on the Government trial farms Regenerated Banner usually heads the list.

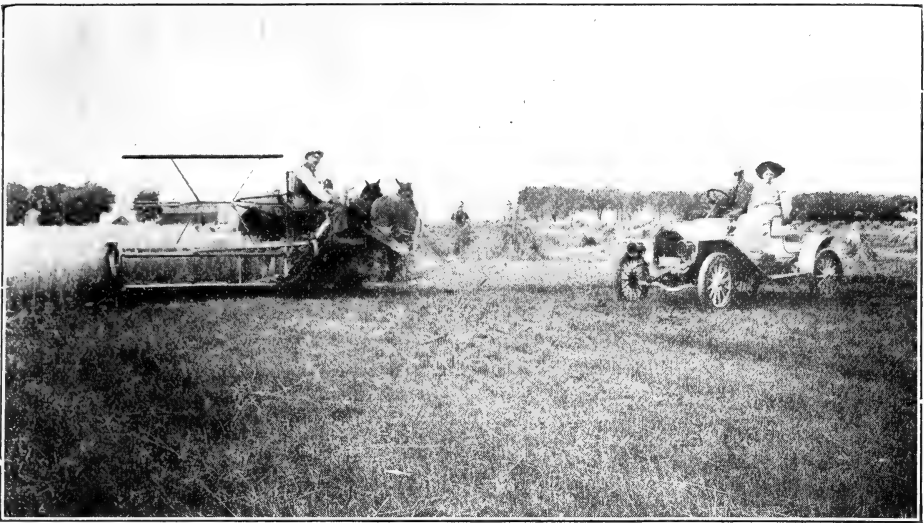
This variety is a little later than Regenerated Swedish Select and not quite so coarse in straw. Otherwise it is quite similar. It is a remarkable yielder of good, big, plump, thin hulled grain and our stock is just as bright and fine as the Regenerated Swedish stock.

Prices: $\frac{1}{2}$ pk., 35c; pk., 50c; bu., \$1.50; 3 to 12 bus. at \$1.35; 12 bus. or over at \$1.25.

Note—Our Canadian Oats are put up 3 bushels in a sack. Other oats generally 2 $\frac{1}{2}$ bus.



Three kernels in a pod, a common thing in the Regenerated Swedish Select. This is what breeding will do. It makes the yield.



55 Acre Field of White Plume Oats on Farm of Willard Swain. Yield 70 Bushels Per Acre.

WHITE PLUME OATS.

A new variety that we offered for the first time two years ago. They are a pure white, thick, plump oat, clean, bright and heavy, with thin hull and thick meat. They grow a coarse, stiff straw that stands up well on rich prairie soil bearing a large, bushy head. On Mr. Swain's farm they grew taller than the Swedish Select, yielded more and weighed more to the bushel.

Mr. G. A. Batz of Dane County grew 800 bushels machine measure the past season from 8 acres, nearly 900 bushels by weight. Mr. E. C. Drunasky, another of our growers, threshed 1,000 bushels White Plume from 14 acres. He says "They require rich ground to do the best and will stand up." Silver Mine right beside them went down."

Prices: 1/2 pk., 25c; pk., 35c; bu., \$1.10; 2 1/2 to 10 bus. at 95c; 10 bus. or over at 85c.

GOLD MINE OATS.

Here is a variety of oats that after another year's trial we feel like pushing hard and recommending very highly. Our attention was first called to it two years ago by one of our growers near Madison who said it outyielded Big Four, Silver Mine, Swedish Select and every other variety of white oats. He said it always did well and he had had it for several years.

We regard Gold Mine as a sort of an ironclad. It makes a big strong growth, 4 feet high or more, with splendid stiff straw and large bushy heads. The grain is heavy, plump and of large size. The hull is very thin and oats very attractive, of a shiny golden yellow color. The color may be objectionable in some sections but where yellow oats can be used these will be found wonderfully satisfactory. They always yield well and for feeding they are of course just as good as white oats.

Prices: Pk., 35c; bu., \$1.05; 2 1/2 to 10 bus. at 90c; 10 bus. or over at 80c.

BLACK ANTHONY OATS.

We have been on the lookout for a long time for a black oat that would do well in Wisconsin. Now we have it. Black Anthony is a tall, strong-growing variety with stiff straw and heavy branching head. The grain is of large size, handsome in appearance and heavy in weight.

One of our growers, Mr. Geo. Chamberlain of Dane County, grew 105 bushels of Black Anthony on one acre from two bushels of seed. They went far ahead of everything else in the neighborhood. The Black Anthony that we have to offer this year are the brightest, shiniest, finest looking black oats we ever saw grown in Wisconsin. They are beauties. Get some of them if you want black oats.

Prices: 1/2 pk., 25c; pk., 35c; bu., \$1.05; 2 1/2 to 10 bus. at 90c; 10 bus. or over at 80c.

SWEDISH SELECT OATS (WIS. NO. 4.)

"Best American Oat."—U. S. Dept. of Agriculture.

This is the tenth year we have offered Swedish Select Oats, and in the nine years we have handled them we have sold 100,000 bushels. We were the first seedsmen to catalogue them. They seem to be just what is wanted in a first class oat—pure white in color, very plump, short and thick, with thin hull, medium early in season, very strong and vigorous in growth, unusually heavy in weight and the best of yielders.

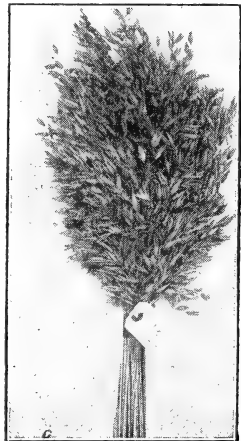
Prices: Pk., 35c; bu., \$1.05; 2 1/2 bus. at 90c; 10 bus. or over at 80c.

OLDS' RE-BRED SIXTY DAY OATS.

Extremely early and very valuable for rich soils. A new and greatly improved strain of Sixty Day or New Kherson Oats. These have been "Re-bred" from the original stock of Sixty Day imported from Russia by the U. S. Dept. of Agri. in 1901. By a careful system of breeding through a term of six years the yield has been greatly increased, the straw lengthened and stiffened and all tendency to rust, smut and blight eliminated. These oats yielded 85 bushels per acre, while the original Sixty Day under the same conditions yielded only 61 bushels, an increase of 40 per cent in favor of the Re-Bred Oats.

Prices: 1/2 pk., 25c; pk., 35c; bu., \$1.10; 2 1/2 to 10 bus. at 95c; 10 bus. or over at 85c.

(One pound any variety except Wisconsin Pedigree, by mail, 25c; by freight, 15c. Samples free.)



New Kherson Oats.





Wisconsin Pedigree No. 5 Grown Near Madison. This Field Averaged 50 Bushels Per Acre Right Through, Three Acres of it Going 65 Bushels Per Acre.

WISCONSIN PEDIGREE BARLEY.

The World's Champion Barley Four Years in Succession.

Wisconsin is a great barley state and Wisconsin barley leads the world. Eighteen years ago, in 1895, Manshury barley was first sent out by the Wisconsin Ex. Station. This variety nearly doubled the yield of common barley and was worth millions of dollars to the farmers of Wisconsin alone. Later came Mandschueri, an improved Manshury, and then in 1907, Oderbrucker was first offered, and this was ahead of anything else up to that time. Now we have Wisconsin Pedigree, the greatest of all six-rowed barley, which we had the honor of introducing so far as the seed trade is concerned, offering it for the first time two years ago. To Prof. R. A. Moore, Agronomist at the Wis. College of Agriculture, belongs pretty nearly all the credit for giving this barley to the world, for it was through 12 years of painstaking breeding work that he was able to produce this wonderful barley.

Frank Parker Stockbridge, in an article in World's Work, Dec., 1912, entitled "The Barley That Encompassed the Earth," tells the story of Prof. Moore and how he bred and developed this almost perfect barley. He says: "It was the first barley that the malsters had ever been able to depend upon to germinate uniformly without loss. It was the first barley that farmers had been able to plant with the certainty of a full crop running upwards of 36 bushels to the acre and all ripening at the same time so that there was no loss in harvesting. And, incidentally, it was the first barley that the millers could use for 'pearling' without any of the grains turning blue."

The following are reasons why "Wisconsin Pedigree Barley" is of such great value:

- First:—It outyields all others. The average yield in Wisconsin for 5 years has been 36½ bushels per acre. Average of all other barley 30 bushels.
- Second:—Plumpness of grain. All who have grown it notice the unusually plump kernels.
- Third:—Stiffness of Straw: Stands up better than Oderbrucker or Mandschueri.
- Fourth:—Vigor of Growth. Taller than any other barley. We measured stalks five feet high.
- Fifth:—Uniformity. All the kernels are alike, an important matter with barley.
- Sixth:—Perfect Development. Heads are more completely filled out than with any other variety.
- Seventh:—Light Color. It is brighter and whiter than other barley making it more attractive.
- Eighth:—Large Heads. Many speak of the unusually long, large heads.
- Ninth:—All-Around Excellence. As near perfection as perhaps it is possible to get barley.

Pedigree No. 5. Most of the stock that we offer is Pedigree No. 5 of Oderbrucker origin. We bought our original seed stock of Mr. H. E. Krueger who had this barley from Prof. Moore two years ahead of other members of the Association. Mr. Krueger says of it:

"I have grown the Wisconsin Pedigree Barley No. 5 the past four years. It is the best barley I have ever grown, all points considered. It has yielded 65 bushels per acre on our farm. It has the stiffest straw, plumpest berry, stands up best and yields the most per acre of any barley I have ever seen." Mr. Krueger has made himself as well as the state of Wisconsin famous through the prizes he has won. Just recently at the New York Land Show he was awarded the \$1,000 prize for the Best Barley in the World.

The complete list of prizes won by Mr. Krueger on Wisconsin Pedigree No. 5, is as follows:

- Sweepstakes, Open to the World, 1908 International Corn Exposition.
- Sweepstakes, Open to the World, 1909 International Corn Exposition.
- First, Wisconsin Class, 1911 International Corn Exposition.
- Sweepstakes, Northern Zone, 1911 International Corn Exposition.
- National Sweepstakes, 1911 International Corn Exposition.
- World's Champion Sweepstakes, 1911 International Corn Exposition.
- First, Wisconsin Mating Barley, 1911 International Barley Exposition.
- First for Best Barley Grown in Wisconsin, 1911 International Barley Exposition.
- First, Six-Rowed Barley Grown in the West, 1911 International Barley Exposition.
- First American Prize, Six-Rowed Barley, 1911 International Barley Exposition.
- First, Wisconsin State Fair, 1908, 1909, 1910 and 1911.

PRICES OF WISCONSIN PEDIGREE BARLEY FOR 1913.

By mail: Lb., 30c. By freight or express: Lb., 20c; ½ pk., 30c; pk., 50c; bu., \$1.50; 2 to 10 bus. at \$1.35; 10 bus. or over at \$1.25.

WHITE HULLESS BARLEY.

No Beards or Hulls. Great for Feed.

White Hulless is different from any other barley. The grain looks like wheat. It is almost as heavy as wheat, equal to wheat in feeding value, and will yield nearly twice as much. It succeeds in all barley-growing regions, and also in sections where common barley is not grown at all. It is very early, thus making a splendid nurse crop for seeding with clover; is entirely beardless, with soft straw, splendid for feed. Many farmers cut it for a hay crop. It yields as high as 60 bushels per acre, and for feeding value is not surpassed by any other grain. Sow in spring, 1½ bushels per acre, and treat just as you would any other barley. Specially fine for poultry and for grinding for hogs.

For several years we have been having White Hulless Barley grown in Montana. Our customers who have had some of this seed know how fine it is. Plump, fat kernels of a beautiful bright color, it looks like the finest grade of wheat, only the kernels are larger.

Prices (Genuine Montana Grown): ½ pk., 30c; pk., 50c; bu. (48 lbs.), \$1.75; 2 to 10 bus. at \$1.60; 10 bus. or over at \$1.50.

(Prices include seamless cotton grain bags.)

MONTANA TWO ROWED BARLEY.

We have a limited stock of very fine Two-Rowed Barley to offer this year. This barley was grown in Montana and is beautiful grain—plump, heavy, very large, fat kernels.

In many sections two-rowed barley does better than six-rowed. It is the favorite barley with German and Austrian farmers and it has also been highly recommended for this country by the U. S. Dept. of Agriculture. It is noted for its earliness and meeliness of grain, as well as its plumpness of kernel and heavy yielding capacity. Great for exhibition purposes. It was Two-Rowed Barley that Mr. Krueger won the \$1,000 prize at the New York Land Show just recently held.

Prices: ½ pk., 30c; pk., 50c, bu., \$1.65; 2 to 10 bus. at \$1.50; 10 bus. or over at \$1.40.

**ODERBRUCKER BARLEY (WIS. NO. 55.)**

Oderbrucker Barley was first offered to the public six years ago. It is the best six-rowed barley in cultivation with the exception of Wisconsin Pedigree. To Prof. R. A. Moore belongs the credit of having developed it and brought it to the attention of leading agriculturists. Prof. Moore says its feeding value should be especially emphasized as it has a protein content of 15 per cent, or nearly double the amount of protein found in other varieties. It is a stiff strawed, heavy-yielding, six-rowed, bearded variety.

Prices: ½ pk., 25c; pk., 40c; bu., \$1.35; 2 to 10 bus. at \$1.20; 10 bus. or over at \$1.10.

Note—If you want to raise barley for a barley crop Wisconsin Pedigree is the variety you should sow. It is the climax of all barley breeding and there is nothing that compares with it. See what we say about it on the preceding page. This is the year to secure seed as prices are low. We are headquarters for pure genuine Pedigree.

JAPANESE BUCKWHEAT.

A popular early variety of buckwheat. It grows a large, heavy straw, with many branches, and succeeds well in the extreme north. About a week earlier than Silver Hull. The grain is very large, of dark brown color. Sow from June 10 to July 10, one bushel per acre.

Prices: ½ pk., 30c; pk., 50c; bu. (50 lbs.), \$1.50; 2 to 10 bus. at \$1.30; 10 bus. or over at \$1.20.

SILVER HULL BUCKWHEAT.

The best variety in our estimation. It has a rather small grain, light gray in color, nearly round in shape. Our farmers here in this section are sowing Silver Hull quite generally now in preference to Japanese, as it not only sells better, but they claim it yields more. We have a large stock of fancy Wisconsin seed.

Prices, same as for Japanese.

Note.—Ask for free samples of any varieties of grain that you think of purchasing. See what we say about samples and about tested seeds on page 2.





Assemblyman H. E. Krueger and His
World's Champion Wheat.

BLUE RIBBON SPRING WHEAT.



The Prize Milling Wheat of the World.

Krueger's Blue Ribbon is a new spring wheat that we introduced two years ago. Mr. Krueger gives the history of this wonderful new prize wheat as follows:

"In 1904 I selected one head of bearded wheat from a field of common beardless wheat. This particular head had a short stiff straw and was ripe much before the rest of the field in which it grew. All wheat in this vicinity rusted that year but the straw of this was bright and smooth. The head contained 42 kernels and 20 of the largest were planted the next spring. These 20 kernels produced about one pint after the small heads had been discarded; this was sown on one square rod of good ground in 1906. After the poorest had been pulled out it was cut and threshed by hand and 6 quarts of seed was the crop."

From the 6 quarts mentioned Mr. Krueger had produced enough wheat two years later so that he was able to exhibit it at the International Corn Exposition and the next year won the great milling contest.

Blue Ribbon is a bearded wheat with plump berry and a very short stiff straw. It is an early variety maturing about 10 days earlier than most wheat. It has never been affected with rust or blight and no smut has ever been seen in it. It is also a very great yielder. Mr. Krueger reports his average yield in 1910 as 38 bushels per acre.

Most important of all its record stands as the most valuable wheat for flour in the whole world as it won first place in the milling contest at the International Exposition of 1909. This was in competition with all the great spring wheat country of the Northwest.

Prices—By Mail: Lb., 30c. By freight: Lb., 20c; 1/2 pk., 50c; pk., 75c; bu., \$2.25; 2 to 10 bus. at \$2.00; 10 bus. or over at \$1.85.



WORLD'S CHAMPION WINTER WHEAT.



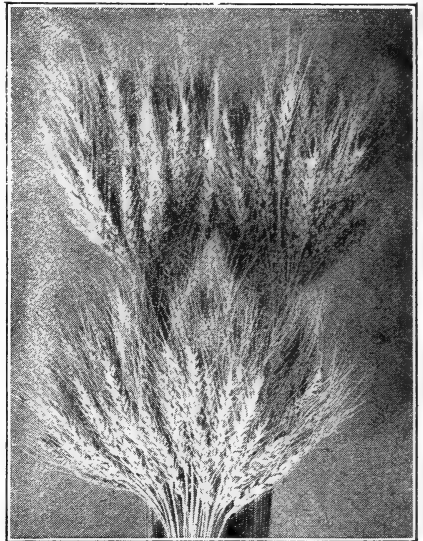
Highest Priced Wheat in the World.

Original Stock Sold at \$832.00 per Bushel.

This is the wheat that won the "World's Championship" at the International Exposition at Omaha in 1909 in competition with the whole world including the famous northwest wheat country. Mr. H. E. Krueger of Wisconsin originated the wheat and after securing the highest award on his half-peck at the Omaha show bought it back at auction paying \$104.00 or at the rate of \$832.00 per bushel, the highest price ever paid for wheat.

Description.—Krueger's World's Champion is a red bearded wheat, a deeper red than Turkey Red and harder. In fact it is remarkably hard for a winter wheat, making it very valuable for milling. It is also a very heavy wheat. Mr. Krueger's 1909 crop as shown at Omaha weighed 64 pounds to the bushel and his 1910 crop was still heavier weighing 66 pounds. Mr. Krueger worked six years on his wheat, selecting and re-selecting before exhibiting it. The result of his labor has been this most perfect of all strains of winter wheat and a variety adapted to every section of the country where winter wheat is grown.

Prices—By mail: Lb., 30c. By freight or express: Lb., 20c; 1/2 pk., 50c; pk., 75c; bu. (60 lbs.), \$2.25; 2 to 10 bus. at \$2.00; 10 bus. or over at \$1.75.



Krueger's Blue Ribbon Wheat.

SPELTZ OR EMMER.

THE GREAT RUSSIAN GRAIN.

The illustration at the left is a photograph of a sheaf of speltz taken right from the field of one of our growers. The head of wheat used in most catalogues for a speltz head is not like speltz at all and is a gross misrepresentation.

Every farmer ought to sow some speltz. It makes a splendid feed and lots of it. With our growers it averages over one-third more bushels per acre than barley. Note the following points:

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 oats and barley lodge. The straw is about as stiff as rye straw.

Fifth. It makes a well-balanced feed 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. Prof. Wilson, of the S. D. Ex. Station, in a careful experiment with feeding calves, found speltz worth 40 per cent more than corn, pound for pound.

Prices: 1/2 pk., 25c; pk., 40c; bu. (40 lbs.), \$1.25; 2 to 10 bus. at \$1.10; 10 bus. or over at \$1.00.



Field of Minn. No. 169 Wheat on the Minn. Ex. Sta. Farm, Yielding 39 Bus. per Acre.

Minnesota No. 169 Spring Wheat.

Minnesota No. 169 Wheat was first sent out by the Minnesota Experiment Station in 1902, ten years after being started from a single seed of Blue Stem. It is therefore an Improved Blue Stem. For a term of 8 years on the Minnesota Station Farm it averaged 18 per cent more in yield than its parent. In quality and milling value it is fully equal to the famous Blue Stem.

Our stock is from a 40,000 acre farm in North Dakota. Our growers say of it:

"We have taken great pains with this strain of wheat, having raised it ourselves for a number of years from seed obtained originally from the Minnesota Experiment Station direct. In cleaning it we have blown out the lighter kernels each year, sometimes rejecting as much as one-third the whole quantity and have thereby improved the strain. We have also taken the choicest wheat and planted it in small pieces, working up from that and getting our seed gradually on a better level, and I think we have the best strain of this variety of wheat in the market today, at least of any large quantity."

Prices: $\frac{1}{2}$ pk., 30c; pk., 50c; bu., \$1.75; 2 to 10 bus. at \$1.60; 10 bus. or over at \$1.50.

MARQUIS WHEAT.

The \$1,000 Prize Wheat. Yield Record, 81 $\frac{1}{3}$ Bushels per Acre.

This is the wheat that was awarded the World's Championship Prize of \$1,000 at the New York Land Show last year. Canadian farmers of the Northwest are all wild about it because of its earliness and big yields.

Marquis wheat was originated by Dr. Saunders of the Ottawa Ex. Farm by breeding together Red Fife and a very early Indian wheat, Red Calcutta. It is practically bald like the Fife and grows much the same. Grains are shorter and wider and of a deeper amber color.

Dr. Saunders says of this wheat:

"I introduced this wheat into Saskatchewan in 1907, and as a rule it has given a considerably higher yield than any other variety. The highest recorded yield on a one-fortieth acre plot was at the rate of 81 $\frac{1}{4}$ bushels. Under field conditions our highest record is over 53 bushels per acre. Marquis is an excellent hard wheat with somewhat shorter and stronger straw than most varieties and ripening about a week earlier than Red Fife."

We are glad to be able to offer this wonderful new wheat to our customers and we hope a lot of them will try it. Our stock is Canadian grown from a reliable source and is very fine.

Prices: By mail: 2 oz. pkg. 10c; lb., 35c. By freight: Lb., 25c; $\frac{1}{2}$ pk., 65c; pk., \$1.00; bu., \$3.50; 2 to 10 bus. at \$3.00; 10 bus. or over at \$2.75.

DURUM WHEAT (MACARONI).

It is only a few years since Macaroni Wheat was first introduced in this country, but it is now a leading variety. The reasons for its popularity are:

First—Its Productiveness. It easily outyields every other variety of spring wheat. Dakota farmers report yields 80 per cent greater than other wheat, some 50 bushels per acre.

Second—Its Hardiness. It resists extremes of weather which no other wheat will endure. Specially adapted to the semi-arid regions. Not subject to smut or rust.

Third—Its Earliness. It matures a crop quicker than any other wheat, and is therefore desirable for the extreme north.

Fourth—Its Handsome Appearance. It grows tall and strong, with compact bearded heads. The grains are of large size, hard and glossy.

Prices: $\frac{1}{2}$ pk., 30c; pk., 50c; bu., \$1.65; 2 to 10 bus. at \$1.50; 10 bus. or over at \$1.40.

SCOTCH FIFE WHEAT.

This is the famous old reliable Red Fife so long raised in the Red River Valley and throughout the northwest. Grades No. 1 hard. Our stock is Montana grown and has a larger, plumper grain than wheat grown further east.

Prices: $\frac{1}{2}$ pk., 30c; pk., 50c; bu., \$1.65; 2 to 10 bus. at \$1.50; 10 bus. or over at \$1.40.

VELVET CHAFF WHEAT.

A variety very similar to Blue Stem, but said to be a larger yielder. Our stock is North Dakota grown, clean, pure and plump.

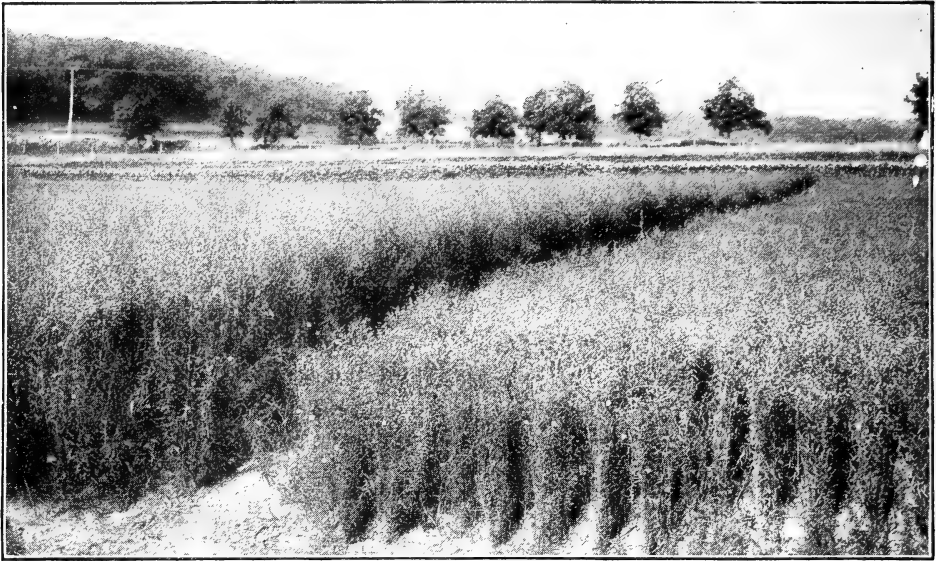
Prices: Same as for Scotch Fife.

IMPROVED TURKEY RED WHEAT.

Turkey Red is a well known variety of winter wheat. We have an improved strain.

Prices: $\frac{1}{2}$ pk., 30c; pk., 50c; bu., \$1.60; 2 to 10 bus. at \$1.45; 10 bus. at \$1.35.

Note. If not ready to order Winter Wheat now do not forget us next fall.



Test Plot of Primost Flax at Minnesota Experiment Station.

PRIMOST FLAX. (MINNESOTA NO. 25.)

This is a new pure-bred variety of flax from the Minn. Ex. Station, very much superior to common flax. As compared with the average of three other commercial varieties, Primost showed an increase in yield of 22 per cent and is pronounced by the Minnesota Station as the "best yielding variety" on their list. Our stock is North Dakota grown, and the best that can be obtained.

Prices: $\frac{1}{2}$ pk., 50c; pk., 90c; bu. (56 lbs.), \$2.75; 2 to 10 bus. at \$2.60; 10 bus. or over at \$2.50. Grain bags free.

NORTH DAKOTA NO. 52 RESISTANT FLAX.

A new variety recently developed at the North Dakota Agricultural College. It is wilt-resistant and rust-resistant. It has successfully endured two of the hardest years ever known in North Dakota and where the test was made out-yielded all other varieties. Prof. Bolley is recommending that all flax growers secure seed of it.

Prices: $\frac{1}{2}$ pk., 65c; pk., \$1.15; bu., \$3.25; 2 to 10 bus. at \$3.10; 10 bus. or over at \$3.00.

MAMMOTH SPRING RYE.

A very valuable spring grain.

Spring Rye is entirely distinct from Winter Rye. It can be sown in the spring a little later even than most other spring grain and a crop harvested the same season. There is more and more demand for the seed each year as farmers are finding out the value of this crop and the convenience of being able to sow rye in the spring. It is usually more productive even than Winter Rye and the grain is of finer quality. Grows a tall strong straw, six feet high or more and produces as high as 30 to 40 bushels per acre.

We have a fine stock of an improved strain of the Mammoth variety to offer this year grown in North Dakota.

Prices: $\frac{1}{2}$ pk., 30c; pk., 50c; bu. (56 lbs.), \$1.65; 2 to 10 bus. at \$1.50; 10 bus. or over at \$1.40. Prices include regular grain bags.

WISCONSIN PEDIGREE NO. 1 RYE.

Awarded World's Championship at the Corn Exposition, 1912.

A new variety of fall rye offered last year for the first time. It is the result of 12 years' careful breeding at the Wisconsin Experiment Station on Petkus and Schlansted as a foundation. The aim has been in this breeding to produce "uniformity of kernel and high yield." Prof. Moore says: "We think we have both in the Wisconsin Pedigreed Rye and we think it is the best variety now in our Country."

Wisconsin Pedigree Rye grows a very strong, stiff straw standing up well even on rich ground. The heads are of unusual length far surpassing any other rye and the kernels are the largest and plumpest ever seen.

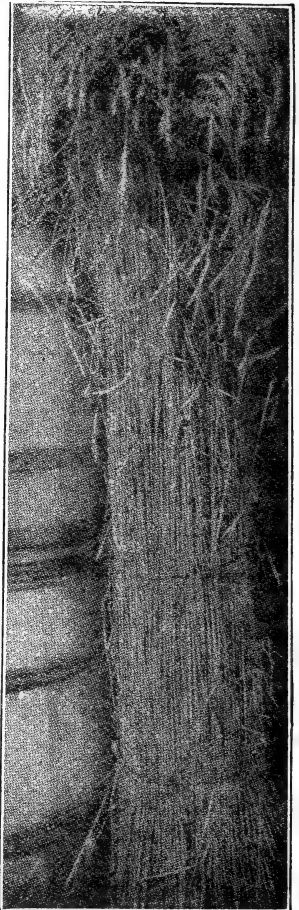
Prices: By mail: Lb., 30c. By freight: Lb., 20c; $\frac{1}{2}$ pk., 40c; pk., 65c; bu. (56 lbs.), \$2.00; 2 to 10 bus. at \$1.75; 10 bus. or over at \$1.60.

NEW PETKUS RYE.

With the exception of the new Wisconsin Pedigree, this is by all odds the best variety of fall rye grown. The heads are longer and the kernels considerably plumper and larger than the common rye.

Prices: $\frac{1}{2}$ pk., 35c; pk., 50c; bu. \$1.50; 2 to 10 bus. at \$1.35; 10 bus. or over at \$1.25.

Note. Remember us next fall if not ready to order winter rye now. We are in a great rye country and have any amount of the best seed. Special prices for large orders.



Mammoth Spring Rye.

DWARF ESSEX RAPE.

Largely sown everywhere from the Atlantic to the Pacific.

It furnishes an immense amount of green feed, and its nutritive value is nearly twice that of clover. It may be sown any time from early spring until September, with grain or alone. 5 to 10 pounds of seed per acre is sufficient, or even less if sown with grain.

A word about the seed. We buy in car lots and handle only the best and purest Dwarf Essex, entirely free from bird rape, mustard or anything of that sort. The Dwarf Essex is the only desirable variety. Some seedsmen give it other names, such as Victoria, English, etc., simply to sell it. It is all imported, as the seed will not grow in this country.

Prices: Lb., 15c; 5 lbs., 50c; 10 lbs., 90c; 25 lbs., \$1.75; 100 lbs., \$6.50; 500 lbs., at \$6.00.

(Add 10c per lb. if to go by mail.)



"A Field of Rape is of Inestimable Value in Maturing Profitable Porkers." Breeders' Gazette.

COW PEAS. Green crops plowed under are one of the best and cheapest ways of improving the soil. For this purpose Cow Peas are most popular, especially for medium or light soil. They should be sown in May or June, at the rate of 1½ bushels to the acre, and plowed under early in the fall, or if sown in rows ½ bushel is sufficient seed.

WHIPPOORWILL. A well-known and standard variety. Best for fertilizer.

Prices: ½ pk., 40c; pk., 75c; bu. (60 lbs.), \$2.75; 2 bus. or over at \$2.60. Prices subject to change.

NEW ERA. Two weeks earlier than Whippoorwill and one-third smaller. In Missouri, can be sown after wheat is harvested and a crop matured in time to sow winter wheat on the same field.

Prices: Same as for Whippoorwill.

FIELD PEAS.

WHITE CANADA. The best known variety and the one usually sown. Special prices in quantity. Sow 1½ to 2 bus. per acre broadcast, with oats. Our stock is Wisconsin grown and very fancy.

Most of the Field Peas offered this year are imported stock and not very desirable for sowing in America. Crop in this country very short.

Prices: ½ pk., 40c; pk., 75c; bu., \$2.75; 2 bus. or over at \$2.65. (Prices subject to change.)

SCOTCH BEAUTY. A blue pea of very fine quality and also a heavy yielder.

Prices: Same as for White Canada.

BLACK BEAUTY OR EBONY SOY BEANS.

Best variety to grow for hay or soiling. Yielded a third more than Ito San at Ill. Ex. Station on a four-year test. Does not shell out in handling as bad as other varieties. Grows 25 to 30 inches tall and matures seed in 115 days.

Seeds are small, jet black and shiny. Our stock is Illinois grown. Plant after the ground becomes warm in rows 30 inches apart, 6 quarts per acre.

Prices—By mail: Pkt., 5c; pt., 20c; qt., 35c. By freight: Qt., 20c; ½ pk., 60c; pk., \$1.00; bu. (60 lbs.), \$3.75.

ITO SAN SOY BEANS.

Earlier than Black Beauty and therefore a better variety to plant in the north if grown only for the dry beans. Grows 18 to 24 inches high and matures in 95 days. Too small for hay or silage.

Prices, same as for Black Beauty.

CHOICE NAVY BEANS.

Prices: Qt., 15c; ½ pk., 50c; pk., 90c; bu., \$3.50. Special prices in quantity. (Add 15 cents per quart to bean prices by mail.)

EARLY AMBER CANE (Sorghum).

Great for feed as well as for making syrup. Every stock farmer in the Northwest should have some. Sow broadcast for fodder.

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

JERUSALEM CORN.

Somewhat like Kafir Corn. Grains pure white and flat.

Prices: Lb., 15c; 5 lbs., 40c; 10 lbs., 60c; 100 lbs., \$4.00.

IMPROVED EVERGREEN BROOM CORN.

The most popular variety. Our seed is Wisconsin grown.

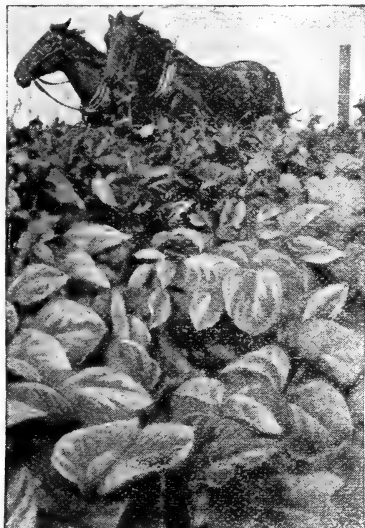
Prices: Lb., 15c; 5 lbs., 30c; 10 lbs., 50c; 100 lbs., \$3.00.

WHITE KAFIR CORN.

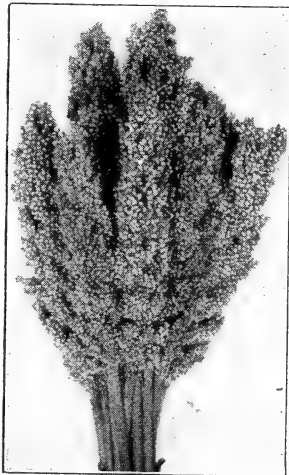
Largely grown in the south, and now coming into favor with northern farmers. It grows 5 or 6 feet high, with a straight, upright growth and numerous broad leaves. It makes the best kind of fodder for cattle or horses, and is easily grown.

Prices: Lb., 10c; 5 lbs., 25c; 10 lbs., 40c; 100 lbs., \$2.00.

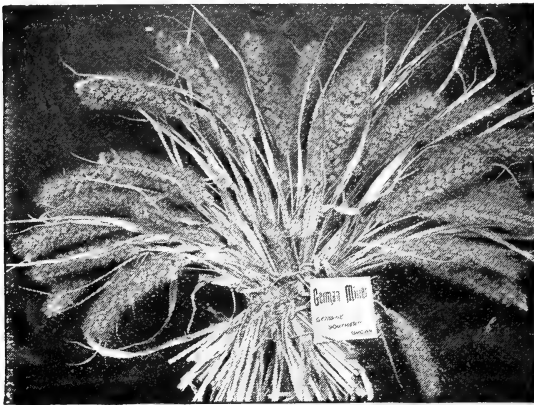
(Add 10c per lb. to prices on this page if to go by mail.)



Cow Peas, Sown June 16, Plowed Under Aug. 31.



Heads of Kafir Corn. Grown at Wis. Ex. Station.



Seed Heads of German Millet.

HOG OR BROOM CORN MILLET. Makes inferior hay unless cut very young, but yields enormous quantities of seed of great value for feed.

Prices, same as for Early Fortune.

JAPANESE MILLET-(Billion Dollar Grass)

Japanese Millet is one of the most remarkable forage plants we have, often growing six feet tall. It is adapted to all sections; makes more hay than German or any other kind of millet.

Sow in May for best results, 15 to 20 pounds per acre. For hay, cut before it heads out.

Prices: Pkt., 50c; bu. (40 lbs.), \$1.50; 100 lbs., \$3.50.

PENCILARIA.

A yield of 95 tons per acre of green fodder is claimed, and 16 tons of good hay. The secret of it is it can be cut four or five times in one season. Sow at corn planting time, 2 pounds per acre in drills 2 to 3 feet apart, or 15 pounds per acre broadcast.

Prices: Pkt., 5c; ¼ lb., 15c; lb., 35c, postpaid. By freight: Lb., 25c; 5 lbs., \$1.00; 25 lbs., \$3.75; 100 lbs., \$12.00.

TEOSINTE.

A gigantic fodder plant somewhat resembling corn. It may be cut green all through the summer for cattle and horses, and also makes splendid fodder. Sow in May, two seeds in a hill.

Prices: Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00; 3 lbs (enough for an acre), \$2.50, postpaid. By freight, 10c per lb. less.



Hairy Vetch.

Prices, by mail: Pkt., 5c; lb., 30c. By freight: Lb., 20c; 5 lbs., 75c; 10 lbs., \$1.25; 100 lbs., \$10.00. Special prices for large orders.

Note—There is a great difference in the quality of vetch seed offered. Nearly all seed contains corn cockle, a noxious weed. Our stock is entirely free from cockle. Ask for sample.

GERMAN MILLET.

Grows larger than Common Millet, and is more productive. We have a splendid stock of clean bright seed. Sow ½ bushel to 3 pecks per acre.

Prices: Pkt., 40c; bu. (50 lbs.), \$1.40; per 100 lbs., \$2.50. (Subject to change. Write for samples and special prices when ready to buy. Prices include bags.) Prices same as Common Millet.

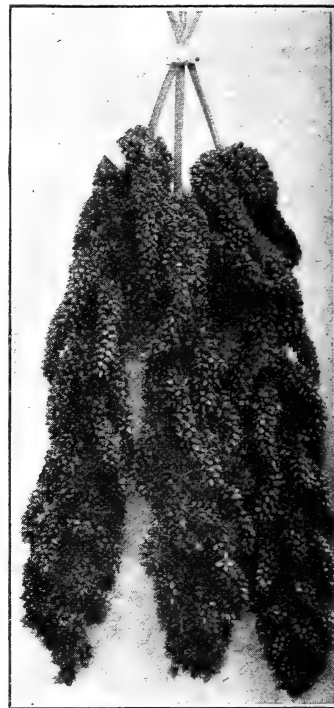
COMMON MILLET. Fancy stock. Pkt., 40c; bu., \$1.25; 100 lbs., \$2.25. (Subject to change. Ask for sample.)

SIBERIAN MILLET. Hardier than German Millet.

HUNGARIAN. Preferred by some to German Millet, as it is about a week earlier. Makes fine hay.

Prices, same as for Common Millet.
EARLY FORTUNE MILLET. A new variety great for the Northwest. Yields immense crops of seed of splendid feed value, but not usually considered desirable for hay. Two weeks earlier than German Millet.

Pk., 50c; bu., \$1.45; 100 lbs., \$2.60.



GIANT SPURRY.

Specially valuable for sandy land. Enriches the soil and makes excellent pasture. Sow in April or May, 10 to 15 lbs. per acre.

Prices—By mail: Pkt., 5c; lb., 25c. By freight: Lb., 15c; 5 lbs., 50c; 10 lbs., 90c; 100 lbs., \$7.00.

MAMMOTH RUSSIAN SUNFLOWER.

A great food for poultry and hogs. We have some unusually fine stock.

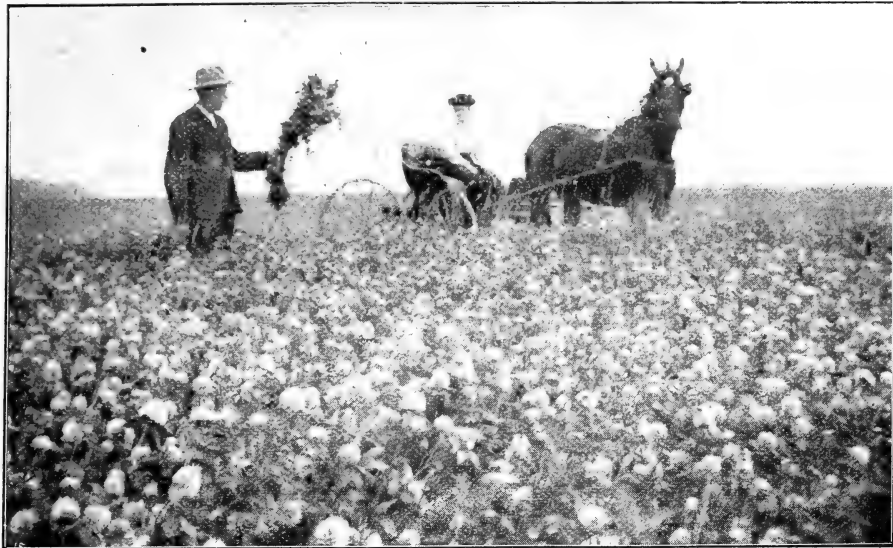
Prices, by mail: Pkt., 5c; Jap. Millet Heads, 6½ inches long. Lb., 25c. By freight: Lb., 15c; 5 lbs., 50c; 10 lbs., 90c.

HAIRY VETCH.—(Vicia Villosa.)

THE GREAT NEW FORAGE PLANT.

A most valuable leguminous plant fast coming into prominence in the north. Brings an immense amount of fertility to the soil, as well as making splendid pasture. Remains green all winter. Sow in either fall or spring, 20 to 30 pounds per acre with a half bushel of rye or oats for support.

The Wis. Ex. Station have been recommending Hairy Vetch to Wisconsin farmers very highly during the last year or so, especially for sowing with rye in the fall. It makes a fine winter pasture and then a great crop of hay the following summer and best of all it enriches the soil. Hairy Vetch is of much greater value than the common or spring vetch (*vicia sativa*), which is only an annual and not hardy enough for the north.



OLDS' CLOVER SEED.



High grade, re-cleaned Clover Seed is one of our specialties. The yield of Clover in Wisconsin the past season was good and at this writing we have the largest stock of seed on hand that we ever had. This seed we have thoroughly re-cleaned taking out the light shrunken seeds and it is all University tested, and free from noxious weeds.

Right here we want to warn our customers against buying clover seed that has not been tested. You don't want to sow buckhorn. It is a noxious weed and is very common in Clover seed. It is in all the foreign seed and in much of the American grown. In fact some sections of Wisconsin have it. It is not safe to buy of your neighbor unless tested. In fact a farmer who sells you seed without having it tested violates the law if he lives in Wisconsin and is liable to fine.

Prices of Clover Seed can never be fixed definitely to last throughout the season. The prices named below are those in effect Jan. 1, 1913, and are subject to market changes. Write for prices and samples before buying, or if desired we will fill the order to the best of our ability, sending as much seed as the money will pay for at our ruling price at the time the order is received. Our Old Gold Brand represents the best Wisconsin seed, and small orders are always filled with this grade.

MEDIUM OR RED CLOVER.

This is the standard common red clover, and the best for hay.

Prices—**OLD GOLD BRAND**, by mail: Lb., 35c; 3 lbs., 90c. By freight, present price: Pk., \$3.25; per bu. (60 lbs.), \$12.50. Bags extra, 20c each. Prices subject to change.

(We have cheaper grades of clover seed just as pure as the Old Gold, but containing shrunken seed. There is a wide variation in seed this year. Prices and samples on application.)

MAMMOTH CLOVER.

Resembles Medium, but larger and coarser. Best for pasture and as a fertilizer.

Prices, **OLD GOLD BRAND**, same as for Old Gold Medium. Other grades at lower prices.

ALSIKE CLOVER.

Finer and more leafy than Red Clover, but grows to a good height and makes a heavy yield of hay. Also fine for pasture. Alsike is the only clover that will not kill out on wet land.

Prices—**Old Gold Brand**, by mail: Lb., 40c; 3 lbs., \$1.00. By freight, present price: *Pk., \$3.65; per bu. (60 lbs.), \$14.00. Bags extra at 20c. Prices subject to change. Other grades lower.

OLDS' CLOVER MIXTURE.

A mixture of Medium, Mammoth and Alsike Clovers in the best proportion for a permanent stand. We recommend this for sowing with our Permanent Grass Mixtures.

Prices—By freight: Lb., 30c; pk., \$3.40; bu. (60 lbs.), \$13.00. Subject to change.

WHITE DUTCH CLOVER. Desirable for pasture mixtures. Also fine for lawns. The White Clover crop was again short the past season and prices are very high.

Prices—**Old Gold Brand**, by mail: Lb., 60c; 3 lbs., \$1.75. By freight: Lb., 50c; 5 lbs., \$2.25; pk., \$5.75; bu. (60 lbs.), \$22.50. Subject to change.

CRIMSON CLOVER. Also called Giant Incarnat. An annual clover largely used in the east and south. Sow in April or May, 15 lbs. per acre, or it may be sown in the north in July.

Prices—By mail: Lb., 35c; 3 lbs., 90c. By freight: Lb., 25c; 10 lbs., \$1.50; 100 lbs., \$9.00.

SAINFOIN or ESPARCETTE. The clover for sandy soils. It is a deep-rooting perennial of special value for light sandy or limestone soils. It produces large yields of the best hay, excellent for milch cows, as well as furnishing superior pasture. Sow 30 pounds per acre with oats or barley as a nurse crop.

Prices—By mail: Pkt., 5c; lb., 25c. By freight: Lb., 15c; 10 lbs., \$1.35; 100 lbs., \$11.00.

SERADELLA. An annual adapted to poor and sandy soils. Equal to red clover in nutritive qualities and yields larger crops. Sow in spring 15 to 20 lbs. per acre with grain for a nurse crop.

Prices—By mail: Pkt., 5c; lb., 25c. By freight: Lb., 15c; 10 lbs., \$1.15; 100 lbs., \$9.50.



Sainfoin.



On Farm of Swartz Bros., Waukesha, Wis., Who Put up 535 Tons Alfalfa Hay from 107 Acres Last Season. Value \$20.00 per Ton or \$10,700. Swartz Bros. use Montana Seed.

(Note—The inscription in connection with the illustration on the inside of the front cover should read \$20.00 per ton instead of \$20.00 per acre.)

OLDS' ALFALFA. FANCY MONTANA SEED.



Alfalfa is the most valuable new plant today for the farmers of Wisconsin and other north-western states. Our Fancy Montana seed is the very best that can be secured for the north. An alfalfa field when once established will last many years without reseeding and can be cut 3 or 4 times each season. It produces annually 5 tons and more per acre of the best hay. It furnishes 3 times as much protein per acre as clover and 9 times as much as timothy. Alfalfa hay has as much protein as wheat bran and is worth as much pound for pound.

It greatly enriches the soil wherever sown. Its long branching roots penetrate far down into the earth, sometimes to a depth of 20 feet. It thus becomes a great subsoiler, the roots supplying fertilizing matter for succeeding crops.

CULTURE. We have prepared a little booklet "Alfalfa Culture in the North," with contributions from Prof. Moore, Ex. Gov. Hoard, Swartz Bros., and others. This will be sent free on application.

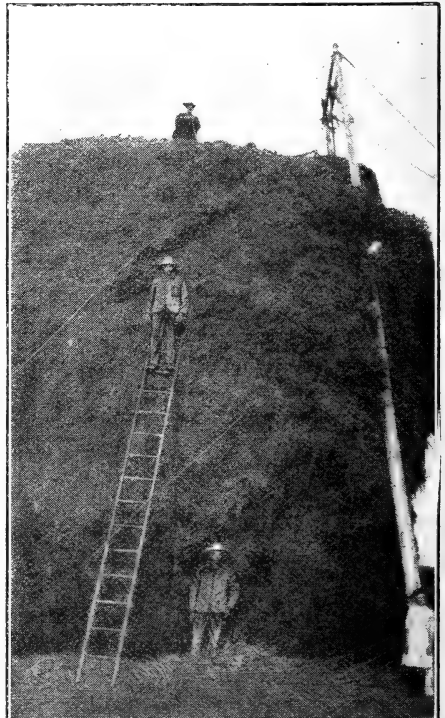
THE SEED. It is of the utmost importance in the north that the right kind of seed be used. Most European seed contains dodder, the worst of all bad weeds. Nebraska, Kansas and Colorado grow large quantities, but this seed is not recommended for the north as it is not hardy enough. Montana seed grown in a northern latitude is the best for Wisconsin and other northern states. Here at the Wisconsin Experiment Station they have been using seed during the last ten years from everywhere including the much advertised Grimm alfalfa and they give the preference to Montana seed. Our seed is all examined by the Wis. College of Agr. and we give their tests.

PRICES OF OLDS' FANCY MONTANA ALFALFA.

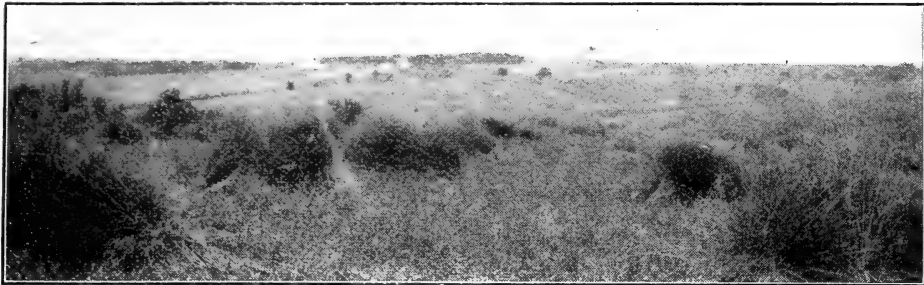
By Mail: Lb., 45c; 3 lbs., \$1.15. By freight: Lb., 35c; pk., \$3.50; per bu. of 60 lbs., present price, subject to chance, \$13.50; 5 bus. or over, special prices. Bags extra at 20c each.

Caution: Common alfalfa seed has been offered in the past by unscrupulous dealers as Montana seed. It will no doubt be done again this season as the Montana crop is very small. There will not be nearly enough to supply the demand. Insist on knowing where the seed grew before buying.

We are fortunate in having at this writing over three carloads of genuine Montana grown seed and it is about the nicest we have ever had—clean, bright and free from bad weeds. This will hardly last us through the season but if we have to offer other seed we will tell where it grew. We will not handle or offer any alfalfa seed, the origin of which is unknown. There ought to be a law covering this matter. It is important.



"Alfalfa Makes a Hay Without a Fault."
—Swartz Bros.



Sweet Clover Field on Farm of Frank Coverdale, Iowa, who has grown Sweet Clover for 13 Years and Who Says it Makes Better Hay and Better Pasture than Iowa Farmers Have Been Accustomed to Using.

SWEET CLOVER (MELILOTUS ALBA).

Sweet Clover has been attracting great attention during the last few years until the seed seems to be almost in as great demand as alfalfa seed. We secured new supplies again and again last year and then did not have enough. A few of the reasons why the sweet clover crop is valuable are:

It grows readily on most all soils and locations.

It has the same sort of bacteria laden nodules as alfalfa and inoculates a farm for that crop. If alfalfa does not do well on your farm try sweet clover first.

Sweet Clover brings land up rapidly to a high state of fertility and fits it not only for alfalfa but for crops of all kinds.

It can be pastured while alfalfa cannot, and stands pasturing better even than red clover.

Cattle and hogs both very soon acquire a taste for sweet clover and relish it and thrive on it.

At the Iowa Ex. Station it outclassed red clover in its ability to carry more hogs and to furnish green pasture for a longer period.

While formerly sweet clover was considered of no value whatever and regarded as a road-side nuisance it is now a well established fact that all kinds of stock learn to eat it just as readily as men learn to eat many things that do not taste just right at first.

It makes a profitable hay crop if cut early before it gets too large while the second crop may be harvested for seed.

Eight to twelve bushels of seed can easily be hulled from an acre and the seed is in demand at high prices.

Prof. Evvard of the Iowa Station says, "In my experience and observations, sweet clover has proved itself to be an exceptional forage crop for certain soil conditions, and I know from experience that stock will eat it."

Sow 15 to 30 pounds of seed per acre either spring or fall but preferably in spring. The white blossomed variety is the most valuable and hulled seed is preferable to unhulled as it germinates more readily. The white blossomed sort is a biennial while the yellow blossom is an annual. Ask for free booklet, "Sweet Clover Culture."

Prices: Hulled Seed, White Blossom. By mail: Lb., 50c. Freight: Lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.75; 100 lbs., \$22.50 Bags included.

Unhulled Seed, White Blossom. By freight: Lb., 25c; 10 lbs., \$1.75; 100 lbs., \$14.00.

Yellow Blossom Hulled Seed. By freight: Lb., 25c; 10 lbs., \$1.75; 100 lbs., \$13.50.

(Sweet Clover prices are subject to change.)

Isaac W. Chappellear, Athens Co., Ohio: "They can talk and write all they please but they will have to show me, when they have any finer alfalfa seed than this you sent me. My last year's sowing is growing fine. Every thing on the place stays up nights for the feed of alfalfa in the morning."



Another Alfalfa View on Swartz Bros.' Farm, Waukesha, Wis. Swartz Bros. say: "We want to see Alfalfa grown on every American farm and fed to all farm animals."

OLDS' HIGH GRADE 'TIMOTHY.



TIMOTHY SEED is one of our specialties. We are buying and cleaning all the time the best Wisconsin grown seed and we are in position to furnish pure clean seed at the lowest possible prices.

This is the year to sow timothy seed and sow it freely. The crop was large, especially here in Wisconsin, and seed is cheap. Use it liberally. At the date of this writing we have a very large, fine stock on hand of the best re-cleaned seed and our price is just one-third the price of a year ago.

Prices are subject to market change but give us a chance to quote you and submit samples when ready to buy. Remember, our seed is the purest obtainable with the strongest vitality. It is all University tested.

Prices—Old Gold Brand—By mail: Lb., 25c; 3 lbs., 60c. By freight: Lb., 15c; 5 lbs., 50c; pk., 75c; per bu. (45 lbs.), present price, \$2.50. Bags extra at 20c. Other grades lower.

(Prices of all the following include sacks and will stand as long as our stocks last. Ask for samples and special prices on large quantities. This is a grass seed year and most everything gave a full crop. Prices are low. Buy liberally.)

ORCHARD GRASS. One of the most desirable grasses; withstands drouth, will grow in the shade, and does well on poor land. Sow 3 bus. per acre.

By mail: Lb., 35c. By freight: Lb., 25c; bu. (14 lbs.), \$2.15; 100 lbs., \$13.50.

KENTUCKY BLUE GRASS (Fancy). Also known as June Grass. Well suited for pasture, and the standard lawn grass. Seed very plentiful this year. Use it freely.

By mail: Lb., 30c; 3 lbs., 75c. By freight: Lb., 20c; 5 lbs., 85c; bu. (14 lbs.), \$2.00; 100 lbs., \$12.00.

CANADIAN BLUE GRASS. Desirable for pasture mixtures and field sowing but not suitable for lawns because too rank and coarse. The seed looks like Kentucky Blue Grass seed.

By freight: Lb., 20c; bu. (14 lbs.), \$1.50; 100 lbs., \$9.50.

ENGLISH or PERENNIAL RYE GRASS. The Timothy of England. Does well also in this country. Good for both pastures and meadows but rather coarse for lawns; succeeds well in the shade.

Lb., 15c; 10 lbs., \$1.00; 100 lbs., \$7.50.

(Add 10c per pound to all prices if to go by mail.)

ITALIAN RYE GRASS. Similar to the preceding, but larger and stronger in growth.

Lb., 15c; 10 lbs., \$1.00; 100 lbs., \$8.00.

PACEY'S RYE GRASS. Similar to English Rye Grass, but smaller and more dwarf. For that reason desirable in lawn mixtures.

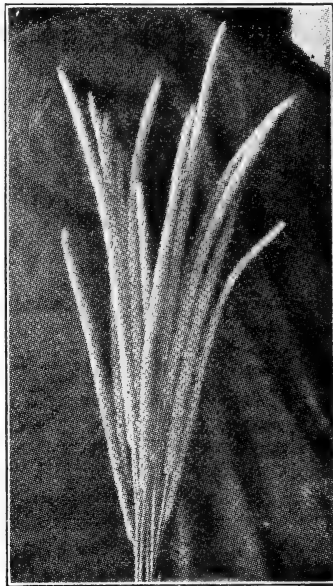
Lb., 20c; 10 lbs., \$1.25; 100 lbs., \$9.00.

MEADOW FESCUE. Also known as English Blue Grass. Excellent for permanent pasture. The crop was very large and fine last season and we have some splendid seed to offer. One-third the usual price.

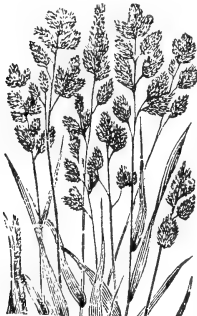
Lb., 20c; 10 lbs., \$1.25; 100 lbs., \$10.00.

TALL MEADOW OAT GRASS. For dry soils.

Lb., 25c; 10 lbs., \$2.00; 100 lbs., \$15.50.



Olds' High Grade Timothy.



ORCHARD GRASS.



RED TOP. The most valuable general purpose grass we have. A good meadow grass, one of the best for pasture and splendid for lawns. Makes a showing quicker than Kentucky Blue Grass. Crop good. Sow liberally.

Fancy Solid Seed (Re-cleaned, free from chaff). By mail: Lb., 30c; 3 lbs., 75c. By freight: Lb., 20c; 5 lbs., 90c; 10 lbs., \$1.50; 100 lbs., \$13.50.

Unhulled Seed. By freight: Lb., 20c; bu. (14 lbs.), \$1.50; 100 lbs., \$9.00.

CREeping BENT. A very distinct bottom grass with long creeping stems. Its creeping root and spreading habit form a lasting turf. Largely used for golf links.

By mail: Lb., 40c; 3 lbs., \$1.00. By freight: Lb., 30c; 10 lbs., \$2.50; 100 lbs., \$21.50.

SHEEP'S FESCUE. Recommended for short herbage. By freight: Lb., 25c; 10 lbs., \$2.00; 100 lbs., \$17.00.

MEADOW FOXTAIL. Valuable for low ground. By freight: Lb., 45c; 10 lbs., \$4.00; 100 lbs., \$35.00.



KENTUCKY BLUE GRASS.




Red Top.



Scene in Tenney Park, Madison. Sown With Olds' Madison Parks Lawn Grass.


MADISON PARKS LAWN GRASS.

 We furnish The Madison Park and Pleasure Drive Association with their lawn grass. They have obtained such fine results from our seed that we have adopted their formula for a new mixture, calling it our **Madison Parks Lawn Grass**. This mixture is made up almost entirely of solid seed and is much heavier and more expensive than either of our others. The Superintendent of the Association tells us that before coming to Madison he was employed for ten years in Washington Park, Chicago. There, he says, they tried everyone's lawn mixture, but finally settled on this as giving the **most even, durable and velvety lawn**. It is now used exclusively in all the Madison Parks. We offer it as the best in high grade lawn mixtures.

Lb., 30c; 3 lbs., 85c; 5 lbs., \$1.35; 10 lbs., \$2.50; 100 lbs., \$22.00. 10c per lb. more by mail.


CULTURE:—Sow Lawn Grass at the rate of one pound for each 300 square feet, or not less than 100 pounds per acre. Early spring is the best time for sowing, although lawn grass may be sown most any time when the ground can be worked. Have the soil thoroughly prepared.

OLDS' UNIVERSITY LAWN GRASS.

 This is a high grade lawn grass offered for the first time in 1909. In making up this mixture the aim has been to use a large assortment of the high priced permanent grasses. Creeping Bent, the famous golf-link grass, is largely used in University Lawn Grass.


We recommend University Lawn Grass as a complete grass for a permanent lawn.
Lb., 25c; 3 lbs., 70c; 5 lbs., \$1.10; 10 lbs., \$2.00; 100 lbs., \$18.00. (10c per lb. more by mail.)

OLDS' OLD GOLD LAWN GRASS.

 We have been making and selling Old Gold Lawn Grass for years and it has given general satisfaction to our customers. This mixture will probably make a better showing the first year than either of the above, although all right too for a permanent lasting growth. There is no timothy in any of our lawn mixtures, and no Canadian Blue Grass.


Lb., 20c; 3 lbs., 55c; 5 lbs., 90c; 10 lbs., \$1.65; 100 lbs., \$15.00. 10c per lb. more by mail.

OLDS' PASTURE MIXTURE.

 Some grasses are at their best at one season of the year, and some at others, hence the advantage of a mixture. **Olds' Pasture Mixture** is made up of the best grades of Orchard Grass, Red Top, Timothy, Meadow Fescue, Canadian Blue Grass, Rye Grass, Sheep's Fescue and others, mixed in proper proportions for the best results. Sow 20 to 25 pounds per acre.

Prices—By freight: Lb., 25c; 10 lbs., \$1.50; 25 lbs., \$3.50; 100 lbs., \$13.50, sacks included. (Add 10c per pound if to go by mail.)

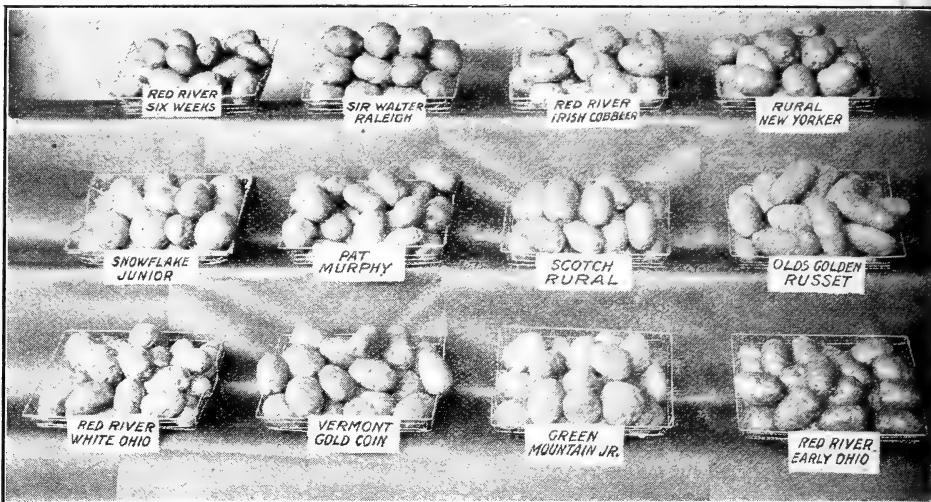
OLDS' MEADOW MIXTURE.

 This mixture is designed to furnish the best seed for a permanent stand of grass to be cut for hay. It consists of the same grasses used in our Pasture Mixture, in slightly different proportions, the Canadian Blue Grass and Sheep's Fescue being left out.

Prices—By freight: Lb., 25c; 10 lbs., \$1.40; 25 lbs., \$3.25; 100 lbs., \$12.50, sacks included.



Remember—We handle only the best grades of grass seeds.



A Dozen of our Varieties as Shown at the Wisconsin Potato Growers' Meeting at Waupaca, Nov. 14 and 15, 1912.

OLDS' SEED POTATOES—What They Are.

There is money in potatoes if you plant the right kind of seed. Use seed that was grown for seed. Our seed potatoes are grown on contract especially for seed and as a rule from select stock that we furnish. We keep an eye on the crop while it is growing as far as possible. Our form of contract provides that the grower shall deliver only the merchantable product, the minimum weight of tubers to be 2½ ounces, and no prongy, scabby, ill-shaped or overgrown tubers to be allowed.

We are very particular about the matter of sorting. No firm is more so. We store in large, frost-proof but well-ventilated cellars, keeping the temperature as near 40 degrees as possible.

PACKING AND SHIPPING. We are in the best possible position to make prompt shipments, as we have our own sidetracks and load potatoes in all kinds of weather direct from our warehouses into cars alongside, shipping everything in refrigerator cars early in the season. If late in ordering, name second choice, as our rule is not to substitute without permission. All early shipments are packed in lined barrels. Later in the season we sometimes ship in sacks, especially nearby orders, when we are satisfied that they will go just as well that way.

PRICES. Potato prices are very low this year as compared with last year. This is the year to change your seed. Order Olds' pure-bred potatoes for your planting this year and do not use that old run-out seed any longer. Money in potatoes if you let Olds furnish the seed.



RED RIVER SIX WEEKS.

HARDLY MATURES IN SIX WEEKS, BUT COMES ABOUT AS NEAR IT AS ANYTHING.

We are not going to be careless enough to say that this potato gets ripe in six weeks from planting, or foolish enough to think that our customers would believe such a statement. That is just what some seedsmen do claim, however, and even go so far as to picture out the appearance of the field at the end of each week. We prefer to simply say that it is an extra early, a little earlier even than Early Ohio. It has become immensely popular, and is much sought after, especially by market gardeners. The seed is always in demand and sells at a premium over other early ones. Six Weeks belongs to the Ohio family, resembles Early Ohio, but is usually just a little redder in color. It makes an extremely quick growth, grows very compactly and yields as much as Early Ohio or more.

Our Six Weeks this year are all Red River grown and as usual are very nice, smooth stock. They are all from one grower in the Red River Valley, the same one who has grown this variety for us several years, are perfectly pure and straight, and as far ahead of ordinary seed as can be imagined. Everyone who orders our Red River Six Weeks this year will be delighted.

Prices: ¼ pk., 25c; pk., 45c; bu., (60 lbs.) \$1.50; bbl., (172 lbs.) \$3.75; 5 bbls. at \$3.60; 10 bbls. at \$3.50.

Note—Our barrels now contain 172 pounds net instead of 165 pounds. Take this into account.



RED RIVER IRISH COBBLER.

Irish Cobbler has been for some years the most popular early potato in the East. In the potato sections of Maine it has been more largely grown than all other earlies and has been shipped from there in large quantities to supply the truckers of New Jersey and Virginia and other Atlantic coast states. Recently it has been coming into prominence throughout the southwest and south central states, and now is attracting attention all over the central west.

It is a pure white potato, nearly round in shape with eyes rather more pronounced than in the Ohio type varieties. It is spoken of as the legitimate successor to Bliss' Triumph and is fast superseding that variety. It sells better than Triumph as it is a better looker, is ahead of Triumph in quality and yields much more, often twice as much.

Seed is in great demand this year and sold all the fall at 20 cents per bushel more than Ohio at growing points. We have a good stock of Red River grown seed and we have the correct type of Cobblers but we feel confident there will not be near enough to supply the demand. Therefore order early.

Prices: $\frac{1}{2}$ pk., 30c; pk., 50c; bu., \$1.80; bbl., \$4.50; 5 bbls., at \$4.35; 10 bbls. at \$4.25.

RED RIVER TRIUMPH.

Bliss' Triumph is a standard extra early and a leader all through the south. 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. Our Red River grown Triumphs cannot be excelled. They are very much superior to home grown Triumphs as they grow larger and stronger and yield more bushels per acre.

Prices: Same as for Red River Irish Cobbler.



RED RIVER WHITE OHIO.

AN OHIO WITH A WHITE SKIN.

White Early Ohio is identical in every way with Red 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 take a back seat because of the color 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. It is just as good in quality and just as early as the Red Ohio, and just as productive. Most of our growers say it yields better, and it certainly has made some great yield records.

Our stock this year, as usual, is quite limited but is all choice Red River grown, from the same grower we have contracted with for several years. Send your order early, as we never have enough White Ohios.

Prices: $\frac{1}{2}$ pk., 25c; pk., 45c; bu., \$1.60; bbl. (172 lbs.), \$4.00; 5 bbls. at \$3.85; 10 bbls. at \$3.75.

Second Size: Bu., \$1.40; bbl., \$3.50; 5 bbls. at \$3.35; 10 bbls. at \$3.25.



OLDS' IMPROVED EARLY OHIO.

The well-known dependable all-around early variety.



Early Ohio is without doubt the most popular early potato in the country. We have more calls for it always than for any other early. Every one knows what it is, and knows that it can be relied on for an early market variety in almost every locality.

A large percentage of the so-called Ohios throughout the country however, are badly mixed and are run out. The worst of it is many farmers do not seem to know that their seed is mixed. It is even very common to find potatoes entered for exhibition at the fairs in the fall as Early Ohios that are all mixed up with Early Rose or some other variety with smooth skin and pointed ends. A typical Early Ohio should have blunt rounded ends, with the cluster of eyes at the seed end right out flush with the surface.

Our illustration shows just how Olds' Famous Improved Red River Grown Early Ohios look, as it is an actual photograph of a barrel put up from our bins showing the potatoes just exactly as they are. Note the well-rounded symmetrical shape and uniform size. No run-out stock about them. We have sold thousands and thousands of bushels of this high grade vigorous stock during the last few years, shipping them to customers all over the United States. Every one is always pleased with our stock.

Last year we sold over 17,000 bushels of Red River Early Ohios alone and would have sold more if we had had them. A lot of orders had to be turned down and thousands of dollars returned. Other seedsmen come to us for their Early Ohios. They know they can depend on them if they come from Olds. Join the procession. Send us your order this year and prosper.

We have grown a very large stock of Improved Early Ohios in the Red River Valley again for this year and we shall sell at the prices given in this catalogue as long as the stock lasts. **But we want to urge early orders as we fear we shall be sold out before the season is over.** Our prices are very low for the sort of stock we offer. Just \$1.50 per barrel less than last year and remember you cannot find better anywhere.

PRICES OF OLDS' RED RIVER EARLY OHIOS FOR 1913.

½ pk. 25c; pk., 40c; bu., \$1.40; bbl. (172 lbs.), \$3.50; 5 bbls. at \$3.35; 10 bbls. at \$3.25.

Second Size (Red River grown): Bu., \$1.25; bbl., \$3.00; 5 bbls. at \$2.85; 10 bbls. at \$2.75.

Our second size potatoes are smooth and nice, running from 2½ ounces (about the size of an average hen's egg) down to 1½ ounces, with occasionally one a little smaller still. They go further than large potatoes and really make very desirable seed. We offer seconds of only two varieties this year. Red River Early Ohio and Red River White Ohio, described on the preceding page.



OLDS' RED RIVER ACME.



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

Our Red River grown Acmes this year are a little the best stock of all our Red River varieties. They are from the same place where our Acmes have been grown year after year for the last 16 years, or just about from the first introduction of the variety. This stock is not run out at all but on the contrary has been improved. Our grower has always taken care in sorting and selecting, keeping the stock all the time up to the highest standard of purity and vigor.

Really we want all our customers to order at least a few Acme this year just to see how fine they look. They are the smoothest, prettiest, most uniform lot of potatoes we about ever saw. Try us on Acme this year.

Prices: $\frac{1}{2}$ pk., 25c; pk., 40c; bu., \$1.40; bbl. (172 lbs.) \$3.50; 5 bbls. at \$3.35; 10 bbls. at \$3.25.

Fred W. Kespler, Perrysville, Ind., June 7, 1912: "The seed potatoes I ordered from you reached me Monday in perfect condition. Only found one bad one in the barrel. I am well pleased with them; they look like extra fine seed potatoes."

C. K. Wiles, Flora, Ind., June 26, 1912: "In regard to shipment of barrel of potatoes of June 4, 1912, would say they have just arrived in O. K. condition and am very well pleased with the stock. They are beyond my expectations. I know now where to place future orders."

Silas A. Hill, Moundsville, W. Va., May 13, 1912: "I received the seed potatoes all right and was very well pleased with them, and am very much obliged to you for sending me such nice potatoes."

T. W. May, Parkersburg, Ia., May 11, 1912: "I received the potatoes May 8th all right and thank you very much for your generosity. Will say I was very much pleased with them and have planted them. Your seeds are the best of any I have had of late and will probably want more in the future."

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

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

REMEMBER—Our barrels contain 172 pounds net instead of 165 pounds. Take this into account in comparing our prices with others. It makes a difference of nearly 20 cents per barrel.



SNOWFLAKE JUNIOR.

Here is a great potato that we offered our customers for the first time last year. It grows and yields like Rural and at the same time has something of the flaky whiteness and superb quality of the old Snowflake. Our attention was called to it by one of our farmers here near Madison, Mr. P. J. Schneider, who had quite a field of them in 1911. He said they were ahead of anything he had ever had and that "the bugs did not bother them." We saw his field the last of August and they were very fine indeed at that time. The stand was perfect and the growth very large, just about covering the ground. Vines rather more leafy than vines of the Rural but with the same thick, strong, dark-colored stalks. Foliage not like the old Snowflake.

We bought this man's entire crop and when dug they were certainly beauties. There were no skips. Every hill was there, 8 to 10 potatoes in each hill and all about the same size; hardly any overgrown ones and no small ones. The actual yield for the entire field was 386 bushels per acre and this with just common field culture on a common farm.

Now we have Mr. Schneider's 1912 crop to offer this year. The photograph below was taken after they had finished blossoming a little too late to show them at their best. The yield this time was only 250 bushels per acre as the grubs destroyed part of the crop. The stock is very fine however, nicer even than what we had last year, tubers all about alike—smooth, clean and regular in form.

We want to say right here that if you want something to take the place of Rural New Yorker plant our Snowflake Junior. You can just as well have 250 bushels per acre instead of 150. Snowflake Jrs. look like Rurals and all the potato buyers would call them Rurals, but they are way ahead of Rurals. They are ahead in quality as they cook more like Snowflakes, they are smoother and nicer looking and they yield much better. In fact they are better every way.

We had a great call for Snowflake Jr. last year and did not have near enough to fill orders. This time we have a larger stock as we had quite an acreage aside from Mr. Schneider's. Order liberally. This is the year to change seed when prices are low.

Prices: $\frac{1}{2}$ pk., 25c; pk., 45c; bu., \$1.50; bbl., \$3.75; 5 bbls. at \$3.60; 10 bbls. at \$3.50.



Field of Snowflake Jr. on farm of P. J. Schneider, near Madison, season of 1912. Yield 250 bushels per acre. Yield of same variety in 1911 on same farm 386 bushels per acre.

Mr. D. H. Penney, Danbury, Ia., May 4, 1912: "The two barrels of potatoes received on the 2nd inst and will say I am certainly well pleased for they were beauties. Thanking you for the attention given this order, I hope to be able to give you a larger order in the future."

Mrs. Lina Spahr & Sons, Bunceton, Mo., April 4, 1912: "We received our potatoes today. Seem to be all right. If they produce potatoes as nice as these look to be, I will be delighted. No one has such potatoes around here. We all think they are fine."



SCOTCH RURAL, An Improved Rural New Yorker.



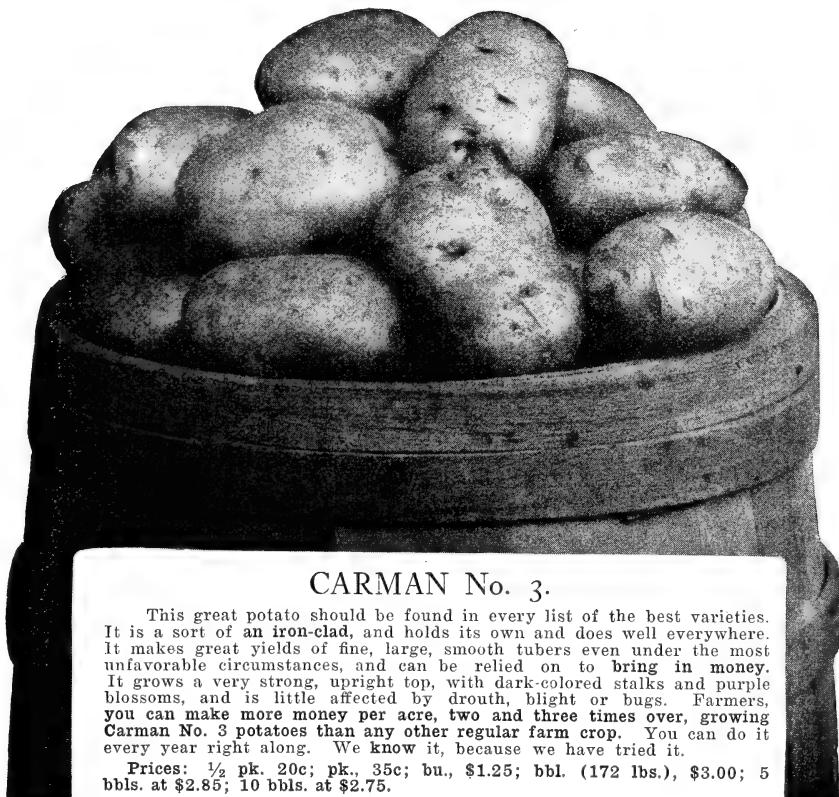
Something new in the Rural line, imported from Scotland. Introduced by us two years ago. It is a regular Rural New Yorker all right in looks and in manner of growth but in yield and growth of vine is way ahead of Rural.

One of our growers near Madison secured a yield of almost 300 bushels per acre, while Rural New Yorker and other late varieties under the same conditions yielded less than 200. This man said that 2 hills filled an ordinary milk pail and he reported measuring vines 6 feet long. We saw his field in August and at that time the growth completely covered the ground.

The first year we had Scotch Rural they did not get ripe as they refused to stop growing. The next year they made just about as big a growth, beating everything else but they finally ripened up all right. This last season, the third year here, they were still earlier, ripening about the same as ordinary Rurals, although the growth and yield were way ahead of Rurals. They are not only superior yielders but very smooth and handsome looking. In fact the very nicest bin of potatoes we have in our cellars at this writing, December, 1912, is a bin of Scotch Rurals grown by Mr. Frank Acker of Dane County. Ask for Mr. Acker's stock when you order. They are dandies.

Prices: $\frac{1}{2}$ pk., 25c; pk., 40c; bu., \$1.40; bbl., \$3.50; 5 bbls. at \$3.35; 10 bbls. at \$3.25.

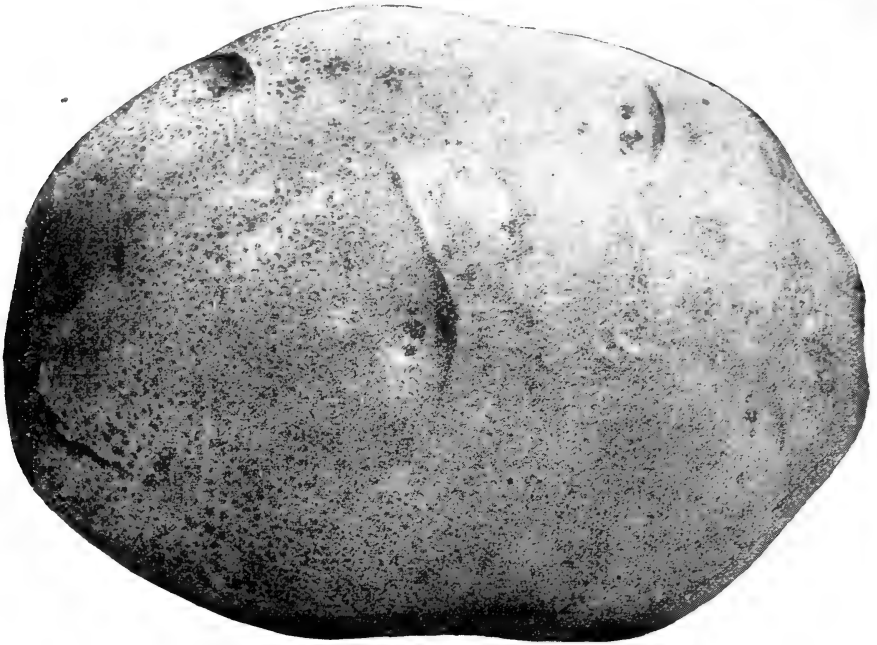
E. L. Benedict, Beloit, Wis.: "The Scotch Rurals were fine. Yielded about 340 bushels per acre."



CARMAN No. 3.

This great potato should be found in every list of the best varieties. It is a sort of an iron-clad, and holds its own and does well everywhere. It makes great yields of fine, large, smooth tubers even under the most unfavorable circumstances, and can be relied on to bring in money. It grows a very strong, upright top, with dark-colored stalks and purple blossoms, and is little affected by drouth, blight or bugs. Farmers, you can make more money per acre, two and three times over, growing Carman No. 3 potatoes than any other regular farm crop. You can do it every year right along. We know it, because we have tried it.

Prices: $\frac{1}{2}$ pk. 20c; pk., 35c; bu., \$1.25; bbl. (172 lbs.), \$3.00; 5 bbls. at \$2.85; 10 bbls. at \$2.75.



SIR WALTER RALEIGH, King of the Rural Varieties.

FOR 16 YEARS, MOST SATISFACTORY ALL-AROUND MAIN-CROP POTATO.

Sir Walter Raleigh was first introduced in 1897. It is as good as ever today and better. Selection has improved it. It is generally spoken of as "Mr. Carman's Best," and we feel like calling it "Olds' Best." With our growers it has made the very best continuous record of all our varieties for yield, size, smoothness and handsome appearance. Good large size, hardly ever any small ones, nearly round in shape, but flattened, just what is most desired now; skin pure white, thin and transparent, eyes few and very shallow; potatoes never prongy and never scabby, almost blight-proof, a sure yielder in all soils.

Any farmer who wants pure, vigorous seed of the best all-round market variety had better order some of Olds' Sir Walter Raleighs. Potato Growers! Discard your old mixed stock and put in Sir Walter Raleighs. You will make more money every time.

Prices: $\frac{1}{2}$ pk., 20c; pk., 35c; bu., \$1.25; bbl., \$3.00; 5 bbls. at \$2.85; 10 bbls. at \$2.75.



OLDS' GOLDEN RUSSET. The "Quality" Potato.

Introduced by us 2 years ago. Distinct from and far superior to the old California Russet, which it somewhat resembles. Originated at Clinton, Wisconsin, with one of our growers there, a chance seedling from a field of Early Ohio, but not at all like Ohio. A very smooth, rather long, pure white potato, with skin completely covered over with a very thick netting, making it a decided russet. Fine grained and of best quality. Medium in season.

Our stock this year is very fine, the best we have had. The yield was splendid.

Prices: $\frac{1}{2}$ pk., 25c; pk., 45c; bu., \$1.60; bbl. \$4.00; 5 bbls. at \$3.85; 10 bbls. at \$3.75.



W. H. Carpenter, Mattoon, Wis., writes Mar. 23, 1912: "My Golden Russet potatoes in 1911 yielded at the rate of over 357 bushels per acre."



VERMONT GOLD COIN.

A main-crop variety, introduced by Burpee in 1903, with a very strong indorsement from the veteran potato specialist, Mr. E. L. Coy. Mr. Coy figured the yield a third more than Carman, Rural, Empire State, etc. It is a very strong grower, vines very large, with deep green foliage covering the ground. The potato is pure white in color, with netted skin, somewhat subject to scab if planted on old land. Not as smooth as the Rural type varieties, but of rather better quality, cooking up dry and mealy even when very large and overgrown. As a cropper it is a leader.

Our stock this year is unusually nice, running smooth and uniform and not too large.

Prices: ½ pk., 25c; pk., 40c; bu., \$1.30; bbl., \$3.25; 5 bbls. at \$3.10; 10 bbls. at \$3.00.

RURAL NEW YORKER No. 2.

Well known the country over, and probably more largely grown throughout the potato sections of the west than all other varieties combined. But the stock generally is badly mixed and more or less run out. We have an unusually fine strain, pure, vigorous and true to type. Discard your old mixed stock this year and start with genuine Rurals.

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, very smooth, with pure white skin, uniform in size, numerous in the hill, very attractive.

Prices: ½ pk., 20c; pk., 35c; bu., \$1.25; bbl., \$3.00; 5 bbls. at \$2.85; 10 bbls. at \$2.75.

PAT'S CHOICE.



We introduced this variety in 1900 as "The Greatest of All Late Potatoes," basing this claim on the fact that "it outyields the Rural type varieties and is of better quality." These statements will stand all right, although we admit that Pat's Choice is not as good a seller as the Rural varieties, owing to its shape and color. Pat's Choice is the potato that is "different." Long, handsome and smooth. No other potato has such shallow eyes. Skin is a beautiful pink color, with deeper colored eyes, very thickly netted, and for quality—well, there is no potato like Pat's Choice for fine cooking qualities, always dry and mealy whether baked or boiled. It is medium late in season, a seedling of Seneca Beauty, which it somewhat resembles, but is earlier and does not boil to pieces as its parent does. To crown all, it is tremendously prolific.

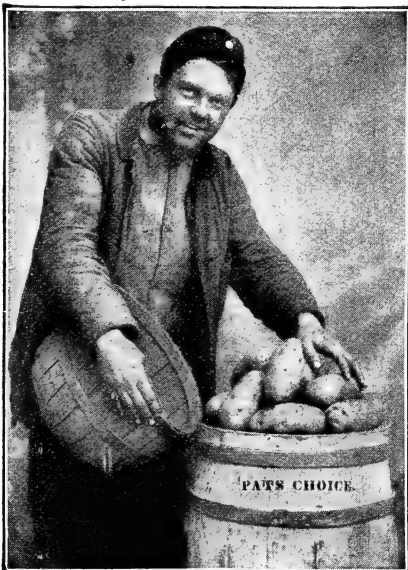
Prices: ½ pk., 25c; pk., 40c; bu., \$1.40; bbl., \$3.50; 5 bbls. at \$3.35; 10 bbls. at \$3.25.

PAT MURPHY.



Introduced by us in 1911. It looks like Pat's Choice and grows like it, although the tubers are not quite as long. It is not related to Pat's Choice however but was a chance seedling with one of our customers in Pennsylvania. Our stock this year is very limited as we nearly lost the seed a year ago.

Prices, same as for Pat's Choice.



Jos. Murty, Ridgeway, Wis.: "I am not at all surprised at the increasing of your business for by your honest dealing you have won the confidence of the people."

OLDS' PROLIFIC.



Introduced by us in 1908. Remarkable for heavy yield and strong, large growth. We have ourselves measured vines of this variety over 6 feet long and have counted as high as 15 marketable potatoes from one hill. J. M. Killian grew 50 bushels on one-eleventh of an acre, or at the rate of 550 bushels per acre.

It is a pure white potato, of fine appearance, oblong in shape; skin quite well netted; cooking qualities good; medium late in season. For yield and strong growth of vine ahead of all others.

Prices: 1/2 pk., 25c; pk., 40c; bu., \$1.30; bbl., \$3.25; 5 bbls. at \$3.10; 10 bbls. at \$3.00.

GREEN MOUNTAIN JUNIOR.

Originated in Maine in 1905, from a seed ball grown on Green Mountain and pollenized with Green Mountain. It is therefore a real thorough-bred. It has all its parent's good qualities and in general appearance is the same except that it is a purer white and the skin is more netted. Round to oblong in shape, somewhat flattened. Makes a very strong growth with abundant foliage and white blossoms.

We are mightily pleased with what we have seen of it thus far. It has made a fine showing with our growers here near Madison.

Prices: Same as for Olds' Prolific.

COMPLETE POTATO PRICE LIST.

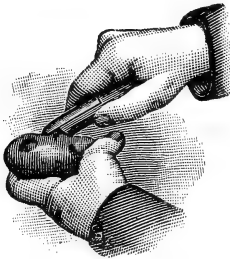
	Half Peck	Peck (15 lbs.)	Bu. (60 lbs.)	Bbl. (172 lbs.)	5 Bbls. Per bbl.	10 Bbls Per bbl.
Red River Six Weeks..... Page 24	\$.25	\$.45	\$ 1.50	\$ 3.75	\$ 3.60	\$ 3.50
Red River Irish Cobbler..... Page 25	.30	.50	1.80	4.50	4.35	4.25
Red River Triumph..... Page 25	.30	.50	1.80	4.50	4.35	4.25
Red River White Ohio..... Page 25	.25	.45	1.60	4.00	3.85	3.75
Red River Early Ohio..... Page 26	.25	.40	1.40	3.50	3.35	3.25
Red River Early Acme..... Page 27	.25	.40	1.40	3.50	3.35	3.25
Snowflake Junior..... Page 28	.25	.45	1.50	3.75	3.60	3.50
Scotch Rural..... Page 29	.25	.40	1.40	3.50	3.35	3.25
Carman No. 3..... Page 29	.20	.35	1.25	3.00	2.85	2.75
Sir Walter Raleigh..... Page 30	.20	.35	1.25	3.00	2.85	2.75
Olds' Golden Russet..... Page 30	.25	.45	1.60	4.00	3.85	3.75
Vermont Gold Coin..... Page 31	.25	.40	1.30	3.25	3.10	3.00
Rural New Yorker..... Page 31	.20	.35	1.25	3.00	2.85	2.75
Pat's Choice..... Page 31	.25	.40	1.40	3.50	3.35	3.25
Pat Murphy..... Page 31	.25	.40	1.40	3.50	3.35	3.25
Olds' Prolific..... Page 32	.25	.40	1.30	3.25	3.10	3.00
Green Mountain Jr..... Page 32	.25	.40	1.30	3.25	3.10	3.00

POUND PRICES (All Varieties)—By mail: One pound (about 3 good tubers), 25c; 3 lbs., 60c, postpaid. By freight or express: Lb., 15c. Not less than one pound of a variety sold.

NOTE—Conforming to the new Wisconsin law we pack 172 pounds of potatoes net in a barrel now instead of 165 pounds as formerly. Remember this in considering our prices.

Collection Barrels. We offer a barrel made up of any 2 varieties potatoes on our list, half of each, at barrel rates, plus 15 cents; 3 varieties, at barrel rates, plus 25 cents.

Collection Bushels. We offer a bushel of any 2 varieties, half of each, at bushel rates; 4 varieties, one peck of each, at bushel rates, plus 15 cents; 8 varieties, 1/2 peck of each, at peck rates.



POTATO EYES.

We put up Potato Eye Boxes of any varieties on our list and send them prepaid anywhere in the United States at the mail prices named below. Good strong eyes are very carefully removed from select tubers, as shown in the illustration, and packed in damp moss in paraffine lined boxes. We guarantee safe arrival in good growing condition.

We have been sending out potato eyes in this way now for several years and we know they give our customers satisfaction. Many have written us of good results obtained from planting this kind of seed. A box of 160 eyes will produce a fine lot of potatoes, and give an opportunity to test some of our

choice varieties at small cost. This plan is especially fine for customers living at a great distance, where express or freight charges would be very high. Orders will be booked when received and sent so as to reach destination at about the right time for planting according to our judgment, although we prefer to have customers state when wanted in the order.

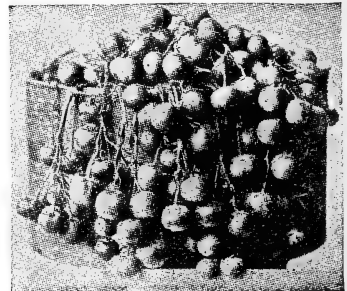
PRICES OF POTATO EYES.

- 160 Eyes, (one box) all one variety, your selection, 95c by mail, postpaid.
- 160 Eyes, (one box) two varieties, 80 of each, your selection, \$1.00 by mail, postpaid.
- 160 Eyes, (one box) four varieties, 40 of each, your selection, \$1.10 by mail, postpaid.
- 480 Eyes, (3 boxes) all one variety, \$2.00 by express, not prepaid.
- 480 Eyes, (3 boxes) three varieties, \$2.10 by express, not prepaid.
- 480 Eyes, (3 boxes) twelve varieties, \$2.50 by express, not prepaid.

(No orders accepted for less than 160 eyes.)

HYBRIDIZED POTATO SEED.

We offer a fine stock of choice 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. Our mixture contains seed not only from this country but from Europe and South America. Pkt., 15c; 2 pkts., 25c.



POTATO SEED-BALLS BY THE BUSHEL.

Geo Hart, Camp Crook, Mont., reports 350 pounds Carman No. 3 grown from 160 eyes sent him last spring. One potato tipped the scales at three pounds. Mr. Hart says, "Olds' seeds are the only stuff."

Bert White, Johnstown, Neb., Feb. 4, 1912: "I have bought seeds of you for the last three years and must say I am well satisfied. Your seeds are always true to name and sure to grow. I recommend your company to my neighbors and have got several to send. Two years ago I sent for 160 potato eyes and raised 1 1/2 bushels and I planted them and raised 35 bushels. They are the Vermont Gold Coin."

GARDEN SEED DEPARTMENT



Our seeds are grown for seed purposes only and are equal to any offered. We catalogue varieties of merit and have selected from these the "Wisconsin Standards"—see next page.

Where our **TRADE MARK** appears, it indicates varieties we have been instrumental in introducing. To help those who might be confused by a long list, we have marked with a star (★) those varieties we specially recommend for general cultivation.

IF ORDERED TO BE SENT BY EXPRESS OR FREIGHT, DEDUCT 10 CENTS PER POUND FROM MAIL PRICES QUOTED.

DISCOUNTS.

We allow a cash discount on all garden seed orders for packets and ounces (excepting collections), as follows:

20 Per Cent on Orders for PACKETS and OUNCES, Am'ting to from 50c to \$1.00
25 Per Cent on Orders for PACKETS and OUNCES, Amounting to Over \$1.00
30 Per Cent on Orders for PACKETS ONLY, Amounting to from 50c to \$1.00
35 PER CENT ON ORDERS FOR PACKETS ONLY, AMOUNTING TO OVER \$1.00

If the packet and ounce portion of your order amounts to \$1.00, send us 75 cents. If you order nothing but packets and the order amounts to \$1.00, send us 65 cents. These offers apply to nothing but packets and ounces.

If your garden seed order, not including packets and ounces, amounts to \$5.00 or more, you are entitled to market gardeners' prices and should send for our market gardeners' net price list—free on request.

Prices from the market gardeners' list and special prices are net and not entitled to any further discount.

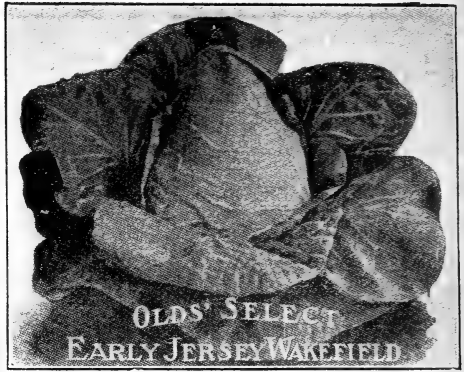
We guarantee safe delivery of all seeds whether sent by mail, express, or freight, but cannot be responsible for the crop. Success depends largely upon conditions of soil and climate; however, should our seeds prove unsatisfactory, we will, providing we have sufficient proof that they were not as represented, refill the order or return the money, but we will not assume responsibility further than the amount sent us. If the purchaser does not accept these terms, the seed is to be returned at once.

All of our garden seeds are first tested for germination. We are careful to give the seed the same temperature and moisture that they would have under normal conditions in the open ground. Under each heading we give the standard per cent of vitality for good seed and we will, on request, give the germination of any lot sent out.

Our seeds are put up fresh each year and the stock number, letter and year stamped on every package. When making request for test, be sure and mention the stock letter and number.

SPECIAL CASH PREMIUM.

We offer, in cash, \$25.00 for best collection of vegetables grown from our seeds at Wisconsin State Fair, Fall 1913.



OLDS' WISCONSIN STANDARDS

We have selected the following sorts as those best adapted for the home desirable for the market gardener. "Olds' Wisconsin Standards" are not untried novelties—we know from personal experience that each is among the best of its class.

garden. They are also

	Re mail postpaid.			
	pkt.	oz.	¼ lb.	lb.
BEEF (41). Olds' Improved Blood Turnip. Grows quickly, has a small top and is altogether the best first early beet.....	\$0.05	\$0.10	\$0.35	\$1.25
BEEF (51). Crosby's Egyptian. The most desirable early market variety.....	.05	.10	.30	1.00
CABBAGE (70). Olds' Select Early Jersey Wakefield. The best early cabbage in cultivation.....	.05	.15	.45	1.65
CARROT (101). Early Short Top. The best carrot for home use.....	.05	.15	.40	1.35
CUCUMBER (160). Olds' Extra Early White Spine. Very productive.....	.05	.10	.20	.55
CUCUMBER (158). Olds' Improved Chicago Pickling. Fruits medium in length and pointed at both ends.....	.05	.10	.20	.55
LETTUCE (215). Olds' Earliest Forcing. The best variety for forcing.....	.05	.10	.18	.65
LETTUCE (220). Early Prize Head. Good all the year round.....	.05	.10	.20	.60
MUSKMELON (239). Olds' Select Osage. Just right for the home garden; also popular with the market gardener.....	.05	.10	.20	.55
WATERMELON (262). Cole's Early. A fine melon adapted to this locality.....	.05	.10	.15	.45
ONION (280). Olds' Golden Globe. Hardy and reliable—excellent for market or home use.....	.10	.20	.40	1.50
ONION (281). Olds' Silver Globe. Close and fine grained—cannot be excelled for the home garden.....	.10	.25	.55	2.00
ONION (282). Olds' Crimson Globe. Close grained, mild and tender.....	.10	.20	.45	1.60
PARSLEY (307). The Arlington. A fine, new, double curled parsley—stands heat, cold and drought.....	.05	.10	.25	.95
PARSNIP (310). Olds' Improved Guernsey. We consider this the best.....	.05	.10	.20	.55
PEPPER (350). Olds' Ruby King. The most popular large red pepper.....	.05	.15	.50	1.75
PUMPKIN (361). Olds' Quaker Pie. Very prolific and a good keeper.....	.05	.10	.20	.60
RADISH (373). Olds' Improved French Breakfast. Early, handsome, tender and crisp.....	.05	.10	.15	.40
RADISH (376). Olds' Crimson Giant. Best large radish for first outdoor planting.....	.05	.10	.15	.40
RADISH (385). Best White Icicle. The best long, pure white radish.....	.05	.10	.20	.55
SPINACH (402). Bloomsdale. Thick, dark green, wrinkled leaves; hardy and a great favorite.....	.05	.10	.15	.35
SQUASH (413). Olds' Golden Hubbard. Very productive and fine for pies.....	.05	.10	.20	.65
TOMATO (429). The Matchless. Produces large, red tomatoes throughout the entire season—just right for the home garden.....	.05	.15	.45	1.60
TURNIP (465). Olds' Purple Top White Globe. A rapid grower, globe-shaped, pure white flesh—a sure cropper and will outyield any other.....	.05	.10	.15	.40
HERB (492). Sage. More extensively used for seasoning than any other.....	.05	.10	.25	.75
By mail, postpaid.				
BEANS (15). Olds' Stringless Green Pod. The best green pod for either market or the home garden; early, hardy and productive.....		.10	.20	.35
BEANS (24). Olds' Pencil Pod Wax. The best wax pod for the home garden—tender and entirely stringless.....		.10	.20	.35
SWEET CORN (137). Olds' Ideal Early. The best early, large eared sweet corn; commands a high price in market and just the thing for the home garden.....		.05	.20	.35
SWEET CORN (146). Olds' White Evergreen. A pure white evergreen—fine for market gardeners and all who like good sweet corn.....		.05	.15	.25
PEAS (325). Notts' Excelsior. The best early dwarf pea in cultivation; very sweet and tender—can be planted at intervals of two weeks throughout the summer.....		10	.25	.40
PEAS (326). Olds' Improved Stratagem. The best of all the large-podded late peas—and can also be used for a later second early.....		.10	.25	.40

OLDS' WISCONSIN STANDARDS COMPRISE 31 VARIETIES. In order to induce every one to give them a trial, we offer one packet of each, 31 packets in all, amounting to \$1.75 at catalogue prices, for \$1.00, by mail postpaid. By express or freight, not prepaid, 75c. For 50 cents we will send postpaid 23 packets, one packet of each—excepting the Peas, Beans and Sweet Corn and leaving out one each of the Radishes and Onions. If this offer gives you more seed than you want get one of your neighbors to order with you and secure your garden seeds at half price.

☞ The Cash Discounts mentioned on page 33, do not apply on the above collections.

EVERY MARKET GARDENER

should have our market gardeners' net price list before ordering—free on request.

If your order for garden seeds, in larger quantities than ounces, amounts to \$5.00 or more, you are entitled to better prices than those given in this catalogue.

ASPARAGUS

The Asparagus bed furnishes the first green delicacy for the table in the spring, is universally popular, and requires but little care. Each packet contains $\frac{1}{4}$ oz. of seed and will plant 15 feet of drill; two to three pounds an acre. We recommend planting roots, however, rather than seed.

1. **CONOVER'S COLOSSAL.** The standard variety. Two-year-old roots: 25, 35c; 100, \$1.15, postpaid. By express or freight, not prepaid: 25, 25c; 100, 65c; 1,000, \$5.00. SEED: Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 45c, postpaid.

2. **COLUMBIAN MAMMOTH WHITE.** A new variety, with white shoots that stay white. Rather more vigorous in growth and with larger shoots than Conover's Colossal. Two-year-old roots: Doz., 25c; 25, 40c; 100, \$1.25, postpaid. By express or freight, not prepaid: 25, 30c; 100, 75c; 1,000, \$6.00. SEED: Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c, postpaid.

3. **BARR'S MAMMOTH.** Large and productive; grows twice as large as Conover's Colossal. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 45c, postpaid.

4. **BONVALLET'S GIANT.** This new asparagus has proved to be in great demand; its flavor, size and whiteness place it ahead of any other. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c postpaid.

5. **PALMETTO.** The plants are vigorous in growth, producing large thick dark green shoots with a distinctly pointed tip. Roots and seed, same price as for Conover's Colossal.

We can furnish roots of Conover's Colossal, Columbian Mammoth White and Palmetto—50 of a kind at the 100 rate; 500 at the 1,000 rate. Special prices on larger lots on application.

BEANS

Our beans are Northern grown, thoroughly rogued and carefully hand-picked. Those marked with a star are varieties we specially recommend. Order by number.

Our packets contain two ounces each, and will plant from 10 to 15 feet of drill. One quart will plant 100 feet of drill; $1\frac{1}{4}$ bushels one acre. Vitality of good seed, 90%.



27. **NEW HODSON WAX.** The new wax bush bean and one never affected by rust or blight. This bean is in a class by itself—it is remarkable for its great size of bush and length of pod. The pods are from 7 to 8 inches long—see illustration. Altogether it is just the bean for market gardeners and truckers. The plants should be thinned out to at least 6 inches in the row on account of the great size of the bush. Pkt., 10c; pt., 20c; qt., 35c, postpaid.

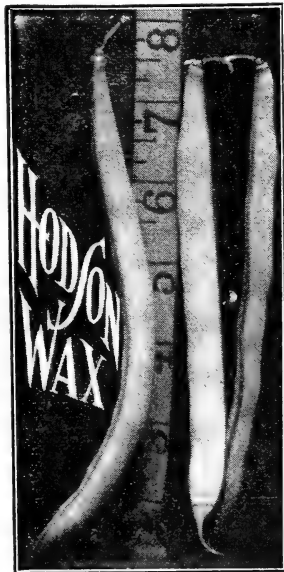
24. **★OLDS' PENCIL POD WAX.** This bean is very early, very productive and of most excellent flavor. The pods are long, straight, round like a pencil, fleshy, and of a bright yellow color; absolutely stringless—try it. Pkt., 10c; pt., 20c; qt., 35c, postpaid.

E. L. Richmond, of Battle Creek, Mich., writes: "I tried your Pencil Pod Wax Bean and found them very tender, entirely stringless, and good from the first mess until the last."



29. **OLDS' REFUGEE WAX.** See illustration. A strong bush and very productive. The pods are five inches long, slender, nearly round, light golden yellow in color, solid, brittle and stringless. It is an early bean and should be in every home garden. Pkt., 10c; 2 pkts., 15c; pt., 20c; qt., 35c, postpaid.

15. **★STRINGLESS GREEN POD.** (Burpee's.) The best green pod. It is early, hardy and productive, bearing handsome pods which are entirely stringless even when fully matured. The pods are five inches long, of a rich green color, very round and straight. By repeated plantings, fine pods may be had in constant succession from spring until cut off by heavy frosts in the fall. For either the market or home garden, no other green podded bean is so entirely satisfactory. Pkt., 10c; 2 pkts., 15c; pt., 20c; qt., 35c, postpaid.



REMEMBER We pay the postage on all seeds by the packet, ounce, quarter-pound, pound, pint and quart. If ordered by express or freight deduct 10 cents per pound.

We state under the heading of each variety the quantity of seed each packet contains and how much ground it will plant, also how much seed it requires to plant an acre.



20½. ★OLDS' STRINGLESS WAX POD. A brand new Wax Pod Bean—early, prolific and luscious. This bean is early, hardy, very prolific, entirely stringless, and as good, in quality and productiveness, as Burpee's Stringless Green Pod. It is a cross of Valentine Wax and Burpee's Stringless Green Pod.

Olds' Stringless Wax grows upright, bearing the beans well off the ground and is loaded with large, handsome pods—see illustration. The pods average six inches in length, light yellow in color, well filled and meaty; they are entirely stringless and of the most delicious flavor. It is the most prolific bush bean we know of and this combined with its large, handsome, delicious, stringless pods, makes it most valuable for any and every purpose.

Mr. Thos. Cunningham, of Missouri, with whom this bean originated, says: "It is a much better bean than Burpee's Stringless Green Pod."

Mr. H. C. Middleton, of Madison, a successful market gardener, says: "I have been growing beans for the last 30 years and your Stringless-Wax Pod is the most prolific bush bean I have ever seen. The large, handsome pods are of the finest flavor and are entirely stringless. Their appearance and quality will command the highest price in any market."

John H. Allen Seed Co. of Sheboygan, Wis., who grew these beans for us this year, say: "We like the looks of your new bean and we will put them on our list."

We have been breeding this bean for several years and now have a very choice stock. Prices for 1913: Pkt., 10c; 2 pkts., 15c; pt., 20c; qt., 35c, postpaid.

See page 38 for prices by express or freight, not prepaid.

20. IMPROVED GOLDEN WAX. The standard flat, wax podded variety. The Golden Wax has long been a popular favorite, and this Improved strain surpasses the old Golden Wax in several ways. The plants are very bushy and not susceptible to blight. The pods are large and handsome—they are also tender, brittle and absolutely without strings or coarse fibre at all stages until maturity, while the color is a rich golden-yellow. It is a heavy cropper and valuable for both home and market gardening. Pkt., 10c; pt., 20c; qt., 35c, postpaid.

21. IMPROVED BLACK WAX. (Dwarf German Prolific.) This bean originated from the old Black Wax and is a great improvement over its parent. One of the earliest of all the wax beans and very productive. The pods are from four to five inches in length, usually slightly curved, quite round, brittle and stringless. Pkt., 10c; pt., 20c; qt., 35c postpaid.

17. BLACK VALENTINE. An excellent variety and an improvement over the old popular standard Early Red Valentine—not quite so early, but one-third larger, with round, straight pods, hardy and prolific. Pkt., 10c; pt., 20c; qt., 35c, postpaid.

25. ★OLDS' ROUND POD KIDNEY WAX. A handsome second early wax bean. This new bean combines all the good qualities of Wardwell's Kidney Wax with the best round-podded sorts. It is the same in season as Wardwell's, and is entirely free from rust. The plants are stocky, and very productive. The pods are large, handsome, of a rich lemon-yellow, and stringless. Pkt., 10c; pt., 20c; qt., 35c, postpaid.

28. ★CURRIE'S RUST-PROOF WAX. Absolutely rust-proof. Grown side by side with other wax beans, this variety remained entirely free from rust. It is early and productive; the pods are straight, rather flat, five inches long, of a light golden yellow color; of very fine flavor and excellent quality; crisp, tender and entirely stringless. Pkt., 10c; pt., 20c; qt., 35c, postpaid.

23. WARDWELL'S KIDNEY WAX. One of the earliest, hardest and most productive wax pod beans. Famous with market gardeners. Pods are long and showy, a third longer than Golden Wax, and a week earlier. A rich, golden yellow, brittle and entirely stringless. Pkt., 10c; 2 pkts., 15c; pt., 20c; qt., 35c; postpaid.



We believe in halftone illustrations made from photographs. If you grow anything good from our seeds, send us a photograph of it—like Hodson Wax Bean or Round Pod Kidney Wax. We will pay the cost of the photograph, and if we can do so, will use it in our next catalogue. To make good pictures the photographs should be on glossy paper, any size (the larger the subject, the better), mounted or unmounted.



13. **BOUNTIFUL.** A new Stringless Bush Bean. Extra early, tender, large-podded (see illustration), and a bountiful yielder. The flat green pods are absolutely stringless and entirely free from tough, membranous lining. This bean is a continuous bearer—the first in the spring and the last in the fall. Fine for the home garden and just right for the truck patch. Pkt., 10c; pt., 20c; qt., 35c, postpaid.

14. **THE LONGFELLOW.** A new Green Pod Bean. An extra early variety with perfectly round, straight, fleshy pods—very tender and brittle. We heartily recommend this variety. Pkt., 10c; pt., 20c; qt., 35c, postpaid.

16. **OLDS' BEST OF ALL BUSH.** One of the finest and most productive of all the Green Pod Bush varieties. The plants grow erect, 18 to 20 inches in height, bearing a profusion of long, straight pods, well above the soil. The pods are fleshy, succulent, stringless and of extra fine flavor, altogether one of the most desirable both for market and home use. Pkt., 10c; pt., 20c; qt., 35c, postpaid.



34. **BURPEE-IMPROVED BUSH LIMA.** Earlier, larger and more productive than Burpee's Bush Lima. The bush is vigorous in growth, upright and has a heavy foliage. The pods are uniform in size, with an average of five beans to a pod—see illustration above. The beans are large, thin skinned and of fine flavor. The pods are borne in clusters and are easily gathered. This bean is a great improvement over the well-known Burpee's Bush Lima. Pkt., 10c; 2 pkts., 15c; pt., 25c; qt., 40c, postpaid.

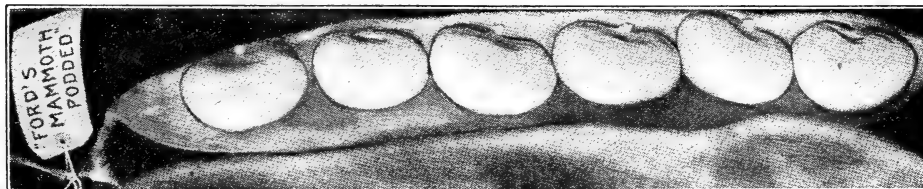
36. **LAZY WIFE POLE.** A very popular pole bean. A great favorite with the housewife, stringless and of a rich, buttery flavor. The pods are dark green in color, 4½ inches in length, and are produced in great abundance. Pkt., 10c; 2 pkts., 15c; pt., 20c; qt., 35c, postpaid.

30. **★ BURPEE'S BUSH LIMA.** A true bush lima bean, requiring no poles or supports. Burpee's Bush Lima can be successfully grown by any one, and it ought to be in every garden. The bushes grow erect 18 to 20 inches high. Each pod contains 3 or 4 large beans; very tender and of a delicious flavor. Pkt., 10c; 2 pkts., 15c; pt., 20c; qt., 35c, postpaid.

33. **FORD'S MAMMOTH PODED.** The largest podded, finest flavored and most productive Pole Lima Bean. The pods average 8 inches in length, with from five to seven beans in a pod (see illustration), excellent for using either green or dry. The vines grow vigorously, setting beans early, and continuing to bear right up to frost. Pkt., 10c; pt., 20c; qt., 35c.

The Best Seeds that grow are sold by Olds.

See next page for prices by express or freight, not prepaid.



We have arranged our catalogue different from most other seed catalogues. We have no novelty pages, but list all varieties under their respective headings.

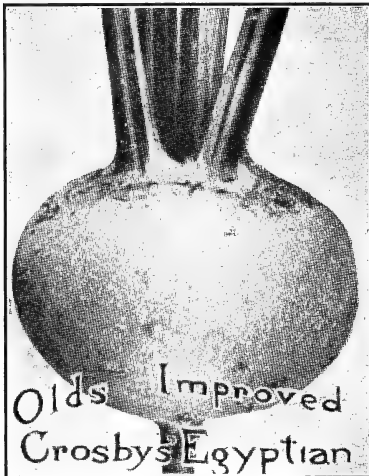
BEANS. Full List.

Pints, half-pecks and half-bushels at quart, peck and bushel rates.

	By mail, postpaid.			By frt. or exp., not prepaid.		
	Pkt.	Pt.	Qt.	Qt.	Pk.	Bu.
10. EXTRA EARLY REFUGEE. Early, hardy and productive.	\$0.10	\$0.20	\$0.35	\$0.20	\$1.10	\$4.00
11. ROUND YELLOW SIX WEEKS. Early; very productive.	.10	.20	.35	.20	1.20	4.45
12. IMPROVED ROUND POD VALENTINE. An improved strain of the well-known standard green pod snap bean.	.10	.20	.35	.20	1.15	4.25
13. BOUNTIFUL. A new stringless bush bean; early; tender.	.10	.20	.35	.20	1.15	4.35
14. LONGFELLOW. The new green pod. Page 37.	.10	.20	.35	.20	1.35	5.25
15. ★STRINGLESS GREEN POD (Burpee's). Best green pod.	.10	.20	.35	.20	1.10	4.00
16. OLDS' BEST OF ALL BUSH. Page 37.	.10	.20	.35	.20	1.25	4.65
17. BLACK VALENTINE. A greatly improved Valentine.	.10	.20	.35	.20	1.30	5.00
20. IMPROVED GOLDEN WAX. A very popular bean.	.10	.20	.35	.20	1.40	5.50
20½. OLDS' STRINGLESS WAX POD. A brand new wax pod bean. See illustration and description, page 36.	.10	.20	.35	.20	1.25	4.65
21. IMPROVED BLACK WAX. Early and very prolific.	.10	.20	.35	.20	1.30	4.95
22. DAVIS WHITE KIDNEY WAX. Productive and very handsome; fine for home use.	.10	.20	.35	.20	1.35	5.25
23. WARDWELL'S KIDNEY WAX. A valuable wax pod; early.	.10	.20	.35	.20	1.30	4.95
24. ★OLDS' PENCIL POD WAX. A fine wax pod. Page 35.	.10	.20	.35	.20	1.25	4.75
25. ★OLDS' ROUND POD KIDNEY WAX. Best second early.	.10	.20	.35	.20	1.25	4.65
27. HODSON WAX. Never affected by rust or blight. Page 35	.10	.20	.35	.20	1.25	4.70
28. ★CURRIE'S RUST-PROOF WAX. Absolutely rust-proof.	.10	.20	.35	.20	1.20	4.50
29. OLDS' REFUGEE WAX. See illustration, page 35.	.10	.20	.35	.20	1.25	4.75
29½. VALENTINE WAX. A splendid prolific second-early.	.10	.20	.35	.20	1.30	5.00
30. ★BURPEE'S BUSH LIMA. True bush lima—no poles.	.10	.20	.35	.20	1.35	5.35
31. HENDERSON'S BUSH LIMA. The earliest bush Lima.	.10	.20	.35	.20	1.35	5.25
32. KING OF THE GARDEN LIMA. The favorite pole Lima.	.10	.20	.35	.20	1.40	5.45
33. FORD'S MAMMOTH PODED. A large podded pole lima.	.10	.20	.35	.20	1.65	6.50
34. BURPEE-IMPROVED BUSH LIMA. The earliest and most productive bush lima.	.10	.25	.40	.25	1.30	5.00
35. BEST OF ALL POLE (White Creaseback). The best early.	.10	.20	.35	.20	1.40	5.45
36. LAZY WIFE POLE. The most popular pole bean.	.10	.25	.40	.25	1.55	6.00
37. GOLDEN CLUSTER WAX POLE. A valuable snap bean.	.10	.20	.35	.20	1.30	4.95
38. KENTUCKY WONDER. A very popular pole bean.	.10	.20	.35	.20		

BEETS

We take great care to have seed that will produce beets free from rootlets and uniform in size. Our packets each contain ¼ oz. of seed and will plant from 12 to 15 feet of drill; four to five pounds, one acre. Those marked with a star are the varieties we especially recommend. Vitality of good seed, 90%. Order by number.



51. **OLDS' IMP'D CROSBY'S EGYPTIAN.** The most desirable early market beet. A selection from Early Egyptian, which is the standard extra early sort. It retains the earliness of its parent, and has a more desirable shape—see illustration. It is deep red in color and of better quality than Egyptian, being sweeter and more tender. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00, postpaid.



54½. **OLDS' DANISH BLOOD TURNIP. A**

grand new vegetable beet combining more good qualities than any other round beet; fine-grained, with blood-red flesh. Very early, tender and makes a handsome pickling sort. It retains its crispness and freedom from woodiness throughout the entire season. The tops are rich blood-red in color and can be used in ornamental bedding. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c, postpaid.



54. **EARLY YELLOW TURNIP.** An early, yellow, globe-shaped variety; very sweet, tender and crisp. Both skin and flesh a bright light yellow, in marked contrast to the deep coloring of other varieties. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c, postpaid.

48. **DETROIT DARK RED TURNIP.** A very fine early turnip beet, with dark red skin and bright red flesh. It grows very smooth, is globular in shape—see illustration, and is tender and sweet. A splendid beet for bunching for market and one of the best for the market garden. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.20, postpaid.

“BY EXPRESS OR FREIGHT” means f. o. b. Madison—the purchaser paying cost of transportation.



41. **★OLDS' IMPROVED BLOOD TURNIP.** The standard early beet. The Early Blood Turnip Beet is one of the best-known and most popular of the early sorts. Olds' Improved is very smooth, of medium size (see illustration), dark red flesh, fine grain, very sweet and tender. It grows quickly, with small, uniform tops. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25, postpaid.

43. **★THE ELECTRIC.** The best second early beet. The Electric is remarkably uniform in shape and size, with smooth, dark red skin, small leaves and a small tap root. The flesh is fine grained and tender. We recommend the Electric to all those wanting a fine early table beet. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50, postpaid.

50. **NEW COLUMBIA.** A superb main-crop variety. This beet grows from 3 to 4 inches in diameter; smooth and free from small rootlets. Flesh deep blood-red, tender and of rich flavor. Compared with the large standard varieties, Columbia has proven earlier than any, and best of all in quality. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.15, postpaid.

Beets again produced only about half a crop of seed last season and prices are much higher than two years ago, although somewhat lower than last year.

52. **★CRIMSON GLOBE.** A new variety of great merit. Unequaled for table use; very handsome, early and suitable for a main-crop variety, of medium size, almost globe-shaped and free from rootlets. The flesh is a deep purplish crimson and of the finest quality, always sweet and tender, and never stringy. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00, postpaid.

40 $\frac{1}{2}$. **★OLDS' EARLIEST FORCING (Fireball).** A new, extra early beet; suitable for forcing. This beet is bright red in color, has a smooth skin and is solid and very sweet in flavor. The leaf stalks and tap roots are quite small (see illustration), making it valuable for sowing in frames. It retains its fresh table qualities better than most beets and is also a valuable sort to sow in the open ground. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50, postpaid.

45 $\frac{1}{2}$. **OLDS' DANISH HALF LONG.** A new table beet; unequaled for slicing. It grows partly out of the ground and is free from roughness. It tapers from three inches in diameter, at the shoulder, to a slender root; brilliant red in color and very handsome in appearance when cooked and sliced for the table. It is tender, fine grained and of excellent quality—try it. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.10, postpaid.

52 $\frac{1}{2}$. **LUCULLUS SWISS CHARD.** The new Swiss Chard, or Spinach Beet. The plants grow from two to two and one-half feet in height. The stalks are thick, broad and delicious when cooked and served in the same manner as asparagus. The Lucullus has large, pointed, crumpled leaves—see illustration, which when cooked and served in the same manner as spinach are tender and fine flavored. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.35, postpaid.

45. **★NEW EARLY MODEL.** The Perfect Beet. It is medium early, coming in between the Electric and Crimson Globe. The bulbs run very uniform and are almost round; fine-grained, tender and sweet—never woody or stringy. It is a fine variety for the home garden. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.15, postpaid.

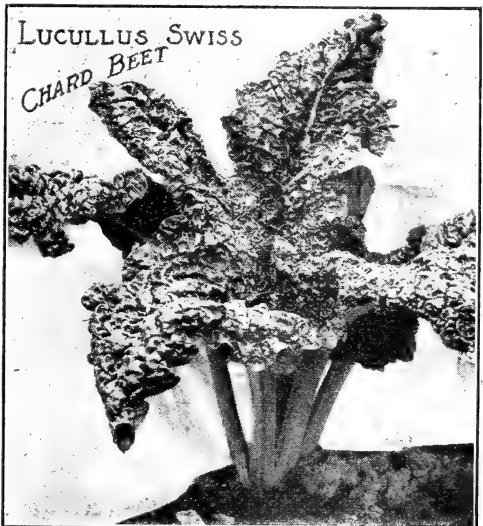
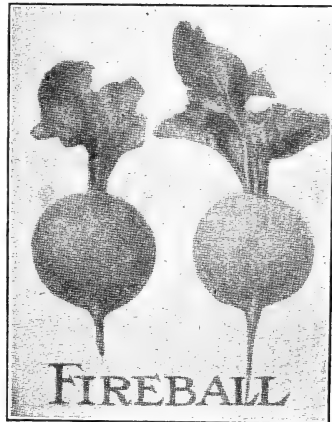
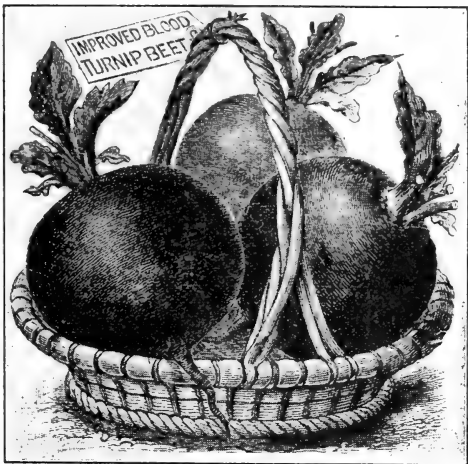
We receive, every year, a large number of testimonial letters from our customers. These letters are of recent date and unsolicited. We like to get them and would like to print all of them in this catalogue, but cannot do so for lack of room.

Mrs. Eliza Pickett, of Dublin, Texas, Oct. 28th, 1912, writes: "I ordered seeds from you this year for the first time and found them to be all right. All the seeds I got from you did well and I was well pleased with them."

THIS CATALOGUE is mailed without request to all who have ordered of us in the last three years. Please notify us of any change of postoffice address.

We have for introduction this year a new Watermelon—page 53. Order anything from this catalogue amounting to \$1.00 or more and we will give, free on request, a sample packet.

See next page for prices of beet by express or freight, not prepaid.



	By mail, postpaid.			
	pkt.	oz.	¼ lb.	lb.
If ordered by express or freight, deduct 10 cts. per lb.				
40. IMPROVED EARLY EGYPTIAN. The standard market variety; grows quickly, producing smooth, flat, turnip-shaped roots.	\$0.05	\$0.10	\$0.25	\$0.95
40½. ★OLDS' EARLIEST FORCING (Fireball). A new extra early beet, suitable both for forcing and the open ground. . . . .	.05	.15	.40	1.50
41. ★OLDS' IMPROVED BLOOD TURNIP. The standard early beet. . . . .	.05	.10	.35	1.25
42. EDMAND'S EARLY BLOOD TURNIP. Dark red; fine flavor; good for winter use, and one of the best beets grown. . . . .	.05	.10	.35	1.15
43. ★THE ELECTRIC. The best second early beet. Page 89. . . . .	.05	.15	.40	1.50
44. ★EARLY ECLIPSE. Very early, globe-shaped, with small top, thin root; skin bright red; flesh fine grained. . . . .	.05	.10	.30	1.00
45. ★NEW EARLY MODEL. The perfect beet. . . . .	.05	.10	.35	1.15
45½. OLDS' DANISH HALF LONG. A new brilliant red beet. . . . .	.05	.10	.30	1.10
46. HALF LONG BLOOD. Fine for winter use. Always smooth, crisp and tender, remaining so until late in the season; dark red flesh. . . . .	.05	.10	.25	.85
47. LONG SMOOTH BLOOD RED. A well-known winter beet; late in maturing, but an excellent keeper. . . . .	.05	.10	.25	.90
48. DETROIT DARK RED TURNIP. A fine early turnip beet. One of the best for the market garden; dark red skin, and bright red flesh. . . . .	.05	.10	.35	1.20
49. MARKET GARDENERS'. The great all seasons' beet. . . . .	.05	.10	.35	1.25
50. NEW COLUMBIA. A fine main crop variety. . . . .	.05	.10	.35	1.15
51. CROSBY'S EGYPTIAN. A most desirable early market beet. . . . .	.05	.10	.30	1.00
52. ★CRIMSON GLOBE. A new variety of great merit. Page 39. . . . .	.05	.10	.30	1.00
52½. ★LUCULLUS SWISS CHARD. The new Swiss Chard Beet. . . . .	.05	.10	.35	1.25
53. SWISS CHARD. The well-known spinach beet; grown for its succulent tops—prepare and use like spinach or asparagus. . . . .	.05	.10	.25	.95
54. EARLY YELLOW TURNIP. An early, yellow, globe-shaped variety. . . . .	.05	.10	.25	.90
54½. OLDS' DANISH BLOOD TURNIP. Round, fine-grained with blood-red flesh. See description, page 38 . . . . .	.05	.10	.25	.85

MANGELS AND SUGAR BEETS



Mammoth Long Red.
5 lbs. \$1.50, not prepaid.

Mangels are good keepers and very productive. 35 to 50 tons can be grown to the acre. Five or six pounds of seed will sow an acre. If ordered by express or freight, deduct 10 cts. per lb. 2 lbs. or more at 5-lb. rates. Order by number.

	By mail, postpaid.				
	pkt.	oz.	¼ lb.	lb.	5 lbs.
55. MAMMOTH LONG RED. The best long red mangel; very productive, often yielding 50 tons to the acre. It grows well above the ground and is easily harvested.	\$0.05	\$0.15	\$0.45	\$2.00	
56. GOLDEN TANKARD. The best yellow mangel in cultivation; globe-shaped, easily harvested and very desirable. . . . .	.05	.15	.50	2.25	
57. GOLDEN GIANT INTERMEDIATE. Intermediate between the long and the globe-shaped. . . . .	.05	.15	.40	1.75	
58. CHAMPION YELLOW GLOBE. The best globe-shaped mangel. . . . .	.05	.15	.40	1.75	
59. GIANT ECKENDORF. The most popular mangel in Germany, also proving very satisfactory in the United States—has a high percentage of dry matter and is easily harvested. . . . .	.05	.15	.50	2.25	
60. LANE'S IMPERIAL SUGAR. A great favorite. Not so rich in sugar as Vilmorin's, but larger and more profitable to grow for feeding. . . . .	.05	.15	.45	2.00	
61. KLEIN WANZLEBEN SUGAR. Largely grown for sugar. The root is straight and even. A heavy yielder and very rich in sugar. . . . .	.05	.15	.40	1.75	
62. VILMORIN'S IMPROVED SUGAR. An improved French variety; very rich, containing usually as high as 16 per cent of sugar. . . . .	.05	.15	.40	1.75	
63. GIANT HALF-SUGAR. One of the most valuable for feeding stock. It unites the large size of the mangel with the great feeding value of the sugar beet. . . . .	.05	.15	.45	2.00	

Mangels and Sugar Beets produced less than half a crop last season and seed is scarce with prices higher than two years ago. Order early.

BRUSSELS SPROUTS.

A species of cabbage, requiring the same cultivation. The sprouts resemble small cabbage growing closely on the stalk of the plant. They are fine for boiling during late fall and winter.

65. OLDS' NEW DANISH. The plants are strong and robust, and the stalks large, thick and close-jointed. But the most desirable feature of this variety is that almost the whole stalk is covered and those at the bottom of the stalk are as fine and solid as those further up. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50, postpaid.
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Do not fail to take advantage of our liberal Cash Discounts. See page 33.

CABBAGE

Our cabbage seed is the best American-grown, excepting of the Danish varieties, which can only reach perfection in Denmark. Each packet contains 1-6th oz. of seed, sufficient to produce 500 plants; ¼ lb. will plant one acre. Those marked with a star are the varieties we specially recommend. Vitality of good seed, 90%. Order by number. Use Slug Shot as a remedy for cabbage worms.



70. ★**OLDS' SELECT EARLY JERSEY WAKEFIELD.**

The best early cabbage in cultivation. It forms fine, solid heads of good size, with very few outer leaves, and is of the best quality. Seed grown from selected heads only. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.65, postpaid.

83½. **GLORY OF ENKHUIZEN.**

A new variety from Holland; considered the most important recent introduction in the cabbage line. The heads are of medium size, globe shaped, handsome (see illustration), with few outer leaves and just right for market; very productive and excellent in quality, surpassing in flavor most of the other varieties. Pkts., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 70c; lb., \$2.50, postpaid.

84½. **COPENHAGEN MARKET.** The new Danish cabbage and the earliest ball-shaped variety; two weeks later than the Early Jersey Wakefield. The heads are solid, of fine quality, with small cores and weighing about 10 pounds each—see illustration. Pkt., 10c; 2 pkts., 15c; oz., 30c; ¼ lb., \$1.15; lb., \$4.50, postpaid.

74. ★**THE VOLGA.** A valuable acquisition in the cabbage line. The heads are as round as a ball. The flesh is firm and tender. It matures two weeks earlier than any other of our late growing sorts, and if set out early will mature in July and August. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.85, postpaid.



79. **OLDS' BRIDGEPORT DRUM-HEAD.**

A select strain of the finest of all Drumheads; grown only from the largest and most perfect heads. It makes a very large, round, firm head. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.45, postpaid.



85. **OLDS' SELECT DANISH BALL HEAD.**

The best cabbage for keeping through the winter. The heads are perfectly round (see illustration), 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 cabbages, although not as large as some. Best Imported Danish-grown Seed: Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.65, postpaid.

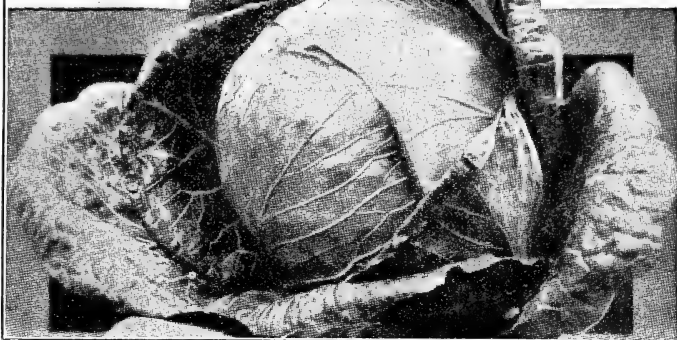
85½. **THE HOLLANDER.** An excellent cabbage for late spring and for shipping. The heads are of medium size, solid and handsome in appearance; good keepers. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75, postpaid.



87½. **OLDS' LONG STEM BALL HEAD.** (Danish-Grown.)

The Danish Ball Head has a very solid head and is unequalled for shipping and keeping qualities. Many trials have demonstrated this. The Long Stem is the best strain of Ball Head and produces a fine market size head. The head is very hard, almost round, fine grained and heavier than any other of equal size. Pkt., 5c; oz., 15c; ¼ lb., 55c; lb., \$2.00, postpaid.

Glory of Enkhuiszen



COPENHAGEN

MARKET

DANISH
BALL HEAD

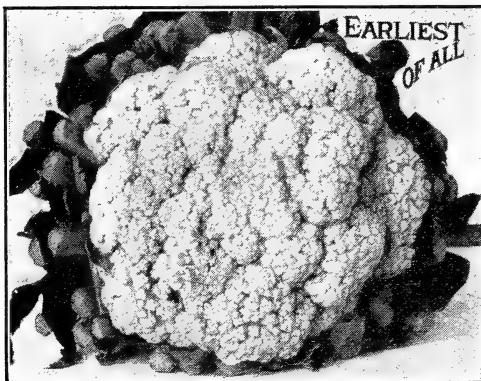
We catalogue the best American and Danish grown Cabbage—see next page for full list.

CABBAGE. Full List.

If ordered by express or freight, deduct 10c per lb. Half-pounds at lb. rates.	By mail postpaid.			
	pkt.	oz.	¼ lb.	lb.
70. ★OLDS' SELECT EARLY JERSEY WAKEFIELD. Best early cabbage.	\$0.05	\$0.15	\$0.45	\$1.65
71. EXTRA EARLY EXPRESS. Earliest of all. Small pointed heads.	.05	.15	.50	1.75
72. LARGE WAKEFIELD or CHARLESTON. About a week later than Jersey Wakefield and about half as large again.	.05	.15	.45	1.60
73. EARLY SPRING. The earliest flat-headed variety.	.05	.15	.40	1.50
74. ★THE VOLGA. A valuable acquisition in the cabbage line.	.05	.15	.50	1.85
75. ★ALLHEAD EARLY. Best all-the-year-round cabbage.	.05	.15	.45	1.60
76. THE HOUSER. A favorite late winter cabbage.	.05	.10	.35	1.25
77. HENDERSON'S SUCCESSION. Second early.	.05	.15	.45	1.60
78. SURE HEAD. All head and sure to head.	.05	.15	.40	1.50
79. OLDS' BRIDGEPORT DRUMHEAD. A select strain.	.05	.15	.40	1.45
80. ALL SEASONS. Good for both early and late.	.05	.15	.70	1.40
81. EARLY SUMMER. A great favorite with market gardeners.	.05	.15	.40	1.35
81½. EARLY FLAT DUTCH. An extra fine second early.	.05	.15	.50	1.80
82. ★PREMIUM LATE FLAT DUTCH. An old favorite variety.	.05	.15	.40	1.50
83. PERFECTION DRUMHEAD SAVOY. The best of all the Savoys.	.05	.15	.45	1.65
84. FOTTLER'S IMPROVED BRUNSWICK. Good both for intermediate and winter use.	.05	.15	.50	1.75
84½. COPENHAGEN MARKET. Earliest round-head variety. Page 41.	.10	.30	1.15	4.50
85. ★OLDS' SELECT DANISH BALL HEAD. The best keeper for winter.	.05	.15	.45	1.65
85½. THE HOLLANDER. Fine for late spring and for shipping.	.05	.15	.50	1.75
86. DANISH SUMMER BALL HEAD. An excellent second early.	.05	.15	.45	1.70
86½. DANISH DARK RED BALL HEAD. Valuable for kraut.	.05	.15	.50	1.85
87. OLDS' DANISH SUREHEADER. Sure to head.	.05	.15	.50	1.80
87½. OLDS' LONG STEM BALL HEAD. The best Danish-grown seed.	.05	.20	.55	2.00
88. FILDERKRAUT. Pointed heads; much used for kraut.	.05	.15	.40	1.45
88½. GLORY OF ENKHINZEN. A new variety. See page 41.	.10	.20	.70	2.50
89. MAMMOTH ROCK RED. Hard-heading; fine for pickling.	.05	.15	.40	1.50
89½. RED DUTCH. A red cabbage for pickling.	.05	.15	.40	1.50

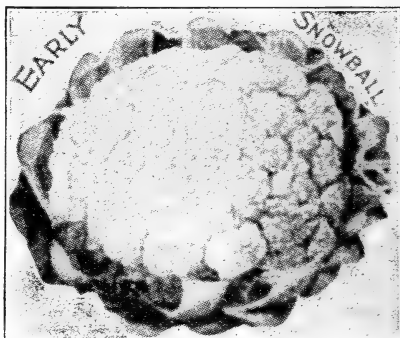
CAULIFLOWER

Our cauliflower seed is grown in Denmark and is the best that can be procured. Each packet contains enough seed to produce 250 plants; from 3 to 4 ounces of seed will furnish plants enough for one acre. Those marked with a star are the varieties we specially recommend. Order by number.



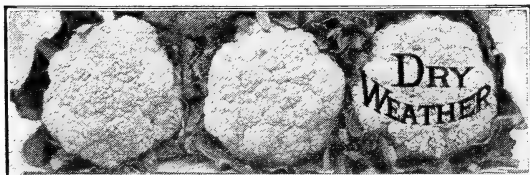
95. **OLDS' EARLIEST OF ALL.** The earliest and quickest growing cauliflower we know of. The plants are of strong growth and produce erect, fine, solid heads—see illustration. It is the best variety for forcing, also desirable for frames and the open ground, where an early market is desired. Pkt., 10c; 2 pkts., 15c; ¼ oz., 25c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.50, postpaid.

94. **AUTUMN GIANT.** One of the finest late varieties. Heads large, compact and thoroughly protected by the leaves. Pkt., 5c; ¼ oz., 15c; oz., 25c; ¼ lb., 95c.



90. **★IMPROVED EARLY SNOWBALL.** We know of no better type of this variety—very early, smooth, rounded heads (see illustration), fine grained, compact and even in size. The Snowball is now the standard variety the country over. Good for either home use or market. Pkt., 10c; 2 pkts., 15c; ¼ oz., 30c; ½ oz., 55c; oz., \$1.00; ¼ lb., \$3.75, postpaid.

91. **EARLY FAVORITE.** This is a fine strain of cauliflower. If you want a good variety at a low price, you will make no mistake in ordering the "Favorite." Pkt., 5c; ¼ oz., 30c; oz., 50c; ¼ lb., \$1.75.



93. **★DRY WEATHER.** The best Cauliflower for every kind of soil. It produces large, solid, pure white heads (see illustration). It matures about a week later than our Improved Early Snowball, and is especially adapted for growing in dry location. Pkt., 10c; 2 pkts., 15c; ¼ oz., 30c; ½ oz., 50c; oz., 90c; ¼ lb., \$3.50, postpaid.

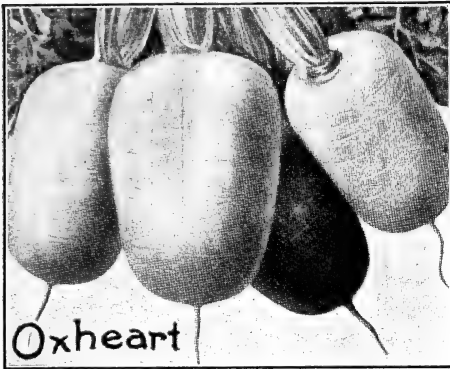
92. **LARGE EARLY ERFURT.** Best for second early, about two weeks later than Early Snowball. Pkt., 10c; 2 pkts., 15c; ¼ oz., 25c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.75, postpaid.

We have cultural directions printed in the form of a vest pocket booklet—a copy is sent with every order for Garden or Flower Seeds.

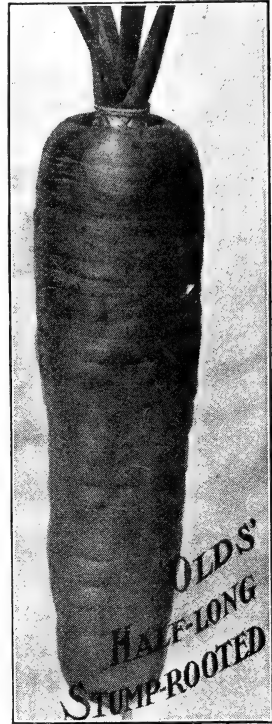
⚡ We can also furnish cabbage and cauliflower plants, in season—see page 68.

CARROT

Our carrot seed is grown from carefully selected roots. Each packet contains ¼ oz. of seed, sufficient for a row 25 feet long. Three pounds will sow an acre in drills 2 feet apart. Two lbs. or more at 5-lb. rates. Vitality of good seed, 80%. Order by number.



108. OLDS' HALF - LONG STUMP ROOTED. For smoothness, even shape, absence of rootlets, small tap root, etc., this carrot is unsurpassed. It is early and one of the best for summer use and the home garden. It is a good keeper and never becomes stringy. It is productive and one of the best carrots we know



of. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.10, postpaid.

101. ★EARLY SHORT TOP. One of the best for family use. It is an attractive stump-rooted variety and one suited for the home garden. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.35, postpaid.

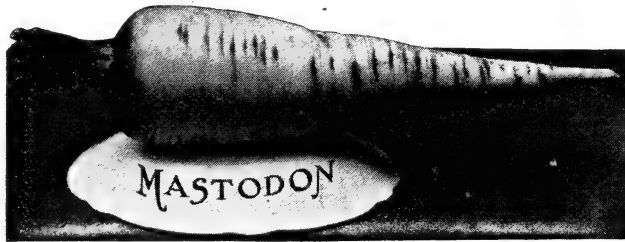
100. ★DANVERS HALF LONG. Stump-rooted, of excellent color and very productive. Easily harvested and a favorite, both for table use and for stock. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c, postpaid.

103. ★OXHEART. The best all-round carrot. Very thick, 5 inches long and nearly as broad, and very blunt at the lower extremities—see illustration above. Equally good for table use or stock. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 95c, postpaid.



102. OLDS' IMPROVED LONG ORANGE. A standard late variety; deep orange color; much improved by selection of the best, forming and deepest colored roots. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c, postpaid.

104. ★EARLY CHANTENAY. Very early, and most profitable of all early carrots. Grows five or six inches long. Used extensively by market gardeners and primarily a table carrot but also profitable for stock. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00, postpaid.



112. THE MASTODON. The heaviest cropper, yielding more tons to the acre than any other carrot. The flesh is white, solid, crisp and very sweet. Easily harvested and well liked by stock. Oz., 10c; ¼ lb., 25c; lb., 85c, postpaid. Not prepaid: 5 lbs., \$3.50.

Good carrot seed is still scarce and prices are higher than two years ago—but the best is always the cheapest.

CARROT. Full List.

If by express or freight, deduct 10 cts. per lb.

	By mail postpaid.			
	pkt.	oz.	¼ lb.	lb.
100. ★DANVERS HALF LONG. A general favorite.....	\$0.05	\$0.10	\$0.25	\$0.75
101. ★EARLY SHORT TOP. One of the best carrots for home use....	.05	.15	.40	1.35
102. OLDS' IMPROVED LONG ORANGE. The standard late variety,	.05	.10	.25	.80
103. ★OXHEART. The best all-round carrot.....	.05	.10	.25	.95
104. ★EARLY CHANTENAY. One of the best early carrots.....	.05	.10	.30	1.00
105. EARLIEST FRENCH FORCING. Used expressly for forcing....	.05	.10	.35	1.20
106. EARLY SCARLET SHORT-HORN. A popular early variety....	.05	.10	.35	1.35
107. INTERMEDIATE OR ST. VALERY. A fine late variety.....	.05	.10	.35	1.15
108. OLDS' HALF-LONG STUMP-ROOTED. One of the best carrots we know of—see illustration and description above.....	.05	.10	.30	1.10
110. LARGE WHITE BELGIAN. A stock carrot; very productive.....	.10	.25	.85	
111. LONG ORANGE BELGIAN. For stock; orange colored roots.....	.10	.25	.95	
112. THE MASTODON. The heaviest cropper.....	.10	.25	.85	

CULTURAL DIRECTIONS FREE.

For several years we printed cultural directions on the backs of packet and ounce bags. We now have them printed in the form of a booklet—a copy of which is sent with every order for Garden or Flower seeds.

CELERY

Celery seed is slow to germinate. Vitality of good seed, 65%. Cover light and keep moist. Our packets each contain enough seed to produce 1,000 plants; 2 oz. of seed sufficient for one acre. Those marked with a star are the varieties we specially recommend. Order by number.



119. **OLDS' NEW ROSE.** The best red celery; of excellent flavor, solid, crisp and stringless. The new rose is a splendid late variety and an excellent keeper. Pkt., 5c; 1/2 oz., 10c; oz., 15c; 1/4 lb., 50c.

120 1/2. **MAGNIFICENT.** A fine late celery; noted for its keeping qualities. The stalks are long and thick—see illustration; very brittle, solid, crisp and when blanched, of a golden yellow color; excellent for winter use. Pkt., 5c; 1/2 oz., 10c; oz., 15c; 1/4 lb., 50c, postpaid.

117. **★GOLDEN SELF-BLANCHING.** The leading early variety. Stalks are broader and heavier than those of White Plume, and superior in quality, while it is only a little later. Our seed is a selected strain. Pkt., 15c; 2 pkts., 25c; 1/2 oz., 50c; oz., 90c; 1/4 lb., \$3.50, postpaid.



115. **WHITE PLUME.** Olds' Select. 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. Not a good keeper, but an excellent sort for fall and early winter use. Pkt., 5c; 1/2 oz., 10c; oz., 15c; 1/4 lb., 45c.

121. **★WINTER QUEEN.** A most desirable winter variety. It will keep late into spring; is beautiful in appearance (see illustration), of close habit and compact growth; ribs perfectly solid and crisp. Pkt., 5c; 1/2 oz., 10c; oz., 15c; 1/4 lb., 40c, postpaid.

✎ We can furnish celery plants, in season—see page 68.

CELERY. Full List.

One pound of any variety at 3 1/2 times the price of 1/4 lb.

	By mail, postpaid.			
	pkt.	1/2 oz.	oz.	1/4 lb.
115. WHITE PLUME. Olds' Select. The earliest celery known.....	\$0.05	\$0.10	\$0.15	\$0.45
116. PINK PLUME. A strong, healthy, compact grower; solid and crisp.....	.05	.10	.15	.50
117. ★GOLDEN SELF-BLANCHING. The leading early variety.....	.15	.50	.90	3.50
118. GIANT PASCAL. Best for fall and winter use. Stalks are very large.....	.05	.10	.15	.40
119. OLDS' NEW ROSE. The best red celery; very solid.....	.05	.10	.15	.50
120. DWARF GOLDEN HEART. A standard variety, grown for market.....	.05	.10	.15	.45
120 1/2. MAGNIFICENT. A late variety; noted for its keeping qualities....	.05	.10	.15	.50
121. ★WINTER QUEEN. A most desirable variety for winter use.....	.05	.10	.15	.40
122. ★SNOW WHITE. A free blancher and not subject to rust.....	.05	.15	.20	.60
123. SILVER SELF-BLANCHING. A white self-blanching celery, combining the grand qualities of Golden Self-Blanching and White Plume....	.05	.15	.25	.75
124. CELERY FOR SEASONING. Good, clean seed.....	.05	.08	.12	.20

CELERIAC.

125. **NEW GIANT PRAGUE.** The largest and best sort grown. Pkt., 5c; oz., 15c; 1/4 lb., 40c., lb., \$1.50, postpaid.

CHICORY.

130. **LARGE ROOTED.** Fine for salads, with oil and vinegar. The roots make a good substitute for coffee. Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 70c, postpaid.

COLLARDS.

132. **GEORGIA.** A Southern cabbage. Large, loose heads. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 65c, postpaid.

CORN SALAD.

133. **LARGE SEEDED.** A fine salad and a good substitute for lettuce. Pkt., 5c; oz., 10c; 1/4 lb., 15c; lb., 50c, postpaid.

GRESS.

134. **EXTRA CURLED.** (Pepper Grass.) The best variety. Every one should sow a little for early spring use. Pkt., 5c; oz., 10c; 1/4 lb., 15c., lb., 45c, postpaid.

QUANTITY OF SEED REQUIRED TO PLANT AN ACRE.

—We find a great variation in the tables given by different seedsmen—which certainly is confusing to those seeking information. The quantity of seed required for an acre, as given by us under each heading, is based upon our own trials, and agrees substantially with Prof. L. H. Bailey, a recognized authority.

SWEET CORN

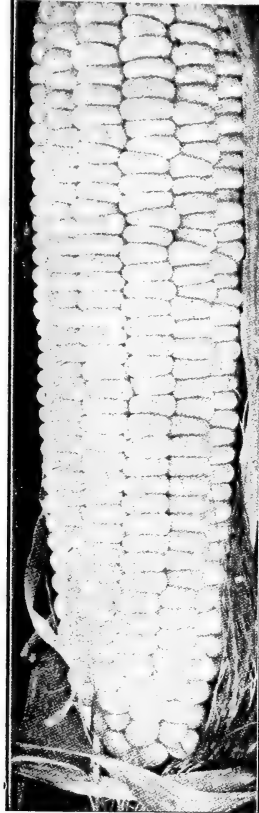
Our Sweet or Sugar Corn is properly cured and first class in every respect. Plant at intervals of two weeks until July. Our packets each contain 1½ ounces, sufficient to plant 20 to 25 hills. One peck will plant an acre in hills. Vitality of good seed, 95%. Order by number. Sweet corn is sold by measure. For prices by express or freight—see page 47.



137. OLDS' IDEAL EARLY. A True Sweet Corn. C. S. Clark, of Wakeman, Ohio, writes: "Your Olds' Early is now 10 days earlier than when we first got it. It is a grand, early, white, pure sweet corn." We offered this corn first in 1907 by sample packet only; since then we have been carefully selecting our stock seed and all the time improving it, until now we think we have the finest variety of sweet corn known to the seed trade today. It withstands drought remarkably well and adapts itself to any kind of soil.

The stalks average six feet in height, producing two and often three good ears to a stalk. The ears are almost as large as those of Stowell's Evergreen (see illustration), of excellent flavor, which combined with its earliness makes it a most desirable corn. It is something wonderful for so early a variety. It has large grains and is very showy. It is a true sweet corn, it sells on any market and is just the corn market gardeners are looking for. Pkt., 5c; pt., 20c; qt., 35c, postpaid.

PEEP O' DAY Earliest on record.

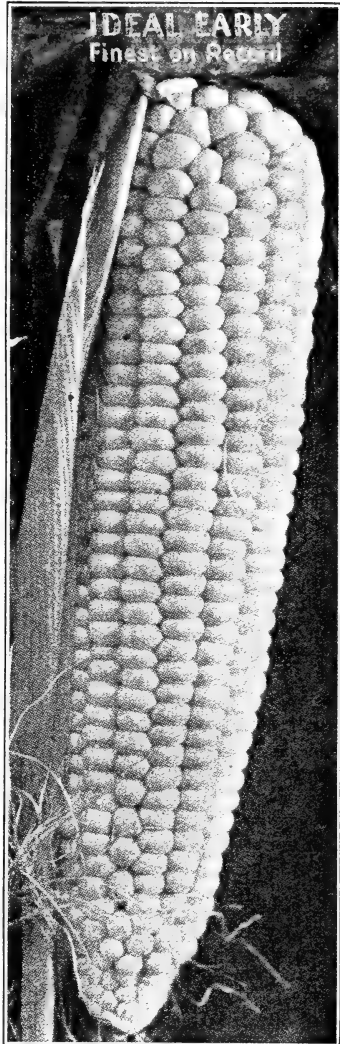


135. PEEP O' DAY. A Good Extra Early. Described as the "earliest on earth." Originated in Minnesota; ears 5 inches long, perfectly formed, and well filled—see illustration. The corn is very tender and sweet. We believe Peep O' Day is the earliest variety of sweet corn yet introduced. Pkt., 5c; pt., 15c; qt., 25c, postpaid.

141. PREMO. Claimed to be the best early sweet corn in cultivation. First introduced in 1900. The Premo is a genuine sweet corn, and not only combines all the good qualities of most of the leading early varieties, but is really superior to many of them in size, quality and appearance. Pkt., 5c; pt., 15c; qt., 25c, postpaid.

142. GOLDEN BANTAM (BURPEE'S). Claimed to be the earliest sweet corn, but with us, planted at the same time as Peep O' Day, Cory and other early varieties, it matured 10 days after Peep O' Day. The Bantam originated in Massachusetts; is a deep yellow in color and very sweet. We have the genuine. Pkt., 5c; pt., 15c; qt., 25c, postpaid.

IDEAL EARLY Finest on Record



145. ★ OLDS' EARLY EVERGREEN. Like Stowell's Evergreen, only ten days earlier. Large ears, about 8 inches long and identical in flavor with the famous Stowell's Evergreen. This new variety is indispensable to the market gardener as a succession to the second earlies. Equally desirable for the home garden. Pkt., 5c; pt., 15c; qt., 25c, postpaid.

R. B. Simpson, Martinsburg, Mo., Mar. 6th, 1912, says: "I can truthfully say your seeds are the best I have ever tried. Last season I tested your seed with seed from three other seed firms and yours came up from 1 to 3 days sooner and the plants were stronger."

146. WHITE EVERGREEN. Like Stowell's Evergreen; pure white. The ears are large, well filled with long, slender grains; fine and sweet and an excellent variety for market gardeners and canners as well as all lovers of good sweet corn. There is no sweet corn more largely planted than Evergreen. All our strains of these varieties are sure to give satisfaction. Pkt., 5c; pt., 15c; qt., 25c, postpaid.

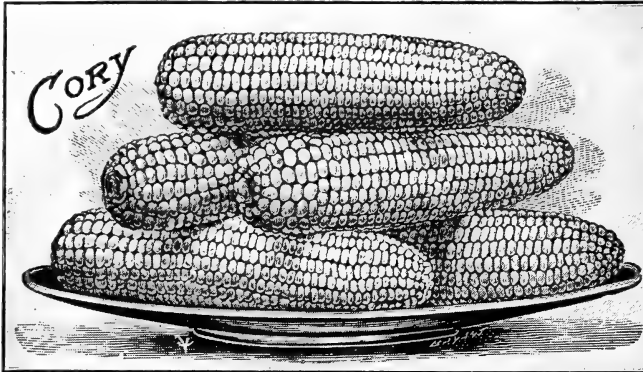
W. E. Dole, Earlville, Ills., Feb. 6th, 1912, says: "I have been a customer of yours for nearly twenty years and have received better seed from you than from any other seedman. Your potatoes, garden seed and seed corn turned out to be true to name and of strong vitality."

If \$5.00 worth of Garden Seeds are wanted, get our Market Gardeners' list before ordering.

THE BEST SWEET CORN FOR SUCCESSION.

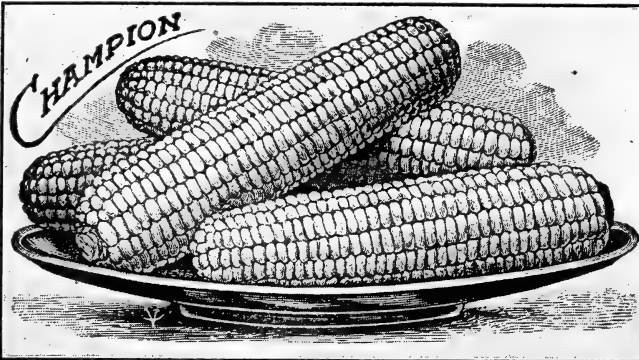
For a succession of sweet corn throughout the entire season plant at the same time: **MAMMOTH WHITE CORY** (136), **EARLY CHAMPION** (139) and **STOWELL'S EVERGREEN** (147).

One pkt. each, 10c; one pt. each, 35c; one qt. each, 65c, postpaid.

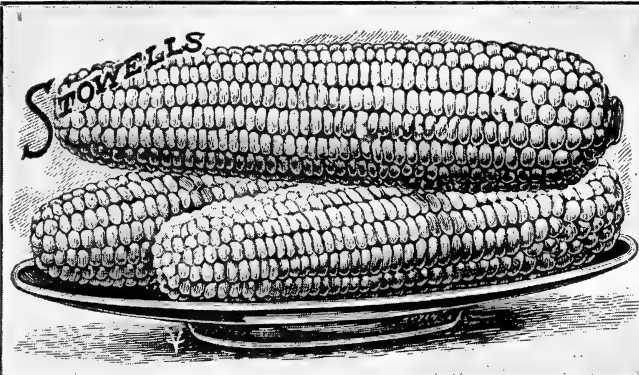


136. MAMMOTH WHITE CORY. A fair size eared early variety; with the exception of Peep O' Day and Golden Bantam, this is the earliest variety on our list. Mammoth White Cory is no later than the old Cory, so famous as the standard extra early, but is 12-rowed instead of 8-rowed, which makes it a much more valuable variety. The grain is large, broad, pure white, and of excellent quality for an extra early. Pkt., 5c; pt., 15c; qt., 25c, postpaid.

STANDARD VARIETIES ARE ALWAYS RELIABLE. See page 34 for a list of our "Wisconsin Standards."



139. ★EARLY CHAMPION. The largest early Sweet Corn. Produces ears twelve inches long. A few days later than the smaller early sorts, and ears nearly as large as the largest late sorts. About five days later than Early Minnesota, with about the largest and most vigorous growth of all varieties tested. Pure white, with white cob; very sweet and tender. If you want but one variety for both early and late, plant Early Champion at intervals of two weeks. Pkt., 5c; pt., 15c; qt., 25c, postpaid.



147. STOWELL'S EVERGREEN. The Best Late Sweet Corn for any purpose. Well known and very popular everywhere. It is a large eared variety, very hardy, productive, sweet and tender, and remains a long time in suitable condition for cooking. Our seed is carefully selected for large ear and deep kernel. Pkt., 5c; pt., 15c; qt., 25c, postpaid.

OUR AIM is to furnish such good seeds that we shall be well advertised in your neighborhood. To secure this result send us an order. We will do the rest.

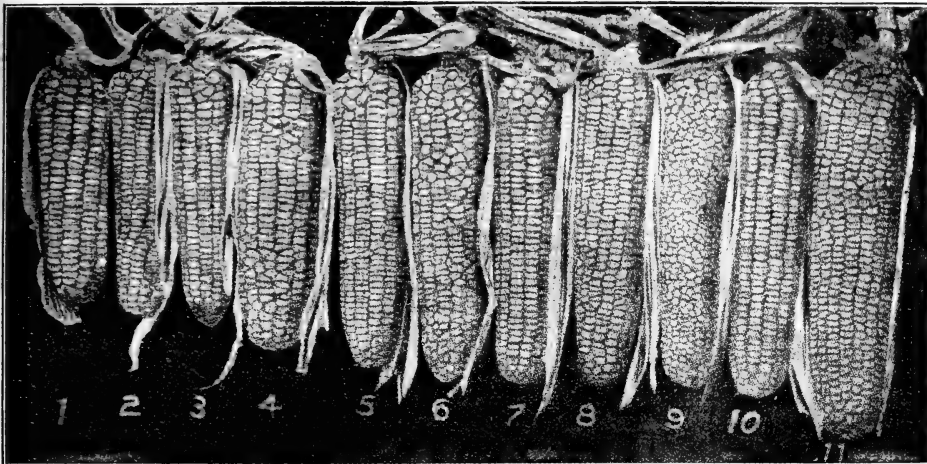


144. ★WHITE MEXICAN. The best early market variety. The White Mexican possesses all the good qualities of the old Black Mexican—just as sweet, with just as fine a flavor—without the objectionable color. It matures early, furnishing edible ears (see illustration) from four to six days later than Cory. We claim the White Mexican and Olds' Ideal will lead all the early sorts on account of size of ear, sweetness and fine flavor. Pkt., 5c; pt., 15c; qt., 25c, postpaid.

149. LATE MAMMOTH. The largest-eared variety. It is of excellent quality, sweet, tender and delicious, and its only fault (if this can be considered a fault) is the immense size of the ears. Pkt., 5c; pt., 15c; qt., 25c, postpaid.

THIS CATALOGUE is mailed without request to old customers. Please notify us of any change of postoffice address.

See next page for bulk prices—by express or freight, not prepaid.



SWEET CORN. Full List.

Pints, half-pecks and half-bushels at qt., pk. and bu. rates.	By mail, postpaid.			By exp. or frt., not prepaid.			
	pkt.	pt.	qt.	qt.	pk.	bu.	
135. PEEP O' DAY. Earliest of all. Fig. 2.....	.05		\$0.15	\$0.25	\$0.15	\$0.90	\$3.50
136. MAMMOTH WHITE CORY. Earliest variety, excepting Peep O' Day and Golden Bantam. Fig. 4.....	.05	.15	.25	.15	.85	3.35	
137. ★OLDS' IDEAL EARLY. The best early sweet corn. Fig. 5 also page 45.....	.05	.20	.35	.20	1.10	4.00	
138. ★EARLY MINNESOTA. A standard early variety. Fig. 7.....	.05	.15	.25	.15	.80	3.00	
139. ★EARLY CHAMPION. The largest eared early sweet corn. Fig. 10.....	.05	.15	.25	.15	.85	3.25	
139½. COUNTRY GENTLEMAN. The sweetest corn grown. Fig. 9.....	.05	.15	.25	.15	.85	3.35	
140. KENDEL'S EARLY GIANT. Large handsome ears.....	.05	.15	.25	.15	.90	3.45	
140½. BLACK MEXICAN. Medium early; sweet and tender.....	.05	.15	.25	.15	.85	3.25	
141. PREMO. Claimed to be the best early sweet corn. Fig. 3.....	.05	.15	.25	.15	.85	3.35	
142. GOLDEN BANTAM. Burpee's. Fig. 1.....	.05	.15	.25	.15	.90	3.65	
143. CROSBY'S EARLY. A favorite with canners.....	.05	.15	.25	.15	.80	2.95	
143½. HICKOX IMPROVED. A popular canning variety.....	.05	.15	.25	.15	.85	3.25	
144. ★WHITE MEXICAN. The best early market variety.....	.05	.15	.25	.15	.80	3.30	
144½. COSMOPOLITAN. A grand second-early variety. Fig. 6.....	.05	.25	.25	.15	1.00	3.75	
145. ★OLDS' EARLY EVERGREEN. Ten days earlier than Stowell's. Fig. 8, and page 45.....	.05	.15	.25	.15	.80	3.10	
146. WHITE EVERGREEN. A new variety. Pure white.....	.05	.15	.25	.15	.85	3.25	
147. STOWELL'S EVERGREEN. The best late sweet corn.....	.05	.15	.25	.15	.80	3.00	
148. ZIG-ZAG EVERGREEN. Large kernels, very sweet.....	.05	.15	.25	.15	.85	3.15	
149. LATE MAMMOTH. The largest eared variety. Fig. 11.....	.05	.15	.25	.15	.85	3.30	

POP CORN AND PEANUTS.

Any boy or girl sending us an order amounting to 25 cents or more, can have a packet of Eed Beauty Pop Corn FREE.

Any boy or girl sending us an order amounting to 50 cents or more can have a packet of Mammoth Peanuts and a packet of Pop Corn FREE. Be sure and ask for them when you order.

POP CORN.

150. OLDS' IMPROVED WHITE RICE. Every grower of pop corn is acquainted with White Rice. It is the most popular variety, and always commands the highest price. Pkt., 5c; pt., 20c; qt., 35c, postpaid. By express or freight, not prepaid: Pt., 15c; qt., 20c; 10 lbs. or more, 7c per lb.

151. QUEEN'S GOLDEN. Largest and most productive variety. Kernels are smooth, handsome, and of a golden yellow color. Pkt., 5c; pt., 20c; qt., 35c, postpaid. Not prepaid: Pt., 15c; qt., 20c; 10 lbs. or more at 7c per lb.

152. RED BEAUTY. A new red rice pop corn; medium-sized ears, with very small cob. It is early; ready for popping in four months from planting, and when popped expands into a large, tender, flake-like puff. Pkt., 5c; pt., 20c; qt., 35c, postpaid. By express or freight, not prepaid: Pt., 15c; qt., 20c.

153. MAPLEDALE PROLIFIC. A very prolific variety. The ears are large, handsome and well filled. It is unsurpassed for popping and has a most delicious flavor. Pkt., 5c; pt., 20c; qt., 35c, postpaid. Not prepaid: Pt., 15c; qt., 20c; 10 lbs. or more, 7c per lb.

PEANUTS.

315. MAMMOTH VIRGINIA. The largest, sweetest and heaviest yielding variety. (See illustration.) Every boy and girl can grow their own peanuts here in the north. Erect stems and upright foliage; more easily cultivated and much more profitable than the common spreading sort. Large pkt., 5c; pt., 15c; qt., 25c, postpaid. By express or freight, not prepaid: Qt., 15c; ½ pk., 45c; pk., 85c.

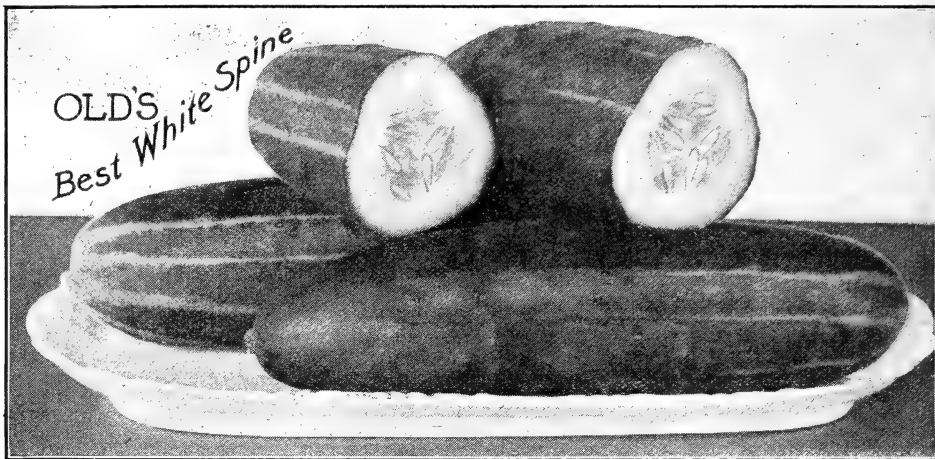
Those marked with a star are the varieties we specially recommend. See page 45, for No. 137.

154. BLUE BEAUTY. A new early pop corn with very large kernels, which when popped expand into large tender flakes; sweet and delicious. Pkt., 5c; pt., 20c; qt., 35c, postpaid. Not prepaid: Pt., 15c; qt., 20c; 10 lbs. or more, 7c per lb.

Order by Number. The number at the left of each variety, if used, will help in filling orders.

CUCUMBER

Our cucumber seed is grown from thoroughbred stocks carefully selected. Our packets each contain $\frac{1}{4}$ oz. of seed; sufficient to plant from 15 to 20 hills; 2 lbs. will plant one acre in hills. Those marked with a star are the varieties we specially recommend. Vitality of good seed, 90%.

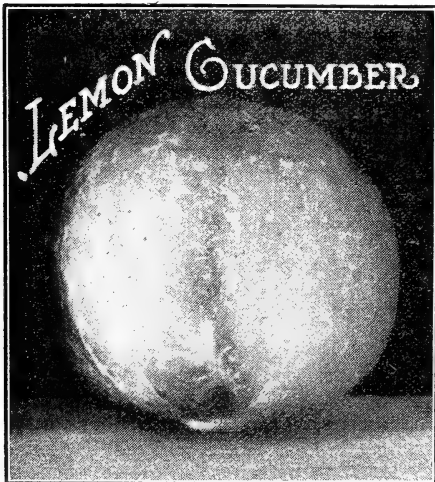
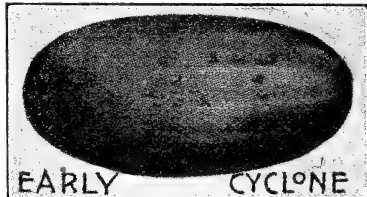


164. **★OLDS' SELECT WHITE SPINE.** This is our best White Spine Cucumber. It is an extra select strain. Almost cylindrical in shape; slightly pointed at the ends—see illustration; very productive, fruits dark green in color and very uniform in shape. Most excellent for slicing and the best variety for both home garden and market. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c, postpaid.

159. **PERFECTED JERSEY PICKLE.** A very strong grower, producing an abundance of slender fruits which make excellent pickles. The skin is quite thin, flesh pure white, solid, crisp and tender. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 70c, postpaid.

168. **★EARLY CYCLONE.** King of the Earliest. Not only the earliest, but also very productive; one of the most desirable of all of the White Spines, being shorter and thicker, and holding its deep green color better than any other early cucumber in cultivation. See illustration. Valuable both for slicing and for pickling. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 70c, postpaid.

157. **FORDHOOK PICKLING.** One of the best and most prolific varieties for medium-sized pickles; vines vigorous, healthy and productive; fruits tender, crisp, and even if allowed to grow to full size, excellent for table use. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c, postpaid.



158. **OLDS' IMPROVED CHICAGO PICKLING.** 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. Also valuable for slicing, fine flavor; never overgrown and seedy. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 55c, postpaid.

172 $\frac{1}{2}$. **LEMON CUCUMBER.** The Garden Lemon. The Lemon Cucumber resembles a lemon in shape, color and size, but grows on a vine like a cucumber. It has a thin skin, is crisp, tender, sweet and fine flavored—see illustration. We are safe in predicting the Lemon Cucumber will become a great favorite for slicing, or pickles. The best time for pickling is just as it turns yellow. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00, postpaid.

162. **COOL AND CRISP.** An early variety; very prolific. It has a dark green skin and is covered with knobs upon which the spines set; this gives it a fine appearance for pickling. It is also a fine table variety; tender and crisp. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 70c, postpaid.

Use Bug Death on cucumber and other vine crops—sure death to striped bugs. Page 83.

Cultural Directions in the shape of a vest pocket booklet free.

If you have anything new that is good, write us about it. Better yet, send us a photograph of it. We will pay the cost of the photograph and if we can do so will use it.

By mail is the easiest way to order seeds—Ours the easiest catalogue to order from.



162½. **KLONDIKE.** A new variety, dark green in color and most excellent for slicing. The vines are vigorous and productive. The fruits when mature are about eight inches long, uniform in shape and blunt at the ends—see illustration. The Klondike is an early variety, hardy and prolific, attractive in appearance and retaining the rich dark green color and crispness for a long time. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c, postpaid.

163. **★CUMBERLAND.** The best pickling cucumber known; very prolific, with few seeds, and fine for both slicing and pickling. The Cumberland is a rapid, strong grower, producing fruit very straight and symmetrical in form (see illustration). The flesh is firm, crisp and tender at all stages. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c, postpaid.

160. **EXTRA EARLY WHITE SPINE.** An extra early white spine; popular and a favorite with everyone. Unsurpassed for table use; also used for pickling; very productive. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 55c, postpaid.

169. **★DAVIS PERFECT.** Unequaled for color, shape and productiveness (see illustration). Mr. Eugene Davis, the originator, also the originator of Grand Rapids Lettuce and Davis White Wax Bean, says: "I have been experimenting for several years and have at last succeeded in fixing a perfect type, combining quality, shape, color and productiveness. The quality is fine, very tender and brittle and with very few seeds; altogether an exceptionally fine table variety." Our seed is from extra select stock. Pkt., 5c; oz. 10c; ¼ lb., 25c; lb., 75c, postpaid.

165. **OLDS' IMPROVED LONG GREEN.** One of the best for pickles and salad. The young fruit makes excellent pickles, and when ripe is the best for sweet pickles. Vines vigorous and productive. Fruits long, firm and crisp. This variety is a very popular one, and the seed we offer is an improved strain. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c, postpaid.

173. **PARISIAN PICKLING.** A distinct variety; producing small cucumbers, which make very attractive pickles—see illustration. The vines are vigorous and productive. The fruit should be gathered when small, in order to preserve its peculiar appearance, as it becomes smoother when approaching maturity. A hardy variety, deep green in color; flesh white, firm and brittle. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c, postpaid.

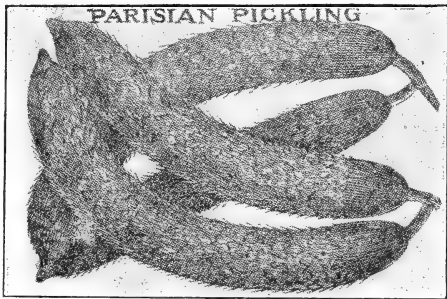
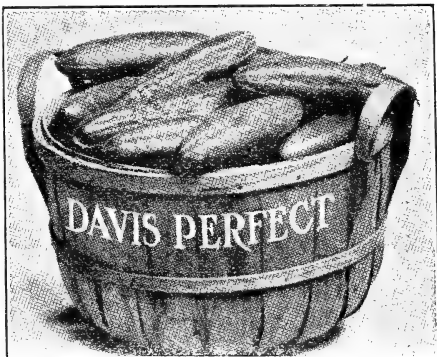
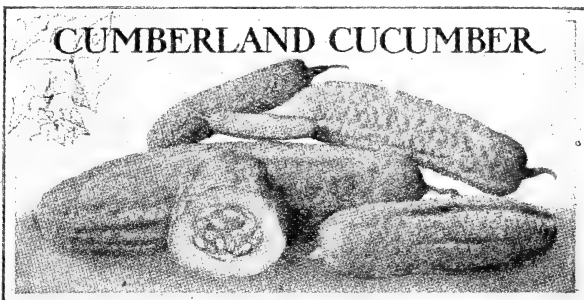
171. **WEST INDIA GHERKIN.** A very prolific variety; used exclusively for pickling. The fruits are two to three inches in length, thick and rounded in form and closely covered with spines. Vines rather slender, with small foliage, but of strong growth. This variety is highly prized for small pickles. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 95c, postpaid.

It will pay to try some of Olds' Wisconsin Standards—see page 34.

B. F. Sawyer, of Waupun, Wis., Oct. 23rd, 1911, says: "I am harvesting my cabbage and I find the heads grown from your Danish Ball-head seed better than those grown from seed I had from other seed houses. I also planted a half acre with your Oxheart carrot and harvested nearly 700 bushels."

Geo. M. Breakey, Alma Center, Wis., Sept. 23rd, 1912, says: "We planted your select Danish Ball-head cabbage and had a splendid stand of plants. I think every seed grew while seed from other sources was very bad. Our prospects for a good crop are very good."

See next page for full and complete list of cucumbers.



CUCUMBER. Full List.

If ordered by express or freight, deduct 10c per lb. Half-pounds at lb. rates.		By mail, postpaid.			
		pkt.	oz.	¼ lb.	lb.
155.	EARLY FRAME. An old and most popular variety; very productive	\$0.05	\$0.10	\$0.20	\$0.60
156.	EARLY GREEN CLUSTER. Fine for small pickles.	.05	.10	.20	.60
157.	FORDHOOK PICKLING. One of the best and most prolific	.05	.10	.20	.65
158.	OLDS' IMPROVED CHICAGO PICKLING. Page 48.	.05	.10	.20	.55
159.	PERFECTED JERSEY PICKLE. Excellent for pickles.	.05	.10	.25	.70
160.	EXTRA EARLY WHITE SPINE. Useful for pickling, also table use.	.05	.10	.20	.55
161.	ARLINGTON WHITE SPINE. A fine strain of White Spine.	.05	.10	.20	.60
162.	COOL AND CRISP. Extra early, excellent for pickling or slicing.	.05	.10	.25	.70
162½.	KLONDIKE. The best dark green variety for slicing. Page 49.	.05	.10	.20	.65
163.	★ CUMBERLAND. The best pickling cucumber known.	.05	.10	.20	.65
164.	★ OLDS' SELECT WHITE SPINE. Our best White Spine.	.05	.10	.25	.75
165.	OLDS' IMPROVED LONG GREEN. One of the best for pickles.	.05	.10	.20	.65
166.	THORBURN'S EVERBEARING. A continuous bearer.	.05	.10	.20	.65
167.	LIVINGSTON'S EMERALD. Large, smooth, and deep green.	.05	.10	.20	.65
168.	★ EARLY CYCLONE. King of the Earliest	.05	.10	.20	.70
169.	★ DAVIS PERFECT. Unequaled for color, shape and productiveness	.05	.10	.25	.75
170.	JAPANESE CLIMBING. Can be trained upon a trellis or poles.	.05	.10	.25	.80
171.	WEST INDIA GHERKIN or BURE. Small prickly fruits.	.05	.10	.25	.95
172.	GIANT PEAR. Large, long, smooth; flesh clear, crisp and tender.	.05	.10	.25	.90
172½.	LEMON. The Garden Lemon. Crisp and tender. Page 48.	.05	.15	.30	1.00
173.	PARISIAN PICKLING. A distinct variety. Page 49.	.05	.10	.25	.85
174.	OLDS' MIXED. Cucumbers the entire season.	.05	.10	.15	.45

EGG PLANT.

Egg plant is easily cultivated, but should not be transplanted until the weather is assured. We can furnish plants in season—see page 68. Our packets each contain seed sufficient to produce from 100 to 150 plants. ¼ lb. will furnish plants enough to set one acre.

180. **NEW YORK IMPROVED.** Very large, smooth and spineless. Pkt., 5c; ½ oz., 15c; oz., 20c; ¼ lb., 65c.

181. **★BLACK BEAUTY.** The best early market variety. Also the best for home use. It is fully ten days earlier than the New York Improved, very attractive in appearance (see illustration), and entirely spineless. The fruits set freely and develop quickly, so that the entire crop can be gathered before frost. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 75c, postpaid.

ENDIVE.

185. **GREEN CURLED.** A refreshing salad. Can be used all through the fall and winter. Pkt., 5c; oz., 10c; ¼ lb., 20c.

186. **WHITE CURLED.** Leaves finely cut and almost white; needs no blanching. Pkt., 5c; oz., 10c; ¼ lb., 15c, postpaid.

USEFUL GOURDS.

190. **JAPANESE NEST-EGG.** These resemble hens' eggs in color, form and size; they make the very best nest eggs. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c, postpaid.

191. **SUGAR TROUGH.** Useful for many household purposes. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c, postpaid.

192. **THE DIPPER.** Pkt., 5c; oz., 10c; ¼ lb., 25c postpaid.

193. **HERCULES CLUB.** Ornamental as well as useful. Pkt., 5c; oz., 10c; ¼ lb., 25c, postpaid.

194. **ORANGE.** The size and shape of an orange. Pkt., 5c; oz., 10c; ¼ lb., 25c, postpaid.

195. **PEAR-SHAPED.** Striped yellow and green. Pkt., 5c; oz., 10c; ¼ lb., 25c, postpaid.

196. **APPLE-SHAPED.** Beautifully striped. Pkt., 5c; oz., 10c; ¼ lb., 30c, postpaid.

199. **MIXED.** All the above and other varieties mixed. Pkt., 5c; oz., 10c; ¼ lb., 20c.

KALE OR BORECOLE.

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

200. **DWARF GERMAN.** Very hardy, with dark green leaves; much improved by frost.

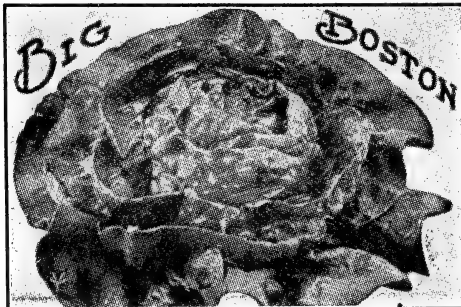
201. **DWARF CURLED SCOTCH.** Dwarf beautifully curled, bright green and very hardy.

KOHL RABI. TURNIP CABBAGE.

Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

205. **EARLY WHITE VIENNA.** Probably the best variety. Early and tender.

206. **PURPLE VIENNA.** A popular variety for table use.

**LETTUCE**

Our lettuce seed is grown by the most careful seed growers in California. Our packets each contain ¼ oz. of seed, sufficient for from 25 to 30 feet of drill; 3 lbs. will seed one acre. Vitality of good seed 95%. Order by number.

222. **BIG BOSTON.** The best large-heading variety; suitable for forcing. It produces fine, large, yellow heads—see illustration. The leaves are white, crisp, tender and sweet. Pkt., 5c; oz., 10c; ¼ lb., 18c, postpaid.

219. **BLACK-SEEDED SIMPSON.** The most popular loose leaf variety; crisp and tender. It grows a fine green leaf, the inner leaves forming a loose head; very tender and crisp. The most desirable all-around lettuce. Pkt., 5c; oz., 10c; ¼ lb., 15c, postpaid.

For the best variety of LEEK—see page 55



215. **★OLDS' EARLIEST FORCING.** (Grand Rapids.) The best variety for forcing. It does not form heads, but makes a rapid, upright growth of loose leaves. Very crisp, tender and delicious. Useful for outdoor planting. Pkt., 5c; oz., 10c; ¼ lb., 18c, postpaid.

220. **★EARLY PRIZE HEAD.** A splendid lettuce for home use—see illustration. It forms a large, tender, crisp, loose-leaf head of bright crimped leaves tinged with brownish red; remains good throughout the entire season. Pkt., 5c; oz., 10c; ¼ lb., 18c, postpaid.

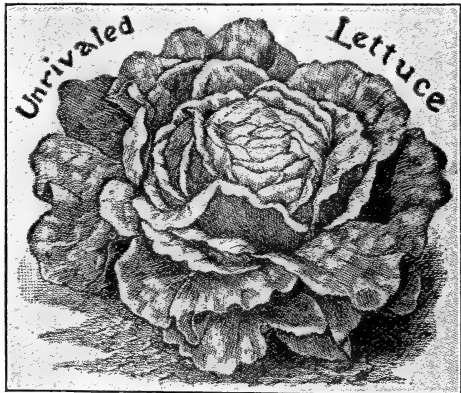


226. **OLDS' GOLDEN QUEEN.** One of the best first early varieties. It is a head lettuce, but also makes a good forcing sort, producing medium-sized, golden-yellow heads, solid, crisp and tender. Pkt., 5c; oz., 10c; ¼ lb., 20c, postpaid.

223. **★UNRIVALED.** This new lettuce comes nearer combining all the qualities required by a market gardener than any other sort we know of. It is early, large (see illustration), attractive in color, and resists the summer heat. It can be sown almost the whole year round, and is crisp and tender. Pkt., 5c; oz., 10c; ¼ lb., 22c, postpaid.

227. **★MAY KING.** The best early-heading variety. The inner leaves are tightly folded, of good substance and a rich yellow color. It is hardy, early and a quick grower. Pkt., 5c; oz., 10c; ¼ lb., 18c, postpaid.

For larger quantities see our market gardeners' net price list before ordering.



LETTUCE. Full List.

Mail, postpaid.

One pound of any variety at 3½ times the price of ¼ lb.; ½ pounds at lb. rates	pkt.	oz.	¼ lb.
215. ★OLDS' EARLIEST FORCING (Grand Rapids). The best forcing variety.	\$0.05	\$0.10	\$0.18
216. ICEBERG. Solid heads, with leaves always crisp and tender.	.05	.10	.20
217. IMPROVED HANSON. Heads solid, crisp and tender.	.05	.10	.18
218. IMMENSITY. A new variety, large and heat-resisting.	.05	.10	.20
219. BLACK-SEEDED SIMPSON. A popular variety; crisp and tender.	.05	.10	.15
220. ★EARLY PRIZE HEAD. Splendid for family use.	.05	.10	.18
221. EARLY CURLED SIMPSON. Fine for cutting, and for home use.	.05	.10	.20
222. BIG BOSTON. The best large-headed variety for forcing.	.05	.10	.18
223. ★UNRIVALED. It is early, attractive and resists heat.	.05	.10	.22
224. WONDERFUL. Large heads of fine quality; crisp, rich and tender.	.05	.10	.18
225. CALIFORNIA CREAM BUTTER. Extra fine	.05	.10	.18
226. OLDS' GOLDEN QUEEN. One of the best first early varieties.	.05	.10	.20
227. ★MAY KING. The best early-heading variety.	.05	.10	.18
228. ALL THE YEAR ROUND. One of the best varieties for market. See cut.	.05	.10	.20
229. OAK LEAVED. Light green, in shape like an oak leaf.	.05	.10	.20
230. TILTON'S WHITE STAR. A distinct variety of Black-Seeded Simpson.	.05	.10	.20
231. PARIS WHITE COS Produces long, pointed heads; compact leaves.	.05	.10	.25
234. OLDS' LETTUCE MIXTURE. Salad throughout the whole season with one sowing. Lb., 35c.		.05	.10

OLD LETTUCE SEED FOR BIRDS. Lb., 30c, postpaid. Not prepaid: 5 lbs. or more, 20c per lb.

Mrs. D. B. Strader, of Augusta, Wis., April 20th, 1911, writes: "The seeds I ordered came very prompt and I am more than pleased with them. I don't see how you can give such large packets for the money."

Orders to go by mail are filled the same day as received. Freight and express orders are acknowledged at once and shipped as soon as possible.

D. W. Farrier, of Hillman, Mich., April 12th, 1911, writes: "I can recommend your seeds to anyone as I have used them for three years, and always have an excellent garden."

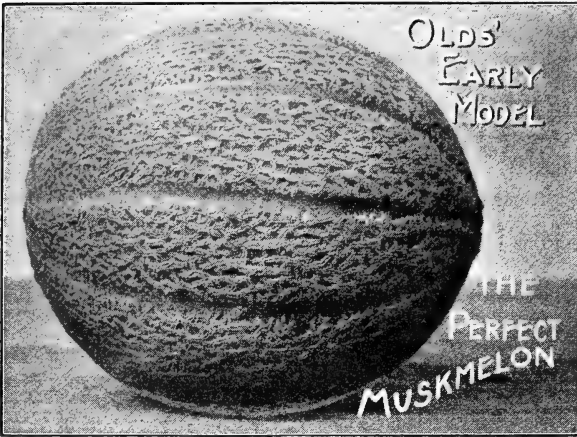
Good crops can be grown only from good seeds. Order \$1.00 worth of packets and ounces and remit 75 cents—see page 33.

See our new Watermelon—page 53.

We test our seeds for germination before sending them out. A record is kept of each test and a stock letter stamped on every package. By referring to this stock letter and number we can tell the germinating percentage of any particular lot of seed. Will furnish this on request.

MUSKMELON

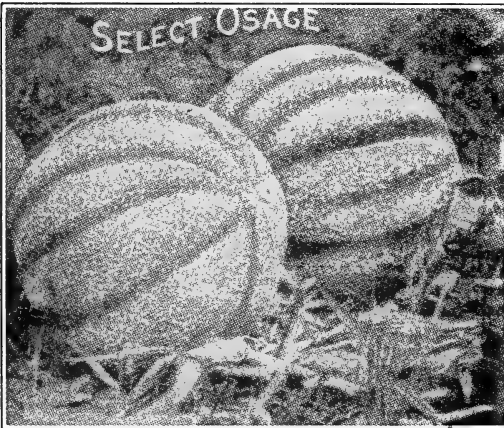
Our Muskmelon Seed is the best that can be grown. Each packet contains $\frac{1}{4}$ oz. of seed, enough to plant from 15 to 20 hills; 2 to 3 lbs. will plant one acre in hills. Those marked with a star are the varieties we specially recommend. Vitality of good seed 90%. Order by number. See our market gardeners' net price list, for prices on larger quantities—free on request.



245. **OLDS' EARLY MODEL.** The Model averages about two pounds in weight; is perfect in shape. See illustration from a photograph of a specimen grown on our trial grounds. It is very productive and possesses all the good qualities of the Rocky Ford. The flesh is green, seed cavity small with few seeds. It bears transportation well and on account of its size and shape, will bring fancy prices in any market. The flesh is firm and flavor unexcelled. The vines grow fast and during dry weather do not lose their strength, but upon the coming of rain respond quickly. The Model is just the melon for market and the home garden. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c, postpaid. Not prepaid: 2 lbs. or more at 60c per lb.



239. **★OLDS' SELECT OSAGE.** The most popular melon among our customers—just right for the home garden. The shape is pointed oval, skin slightly netted (see illustration), with thick salmon-colored flesh, retaining its sweetness close to the rind. Our seed is from selected stock seed. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 55c, postpaid.



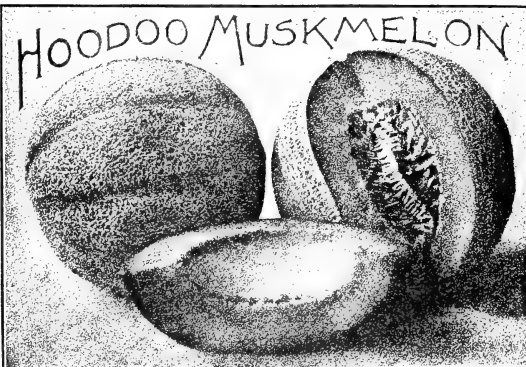
236. **EXTRA EARLY HACKEN-SACK.** Ten days earlier and also larger than the old Hackensack. Flesh light green and excellent in flavor; one of the best market varieties. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c, postpaid.

238. **EMERALD GEM.** One of the sweetest melons in cultivation; smooth skin, deep salmon-colored flesh; early and prolific. On account of its fine quality this is one of the best melons for the home garden. Pkt., 5c; oz., 10c, $\frac{1}{4}$ lb., 20c; lb., 60c, postpaid.

243. **★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. The flesh is red or salmon-colored and exceedingly sweet and highly flavored. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 70c, postpaid.

247. HOODOO MUSKMELON.

A good all-purpose melon; well adapted to the home garden. The vines make a strong and vigorous growth and are very productive. The melons are of a convenient size for the table and make a handsome appearance. The flesh is of a rich, deep orange color, fine grained and very sweet. The seed cavity is small and the rind and flesh at the blossom end firm and solid—see illustration. Choice genuine seed: Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c, postpaid.



242. **BURRELL'S GEM.** The golden fleshed Rocky Ford. The Burrell's Gem, which is an improved Rocky Ford, averages 2 lbs. in weight, 6 inches in length and $4\frac{1}{2}$ inches across. It is very solid and has a small seed cavity. The flesh is golden in color, very thick, fine-grained and spicy. An abundant yielder and a good shipper. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c, postpaid.

CULTURAL DIRECTIONS in the shape of a vest pocket booklet free.



Be sure and take advantage of our liberal CASH DISCOUNTS. See page 33.

243½. **FORDHOOK.** A new melon, which equals the Emerald Gem in flavor. It is firm, nicely netted, with thick, solid salmon-colored flesh. Quite early, vigorous in growth and very prolific. The melons are even in size and good shippers. They make a very fine appearance and will command a good price in any market. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 70c, postpaid.



244. ★**OLDS' ROCKY FORD** or **NETTED GEM.** The melon that has made Rocky Ford famous. The Rocky Ford is probably in greater demand than any other one melon, and much seed of this variety is offered every year at a low price, by careless growers. Our seed is carefully grown from selected stock seed. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

MUSKMELON. Complete List.

	By mail postpaid.			
	pkt.	oz.	¼ lb.	lb.
If ordered by express or freight, deduct 10c per lb.; ½ lb. at pound rates.				
235. CHICAGO MARKET. Early, of uniform size; green-fleshed.....	\$0.05	\$0.10	\$0.20	\$0.60
236. EXTRA EARLY MACKENSACK. Earlier and larger than the old Hackensack. One of the best market varieties.....	.05	.10	.20	.60
237. BURPEE'S NETTED GEM. Early; small, round and of fine flavor..	.05	.10	.20	.65
238. EMERALD GEM. One of the sweetest melons in cultivation.....	.05	.10	.20	.60
239. ★OLDS' SELECT OSAGE. The most popular melon with our customers	.05	.10	.20	.55
240. MONTREAL NUTMEG. A large, late variety, of superior quality..	.05	.10	.20	.65
241. CHAMPION MARKET. As early as Netted Gem; large and prolific..	.05	.10	.20	.65
242. BURRELL'S GEM. The golden-fleshed Rocky Ford.....	.05	.10	.20	.65
243. ★PAUL ROSE or PETOSKEY. Salmon-colored flesh, very sweet....	.05	.10	.25	.70
243½. FORDHOOK. A handsome, new melon; very prolific.....	.05	.10	.25	.70
244. ★OLDS' ROCKY FORD or NETTED GEM. The melon that has made Rocky Ford, Colo., famous.....	.05	.10	.20	.60
245. ★OLDS' EARLY MODEL. The perfect muskmelon; withstands drought.	.05	.10	.25	.75
246. MAMMOTH GIANT. The largest good muskmelon grown.....	.05	.10	.20	.60
247. HOODOO MUSKMELON. A good all-purpose melon; page 52.....	.05	.10	.20	.65
248. GREEN-FLESHED OSAGE. Very hardy and prolific.....	.05	.10	.20	.65
248½. BANANA. A delicious melon, shaped and flavored like a banana..	.05	.10	.25	.70
249. OLDS' MIXED. A selection of varieties grown separately and the seed mixed together. Will produce melons throughout the whole season..	.05	.10	.15	.45
250. MANGO MELON. Vegetable Orange or Vine Peach.....	.05	.10	.25	.70

WATERMELON

Our Seed is saved from melons grown exclusively for seed, and by seed-growers of experience. Our packets each contain ¼ oz. of seed, sufficient to plant from 10 to 15 hills; 3 to 5 lbs. will plant one acre in hills. Those marked with a star are the varieties we specially recommend.

Two pounds or more at 5 pound rates. For larger quantities, see our market gardeners' net price list—free on request.

273. **HALBERT HONEY.** A fine melon for the home garden. It is large, attractive, oblong in shape; rind dark green; flesh crimson; very sweet and tender. The vines grow quickly, and melons ripen even in the northern states. It is not a good shipper, but it is, probably, the sweetest melon yet introduced. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c, postpaid.

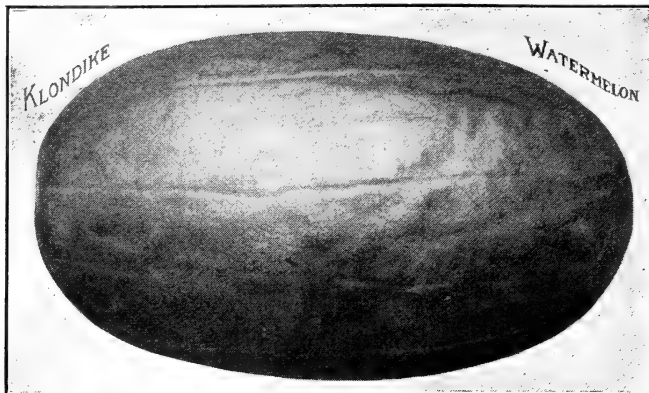
274. **HUNGARIAN HONEY.** A superb melon and one of the sweetest in cultivation. It is of medium size and very hardy. The color is dark green; flesh bright red, sweet as honey and of the finest flavor. Altogether this is one of the most satisfactory melons grown and should be in every home garden. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 55c, postpaid.

NEW BRAZILIAN WATERMELON.



268½. The prize melon, absolutely new—give it a trial. Pkt. (¼ oz.), 10c; 2 pkts., 15c, or order anything from this catalogue amounting to \$1.00 or more and we will give free, on request, a packet containing ½ oz. of seed.

If you have anything new that is good write and send us a photo of it.



270½. KLONDIKE. The sweetest melon grown. A new introduction of great merit—see illustration. This melon is offered with the assurance that it is not only very prolific and extremely early but as sweet and melting as any variety grown. The seeds are only one-half as large as in other melons; rind thin and on this account it is not a good shipper, but is just the melon for home use and local sale—try it. It remains good a long time after picking and will ripen in the North. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid.

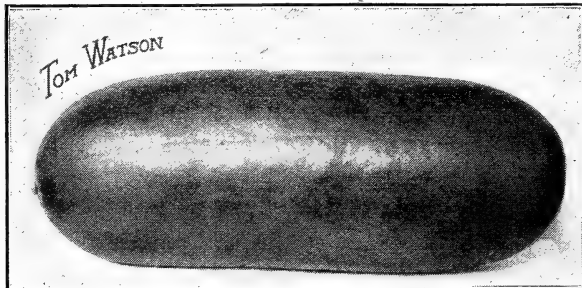


265. OLDS' 1908 MELON. (Chilian). This melon is now acclimated and is the melon for profit to the grower and to the dealer, as well as being most delicious to the consumer. Martin Eisle, of Gramont, Ill., says: "I got about 50 melons from the small packet of seed you sent me and some of them measured 12 inches through. They are as fine a melon as I ever ate; very sweet and have a fine flavor." It is very attractive, quite large, nearly round with a dark green rind; the flesh is light red, solid, sweet and melting. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid. Cultural directions in the shape of a small booklet with every order.

262. ★COLE'S EARLY. A fine, extra early melon, of medium size, almost round in shape, mottled with various shades of green; very sweet, tender and delicious; adapted to our locality. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 45c, postpaid. Not prepaid: 2 lbs. or more at 30c per lb.

270. ★KLECKLEY SWEETS. One of the finest melons for home use; handsome in appearance; flesh bright scarlet, crisp and tender. With us these melons ripen early. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 45c, postpaid. Not prepaid: 2 lbs. or more at 30c per lb.

267. ★ICE CREAM PEERLESS. A standard home melon. Extra early, sweet, of good size and very productive; flesh bright scarlet, solid to the center, melting and delicious. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 45c, postpaid. Not prepaid: 2 lbs. or more at 30c per lb.



271½. TOM WATSON. The New Watermelon. Although the Watson is comparatively a new melon it is a success. It is a large, oblong melon (see illustration), quite distinct from other varieties. The flesh is deep red, crisp, melting and of the finest flavor. It is a most excellent shipper and this feature added to its fine quality and handsome appearance makes it in every way very valuable. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid.

WATERMELON. Full List.

If ordered by express or freight, deduct 10c per lb.; ½ lb. at pound rates.	By mail postpaid.			
	pkt.	oz.	¼ lb.	lb.
260. WONDERFUL SUGAR. (McIver's.) A leading melon of the day; handsome in appearance; very productive, sweet and luscious.	\$0.05	\$0.10	\$0.15	\$0.45
261. SWEET HEART. The best long shipper. Large oval, flesh bright red, solid, tender and sweet.	.05	.10	.15	.50
262. ★COLE'S EARLY. A very early melon; just right in size and shape.	.05	.10	.15	.45
263. FORDHOOK EARLY. The earliest large melon; a good shipper.	.05	.10	.15	.50
264. KOLB'S GEM. A well-known shipper. Large and a heavy yielder; bright red flesh of very good quality.	.05	.10	.15	.45
264½. DARK ICING. Skin dark green; flesh sweet and melting—the trucker's favorite.	.05	.10	.15	.45
265. OLDS' 1908 MELON. Promises to be the most profitable melon for the grower and dealer, as well as best for the consumer.	.05	.10	.20	.60
266. DUKE JONES. An excellent shipper; flesh red, sweet and juicy.	.05	.10	.15	.45
266½. LIGHT ICING. Skin light green; flesh red, crisp and sweet.	.05	.10	.15	.45
267. ★ICE CREAM, or PEERLESS. A standard home variety.	.05	.10	.15	.45
268. JONES' JUMBO. Round, of large size, and of extra good quality.	.05	.10	.15	.45
268½. BRAZILIAN. Sweet, luscious and attractive. Page 53.	.10	.10	.15	.45
269. GIRARDEAU'S TRIUMPH. Large, prolific and sweet. A good shipper.	.05	.10	.15	.45
270. ★KLECKLEY SWEETS. One of the finest melons yet introduced.	.05	.10	.15	.45
270½. KLONDIKE. The sweetest melon grown—try it.	.05	.10	.20	.60
271. ★ALABAMA SWEET. A new early maturing melon.	.05	.10	.15	.45
271½. TOM WATSON. A new Watermelon. Description above.	.05	.10	.15	.50
272. BLACK DIAMOND. A new melon—large and productive; a good shipper; flesh rich, red, thick, firm and sweet.	.05	.10	.15	.50
273. HALBERT HONEY. A new melon; one of the best for the home garden.	.05	.10	.15	.50
274. HUNGARIAN HONEY. A superb melon and one of the sweetest.	.05	.10	.20	.55
275. PRESEVING CITRON. Colorado Preserving. The most desirable.	.05	.10	.20	.55
277. MIXED. Will produce choice melons throughout the whole season.	.05	.05	.10	.30

WE TRY TO PLEASE. If we do not, tell us—if we do, tell your friends about us.

LEEK.

Leeks are valuable for soups and salads; they may also be sliced and cooked like green peas.

210. **AMERICAN FLAG.** A strong-growing variety; large, thick stems; sweet and delicious, when properly cooked. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c, postpaid.

HERBS.

The following medicinal herbs are so well known they need no special description. What is more healthful than Fennel, Sage or Anise tea? Herbs are also much used for flavoring; very desirable for an unused corner of the garden.

- 480. Anise Pkt. 5c, oz. 10c.
- 481. Balm Pkt. 5c, oz. 15c.
- 483. Caraway Pkt. 5c, oz. 10c.
- 485. Dill Pkt. 5c, oz. 10c.
- 486. Fennel, Sweet Pkt. 5c, oz. 10c.
- 487. Horehound Pkt. 5c, oz. 15c.
- 488. Lavender Pkt. 5c, oz. 10c.
- 489. Marjoram, Sweet Pkt. 5c, oz. 10c.
- 490. Rosemary Pkt. 5c, oz. 15c.
- 492. Sage Pkt. 5c, oz. 10c, ¼ lb. 25c.
- 493. Summer Savory Pkt. 5c, oz. 10c.
- 494. Winter Savory Pkt. 5c, oz. 15c.
- 496. Thyme Pkt. 5c, oz. 15c.
- 498. Wormwood Pkt. 5c, oz. 15c.
- 499. Mixed (all the above) Pkt. 5c.

SAGE, Holt's Mammoth, Plants only, 15c each; 2 for 25c.

TARRAGON, Plants, 20c each; 3 for 50c.

MUSTARD.

255. **BLACK OR BROWN.** Pkt., 3c; oz., 5c; ¼ lb., 10c; lb., 30c, postpaid.

256. **NEW WHITE CHINESE.** Leaves tender and delicious. Pkt., 3c; oz., 5c; ¼ lb., 10c.

257. **NEW MONSTROUS.** A new thick-leaved variety. Pkt., 5c; oz., 10c; ¼ lb., 15c.



MUSHROOM.

Pure Culture Spawn.

Repeated trials have demonstrated that the Pure Culture Spawn is far superior to spawn that is imported; and when once used no other is wanted. It costs more than the imported, but the results show it is by far the cheaper. A brick weighs 1-1.3 lbs. Cultural directions free with every order.

One brick, 35c; 3 bricks (4 lbs.), \$1.00, postpaid. Not prepaid: 1 brick, 20c; 3 bricks, 50c.

A 35 cent, 43 page illustrated book on Mushroom Culture and Pure Culture Spawn, for 25c, postpaid, or free with an order of 3 bricks or more.

OKRA.

278. **WHITE VELVET.** Very productive and superior in flavor and tenderness to any other variety. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 40c, postpaid.

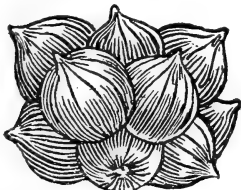
ONION SETS

Many prefer to grow onions from sets, as they are less trouble and are ready for use earlier than those grown from seed. Our sets this year are very nice and just the right size. One quart will plant a row 50 feet long. 10 bus. will plant one acre. Bottom Sets are grown from seed and are the most used. Top Sets are still much called for in some sections. Egyptian or Perennial may be set either in spring or fall. They come up early in spring without any protection and furnish the earliest onions. White Multipliers are fine for bunching green. Bottom Sets and Multipliers, bu., 32 lbs., Top Sets, bu., 28 lbs. Bushel prices are subject to market changes.

VARIETIES MOST CALLED FOR.

If larger quantities are wanted, write for special prices.

	By mail, postpaid.		By express or freight.				
	pt.	qt.	pt.	qt.	½pk.	pk.	bu.
WHITE BOTTOM	\$0.15	\$0.25	\$0.10	\$0.15	\$0.35	\$0.65	\$2.45
YELLOW BOTTOM .....	.15	.25	.10	.15	.35	.60	2.25
RED BOTTOM .....	.15	.25	.10	.15	.35	.60	2.25
RED TOP (Improved) .....	.15	.30	.15	.20	.60	1.15	4.25
EGYPTIAN or PERENNIAL .....	.15	.25	.10	.15	.30	.55	2.00
WHITE MULTIPLIER .....	.20	.35	.15	.20	.65	1.20	4.50



WELL PLEASSED CUSTOMERS.

Mrs. J. F. Kimman, of Corona, N. Mex., says: "I am well pleased with the seeds I received and I want to thank you for your promptness. I never received seeds so quick before."

Geo. Thompson, of Chrisman, Ills., says: "I am sending you my order for seeds, as I find by comparing your catalogue with others, it is an easy catalogue to order from and your prices are more reasonable."

ONION SEED

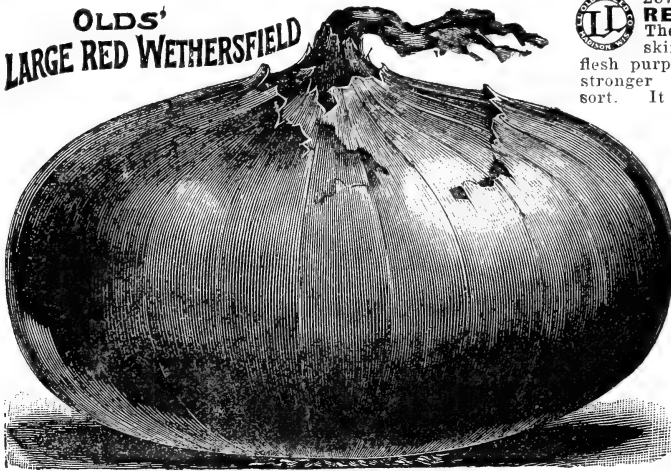
Our Onion seed has been proved by test and is all right. Packets each contain 1-6 oz. of seed, sufficient to sow from 10 to 15 feet of drill; 4 to 5 lbs. will sow one acre. The varieties marked with a star are those we specially recommend. Vitality of good seed, 90%. Order by number. Two pounds or more at 5-lb. rates. For larger quantities see our market gardeners' price list.

289. **WHITE AUSTRALIAN.** A brand new onion and a new creation. The illustration shows the shape and average size of this new onion. It has all the solidity and keeping qualities of its parent, the Australian Brown, and is the ideal onion for the shipper. The skin is a creamy white; flesh white, crisp and mild in flavor. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 70c; lb., \$2.50, postpaid.

The germination of mail order seeds tested by the Department of Agriculture in the last five years has been 77.5 per cent and the germination of box seeds 60.5 per cent—the low vitality of box seeds is a strong argument for the purchase of mail order seeds.



OLDS' LARGE RED WETHERSFIELD



287. OLDS' EXTRA LARGE RED WETHERSFIELD.

The standard red onion. The skin is deep purplish red, flesh purplish white; fine-grained and stronger flavored than any other sort. It is in every respect a perfect

red onion for home use and market purposes. Our strain of Large Red Wethersfield is the best that can be secured by most careful selection and cultivation. **EASTERN GROWN SEED.** Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00, postpaid. Not prepaid: 5 lbs., \$4.25. **CALIF. GROWN SEED:** Not prepaid: 5 lbs., \$4.00.

292. WHITE GLOBE.

Beautiful and symmetrical, with clear pure white skin. The flesh is firm and fine-grained. The Southport White Globe is a good keeper and a good market

onion. **EASTERN GROWN SEED:** Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.65, postpaid. Not prepaid: 5 lbs., \$7.50. **CALIF. GROWN SEED:** Not prepaid: 5 lbs., \$7.25.



285. ★OLDS' BEST YELLOW GLOBE DANVERS.

The Yellow Globe Danvers is a standard onion, more largely grown than any other variety. It is a large globe-shaped onion, and very productive (illustration opposite). The skin is a light golden brown; flesh pure white, crisp and mild in flavor. The entire crop ripens at one time and winters well. This is the best strain of Yellow Globe Danvers. **EASTERN GROWN SEED:** Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 95c, postpaid. Not prepaid: 5 lbs., \$4.00. **CALIF. GROWN SEED:** Not prepaid: 5 lbs., \$3.75.

291. ★SOUTHPORT LARGE RED GLOBE.

The most handsome and perfect globe-shaped onion in cultivation. The skin is a deep rich crimson, with a satin-like gloss, flesh fine-grained, mild and very tender. The Large Red Globe is a splendid keeper, of excellent quality, and very desirable. We offer the true Southport strain. **EASTERN GROWN SEED:** Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.25, postpaid. Not prepaid: 5 lbs., \$5.50. **CALIF. GROWN SEED:** Not prepaid: 5 lbs., \$5.25.

290. ★SOUTHPORT YELLOW GLOBE.

Identical with the Red Globe, except in color. Our seed is the true Southport type—no better at any price. **EASTERN GROWN SEED:** Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.15, postpaid. Not prepaid: 5 lbs., \$5.00. **CALIF. GROWN SEED:** 5 lbs., \$4.75.

288. **AILSA CRAIG.** An onion unexcelled for form, size and weight—see illustration. It is straw-colored, very productive, a good keeper and on account of its mild flavor, excellent for eating raw. When boxed in good shape, it competes successfully with the imported Spanish onion and we believe after it is better known, will become a very popular sort. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 60c; lb., \$2.25, postpaid.



300. OLDS' SELECT OHIO YELLOW GLOBE.

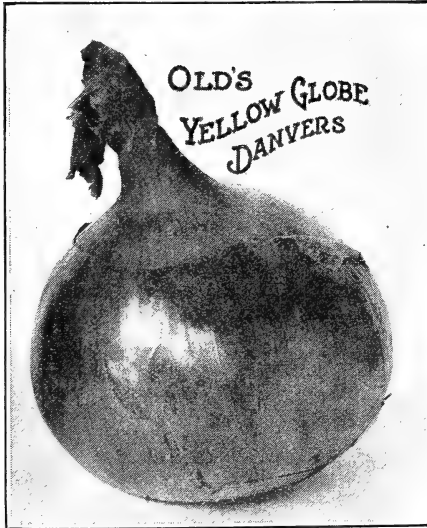
This is a bright yellow onion, with a small neck; ripens early and all at once. The bulbs are firm and good keepers; productive and well adapted to any good soil. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 95c, postpaid.

301. MICHIGAN YELLOW GLOBE.

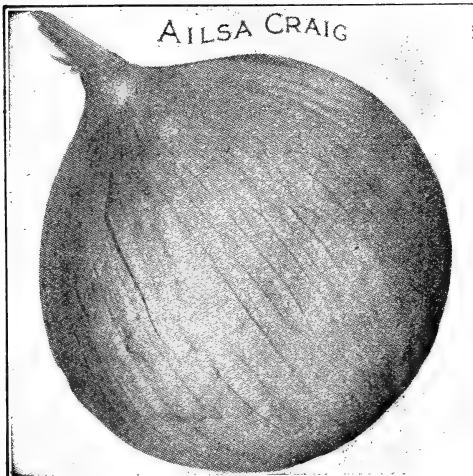
This variety is a selection from the Yellow Globe Danvers, and is a perfect globe-shaped onion; a little darker in color than Danvers; a heavy cropper and a first-class keeper. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00, postpaid.

Good crops can be grown only from good seeds—try our seeds. Full and complete list of onions next page.

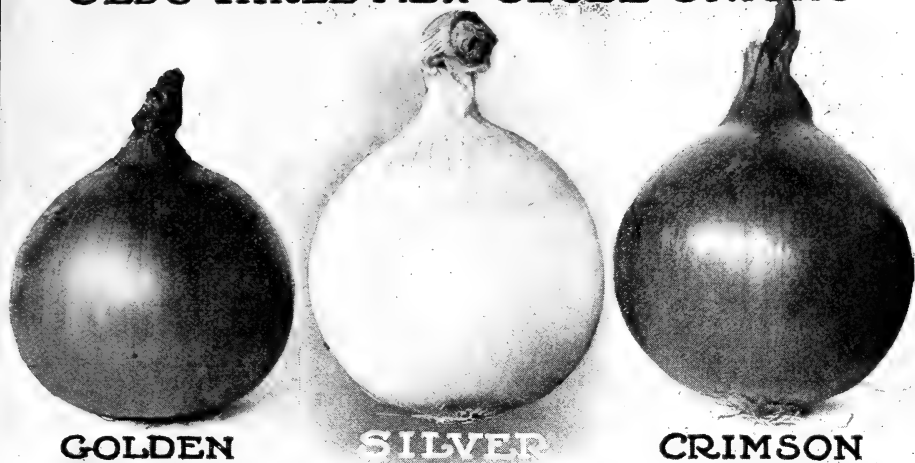
OLD'S YELLOW GLOBE DANVERS



AILSA CRAIG



OLD'S THREE NEW GLOBE ONIONS



OLD'S THREE NEW GLOBE ONIONS. Perfect types of Southport Globes, Eastern-grown seed—see illustration above, also color plate outside back cover. The true Southports are most desirable onions. They are not only handsome in appearance, but are all good keepers and perfectly globe-shaped. Our Three New Globe Onions are improved strains of Southports. One packet of each 25 cents.

280. **OLD'S GOLDEN GLOBE.** A heavy yielder, hardy and reliable; color light golden yellow; handsome in appearance; flesh snow-white, firm, mild and juicy. Altogether a most satisfactory onion for family or market use. Pkt., 10c; ½ oz., 15c; oz., 20c; ¼ lb., 40c; lb., \$1.50

281. **OLD'S SILVER GLOBE.** Solid and heavy; flesh pure white, close and fine grained. A very handsome onion, and for the family garden unexcelled. Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 55c; lb., \$2.00, postpaid. Not prepaid: 2 lbs. or more at \$1.85 per lb.

282. **OLD'S CRIMSON GLOBE.** Skin deep purplish-red; flesh close-grained, white, mild and tender. It is hardy; a good keeper and very productive. Pkt., 10c; ½ oz., 15c; oz., 20c; ¼ lb., 45c; lb., \$1.60, postpaid. Not prepaid: 2 lbs. or more at \$1.45 per lb.

295. **OLD'S LONGKEEPER.** A sure cropper and the best keeper. A globe-shaped onion, very quick to grow and sure to make a crop. The onions are uniformly thin-necked, with flesh pure white, solid, crisp, sweet and mild in flavor. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00, postpaid.

298. **★RED GLOBE WETHERSFIELD.** A very handsome onion. The Globe Wethersfield is the old reliable. Large, red Wethersfield bred to a globe shape. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00, postpaid.

303. **★ OLD'S EARLY WHITE QUEEN.** The best of all for small pickles. The White Queen grows from one to one and a half inches in diameter, when the tops die down, leaving a neat and handsome white bulb—suitable for pickling. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.15, postpaid.

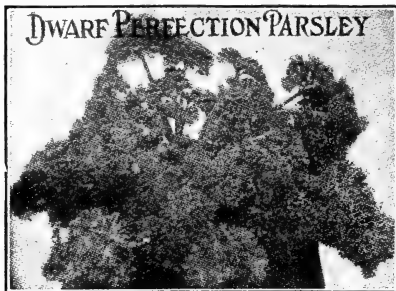
304. **MIXED ONION SEED.** Just the thing for those not particular as to variety. This is good seed and will produce red, yellow and white onions; some globe-shaped and some flat. Oz. pkt., 10c; ¼ lb., 20c; lb., 60c, postpaid.

ONION. Full List.

If ordered by express or freight, deduct 10c per lb.; ½ lb. at pound rates.

	By mail, postpaid.			
	pkt.	oz.	¼ lb.	lb.
280. OLD'S GOLDEN GLOBE. A most satisfactory onion for family use..	\$0.10	\$0.20	\$0.40	\$1.50
281. OLD'S SILVER GLOBE. One of the most handsome onions grown	.10	.25	.55	2.00
282. OLD'S CRIMSON GLOBE. Hardy; a good keeper and a big yielder.	.10	.20	.45	1.60
285. ★OLD'S YELLOW GLOBE DANVERS. The standard Yellow Globe..	.05	.10	.25	.95
286. EXTRA EARLY RED. (Flat.) Very desirable for extra early.....	.05	.10	.30	1.00
287. OLD'S EXTRA LARGE RED WETHERSFIELD. The best strain.....	.05	.10	.30	1.00
288. AILSA CRAIG. A most excellent shaped onion. See page 56.....	.10	.20	.60	2.25
289. WHITE AUSTRALIAN. Brand new. See page 55.....	.10	.20	.70	2.50
290. SOUTHPORT YELLOW GLOBE. A heavy yielder. Page 56.....	.05	.10	.35	1.15
291.★SOUTHPORT LARGE RED GLOBE. Most handsome and most perfect globe-shaped onion in cultivation.....	.05	.10	.35	1.25
292. SOUTHPORT WHITE GLOBE. A good keeper and a splendid onion..	.05	.15	.45	1.65
293. WHITE PORTUGAL, or Silver Skin. A favorite white onion; very mild	.05	.15	.40	1.50
294. YELLOW DANVERS FLAT. Largely grown for market and for sets..	.05	.10	.25	.85
295. OLD'S LONGKEEPER. Early, a sure cropper, and a good keeper....	.05	.10	.30	1.00
296. MAMMOTH SILVER KING. Handsome, sweet, tender and mild.....	.05	.10	.35	1.25
297.★PRIZE-TAKER. The genuine. Large and handsome.....	.05	.10	.25	.95
298.★RED GLOBE WETHERSFIELD. The old reliable Large Red Wethersfield bred to a globe shape.....	.05	.10	.30	1.00
299. AUSTRALIAN BROWN. Extra early and a sure cropper.....	.05	.10	.25	.80
299½. YELLOW STRASBURG. The variety most used for sets.....	.05	.10	.25	.80
300. OLD'S SELECT OHIO YELLOW GLOBE. Page 56.....	.05	.10	.25	.95
301. MICHIGAN YELLOW GLOBE. A heavy cropper.....	.05	.10	.30	1.00
302.★OLD'S SELECT PICKLING. Fine for bunching.....	.05	.10	.35	1.25
303.★OLD'S EARLY WHITE QUEEN. The best for small pickles.....	.05	.10	.35	1.15
303½. WHITE WELSH. Most suitable for green onions.....	.05	.10	.35	1.25

If not particular as to variety—plant our MIXED ONION SEED. Lb., 60c, postpaid.



PARSLEY.

One packet contains seed enough to sow a row 40 feet long; 3 lbs. will seed one acre.

308. OLDS' DWARF PERFECTION. A very attractive plant; bright, pea-green, moss curled leaves, of excellent flavor. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

305. CHAMPION MOSS CURLED. Beautifully curled and crumpled leaves—just right for seasoning; also useful for salads and garnishing. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c, postpaid.

306. FERN-LEAVED. Fern-shaped leaves. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c, postpaid.

307. ★THE ARLINGTON. A fine new, double, curled parsley. It withstands heat, cold and drought. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 95c, postpaid.

PARSNIP.

While highly appreciated for table use the great value of the parsnip is for stock feeding. The roots are very rich in saccharine food. Packets each contain seed sufficient to sow a row 30 feet long; 5 lbs., will seed one acre.

310. ★IMPROVED GUERNSEY. The best variety; roots smooth and easily harvested. Not prepaid, 2 lbs. or more at 40c per lb.

311. HOLLOW CROWN. The old standard variety.

312. EARLY SHORT ROUND. Early and well adapted to any soil.

By mail, postpaid.			
pkt.	oz.	¼ lb.	lb.
\$0.05	\$0.10	\$0.20	\$0.55
.05	.10	.15	.50
.05	.10	.15	.45

PEAS

Our peas are grown in the north, are carefully rogued and hand-picked. Packets contain full 2 ounces and will plant from 10 to 15 feet of drill; one quart will plant 100 feet; 1½ to 2 bus. an acre. Vitality of good seed, 95%. Those marked thus (*) are wrinkled varieties, and those marked with a star are the varieties we particularly recommend. Freight prices on page 60.



320. ★SURPRISE.* A new pea well named—the earliest of all wrinkled peas. The pods are good-sized and well filled. The peas are very tender and sweet, retaining their fine flavor even when fully developed. This new pea is a cross of Alaska and American Wonder. It possesses the quality of the latter. The vines grow 24 inches high, but need no support. Pkt., 10c; 2 pkts., 15c; pt., 20c; qt., 35c, postpaid.

323. ALASKA. The earliest of all blue peas. It is very productive and of good quality, but not equal to the wrinkled varieties in sweetness or long season. The vines grow from 3 to 3½ feet high with well-filled pods, which can be gathered in two pickings. A valuable sort for market gardeners and canners. Pkt., 10c; 2 pkts., 15c; pt., 20c; qt., 35c, postpaid.

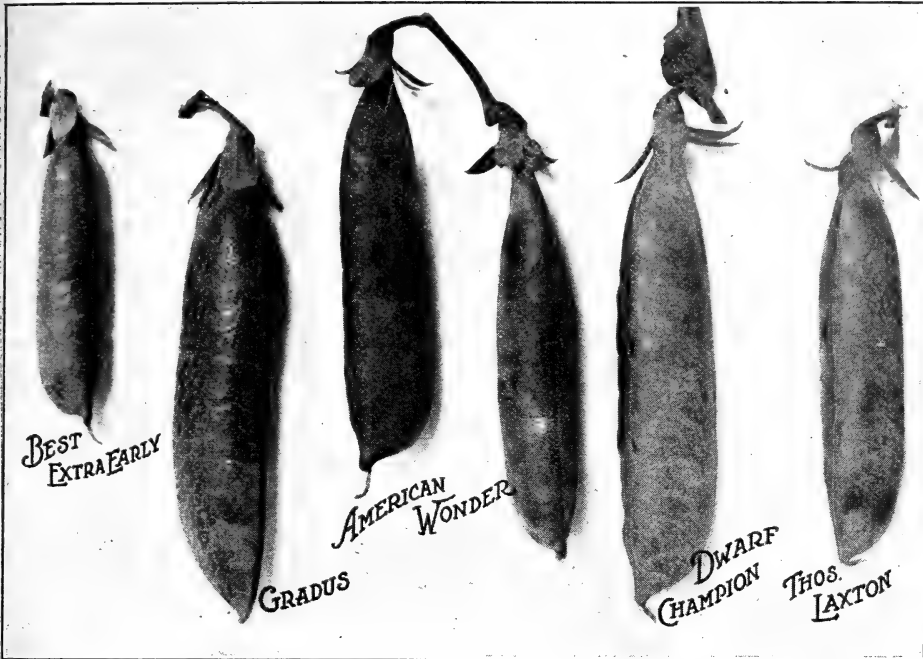
323½. SUTTON'S EXCELSIOR. A new large podded dwarf variety, also one of the most vigorous in growth and unsurpassed in quality. The plants grow 14 inches high and are very productive, producing the largest pods (see illustration) of any of the dwarf varieties. The peas are handsome in appearance and mature nearly as early as Nott's Excelsior. Pkt., 10c; 2 pkts., 15c; pt., 25c; qt., 40c, postpaid.

337. SENATOR.* The Senator is a new second-early. It is a large, luscious wrinkled pea; of the same season as McLean's Advancer, but with larger pods and vines much more productive. The pods are well filled with peas, sweet and tender, even when quite large; vines 2 feet high. Pkt., 10c; 2 pkts., 15c; pt., 20c; qt., 35c, postpaid.

331. EXTRA EARLY PREMIUM GEM.* A fine dwarf variety; height, 18 inches. Very productive; maturing a few days later than American Wonder. The pods are well filled with luscious peas. Pkt., 10c; 2 pkts., 15c; pt., 20c; qt., 35c, postpaid.

If more than \$5.00 worth of garden seeds, in larger quantities than ounces and quarts, is wanted, send for our Market Gardeners' net price list before ordering.

All wrinkled Peas weigh 56 lbs. to the bushel; smooth varieties, 60 lbs.



320½. ★OLDS' BEST EXTRA EARLY. The best strain of Extra Early Peas and the result of very careful selection. They are as early as Alaska and average 20 inches in height. The pods are well filled and the crop can be gathered in one picking. Olds' Extra Early is the market gardeners' pea and a general favorite. Also fine for the home garden as it is hardy and can be planted earlier than the wrinkled sorts. Pkt., 10c; 2 pkts., 15c; pt., 20c; qt., 35c, postpaid.

324. ★GRADUS.* Also called "Prosperity." The earliest large-podded pea in cultivation; vines from 3 to 3½ feet high; pods large and well filled with very large peas. The peas remain tender a long time, and the vines continue bearing for some time after the first picking. We consider this pea one of the best for the home garden. Our prices this year are very reasonable for Gradus; it is always a high-priced variety. Pkt., 10c; 2 pkts., 15c; pt., 25c; qt., 45c, postpaid.

330. AMERICAN WONDER.* A very fine extra early dwarf variety; height, one foot. It is quite productive and well suited for the private garden. The flavor and quality are excellent. Pkt. 10c; 2 pkts., 15c; pt., 25c; qt., 40c, postpaid.

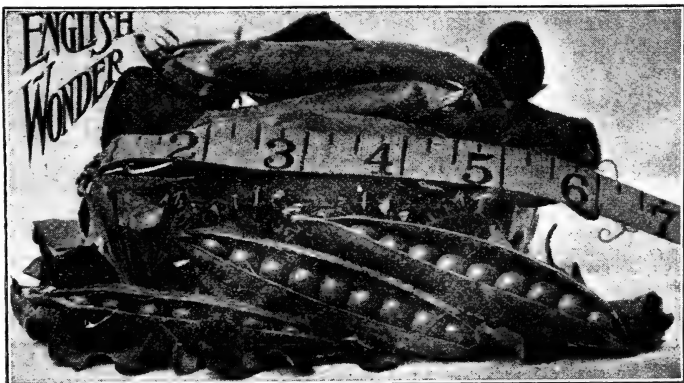
336. IMPROVED DWARF CHAMPION.* The Dwarf Champion is a dwarf-growing strain of the well known variety—Champion of England. It grows only two feet high but has all the good qualities of its parent. The pods are three inches in length, round and well filled. It is hardy, a vigorous grower and very productive. Pkt., 10c; 2 pkts., 15c; pt., 20c; qt., 35c, postpaid.

334. THOMAS LAXTON.* A new variety and one of the best yet introduced. A cross of the Gradus and Earliest of All, and between the two in season; vines from 3 to 3½ feet high; pods large and well filled; peas dark green, sweet and fine-flavored—very attractive in appearance and one of the best sorts for the market and the home garden. Pkt., 10c; 2 pkts., 15c; pt., 25c; qt., 45c.

340. MAM. MELTING SUGAR. An edible podded variety; height, 5 feet. The pods are large, thick and fleshy; stringless, brittle and fine flavored. Very productive. Pkt., 10c; 2 pkts., 15c; pt., 30c; qt., 50c, postpaid.

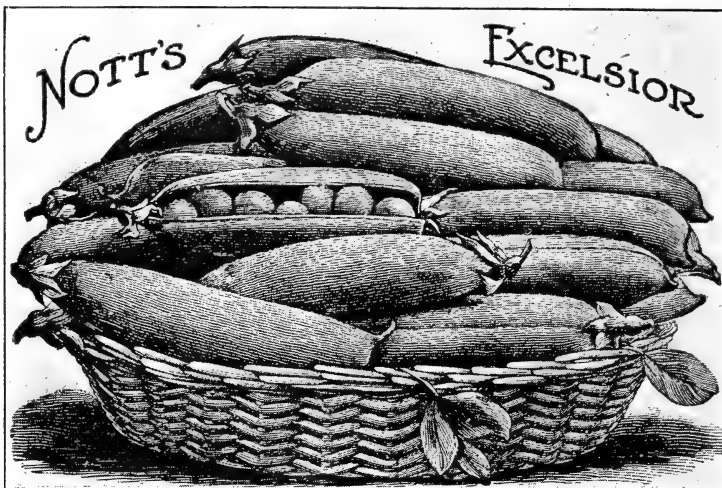
333. ★ENGLISH WONDER.* The sweetest pea we know of. This is a new dwarf second early variety. The pods are produced in abundance and are well filled with large, dark green peas (see illustration). It is a sure cropper. Vines grow about 18 inches high. We highly recommend this new pea, and none of our customers who try it will regret it. Pkt., 10c; 2 pkts., 15c; pt., 25c; qt., 40c, postpaid.

Our crop of peas this year is better than we have had for several years and our prices are very reasonable — see next page for full and complete list, also bulk prices by freight or express, not prepaid.



THREE SPLENDID PEAS FOR SUCCESSION.

One pkt. each, 25c; one pt. each, 65c; one qt. each, \$1.15, postpaid. By express or freight, not prepaid: One qt. each, 75c; one pk. each, \$4.50; ½ pk. each, \$2.35.



325. ★NOTT'S EXCELSIOR.* The most popular early dwarf pea in cultivation. Pods well filled (see illustration). Peas very tender and sweet. In earliness it equals American Wonder; in height, about 15 inches; in quality, equal to Premium Gem, and as a cropper it excels both. Pkt., 10c; 2 pkts., 15c; pt., 25c; qt., 40c, postpaid.

321. THE HEROINE.* Our best second early. It bears profusely and produces large pods, well filled with the very best peas. It is a fine pea for the most critical market gardener, and we predict it

will become a general favorite. Pkt., 10c; 2 pkts., 15c; pt. 25c; qt., 40c, postpaid.

326. IMPROVED STRATAGEM.* The best of all the large-podded late peas; pods of immense size, well filled with large, dark green peas of the finest quality; height 18 inches—one of the very finest for a later second early. Pkt., 10c; 2 pkts., 15c; pt., 25c; qt., 40c, postpaid.

335. ★OLDS' DWARF TELEPHONE.* The most prolific dwarf pea; producing large, handsome pods like the Telephone, but without the tall vines. It is medium early, very productive; pods well filled with pale green peas of the best quality; handsome and just right for the market and the home garden. Pkt., 10c; 2 pkts., 15c; pt., 25c; qt., 45c, postpaid.

328. McLEAN'S ADVANCER.* Largely planted by market gardeners, with whom it is a great favorite, because of its large yields; height, 2½ feet. Long, well filled pods; peas light green and very much wrinkled. It is about ten days later than Nott's Excelsior. Pkt., 10c; 2 pkts., 15c; pt., 20c; qt., 35c, postpaid.

341. MAMMOTH LUSCIOUS SUGAR. The Perfect Sugar Pea. This pea excels all other edible-podded peas for size, productiveness and quality. The vines average 36 inches in height and remain a long time in bearing. The pods are very large, sweet and tender; very fleshy and equal to the best snap beans for cooking, pods and all. Pkt., 10c; 2 pkts., 15c; pt., 25c; qt., 45c, postpaid.

Miss Corlie Dunster, Reserve, Wis., Sept. 23rd, 1912, writes: "We had fine success with your garden seeds. We gave them only ordinary care and received four premiums from five entries at the Sawyer Fair. I am sending the names of some who saw our garden and would like your catalogue next spring."

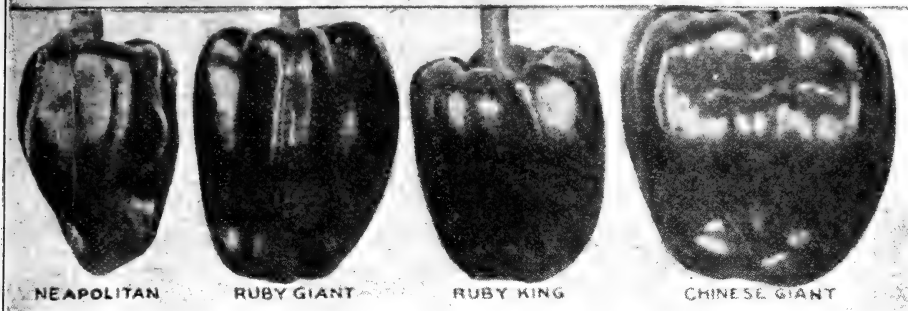
PEAS. Full List.

Pints, half-pecks and half-bushels at qt., pk., and bu. rates.	By mail, postpaid.			By exp. or frt.		
	pkt.	pt.	qt.	qt.	pk.	bu.
320. ★SURPRISE.* The earliest of all wrinkled peas.....	\$0.10	\$0.20	\$0.35	\$0.20	\$1.45	\$5.75
320½. ★OLDS' BEST EXTRA EARLY. The best strain.....	.10	.20	.35	.20	1.40	5.67
321. THE HEROINE.* Our best second early.....	.10	.25	.45	.40	1.55	6.00
322. TELEPHONE.* Most popular late variety; vines large; pods well filled; peas tender and of fine quality.....	.10	.20	.35	.20	1.55	5.85
323. ALASKA. The earliest of all blue peas. Very productive.....	.10	.20	.35	.20	1.40	5.45
323½. SUTTON'S EXCELSIOR. A new dwarf variety—page 58.....	.10	.25	.40	.30	1.70	6.75
324. ★GRADUS.* The earliest large-podded pea in cultivation.....	.10	.25	.45	.30	2.00	7.85
325. ★NOTT'S EXCELSIOR.* The best early dwarf pea.....	.10	.30	.35	.20	1.60	6.25
326. IMPROVED STRATAGEM.* The best late large-podded pea.....	.10	.30	.35	.20	1.55	6.00
327. CHAMPION OF ENGLAND.* One of the best peas grown; a late variety; delicious and productive.....	.10	.20	.35	.20	1.45	5.75
328. McLEAN'S ADVANCER.* A market gardener's favorite.....	.10	.20	.35	.20	1.40	5.50
329. LITTLE GEM.* Height, 16 to 18 inches; very prolific and of excellent flavor.....	.10	.20	.35	.20	1.45	5.85
330. AMERICAN WONDER.* Dwarfest of all varieties; 12 inches in height. Very early and very sweet.....	.10	.25	.40	.25	1.60	6.35
331. EXTRA EARLY PREMIUM GEM.* A very fine dwarf pea of the Little Gem type, over which it is an improvement.....	.10	.20	.35	.20	1.45	5.75
332. BLISS' EVERBEARING.* A very popular pea—continues bearing about two months. Season medium to late.....	.10	.25	.40	.25	1.55	6.00
333. ★ENGLISH WONDER.* The sweetest pea we know of.....	.10	.25	.40	.25	1.65	6.45
334. THOMAS LAXTON.* One of the best yet introduced.....	.10	.25	.45	.30	2.00	7.75
335. ★OLDS' DWARF TELEPHONE.* Most prolific dwarf pea.....	.10	.25	.45	.30	1.90	7.50
336. IMPROVED DWARF CHAMPION.* See page 59.....	.10	.20	.35	.20	1.45	5.80
337. SENATOR.* A grand new second early.....	.10	.20	.35	.20	1.45	5.75
338. HORSFORD'S MARKET GARDEN.* A great favorite.....	.10	.20	.35	.20	1.40	5.45
340. MELTING SUGAR. Edible pods—can be cooked and eaten, pods and all; entirely stringless.....	.10	.30	.50	.35	2.65	
341. MAMMOTH LUSCIOUS SUGAR. The perfect sugar pea.....	.10	.25	.45	.30	2.25	8.75
345. WHITE MARROWFAT. An old favorite market pea.....	.05	.15	.25	.15	1.00	3.75

Cultural Directions given with every order. Packets, by freight or express, 8c each.

For larger quantities see our market gardeners' net price list before ordering.

PEPPER



We can furnish plants in season—see our list of vegetable and other plants, page 68.

Each packet contains seed sufficient to produce over 200 plants; ¼ lb. of seed is enough for one acre. Vitality of good seed, 65%. Order by number. One pound of any variety at three and one-half times the price of ¼ lb.

	Mail, postpaid.		
	pkt.	oz. ¼ lb.	lb.
350. ★RUBY KING. A very popular red pepper; mild and sweet.....	\$0.05	\$0.15	\$0.50
351. BELL OR BULL NOSE. The best known red pepper; early and prolific..	.05	.15	.40
351½. RUBY GIANT. A large, fine shaped pepper. A cross of Ruby King and Chinese Giant; flesh mild and sweet; hardy and productive.....	.05	.15	.55
352. GOLDEN QUEEN. Bright golden yellow; productive, mild and sweet....	.05	.15	.50
353. SWEET MOUNTAIN. A strong grower; large, productive and sweet.....	.05	.15	.40
354. CHINESE GIANT. A very desirable variety, of recent introduction.....	.05	.20	.75
355. ★OLDS' EARLY NEAPOLITAN. Bright red peppers, produced in abundance.	.05	.15	.45
356. LONG RED CAYENNE. A standard household variety—hot and pungent	.05	.15	.50
357. RED CLUSTER. Small, thin red pods borne upright in clusters.....	.05	.15	.55
357½. OLDS' RED HOT. (Tobasco.) Small, with a very hot flavor, much used as a sauce for soups, oysters, etc. The peppers are borne in great profusion	.05	.30	1.00
358. MIXED PEPPERS. The above varieties mixed.....	.05	.10	.25
359. NEW TOMATO PEPPER. In shape and general appearance resembles a tomato; of upright growth, prolific and continuing to bear until frost.....	.05	.15	.50

PUMPKIN

Our seed has all been saved from pumpkins grown for seed purposes. Each packet contains ¼ oz. of seed, sufficient to plant from 5 to 10 hills; 3 to 4 lbs. will plant one acre alone; one pound, an acre with corn. Vitality of good seed, 90%. Order by number.

362. ★LARGE CONNECTICUT YELLOW FIELD (Yankee Cow Pumpkin). The standard field pumpkin. No farmer should fail to plant some every year with corn; a sure cropper, a good keeper, and very prolific—the best for stock, also good for pies. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 40c; 2 lbs. or more, 25c per lb., postpaid. Not prepaid: 5 lbs., \$1.10.

361. ★QUAKER PIE. A distinct variety; very prolific. The pumpkins are nearly round in shape; creamy white inside and out when ripe; fine grained and rich in flavor; good keepers and among the very best for pies. We do not usually have enough seed of this variety to go around. Order early. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid.

366. JAPANESE PIE. A new pumpkin of Japanese origin; flesh very thick, fine-grained, dry and sweet; productive and very desirable for cooking. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c, postpaid.

360. ★KING OF MAMMOTHS. Has been grown to weigh 200 lbs.—surpassing any other variety for size. The flesh and skin are both bright yellow and of excellent quality. The Mammoth is one of the best pie pumpkins grown, also a splendid keeper and valuable for feeding purposes. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c, postpaid.

369. GOLDEN OBLONG. A fine variety, oblong in shape. Golden orange skin, thin but tough. Rich yellow flesh, very sweet, dry and excellent for pies. A good keeper. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 55c.

FULL LIST.

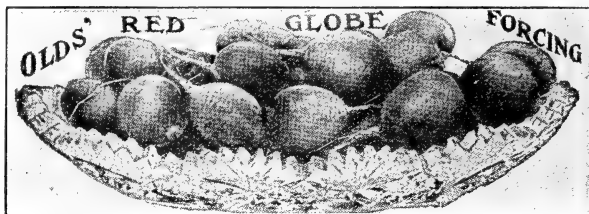
If ordered by express or freight, deduct 10c per pound.

	By mail, postpaid.			
	pkt.	oz. ¼ lb.	lb.	lb.
360. ★KING OF MAMMOTHS. The largest and one of the best pie pumpkins grown, a good keeper and valuable also for feeding.....	\$0.05	\$0.10	\$0.25	\$0.75
361. ★QUAKER PIE. A very prolific variety, a good keeper and one of the best for pies.....	.05	.10	.20	.60
362. ★LARGE CONNECTICUT YELLOW FIELD. The standard field pumpkin; a sure cropper and a good keeper.....	.05	.10	.15	.40
363. SMALL SUGAR. The noted New England Pie Pumpkin, and sweetest of all varieties; prolific and a good keeper.....	.05	.10	.15	.50
364. WINTER LUXURY. A new variety, pronounced by many the best pie pumpkin; of medium size.....	.05	.10	.20	.65
365. CALHOUN. A small pie pumpkin, of extra fine quality.....	.05	.10	.20	.70
366. JAPANESE PIE. A new pumpkin, of Japanese origin; dry and sweet	.05	.10	.20	.65
368. LARGE CHEESE. A fine keeper, excellent for pies, also grown in large quantities for stock. Very productive.....	.05	.10	15	.45
369. GOLDEN OBLONG. A new variety, very fine and productive.....	.05	.10	.20	.55
369½. OLDS' MIXTURE. Pumpkins all the season with one planting..	.05	.10	.10	.35

See pages 34 and 69 for our collection offers.

RADISH

Our list includes the best varieties, and our seed is grown from choice French grown stock seed. Pkts. contain $\frac{1}{4}$ oz. of seed each, sufficient to sow from 25 to 30 feet of drill; 10 to 12 lbs. will sow an acre in drills. Vitality of good seed, 95%. Order by number.



371 $\frac{1}{2}$. OLDS' RED GLOBE FORCING.

Grows quick and is the best for forcing in or outdoors. Globe-shaped; bright red in color; crisp and tender. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 45c.

378 $\frac{1}{2}$. OLDS' EARLIEST WHITE FORCING.

Not only the earliest white radish, but the earliest of any color; pure white, oblong and tender. Small tops, which permit close planting. Pkt.,

5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 55c.



370 $\frac{1}{2}$. OLDS' BRIGHTEST WHITE TIP.

A bright scarlet white tipped radish—see illustration. It is quite distinct in color and has a well defined clear white tip. It has a small top, is a rapid grower and is adapted for forcing. It remains solid and crisp even when fully developed. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 55c, postpaid. Not prepaid: 2 lbs. or more at 40c per lb.

371. OLDS' EARLIEST SCARLET TURNIP.

A splendid extra early, round bright red radish. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 45c, postpaid. Not prepaid: 2 lbs. or more at 30c per lb.

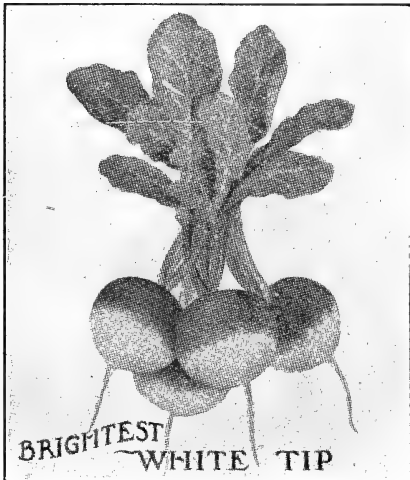
378. OLDS' SNOWBALL.

The earliest white turnip, or globe-shaped radish. It is almost transparent. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c, postpaid. Not prepaid: 2 lbs. or more at 35c per lb.

388. OLDS' GOLDEN GLOBE. An excellent summer variety; of quick growth, producing crisp, tender radishes even in the hottest weather. The skin is golden yellow in color; flesh white and mild in flavor. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 45c, postpaid. Not prepaid: 2 lbs., 60c.

374 $\frac{1}{2}$. WHITE OLIVE SHAPED.

A splendid pure white olive-shaped radish; somewhat larger in size and a trifle later in maturing than our Earliest



White Forcing. It is solid, crisp and the first class in every respect. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 40c, postpaid. Not prepaid: 2 lbs., 55c.



373. ★OLDS' IMPROVED FRENCH BREAK-FAST.

Early, handsome, tender and crisp. Deep, glossy crimson, with the white tips well defined. We consider this radish one of the best for forcing. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 40c, postpaid.

385. ★WHITE ICICLE. The finest pure white, long variety; very early, with smooth symmetrically shaped roots—see illustration. This radish is not only crisp and tender when young, but retains these qualities until the roots reach a large size. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 55c.

374. OLDS' TWENTY DAY. The shape of an olive, of a deep red color, pure white flesh; fine for forcing. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 40c, postpaid.

379. ★NEW LEAFLESS. A decided acquisition—small top, quick growth; flesh white, crisp, tender and of the best flavor. The New Leafless is always a shy seeder—order early. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 45c, postpaid.

380. CRYSTAL BEAUTY. A new long white radish, almost transparent; very uniform in size and shape. The flesh is firm, crisp and tender, remaining in good condition a long time. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 45c.

376. ★CRIMSON GIANT. A distinct forcing variety, suitable for the open ground, and the best sort for first outdoor planting. The flesh is firm, crisp and tender. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 40c, postpaid.

393. MAMMOTH JAPANESE. A new distinct variety, sometimes growing to an immense size, one radish furnishing several meals for quite a family. It should not be planted early, but treated as a summer, fall or winter radish. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 55c; lb., \$2.00, postpaid. Full and complete list of radishes—next page.



RHUBARB. Pie Plant.

The earliest spring vegetable. Easily raised from seed.

395. LARGE VICTORIA. The standard variety. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 95c, postpaid. For RHUBARB ROOTS—see page 68.

RADISH. Full List.

If ordered by express or freight, deduct 10c per pound.

By mail, postpaid.

	pkt.	oz.	1/4 lb.	lb.
370. SCARLET TURNIP WHITE TIP. A very popular variety.	\$0.05	\$0.10	\$0.15	\$0.45
370 1/2. OLDS' BRIGHTEST WHITE TIP. A distinct variety. See page 62.	.05	.10	.20	.55
371. ★OLDS' EARLIEST SCARLET TURNIP. A small, round red variety	.05	.10	.15	.45
371 1/2. OLDS' RED GLOBE FORCING. The best for forcing in or outdoors	.05	.10	.15	.50
372. FIRST AND BEST. The best half-long radish. . . . .	.05	.10	.15	.40
373. ★OLDS' IMPROVED FRENCH BREAKFAST. Tender and crisp. . . . .	.05	.10	.15	.40
374. OLDS' TWENTY DAY. Olive-shaped, deep red; crisp and tender. . . . .	.05	.10	.15	.40
374 1/2. WHITE OLIVE SHAPED. A splendid pure white olive-shaped radish. . . . .	.05	.10	.15	.40
375. ★WHITE DELICIOUS. The best white summer radish. . . . .	.05	.10	.15	.45
376. ★CRIMSON GIANT. Best large radish for first outdoor planting. . . . .	.05	.10	.15	.40
377. EARLY SCARLET GLOBE. Similar to Scarlet Turnip. . . . .	.05	.10	.15	.45
378. OLDS' SNOWBALL (White Box). The earliest white turnip-shaped	.05	.10	.15	.50
378 1/2. OLDS' EARLIEST WHITE FORCING. The earliest radish; pure white, oblong and tender. . . . .	.05	.10	.20	.55
379. ★NEW LEAFLESS. Very quick grower; crisp and tender. . . . .	.05	.10	.15	.45
380. CRYSTAL BEAUTY. A new, long, white radish; flesh white. . . . .	.05	.10	.15	.45
381. WHITE STRASBURG. A summer radish; of large size. . . . .	.05	.10	.15	.40
382. BRIGHTEST LONG SCARLET. Handsome long red radish. . . . .	.05	.10	.15	.40
383. IMPROVED CHARTIER. Long crimson tipped with white. . . . .	.05	.10	.15	.45
384. CINCINNATI MARKET. Early radish, with small tops—bright scarlet	.05	.10	.15	.50
385. ★WHITE ICICLE. The best long, pure white radish; crisp and tender. . . . .	.05	.10	.20	.55
386. TRIUMPH. Very attractive; best for forcing; globe-shaped. . . . .	.05	.10	.15	.45
387. EARLY LONG SCARLET. The standard long red radish. . . . .	.05	.10	.15	.45
388. OLDS' GOLDEN GLOBE. An excellent summer variety. . . . .	.05	.10	.15	.45
389. LONG WHITE VIENNA. One of the best long white radishes. . . . .	.05	.10	.20	.60
390. NEW WHITE CHINESE. The best large white winter variety. . . . .	.05	.10	.15	.50
391. CHINA ROSE WINTER. Rose colored and a good keeper. . . . .	.05	.10	.15	.45
392. LONG BLACK SPANISH. Good keeper, black skin, white flesh. . . . .	.05	.10	.15	.45
393. MAMMOTH JAPANESE. A new distinct variety; very large. . . . .	.05	.15	.55	2.00
394. MIXED RADISH. Radishes the whole season. . . . .	.05	.10	.30	

SPINACH

Spinach is a very important market crop, and large quantities of seed are used every year. Our seed is fresh and as low in price as first quality seed can be sold for. Vitality of good seed, 90%.

403. ★OLDS' LONG SEASON. The best long season variety—withstands the hot summer weather, without going to seed, better than any other. Pkt., 5c; oz., 10c; 1/4 lb., 15c; lb., 40c; 2 lbs. or more, 35c per lb., postpaid.

402. BLOOMSDALE. A great favorite; thick, dark green, wrinkled leaves (see illustration); hardy, of fine substance and flavor. Pkt., 5c; oz., 10c; 1/4 lb., 15c; lb., 35c; 2 lbs. or more 30c per lb., postpaid. Not prepaid: 5 lbs., 80c.

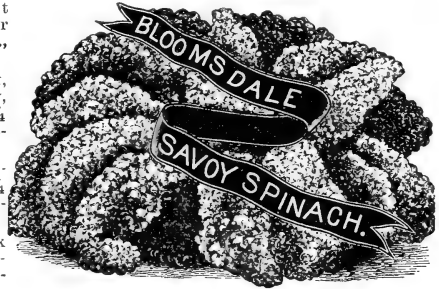
400. ROUND LEAVED. A well-known standard, early variety; very hardy. Pkt., 5c; oz., 10c; 1/4 lb., 15c; lb., 35c; 2 lbs. or more, 30c per lb., postpaid. Not prepaid: 5 lbs., 80c.

401. LONG STANDING. Leaves large, thick and crumpled, with a fleshy appearance; very desirable. Pkt., 5c; oz., 10c; 1/4 lb., 15c; lb., 35c, postpaid. Not prepaid: 5 lbs., 90c.

404. PRICKLY OR WINTER. For fall sowing. Very hardy and vigorous in growth. Pkt., 5c; oz., 10c; 1/4 lb., 15c; lb., 35c, postpaid. Not prepaid: 5 lbs., \$1.00.

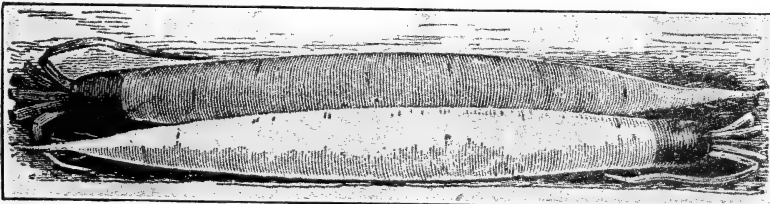
402 1/2. VICTORIA. Very dark green leaves, almost black. It is fit to use early and remains good for a long time; suitable for market or the private garden. Pkt., 5c; oz., 10c; 1/4 lb., 15c; lb., 35c, postpaid. Not prepaid: 5 lbs., 95c.

403 1/2. NEW ZEALAND. For mid-summer sowing; well adapted to dry localities. Pkt., 5c; oz., 10c; 1/4 lb., 15c; lb., 50c, postpaid. Not prepaid: 5 lbs., \$1.65.



SALSIFY. VEGETABLE OYSTER.

There is no vegetable more rich and delicious than the Oyster plant or Salsify. It is splendid for winter use and ought to be more largely grown.



See our CASH DISCOUNT Offer—page 33.

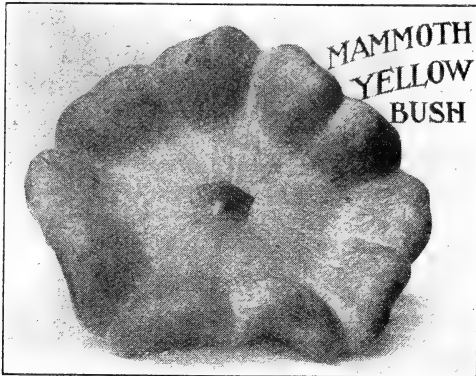
397. MAM. SANDWICH ISLAND. Large roots of fine quality and flavor. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 60c, postpaid.

398. WISCONSIN GOLDEN. Originated in Wisconsin. Very much like the Mammoth Sandwich Island except that the roots have a yellow tinge. Pkt., 5c; oz., 15c; 1/4 lb., 55c; lb., \$2.00, postpaid.

SEE OUR NEW STRINGLESS WAX BEAN (page 36) AND NEW WATERMELON—page 53.

SQUASH

The seed we offer is from squash grown strictly for seed purposes. Our packets each contain 1/4 oz. of seed, sufficient for about 8 hills; 3 pounds of seed will plant one acre in hills. Those marked with a star are the varieties we specially recommend. Vitality of good seed 90%.

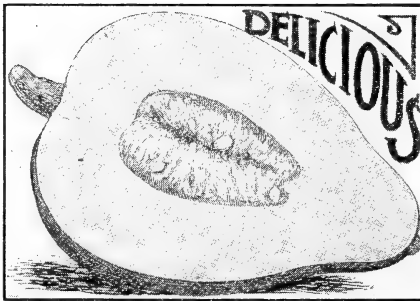


406. **MAM. YELLOW BUSH.** The largest and most handsome bush squash—see illustration, a photograph. The color is a rich golden yellow; flesh cooks dry and is fine for pies. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 65c.

405. **★MAM. WHITE BUSH.** A true bush variety, about twice the size of the ordinary White Bush Scallop. The fruit is a clear white and very handsome in appearance. Pkt., 5c; oz., 10c; 1/4 lb., 15c; lb., 50c.

407. **★GIANT SUMMER CROOKNECK.** The Summer Crookneck is a very old variety and almost every one is familiar with it. In the Giant Summer Crookneck we have the earliest summer squash and one much larger than the common variety. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 55c, postpaid.

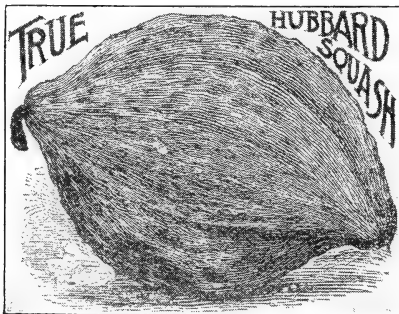
420. **MAMMOTH CHILI.** A very large and attractive variety. The skin is a rich orange yellow; flesh thick, fine grained and sweet. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 65c.



410. **★DELICIOUS.** A recent introduction. One of the thickest-meated varieties, and one of the best for pies. Its color is a dark green, with occasionally a blue specimen; color of flesh, a deep orange. It cooks up drier and is finer-grained than most other squashes, and retains these qualities throughout the winter. Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 70c.

409. **DELICATA.** This is a new, early, small-fruited variety; orange color, splashed and striped with dark green. It is very solid, rich and dry. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 55c, postpaid.

408. **FORDHOOK.** A very good variety for either summer or winter use. The vines are of strong growth and very productive. The fruits are oblong in form with a thin yellowish skin. The flesh is thick and sweet and cooks up dry. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 60c, postpaid.



OUR THREE HUBBARDS.

411. **★TRUE HUBBARD.** The standard winter squash. Large, olive-shaped (see illustration), with dark green skin and very rich flesh. Almost every one is well acquainted with Hubbard squash. Our strain is extra fine. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 65c; 2 lbs. or more, 60c per lb., postpaid. Not prepaid: 5 lbs., \$2.75.

412. **WARTED HUBBARD.** Similar to the above, but larger and heavily warted. Very handsome in appearance, and an excellent keeper. It has the hardest shell of all the Hubbards. Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 70c, postpaid.

413. **GOLDEN HUBBARD.** Heavily warted like the above, with a rich orange-yellow skin, turning to a deep salmon-red when ripe. It is equally as productive and superior in quality, if anything, to the other Hubbards. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 65c.

SQUASH. Full List.

If ordered by express or freight, deduct 10c per lb. 1/2 lb. at pound rates.	By mail, postpaid.			
	pkt.	oz.	1/4 lb.	lb.
405. MAMMOTH WHITE BUSH. A true bush variety; larger and better shaped than the well-known Early White Scallop.	\$0.05	\$0.10	\$0.15	\$0.50
406. ★MAMMOTH YELLOW BUSH. The largest bush squash.	.05	.10	.20	.65
407. ★GIANT SUMMER CROOKNECK. The earliest summer squash.	.05	.10	.20	.55
408. FORDHOOK. Very fine for pies. A good yielder and keeper.	.05	.10	.20	.60
409. DELICATA. Very solid, rich and dry—extra fine for home use.	.05	.10	.20	.55
410. ★DELICIOUS. The thickest-meated squash yet introduced; cooks dry.	.05	.10	.25	.70
411. ★TRUE HUBBARD. The standard winter squash. See illustration.	.05	.10	.20	.65
412. WARTED HUBBARD. Similar to the ordinary Hubbard, but larger.	.05	.10	.25	.70
413. GOLDEN HUBBARD. Bright orange-yellow; see above.	.05	.10	.20	.65
414. CHICAGO ORANGE MARROW. Best fall squash.	.05	.10	.15	.50
415. BOSTON MARROW. Good for both fall and winter use.	.05	.10	.20	.55
416. SIBLEY, or PIKE'S PEAK. A general favorite.	.05	.10	.20	.60
417. VEGETABLE MARROW. Popular English garden variety; smooth skin.	.05	.10	.20	.60
420. MAMMOTH CHILI. The largest of all squashes.	.05	.10	.20	.65
424. OLDS' MIXTURE. Squashes all the season with one sowing.	.05	.10	.15	.45

TOMATO

Our seed is from tomatoes grown for seed, and from choice selected seed stocks. Our packets each contain seed enough to produce 300 plants; 3 ozs. of seed will plant an acre. Those marked with a star are the varieties we specially recommend. Vitality of good seed 90%.

440. ★OLDS' NEW GLOBE. Livingston's 1905 Introduction. This tomato is a beautiful globe in shape, resembling a peach in form (see illustration). On account of its shape, a greater number of slices can be taken from each one. It ripens with the first earlies. The fruits are large, smooth, firm and with few seeds. It ripens evenly, with a fine, glossy rose color, tinged with purple. Very productive. Pkt., 5c; ½ oz., 15c; oz., 20c; ¼ lb., 55c.

429. ★MATCHLESS. Well worthy of its name—it is hard to match. It produces large, red fruits throughout the entire season; flesh very solid, heavy and free from any core. If we were to plant but one variety of tomatoes it would be the Matchless. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 45c.

NEW CORELESS TOMATO.

442. LIVINGSTON'S 1908 INTRODUCTION. The most perfect shaped canning variety yet introduced. In shape it is almost round, being about the same in diameter each way. The depression at the stem end has been almost eliminated, which, together with its shape and size, makes it a perfect tomato for canning purposes. The globe tomatoes are fast superseding the old flat, wrinkled varieties. It is very productive. The fruits are of marketable size and always free from green core. The flesh of the **New Coreless** is very firm and the seed cells are surrounded by bright red, heavy, meaty and delicious flesh, which has a sharp, acid taste.

The **New Coreless** is bright red in color and its fruits ripen all over and all at the same time. Canners, market gardeners and lovers of good tomatoes should give this new tomato a trial. Pkt., 5c; ½ oz., 15c; oz., 20c; ¼ lb., 60c.

425. ★SPARK'S EARLIANA. No variety of recent introduction has attracted more attention than this. Early tomatoes are usually of small size, but Spark's Earliana is not only very early, but remarkable for its large size. Handsome in shape, of a dark red color and very firm—flesh deep red, with solid center and small seed-cells. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 40c.

444. BONNY BEST. An extra fine early variety for the home garden; a few days later than the Earliana. The color is bright scarlet; ripens evenly to the stem without crack or black spot. Very productive and a fine shipper, being even in size and packing well in a crate or basket—see illustration. Pkt., 5c; ½ oz., 15c; oz., 20c; ¼ lb., 55c, postpaid.

LIVINGSTON'S NEW GLOBE

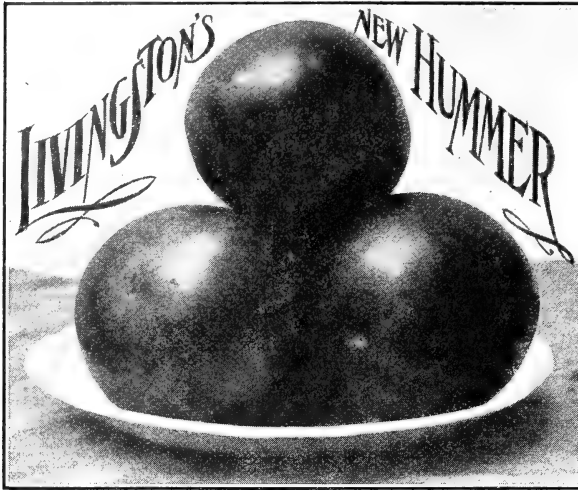


LIVINGSTON'S NEW CORELESS



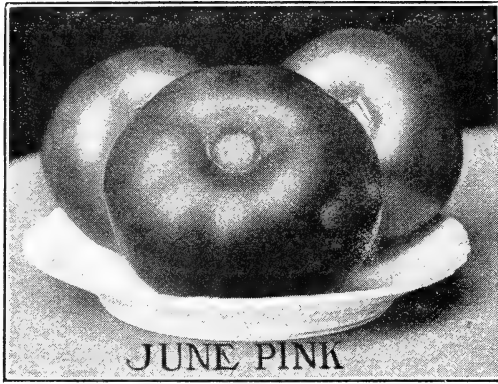
BONNY BEST





441. **THE HUMMER.** Livingston's 1907 Introduction. Round as a ball and smooth as an apple—see illustration opposite. The Hummer is bright scarlet in color, and very productive. The flesh is crimson-scarlet and of the finest quality. The fruit is very firm and solid, in fact, a rotten tomato is seldom found. It ripens early, very even, and if picked when just turning, will carry a long distance in fine condition. Pkt., 5c; ½ oz., 15c; oz., 20c; ¼ lb., 60c.

426. **★SUCCESS.** A new tomato well worthy of the name "Success." It is just right for a second early; bright scarlet, of fine flavor and handsome in appearance. The vines are strong and vigorous; fruits set in clusters and average three inches in diameter. The handsome appearance, even size and great solidity of Success make it an excellent market variety, while its deep color and solidity make it also well adapted for canning. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 45c postpaid.



443. **JUNE PINK.** The earliest of all pink tomatoes. It is a good yielder of high quality and runs very smooth for an early sort—see illustration, from a photograph; similar in habit and shape to the Earliana differing from it in color only, which is pink instead of red. Pink tomatoes are much preferred in some markets. The June Pink while primarily an early tomato continues to bear and ripen fruit up to frost. The fruit is borne in clusters, single specimens often measuring 3 inches in diameter. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 50c, postpaid.

438. **★ENORMOUS.** The largest and smoothest tomato grown; now recognized as the standard red tomato for great size and productiveness. The fruit is solid and firm; flesh thick, with few seeds; color, clear deep red; quality the best. Pkt., 5c; ½ oz., 15c; oz., 20c; ¼ lb., 55c.

430. **NEW DWARF STONE.** Another of Livingston's recent introductions. The tomatoes are perfect in shape. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 50c.



439½. **OLDS' PINK BEAUTY.** A mid-season variety and the best purple tomato. The vines are strong, vigorous and heavy bearers; fruit large, very smooth and uniform in size. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 45c.



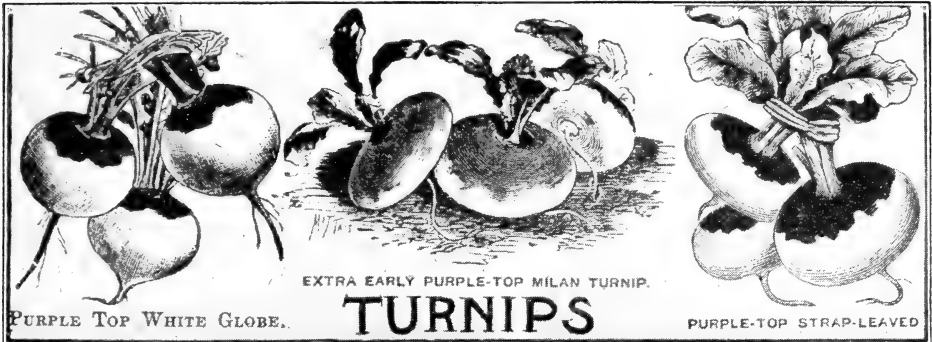
439. **OLDS' GOLDEN BEAUTY (Golden Queen).** A large, smooth, pure yellow tomato. Quality excellent in all respects, either for slicing or preserving. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 50c.

TOMATOES. Complete List.

One pound of any variety at three and one-half times the price of ¼ lb.	By mail, postpaid.			
	pkt.	½ oz.	oz.	¼ lb.
425. ★SPARK'S EARLIANA. Very early, and remarkable for its large size	\$.05	\$.10	\$.15	\$.40
426. ★SUCCESS. Just right for a second early	.05	.10	.15	.45
427. ★NEW STONE. Best of all for main crop; large, smooth and solid	.05	.10	.15	.40
428. FORDHOOK FIRST. A very satisfactory first early	.05	.10	.15	.50
429. ★MATCHLESS. Produces large, red tomatoes the entire season	.05	.10	.15	.45
430. NEW DWARF STONE. A recent introduction; strong, upright vines	.05	.10	.15	.50
431. TRUCKERS' FAVORITE. A large, purple tomato; very productive	.05	.10	.15	.40
432. DWARF CHAMPION. A popular dwarf variety	.05	.10	.15	.50
433. NEW MAGNUS. One of the finest yet introduced	.05	.10	.15	.45
434. CHALK'S EARLY JEWEL. One of the largest and finest	.05	.10	.15	.40
435. EARLY MICHIGAN. One of the best for second early	.05	.10	.15	.45
436. EARLY ACME. The standard bright pink tomato	.05	.10	.15	.45
437. PONDEROSA (Henderson's). The largest of all	.05	.15	.20	.60
438. ★ENORMOUS. The largest and smoothest tomato grown	.05	.15	.20	.55
439. OLDS' GOLDEN BEAUTY. Large, smooth and pure yellow	.05	.10	.15	.50
439½. OLDS' PINK BEAUTY. The best midseason pink variety	.05	.10	.15	.45
440. ★OLDS' NEW GLOBE. Livingston's 1905 Introduction. Page 65	.05	.15	.20	.55
441. THE HUMMER. Livingston's 1907 Introduction	.05	.15	.20	.60
442. NEW CORELESS. Livingston's 1908 Introduction. Page 65	.05	.15	.20	.60
443. JUNE PINK. The earliest of all pink tomatoes	.05	.10	.15	.50
444. BONNY BEST. A fine early home variety. See page 65	.05	.15	.20	.55
SMALL FRUITED VARIETIES. 445, Peach; 446, Yellow Pear; 446½, Red Pear; 447, Yellow Plum; 447½, Red Plum; 448, Red Cherry; 448½, Yellow Cherry; 449, Red Currant; 449½, Grape, each	.05	.10	.15	.45
450. SMALL FRUITED VARIETIES MIXED. Red, white and yellow	.05	.10	.15	.35
451. LARGE FRUITED VARIETIES MIXED. Tomatoes all season	.05	.10	.15	.30
455. STRAWBERRY or GROUND CHERRY. Yellow Husk Tomato. Fine for preserving or for pies	.05	.10	.15	.50

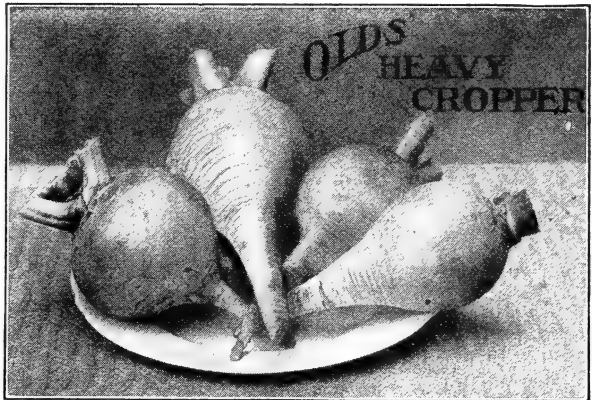
TURNIP AND RUTABAGA

Our seed is grown on the best adapted soils, and from selected stocks. Each packet contains $\frac{1}{4}$ oz. of seed, sufficient to sow 50 feet or more; 1 lb. will sow one acre in drills; 2 to 3 lbs., an acre broadcast. Those marked with a star are the varieties we specially recommend. Vitality of good seed 95%. Order by number. Two pounds or more at 5-pound rates.



460. **★PURPLE TOP STRAP LEAF.** The well-known standard variety, and a great favorite for table use. Flat in shape, purple above ground, and white below (see illustration). Our seed of this variety is of the best, and we sell more of this one sort than of all others combined. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 40c; 2 lbs., 75c, postpaid. Not prepaid: 5 lbs., \$1.20.

 470. **★OLDS' HEAVY CROPPER.** Round, yellow and very productive. One of the best varieties to grow as a field crop for stock; color of skin yellow above ground, white below, flesh yellow, fine grained and sweet. Grows to a large size—see illustration, is hardy, keeps well and is the heaviest cropping variety we know of. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 45c, postpaid. Not prepaid: 5 lbs., \$1.50.




466. **★SNOWBALL.** The most suitable white turnip for table use. Skin and flesh pure white; flesh crisp, tender and very sweet—very desirable for sowing early. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 45c, postpaid. Not prepaid: 5 lbs., \$1.50.


461. **★EXTRA EARLY PURPLE TOP MILAN.** A new strap-leaved turnip—the earliest in cultivation. The bulb is flat, of medium size, quite smooth and with a purple top. Flesh white, hard and of fine quality. It is a good keeper. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 95c.

465. **★PURPLE TOP WHITE GLOBE.** Very attractive in appearance (see illustration above); a rapid grower, with pure white flesh; a sure cropper, and a great yielder. Price, same as for Purple Top Strap Leaf.

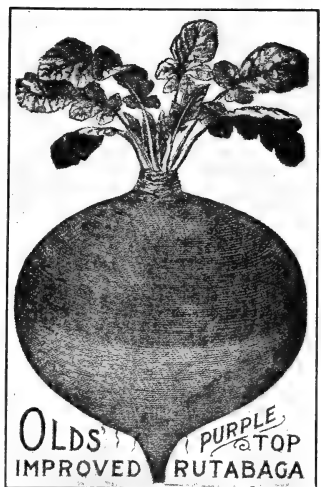
RUTA BAGA

 475. **★OLDS' IMPROVED PURPLE TOP.** An improved strain of the well-known standard variety. It is a heavy yielder and without tendency to long neck. It is hardy, productive, a good keeper and very satisfactory for both table use and stock. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 45c, postpaid. Not prepaid: 5 lbs., \$1.50.

476. **★IMPROVED YELLOW MAMMOTH.** In our opinion the most profitable sort to grow, as it is the hardiest, heaviest, best shaped and most productive. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 45c, postpaid. Not prepaid: 5 lbs., \$1.50.

 479. **★OLDS' GOLDEN HEART.** A new variety, fine grained, mild and sweet. W. H. Mayo, of Valton, Wis., says: "You have a valuable prize in your new Ruta Baga. It is not only fine grained, but is also a heavy yielder, making it a profitable crop to raise for the table or for stock feeding." Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c, postpaid. Not prepaid: 5 lbs., \$1.75.

Full and complete list Turnips and Ruta Bagas—page 68.



See page 34 for "Wisconsin Standards"—the seeds that have made our success.

TURNIP AND RUTABAGA. Full List.

If ordered by express or freight, deduct 10c per lb.

	By mail, postpaid.			
	pkt.	oz.	¼ lb.	lb.
460. ★PURPLE TOP STRAP LEAF. A well-known standard variety.	\$0.05	\$0.10	\$0.15	\$0.40
461. ★EXTRA EARLY PURPLE TOP MILAN. The earliest turnip. . . . .	.05	.10	.25	.95
462. EARLY WHITE MILAN. A rapid grower and very handsome. . . . .	.05	.10	.30	1.00
463. WHITE FLAT DUTCH. Flat, smooth, white, of medium size and a quick grower; one of the best. 5 lbs., not prepaid, \$1.50. . . . .	.05	.10	.15	.45
464. WHITE EGG. A quick grower, egg-shaped, smooth, with small top. . . . .	.05	.10	.15	.50
465. ★PURPLE TOP WHITE GLOBE. An early variety, globe-shaped. . . . .	.05	.10	.15	.40
466. ★SNOWBALL. Best white turnip for table use. . . . .	.05	.10	.15	.45
467. COW HORN. Grows large; fine for fall or winter. . . . .	.05	.10	.15	.35
470. OLDS' HEAVY CROPPER. Round, yellow and very productive. . . . .	.05	.10	.15	.45
471. GOLDEN BALL. The best yellow turnip for table use. . . . .	.05	.10	.15	.45
472. YELLOW ABERDEEN. The best yellow turnip for stock. . . . .	.05	.10	.15	.45
474. MIXED. Purple, white and yellow turnips all summer. . . . .	.05	.10	.15	.30
475. ★OLDS' IMPROVED PURPLE TOP RUTABAGA. The old standard. . . . .	.05	.10	.15	.45
476. ★IMPROVED YELLOW MAMMOTH RUTABAGA. Of good shape . . . . .	.05	.10	.15	.45
477. NEW NECKLESS RUTABAGA. Globe-shaped; yellow flesh. . . . .	.05	.10	.15	.50
478. OLDS' LARGE WHITE. Skin white; flesh white and sweet. . . . .	.05	.10	.15	.45
479. OLDS' GOLDEN HEART. Fine grained, mild and sweet . . . . .	.05	.10	.15	.50
479½. MIXED. A fine assortment of yellow and white rutabagas. . . . .	.05	.10	.15	.35

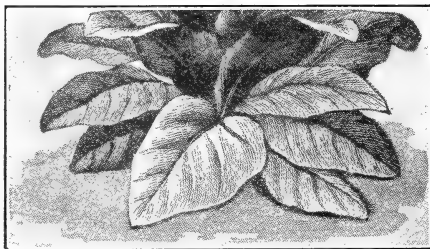
TOBACCO SEED.

We are located in the Wisconsin tobacco district and offer below the best seed that can be procured. Our packets each contain ⅛ oz. of seed; one ounce of seed will plant an acre.

500. COMSTOCK'S SPANISH. The favorite variety in Wisconsin. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 90c, postpaid.

501. CONNECTICUT SEED LEAF. Leaves of good length and width and the variety best adapted to the middle and northern states. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 50c.

502. IMPROVED WHITE BURLEY. An improved strain of the tobacco that has made Tennessee famous. It has a broad leaf and is much used for wrappers. Pkt., 5c; ½ oz., 15c; oz., 20c; ¼ lb., 60c, postpaid.



see famous. It has a broad leaf and is much used for wrappers. Pkt., 5c; ½ oz., 15c; oz., 20c; ¼ lb., 60c, postpaid.

ROSES AND OTHER CHOICE PLANTS.

SEPARATE CATALOGUE FREE ON REQUEST.

Our plant department contains a carefully selected assortment of roses and other choice plants mostly grown on their own roots and all well rooted.

We guarantee all plants purchased of us to arrive in good condition for growing. They are sent by themselves at about the time for planting. Our list is a select one, of the best sorts, northern grown and hardy.

Our plant catalogue is a 32-page book, with cover. It is nicely illustrated and gives full descriptions of the best and newest in plant life. If you wish to combine your plant and seed order drop us a card before ordering and we will send you a copy.

A 175 page illustrated book on "Home Floriculture," telling how to cultivate and grow flowering plants, for 25c postpaid, or free with an order for flower seed, plants and bulbs amounting to \$2.00 or more.

VEGETABLE PLANTS AND ROOTS

We have added vegetable plants to our list and can supply the following varieties in their proper season.

ASPARAGUS ROOTS. Strong, well-developed two-year-old roots. See page 35.

CABBAGE PLANTS. For April and May delivery. Select Early Jersey Wakefield, Allhead Early, Early Spring. Doz., 12c; 2 doz., 20c; 50, 35c, postpaid. By express or freight, not prepaid: 2 doz., 18c; 50, 30c; 100, 50c.

CAULIFLOWER PLANTS. Transplanted from hotbed; ready in April and May. Improved Early Snowball, Dry Weather. ½ doz., 15c; doz., 25c; 2 doz., 45c, postpaid. Not prepaid, doz., 20c; 2 doz., 35c; 50, 60c.

CELERY PLANTS. Selected transplanted stock grown from our own seed; ready in July. White Plume; the earliest variety; Golden Self-Blanching, the best for all purposes; Winter Queen, the best variety for winter use. Doz., 15c; 2 doz., 25c; 50, 45c, postpaid. Not prepaid, 2 doz., 20c; 50, 35c; 100, 60c.

EGG PLANTS. Grown in pots; ready in May and June. Black Beauty, the best early variety; New York Improved, large, smooth and spineless. ½ doz., 45c; doz., 75c; 2 doz., \$1.25, postpaid. Not prepaid: Doz., 50c; 2 doz., 90c; 50, \$1.75.

HORSE RADISH. Good clean sets. Doz., 10c; 2 doz., 15c; 100 for 60c, postpaid. Not prepaid, 100 for 40c.

PEPPER PLANTS. Transplanted from hotbed; ready in May and June. Bell, or Bull Nose, the best known; Ruby King, the most popular red; Long Red Cayenne, hot and pungent. ½ doz., 15c; doz., 20c; 2 doz., 35c, postpaid. Not prepaid: Doz., 18c; 2 doz., 30c; 50, 50c.

RHUBARB ROOTS. Good strong roots. 10c. each; 3 for 25c; ½ doz., 40c; doz., 75c, postpaid. Not prepaid: ½ doz., 30c; doz., 50c; 2 doz., 80c.

TOMATO PLANTS. Transplanted from hotbed; ready in May and June. Spark's Earliana, very early; Success, second early; Matchless, fine tomatoes the entire season; Enormous, very large and smooth; Small F-ruited Varieties, mixed. ½ doz., 15c; doz., 25c; 2 doz., 45c, postpaid. Not prepaid: Doz., 20c; 2 doz., 35c; 50, 60c.

COLLECTIONS

These collections contain full sized packets, the same as offered throughout the catalogue. They are put up before the busy season and we cannot make any changes. Prices are net. Discount offers on page 33 do not apply to collections.

EXPOSITION COLLECTION.

8 CHOICE VEGETABLES AND 5 POPULAR FLOWERS.

- 13 PACKETS FOR 25 CENTS.
- 52. BEET, New Crimson Globe (page 39)..... 5 cts.
 - 70. CABBAGE, Old's Select Jersey Wakefield... 5 cts.
 - 164. CUCUMBER, Olds' Select White Spine (p. 48) 5 cts.
 - 215. LETTUCE, Olds' Earliest Forcing (page 51) 5 cts.
 - 243. MUSKMELON, Paul Rose (page 52)..... 5 cts.
 - 295. ONION, Olds' Longkeeper (page 57)..... 5 cts.
 - 373. RADISH, Olds' Improved French Breakfast. 5 cts.
 - 425. TOMATO, Spark's Earliana (page 65).... 5 cts.
 - 806. ASTER, White Ostrich Plume (page 70)... 10 cts.
 - 1045. MORNING GLORY, New Japanese (page 73) 5 cts.
 - 1060. NASTURTIUM, Finest Tall Mixed (page 73) 5 cts.
 - 1077. PANSY, Olds' Large Flowering Mixed (p. 74) 10 cts.
 - 1200. SWEET PEAS, Olds' Prize Mixed (page 77) 5 cts.

At regular catalogue prices, the above 13 packets amount to 75 cents, but to induce all to give Olds' Seeds a trial, we offer the collection for 25 cents, by mail, postpaid; 5 collections for \$1.00. If by express or freight, not prepaid, 6 collections for \$1.00.



EARLY BIRD COLLECTION.

40 CTS., POSTPAID, WITH A 25c CREDIT.

This collection consists of ten vegetables most suitable for an Early Family Garden. One packet each—10 pkts. in all—for 40 cents: TOMATO—The New Globe, Livingston's 1905 introduction (440, page 65). BEET—Olds' Improved Blood Turnip (41, page 39). LETTUCE—New Unrivaled (223, page 51). RADISH—Crimson Giant (376, page 63). CABBAGE—Olds' Select Early Jersey Wakefield (70, page 40). ONION—Olds' Longkeeper (295, page 57). CUCUMBER—Early Cyclone, the king of the earliest (168, page 48). SWEET CORN—Peep O'Day (135, page 45). BEANS—Stringless Green Pod (15, page 36). PEAS—Surprise; a new pea, well named (320, page 58).

The above are ten regular, full-sized packets, and we offer them for 40 cents, postpaid; 3 collections for \$1.00. By express or freight, not prepaid: 1 collection 35c; 4 for \$1.25.

Each collection is enclosed in a coupon envelope, which, when returned to us, will be accepted as a cash payment of 25 cts. on an order of \$1.00 or more.

No. 3. STAR COLLECTION. 57c Worth for 25c.

This Collection is a very popular one and most suitable for an early garden. One packet each—10 pkts. in all—for 25 cents: Beet 44, Cabbage 71, Cucumber 168, Lettuce 215, Muskmelon (Rocky Ford) 244, Onion (Red Globe) 298, Parsnip (Improved Guernsey) 310, Radish 371, Spinach 402, and Tomato 428.

On account of the liberal discount on packets—see page 33—we have discontinued most of our Collection offers.

No. 1. ANNUAL COLLECTION. 49c Worth for 15c.

This Flower Seed Collection is a great favorite—it contains 10 popular Annuals; fresh seeds. One packet each—10 packets in all—for 15 cts.: Aster 802, Balsam 860, Pink 952, Pansy 1078, Petunia 1102, Phlox 1112, Verbena 1307, Sweet Peas 1202, Mignonette (Sweet) 1035, and Sweet Alyssum 830.

Don't miss Our New Sweet Peas—4 flowers to a stem. (See page 76.)

BOYS' AND GIRLS'.

This Collection 20 Cents, with the Whole Amount Refunded in Seeds.

This collection contains full-sized packets of eight useful vegetables and five flowers of easy culture. One packet each—13 pkts. in all—for 20 cents, with a refund in seeds: Beet—The earliest blood turnip; Lettuce—Good the whole season; Radish—Grows quick, good and handsome; Spinach—Very hardy, fine flavored and ornamental; Turnip—Very productive and good for any purpose; Pop Corn—Pops like flakes of snow—large, tender and just right—see page 47; Peanuts—The largest and sweetest kind—see page 47; Muskmelon—Our New Early Model—see page 52; Asters—Many colors, large and double; Dianthus—The best China Pinks; Petunia—The kind that produces large flowers; Verbena—All fine shades, and our Old-Fashioned Garden Mixture. See below. Each collection is put in a coupon envelope, good for 20 cents.

Send for one or more of these collections, give the coupon envelopes to father and have him use them as cash in part payment on his orders, paying you 20 cents each.

No. 6. BEST BARGAIN COLLECTION. \$1.33 Worth for 50c.

This Collection is our best bargain in vegetable seeds—no two alike. It includes our "Star" Collection—10 pkts. most suitable for an early garden, together with one packet each: Beet 51, Cabbage 79, Carrot 103, Celery 115, Sugar Corn (fine for early) 135, Sugar Corn (excellent for late) 146, Cucumber (king of picklers) 158, Lettuce (a sure header) 217, Muskmelon (Netted Gem) 237, Watermelon 261, Onion 285, Radish 370, Squash 413, Tomato 427, and Turnip 461. 25 packets in all for 50 cents.

No. 2. GEM COLLECTION. 93c Worth for 25c.

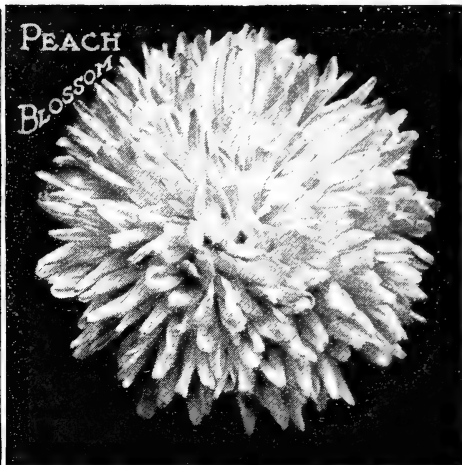
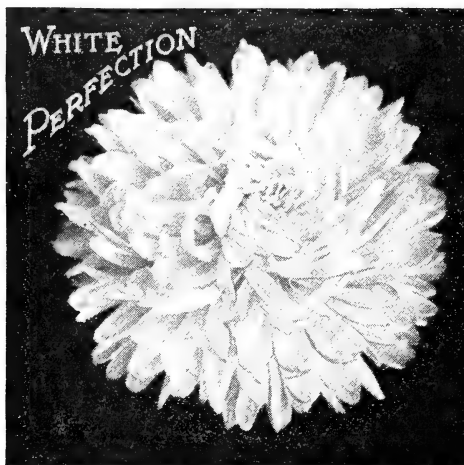
This Collection is hard to beat—it includes some of our best varieties. One packet each—12 pkts. in all—for 25 cts.: Aster 806, Carnation (Marguerite) 900, Alyssum (Little Gem) 831, Mignonette 1035, Morning Glory (Japanese) 1045, Nasturtium 1050, Pansy 1077, Petunia 1101, Phlox 1111, Poppy 1121, Sweet Peas 1200, and Verbena 1306.

OLD-FASHIONED GARDEN MIXTURE.

For the sake of the old folks, who love the old-fashioned flowers, and for the value of the flowers themselves, you should never have a garden without some of the following: Bachelor's Button, Balsam, Candytuft, Hollyhock, Larkspur, Mignonette and others. Pkt. (1/4 oz.), 5c.

See next page for our Flower Seed Department. We know our Flower Seeds will give satisfaction and in addition to the Cash Discounts mentioned on page 33, we will, providing the order amounts to 25 cents, or more, give free, on request, a full sized packet of Old Fashioned Garden Mixture.

FLOWER SEED DEPARTMENT



Our Flower Seeds are equal to the best offered anywhere. Our list has been revised, new varieties of merit added and inferior sorts thrown out.

We allow a Cash Discount of from 25 to 35 per cent on Flower Seeds by the packet (see page 33) and if the order amounts to 25 cents, or more, a full sized packet of Old Fashioned Garden Mixture, free, on request.

Order by the number, as shown at the left of each variety. Wherever the following abbreviations occur, A indicates Annual, one that grows, blooms and dies the first year from seed; B indicates Biennial, that blooms the second year from seed; P indicates Perennial, that usually blooms the second year from seed, and continues to grow and bloom several years—if sown early, some Biennials and Perennials will bloom the first year; H means Hardy, H H means Half Hardy, and T Tender—thus, H. H. A. is a Half Hardy Annual.

ASTERS.

Packets contain about 150 seeds each.

No plant produces a more handsome effect, and no garden is complete without these old favorites; of easy culture. H. A.

800. Olds' Finest Mixed. Largest flowering finest mixed. This is a mixture of the best varieties; large flowers; bright colors and a splendid assortment. These Asters are very fine, having been grown from the best selected stocks. Pkt., 10c; 2 pkts., 15c.

801. Peony Flowered Mixed, Truffaut's. Plants literally covered with large, double flowers of rich, brilliant colors. Pkt., 5c.

802. Giant Comet Mixed. Immense double flowers, resembling chrysanthemums. Pkt., 5c.

803. Victoria Mixed. Very handsome. The petals curve out and down, while those of the Peony Flowered curve up and in. Pkt., 5c.

804. Chrysanthemum Flowered. Dwarf mixed; large, handsome flowers. Pkt., 5c.

806. White Ostrich Plume. Without doubt one of the finest asters grown. Large, graceful flowers, free from all stiffness; very suitable for cut flowers. Pkt., 5c; 3 pkts., 10c.

807. Model Ostrich Plume. A new distinct variety; bright rose colored flowers. Pkt., 5c.

809. New Japanese. A very striking variety. Tassel-shaped flowers. Pkt., 5c.

810. Snowball. The best dwarf, white aster. A profuse bloomer; snow-white flowers of immense size. Pkt., 5c.

811. Daybreak. Delicate pink, globe-shaped flowers. Pkt., 5c.

812. Alice Roosevelt. Delicate yellow, changing to flesh color. Pkt., 10c; 2 pkts., 15c.

813. Violet King. Handsome, double, violet-colored flowers. Pkt., 10c; 2 pkts., 15c.

814. White Hercules. Strong stems 15 to 20 inches high; pure white flowers 6 to 7 inches in diameter. Pkt., 15c; 2 pkts., 25c.

815. Vick's Cardinal. The best bedding aster yet introduced. Pkt., 10c; 2 pkts., 15c.

816. Purity. Large double flowers, of fine form and pure snowy whiteness. To secure the largest flowers, plant early in spring. Pkt., 10c.

817. Christmas Tree. Large flowers; plants compact and pyramidal in form. Pkt., 5c.

818. Mikado Pink. A new variety, recently chosen the representative flower of the city of Rochester, N. Y., and probably the most popular Aster of today. Long graceful stems, producing large, delicate lavender pink flowers. Pkt., 5c.

819. Upright Pink. A single plant of this variety is a bouquet in itself. When the flower first opens it is almost white, shading to a decided lavender pink when in full bloom. Pkt., 5c.

TWO NEW ASTERS.

One packet each 35 cts.

We call special attention to these new introductions. Everyone is interested in growing asters; they are favorites both with the florists and the amateur. We have added to our list two varieties of merit—The Peach Blossom and White Perfection.

808. White Perfection. The finest midseason white aster in cultivation. The flowers are four inches in diameter, of fine form and produced on tall upright plants. The plants are vigorous in growth and usually carry twelve large flowers each (see illustration above) on long stems. Pkt., 25c; 2 pkts., 40c.

810½. Peach Blossom. A decided and most pleasing shade of lavender pink. The flowers are large and thick and have a massive effect—see illustration above. The plants produce long stems that hold the flowers up at all times. Pkt., 25c; 2 pkts., 40c.

No matter what you order from this catalogue, you can rest assured you will get full returns for your money.

\$0.50 worth of Flower Seeds in Pkts. for \$0.35	
1.00 " " Flower Seeds " Pkts. "	.65
1.50 " " Flower Seeds " Pkts. "	.95
2.00 " " Flower Seeds " Pkts. "	1.15

ABUTILON (Chinese Bell Flower). A splendid house plant. T. P.

820. Fine Mixed. Extra fine. Pkt., 7c.

AGERATUM (Floss Flower). Fine bedding plants; valuable for borders. H. H. A.

825. Fine Mixed. Pkt., 5c.

ALYSSUM. A great favorite. H. A.

830. Sweet Maritimum. White. Pkt., 5c.

831. Little Gem. Snow-white. Pkt., 5c.

832. Little Dorrit. Very compact; excellent for beds or borders. Pkt., 5c.

AMARANTHUS. A very strong and rapid grower; ornamental foliage. H. H. A.

835. Splendens. Finest mixed. Pkt., 5c.

ANTIRRHINUM (Snapdragon). Very showy; blooming first season from seed. H. P.

840. Dwarf Mixed. Compact. Pkt., 5c.

841. Giant Fragrant. Mixed. Large, double, fragrant flowers. Pkt., 5c.

842. Snowflake. Pure white. Pkt., 5c.

AQUILEGIA (Centaurea). Splendid for permanent borders; of easy culture. H. P.

845. Double Mixed. Very fine. Pkt., 5c.

ASPARAGUS PLANT. A beautiful plant for the house; easily raised from seed. It can be started any month of the year.

850. Plumosus Nanus. Pkt. (25 seeds), 15c.

BACHELOR'S BUTTON (Centaurea Cyanus). Free flowering plant; blooms until frost. H. A.

855. Mixed. Very choice. Pkt., 5c.

BALSAM. Pkts. contain 30 to 50 seeds.

Balsams, like asters, are one of our specialties. Our strain cannot be excelled. Large double flowers in great abundance. H. A.

860. Olds' Camelia Flowered Mixed. Large, perfect, double flowers. Mixed colors. Pkt., 5c.

861. White Perfection. Pkt., 5c.

CALENDULA (Pot Marigold). Profuse bloomers all summer. H. A.

865. Double Mixed. Fine shades. Pkt., 5c.

CALIFORNIA POPPY (Eschscholtzia). Compact and bushy; fine foliage, covered with a mass of showy flowers. H. A.

870. Fine Mixed. Many colors. Pkt., 5c.

871. Rose Queen. Rose carmine. Pkt., 5c.

872. Carmine King. Carmine rose. A new and distinct color in this charming annual; novel, brilliant and very effective. Pkt., 5c.

CALLOPSIS (Coreopsis). One of our best free blooming summer plants; of easy culture.

875. Fine Mixed. Fine for cut flowers. Pkt., 5c.

CANARY BIRD FLOWER. One of the most desirable climbers, producing yellow-fringed flowers throughout the whole season. H. H. A.

880. Tropaeolum Canariense. Pkt., 5c.

CANDYTUFT. One of the most popular flowers grown; fine for beds or edgings. H. A.

885. Olds' Choice Mixed. A fine assortment of sorts and colors mixed. We have been very careful with this mixture—try it. Pkt., 5c.

886. Giant Empress. A new sort. Flowers borne on long spikes. Pure white. Pkt., 5c.

887. Snowflake. Free flowering. Pkt., 5c.

888. Dwarf Hybrids Mixed. Dwarf and compact. Pkt., 5c.

CANNA, Large Flowering French. A new and distinct class of Cannas of dwarf habit and producing very large flowers.

890. Crozy's Best Mixed. All the finest colors. Soak the seed twelve hours in warm water before sowing. Pkt., 5c; oz., 20c.

CANTERBURY BELLS (Campanula Medium). Handsome, rich and stately; profuse bloomers.

895. Mixed. Best and most striking single and double varieties. Pkt., 5c.

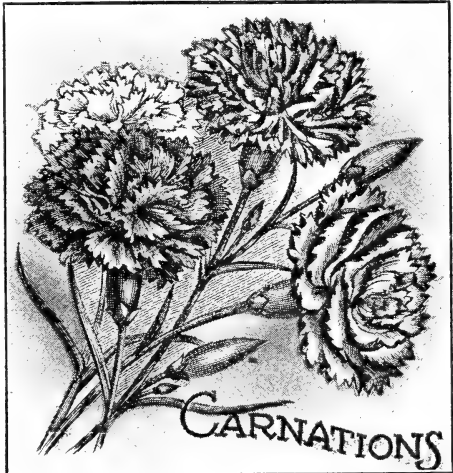
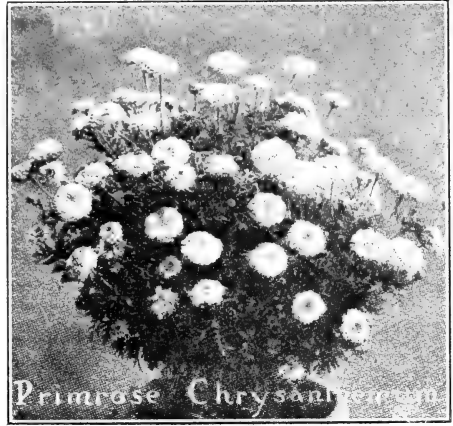
CARNATIONS (900, opposite column). From seed. Pkt., 5c.

CELOSIA (Cockscomb). Plume-shaped flowers. 905. Ostrich Plume. Crimson flowers, curled like an ostrich plume. Pkt., 5c.

CENTAUREA. Profuse bloomers, suitable for bouquets and general floral decoration. H. A.

910. Margaret. Pure white flowers. Pkt., 5c.

911. Imperialis. A new, sweet-scented Centaurea; very showy. Pkt., 5c.



CARNATIONS. From seed. Carnations are very much admired for their beauty and fragrance; will bloom in about four months after sowing—seed sown in the fall, slightly protected over winter, will produce plants in full bloom early in the spring. H. H. P.

900. Marguerite. New Giant; producing large flowers of fine form—illustration above. Pkt., 5c.

Page 68 for book on Roses and other plants.

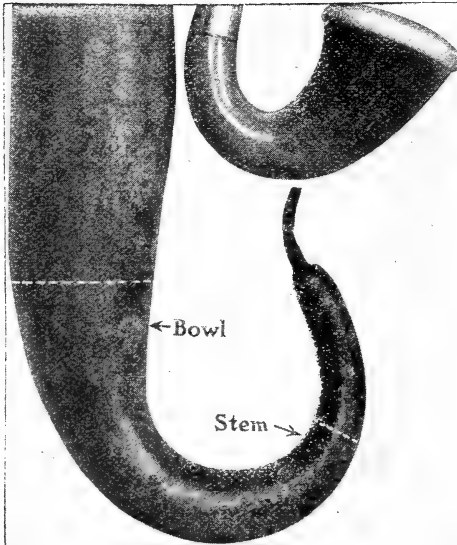
25 to 35 per cent cash discount on flower seeds, by the packet.—See page 33.



PEONY-FLOWERED DAHLIA



Crimson Glow Cobaea



Genuine Pipe or Calabash Gourd (997). A rapid growing vine, producing fruits which are used in the manufacture of calabash pipes. This gourd comes true to name—see illustration above. Pkt., 10c; 2 pkts., 15c. Other useful gourds—page 50.

CHRYSANTHEMUM. Blooming continually all summer; suitable for pot culture. H. A.

915. Mixed. Single and double. Pkt., 5c.

916. Snowball. Large, perfect, pure white flowers. Pkt., 5c.

917. Dwarf Golden Gem. Compact. Pkt., 5c.

918. Dwarf Primrose. Bright primrose. See illustration, page 71. Pkt., 5c.

COBAEA SCANDENS. One of our finest summer climbers, a very rapid grower. H. H. P.

920. Purple. Bell-shaped flowers. Pkt., 5c.

COSMOS. A very handsome flower, becoming more popular every year. One of the last flowers to bloom in the fall; fine for vases. H. H. A.

925. Giant-Flowered Mixed. Pkt., 5c.

926. Early Dwarf Dawn. A new variety. Blooming in July and until frost. Pkt., 5c.

927. Lady Lenox. A new giant-flowered variety. See illustration, page 71. Pkt., 5c.

928. Mammoth White Perfection. An improved variety; fine for vases, keeping several days in water. Pkt., 5c.

CYPRESS VINE. A very beautiful climber.

930. Mixed. Rose, scarlet and white. Pkt., 5c.

931. Ivy Leaved. A new scarlet variety with ivy-shaped leaves. Pkt., 5c.

CYCLAMEN. A beautiful pot plant, flowering from seed the first year.

933. Giant Flowered. Mixed. 25 seeds, 15c; 15 seeds, 10c.

DAHLIAS.

From Seed; blooming the first season. H. H. P. Dahlia Bulbs, page 79.

935. Double Mixed. Large flowering. Pkt., 5c.

936. Superb Single. Mixed colors. Pkt., 5c.

937. Double Peony Flowered. Large flowers from seed. See illustration (a photograph), Pkt., 10c; 2 pkts., 15c.

DOUBLE DAISIES.

One of the most charming early spring flowers; very easily raised from seed. H. H. P.

940. Fine Mixed. All colors. Pkt., 5c.

941. New Snowball. Very large and double. Pure white. Pkt., 5c.

942. The Bride. Pure white. Pkt., 5c.

943. Delicata. White, tinged with rose. 5c.

944. Shasta. A new sort, with very large, graceful flowers. Pkt., 10c; 2 pkts., 15c.

DATURA. Showy trumpet-shaped flowers. H. A.

945. Cornucopia (Horn of Plenty). Pkt., 5c.

DIANTHUS.

One of the most bountiful bloomers the garden can contain; blooming the first summer and also the second if protected over winter. H. B.

950. Double Chinese. Extra choice. 5c.

951. Single Chinese. Extra fine. Pkt., 5c.

952. Imperialis fl. pl. Mixed colors. 5c.

953. Little Gem. With carmine eye. 5c.

954. Purity. Pure white. Pkt., 5c.

955. Snowdrift. One of the most beautiful pinks ever introduced. Pkt., 5c.

956. New Japanese Pink. A new variety, producing very large flowers; laced and fringed and of many distinct colors. Pkt., 5c.

DOLICHOS (Hyacinth Bean). A rapid growing climber; pea-shaped blossoms.

960. Mixed. Very striking. Pkt., 5c.

EVERLASTING FLOWERS. Beautiful flowers of a great variety of color. H. A.

965. Helichrysum. Very fine. Pkt., 5c.

FORGET-ME-NOT (Myosotis). Everybody's favorite. Star-like flowers. Blooming first year.

970. Mixed. Many colors. Pkt., 5c.

FOUR O'CLOCK (Marvel of Peru). H. A.

975. Fine Mixed. Pkt., 5c.

FUCHSIA (from seed). This well-known plant can easily be grown from seed.

980. Double Mixed. Pkt., 15c; 2 pkts., 25c.

GAILLARDIA (Blanket Flower). Very desirable for masses, borders and for cutting. H. H. A.

985. Double Mixed. Round as a ball. Pkt., 5c.

GODETIA. Constant bloomers, very attractive, and well adapted to any soil. H. A.

990. Finest Mixed. Sure to please. Pkt., 5c.

991. Sunset. Rosy crimson. Pkt., 5c.

992. Crimson Glow. Bright crimson. See illustration above. Pkt., 5c.

GOURDS, Ornamental. Also useful as well as ornamental. T. A. See page 50 for named sorts.
 995. **Mixed.** Many sorts. Pkt., 5c.
 996. **Chinese Bottle.** Useful as well as ornamental. Pkt., 5c; ½ oz., 15c.
 997. **Genuine Pipe.** Comes true to name. See page 72. Pkt. 10c; 2 pkts., 15c.
HELIOTROPE. From seed the first year. Produces delicate blue and white flowers the entire season; very fragrant. H. H. P.
 1000. **Choice Mixed. Pkt., over 500 seeds, 5c.**
HOLLYHOCK. A perennial. Seed sown in June or July will produce plants that will bloom early the next summer. H. P.
 1005. **Double Mixed.** Producing the largest and finest double flowers. Pkt., 5c.
HUMULUS (Japanese Hop). A rapid growing climber, with luxuriant foliage. H. A.
 1010. **Japonicus.** Withstands heat, drought and insects. Pkt. of over 50 seeds, 5c.
LARKSPUR, Tall Rocket. One of the best known of our garden flowers. H. A.
 1015. **Fine Mixed.** Best varieties. 5c.
LATHRYUS (Everlasting Peas). Very attractive and effective.
 1020. **Litifolius Mixed. Pkt., 5c.**
LOBELIA (Cardinal Flower). For edgings.
 1025. **Mixed. Dwarf varieties. 5c.**
MARIGOLD. Very effective for beds or borders, of easy culture. H. H. A.
 1030. **Mixed. Dwarf French. Pkt., 5c.**
MIGNONETTE. A great favorite; sweet and fragrant. H. A.
 1035. **Pure Mchet.** An extra fine strain. Dwarf and compact. Pkt., 5c.
 1036. **Yellow Prince.** Large canary-yellow flowers; dwarf and compact. Pkt., 5c.
 1037. **White Pearl.** This is a new variety; white-flowered mchet. Pkt., 10c; 2 pkts., 15c.
MCOFLOWER (*Ipomoea Noctiflora*).
 1040. **White Seeded. Pkt., 5c.**
 1042. **Pink. Ivy Leaved. Rosy pink. 5c.**

MORNING GLORIES.

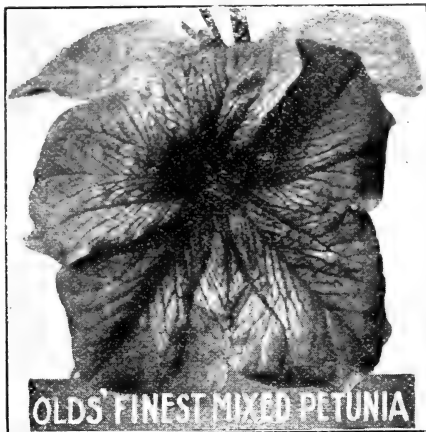
The Finest Annual Climbers in Existence. We take delight in our Morning Glories.
 1045. **Imperial Japanese.** Wonders of nature. Pkt., 5c; oz., 15c; ¼ lb., 50c.
 1046. **Dwarf Mixed. Pkt., 3c; oz., 5c.**
NASTURTIUMS. See below.
NICOTIANA. Bushy plants laden with bright red flowers; of easy culture.
 1070. **Sanderae.** Hardy Annual. Pkt., 5c.
 Earle G. Selner, Mishawaka, Ind., July 20th, 1912, says: "We have tested your seeds and find them more than expected. Please send me your catalogue of Roses and other choice plants."

NASTURTIUMS.

Dwarf or Tom Thumb Varieties are unrivaled in beauty. They bloom profusely and are well adapted to poor soil.
 1050. **Dwarf Mixed.** All choice colors. Pkt., 5c; oz., 10c; ¼ lb., 15c.
 1051. **Empres of India.** Deep crimson, dark leaved. Pkt., 5c; oz., 10c.
 1052. **Ladybird.** Golden yellow, barred with crimson. Pkt., 5c; oz., 10c.
 1053. **Chameleon.** Dwarf French, variegated colors. Pkt., 5c; oz., 10c.
 1054. **Dwarf Fireball.** A new distinct variety, with deep orange-scarlet flowers. Pkt., 5c.
 1054½. **Dwarf Beauty.** Compact plants; bright scarlet flowers; well above the foliage. Pkt., 5c.
 1055. **Queen of Tom Thumbs.** Plants dwarf and compact; silver variegated foliage; bright crimson flowers. Pkt. (½ oz.), 5c.
 See page 68 for our book on Roses and other choice plants, also a 175 page illustrated book on Home "Floriculture."

TALL NASTURTIUMS.

The tall varieties are suitable for trellis, porch or veranda decorations, and no flower is more attractive or brighter than these.
 1060. **Tall Mixed.** The finest assortment. Pkt., 5c; oz., 10c; ¼ lb., 15c.
 1061. **Scarlet Beauty.** Variegated-leaved. 5c.
 1062. **Crimson Beauty.** Variegated-leaved. 5c.
 1063. **Ivy Leaved.** A new, distinct variety; ivy-shaped leaves. Pkt., 5c; oz., 15c.



CLIMBING NASTURTIUMS.

Flowers are borne in great profusion.
 1065. **Lobbs' Mixed. Pkt., 5c; oz., 10c.**
 1066. **Madam Gunther's Hybrids.** A new sort, very choice. Pkt., 5c; oz., 10c.
 One-quarter pound of any Nasturtium at three and one-half times cost of one ounce, when not otherwise mentioned; 1 lb., 3½ times cost of ¼ lb. By express or freight, not prepaid, 10c. per lb. less.

25 to 35 per cent cash discount on flower seeds, by the packet.—See page 33.

OLDS' GIANT PRIZE AND OTHER PANSIES.

Finest Selection of Pansies that can be found anywhere. Choice pansy seed is our greatest specialty in Flower Seeds—nothing is more important in our select list, and we have spared no trouble or expense to have the very best. Our packets contain about 150 seeds each.



1075. OLDS' GIANT PRIZE MIXED. This seed produces the largest, richest and best formed flowers of any we have ever offered, and we believe, from our own trials, there is no better pansy mixture to be had anywhere or at any price—see illustration, a photograph reduced in size. Pkt., 25c; 3 pkts., 60c; 6 pkts., \$1.00.

1076. INTERNATIONAL MIXED. A very fine mixture of pansy seed, gathered from all nations; saved from named exhibition flowers. The usual price of this mixture is 25 cents per packet. Pkt., 20c; 3 pkts., 50c; 7 pkts., \$1.00.

1077. OLDS' LARGE FLOWERING. A superb mixture, producing large flowers, of a great variety of charming colors—the best German varieties mixed. Pkt., 15c; 2 pkts., 25c; 5 pkts., 50c.

1078. OLDS' ROYAL MIXED. A choice mixture of English large-flowering varieties; including the newest, richest and finest sorts. Pkt., 10c; 2 pkts., 15c.

Any one sending us the names of ten prospective buyers can have a packet of No. 1078 free in addition to their order—please mention it when ordering. This is in addition to any other offer.

1079. GIANT TRIMARDEAU MIXED. Large flowers; rich and varied shades. Each flower is marked with three large blotches. Pkt., 5c.

1080. MASTERPIECE. A new, distinct variety; large, beautifully colored flowers. The petals are frilled and ruffled, giving the flower a unique double appearance. Pkt., 10c.

1081. HERCULES GIANT. An abundant bloomer, with no small flowers; petals very large and rich in coloring and markings. Pkt., 15c; 2 pkts., 25c.

1082. MATCHLESS. A new variety; perfectly formed flowers, with a matchless variety of art color shades, which must be seen to be fully appreciated. Pkt., 15c; 2 pkts., 25c.

1083. PRINCESS. A new distinct variety. The stalks are firm, strong and upright—see illustration below; flowers freely. Pkt., 15c.

BEDDING PANSIES.

Named sorts. Any 3 packets for 10 cents.

1085. SNOW QUEEN. Pure white, center slightly tinged with yellow. Pkt., 5c.

1086. FAUST. King of the blacks. Pkt., 5c.

1087. GOLDEN GEM. Golden yellow, without black center. Pkt., 5c.

1088. SUNSHINE. Striped and mottled. Pkt., 5 cents.

One pkt. each, and 1 pkt. Royal Mixed, amounting to 30c, for 25c.

WHITE HOUSE PANSIES.

Named sorts. Of the largest size, finest form and good substance. Any 2 pkts., 15c.

1090. PRESIDENT MCKINLEY. Very effective. Black, bordered with yellow. Pkt., 10c.

1091. GIANT PURE WHITE. Large, pure white flowers, without blotches. Pkt., 10c.

1092. BLACK PRINCE. Giant jet black flowers. Pkt., 10c.

1093. GOLDEN QUEEN. Large, pure golden yellow, shaded with canary. Pkt., 10c.

PETUNIAS.

The Petunia is the people's flower. Very showy in beds and masses; a universal favorite on account of its richness of color, fragrance and continuous blooming. H. H. P.

1100. OLDS' FINEST MIXED. Everybody loves petunias—they are such free bloomers, but many are often disappointed because the flowers are so small. Olds' Finest Mixed produces the largest flowers—see illustration page 73. Pkt., 25c.

1101. Fine Mixed. Large flowers of the finest colors mixed. Pkt., 15c; 2 pkts., 25c.

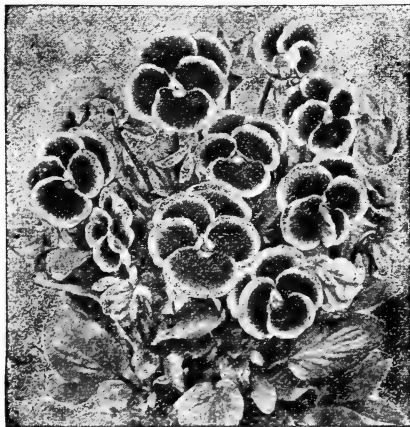
1102. Choice Mixed. A free bloomer, producing in great abundance, bright flowers. Pkt., 5c.

1105. Snowball. Pure satiny white flowers, suitable for edgings. Pkt., 5c.

1106. Giant Excelsior. A new large-flowering variety. The Excelsior is a strong, vigorous grower, producing large flowers in a grand variety of colors. Pkt., 20c.

1109. Double Mixed. Very handsome large flowers. Pkt. (30 seeds), 10c.

Mrs. Lilla Ryan, of Sharon Farm, Mar. 9th, 1912, writes: "I received the plants you sent me in good condition and I certainly appreciate the care you have taken with them."



ROSES AND OTHER CHOICE PLANTS. Catalogue free on request—See page 68.

PHLOX DRUMMONDII.

- 1110. OLDS' FINEST MIXED.** Every one is attracted by a showy flower—there are none more brilliant than our Finest Mixed Phlox. Pkt., 10c; 2 pkts., 15c.
1111. **Grandiflora Mixed.** Large-flowering mixed varieties. Pkt., 5c.
1112. **Dummondii Fine Mixed.** Pkt., 5c.
1113. **New Dwarf Cicily.** Large red and purple flowers, with a distinct white eye. Pkt., 5c.
1114. **Starred and Fringed.** A distinct variety; star-like flowers. Pkt., 5c.
1115. **Grandiflora Alba.** Large, pure white flowers; fine for borders. Pkt., 5c.
1116. **New Yellow.** Flowers extra large; of a rich straw yellow. Pkt., 5c.
1117. **Snowball.** Flowers pure white; resembling snowballs. Pkt., 7c.
1118. **Double Mixed.** Fine for cutting, lasting better than the single sorts. Pkt., 5c.

POPPIES.

Great favorites with everybody—old-fashioned but very showy; greatly improved varieties. See illustration, page 73.

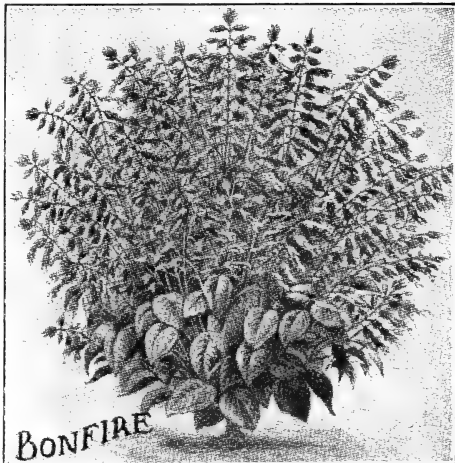
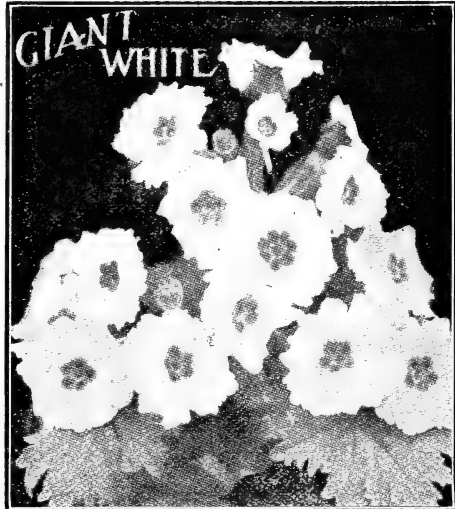
1120. **Olds' Finest Mixed.** Very large flowers, of good form and substance. Pkt., 5c.
1121. **Improved Carnation.** Double mixed. A splendid mixture. Pkt., 5c.
1122. **Reselected Shirley.** Compact. 5c.
1123. **White Swan.** Double white; very effective and desirable. Pkt., 5c.
1124. **Double Yellow.** A new color. 5c.
1125. **Santa Rosa.** A new poppy. 5c.
1126. **Admiral.** A striking variety; large, smooth-edged flowers; white, with a broad band of brilliant scarlet around the top. Pkt., 5c.
1127. **Marion.** The Carnation—Flowered Poppy. Pkt., 7c.
1128. **Iceland Mixed.** Beautiful and fragrant; excellent for vases. Pkt., 5c.
1129. **Black Prince.** A choice new single variety; brilliant brown in color. Pkt., 5c.
- 1129½. **King Edward.** Deep scarlet with a large blotch at the base of each petal. Pkt., 10c.
- PORTULACA.** Unrivalled for beauty. H. A.
1130. **Double Flowering.** A fine assortment of choice double flowers. Pkt., 7c.
1131. **Single Mixed.** All colors. Pkt., 5c.
- PLATYCODON.** Easily raised from seed. H. P.
1133. **Japonicus.** Fl. Fl. The Japanese Bell Flower. Pkt., 10c.

PRIMULA (Chinese Primrose). Easily grown from seed. Sow early and transplant.

1135. **Large Flowering.** Mixed. Pkt., 10c.
1137. **Giant Pink.** Best pink. Pkt., 25c.
1138. **Giant White.** Best white. See illustration opposite. Pkt., 25c.
1139. **Oleconia.** Grandiflora mixed. 10c.
- RICINUS (Castor Oil Bean).** Tall-growing ornamental plants; useful as centers for beds.
1140. **Mixed.** 6 to 15 ft. high. Pkt., 5c.
- SALPIGLOESSIS (Velvet Flower).** A great favorite. A continual bloomer. H. H. A.
1145. **Fine Mixed.** Very ornamental. 5c.
- SALVIA SPLENDENS (Flowering Sage).** Very popular. H. H. P.
1150. **Scarlet Sage.** Brilliant flowers. 8c.
1151. **Fireball.** Covered with brilliant spikes; flowers resembling balls of fire. Pkt., 10c.
1152. **Patens.** Bright blue flowers. 10c.
1153. **Bonfire.** The most effective and gorgeous plant in cultivation—see illustration opposite. Pkt., 10c; 2 pkts., 15c.

SCABIOSA (Mourning Bride). Splendid border plants. H. A.

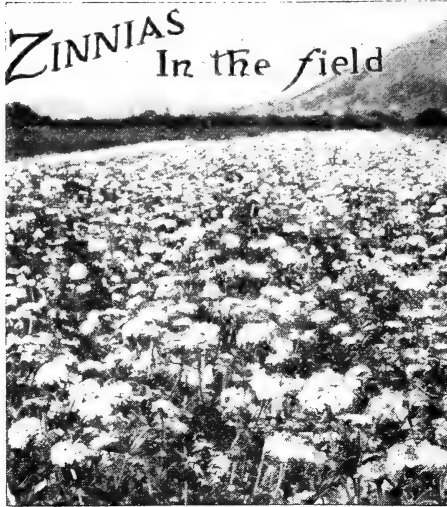
1155. **Double Mixed.** Large flowering. 3c.
1156. **Snowball.** Best double white. 5c.
1157. **Golden Yellow.** A desirable color. 5c.
- SCHIZANTHUS (Butterfly Flower).** H. A.
1160. **Mixed.** Very picturesque. Pkt., 5c.
- SMLAX.** The finest thing out. T. A.
1165. **Fine for hanging baskets.** Pkt., 5c.
- STOCKS.** Large Flowering. Ten Weeks. Prized for their fine display of color. H. H. A.
1170. **Finest Mixed.** Choice colors. 10c.
1171. **White Princess.** Best white. 10c.
1172. **Primrose.** Best large primrose. 10c.
- STOKESIA (Corn Flower Aster).**
1175. **Cyanea.** For borders. Pkt., 10c.



PLANT CATALOGUE—Roses and other choice plants—page 68

An illustrated book on "Home Floriculture," free with an order for flower seed, plants and bulbs amounting to \$2.00 or more.

25 to 35 per cent cash discount on flower seeds, by the packet.—See page 33.



ZINNIAS
In the field

SUNFLOWER. Desirable for any location.
1180. *Chrysanthemum Flowered.* Bright golden yellow, double flowers. Pkt., 5c; oz., 15c.
1181. *Double Globe.* Double flowers. Pkt., 5c.
1182. *Miniature.* Bright and showy. Pkt., 5c.
1183. *Double Star Shaped.* Pkt., 5c.
SWEET PEAS. 1200 to 1270. Below.
SWEET WILLIAM. Fine for borders. H. P.
1300. *Single Mixed.* Perfect flowers, 5c.
1301. *Scarlet Beauty.* Deep scarlet, 5c.

VERBENAS. Free-flowering, hardy annuals of low, spreading growth; great favorites.

1305. *Olds' Finest Mixed.* Largest flowers and the choicest colors. Pkt., 10c; 2 pkts., 15c.
1306. *Mammoth Mixed.* Large-flowering. 5c.
1307. *Fine Mixed.* All fine shades. Pkt., 5c.
1310. *Mammoth White.* Very choice. Pkt., 5c.
1311. *Defiance.* Bright scarlet. Pkt., 5c.
1312. *Italian Striped.* Very showy. Pkt., 5c.
WALLFLOWER. Fine for cutting. H. H. P.
1315. *Single Mixed.* Pkt., 5c.
1316. *Golden Glory.* Rich Gold. Pkt., 5c.
WILD CUCUMBER. 1320. Pkt., 5c.

ZINNIAS. Large free-flowering plants; always popular, fine for borders. H. H. A.
1325. *Superb Double Mixed.* Pkt., 5c.
1326. *Dwarf Snowball.* Pure white. Pkt., 5c.
1327. *Dwarf Fireball.* Bright scarlet. Pkt., 5c.
1328. *Curled and Crested.* Pkt., 5c.
1329. *Fire King.* Deep scarlet flowers 3 to 4 inches in diameter. Pkt., 10c; 2 pkts., 15c.
MIXED FLOWER SEED. 1350. Page 77.

MIXED ANNUALS.

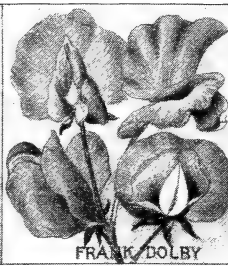
Many of our best flowers are annuals, easily raised from seed. If the seed is sown early in spring the plants rapidly attain perfection and bloom the same season. Those who wish a display of bright flowers, easily raised from seed the first season, should order some of our Mixed Annuals. Pkt., $\frac{1}{4}$ oz., 5c; oz., 15c.

MIXED PERENNIALS.

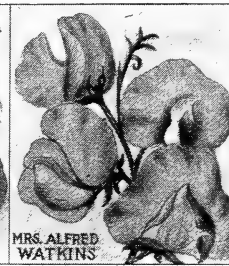
Why not have a bed of hardy perennials? It requires but little care when once established, and it will afford a succession of flowers from the earliest springtime throughout the whole season. Those who wish such a bed should order one of our large-sized ($\frac{1}{4}$ oz.) packets of Mixed Perennials. Pkt., 10c; 2 pkts., 15c; oz., 25c.



NORA UNWIN



FRANK DOLBY



MRS. ALFRED WATKINS



E. J. CASTLE

OLDS' GILT-EDGED SWEET PEAS.

Sweet Peas are not only the most popular flowers that grow, but they are also among the most beautiful and fragrant. We have made a very careful selection of the best and newer sorts, and have arranged them according to colors. Each pkt. contains a full quarter-ounce of seed. Order by number.

NEW VARIETIES.

Any six packets, 25 cts.

DOROTHY ECKFORD (1209). One of the best white sweet peas in existence. Pkt., 5c; oz., 10c.

NORA UNWIN (1211). Takes its place in the front ranks of whites, outdistancing Dorothy Eckford, which heretofore has been considered the finest white. Pkt., 5c; oz., 10c.

DAINTY (1213). Pure white, edged with pink; long stems. Pkt., 5c; oz., 10c.

EVELYN BYATT (1215). The richest-colored sweet pea ever introduced. Pkt., 5c; oz., 10c.

GOLDEN ROSE (1216). Primrose, very large. Wings with wavy edges. Pkt., 5c; oz., 10c.

HELEN PIERCE (1221). Blue, bell-shaped flowers mottled like Gloxinias. Pkt., 5c; oz., 10c.

FRANK DOLBY (1223). The largest and finest pale blue sweet pea. Pkt., 5c; oz., 10c.

JANET SCOTT (1226). Bright pink; curled petals; attractive in appearance. Pkt., 5c; oz., 10c.

GLADYS UNWIN (1228). A gorgeous new pink; large flowers. Pkt., 5c; oz., 10c.

MRS. ALFRED WATKINS (1229). One of the best varieties for cut flowers. Pale pink in color. Flowers very large. Pkt., 5c; oz., 10c.

E. J. CASTLE (1236). Rich carmine rose color with a salmon shading in the standard, producing a lovely effect. Pkt., 5c; oz., 10c.

SPENCER VARIETIES.

SPENCER TYPE MIXED (1203). This mixture is made up of the best, newest and largest flowering Spencer varieties. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

WHITE SPENCER (1205). Large pure white flowers, of the Countess Spencer type; the flowers are of good substance and keep well after being cut. Pkt., 5c.

PRIMROSE SPENCER (1212). Large primrose-colored flowers, a fitting companion to White Spencer; flowers well placed on long thick stems. Pkt., 5c; oz., 10c.

MRS. RUTZAHN (1217 $\frac{1}{2}$). Cream with a decided rose edge. Pkt., 5c.

AURORA (1218 $\frac{1}{2}$). Orange rose striped on white ground. Pkt., 5c; oz., 15c.

QUEEN VICTORIA (1219 $\frac{1}{2}$). A very fine soft yellow. Pkt., 5c; oz., 15c.

APPLE BLOSSOM (1225 $\frac{1}{2}$). Crimson pink and white shaded. Pkt., 5c; oz., 10c.

COUNTESS SPENCER (1234 $\frac{1}{2}$). Bright, clear pink; large blossoms. Pkt., 5c; oz., 15c.

KING EDWARD VII (1236 $\frac{1}{2}$). The best dark rich red. Pkt., 10c.

THIS CATALOGUE is mailed without request to all who have ordered of us in the last three years. Please notify us of any change of post-office address.

**OLDS' PRIZE MIXED.**

1200. This mixture is from the best, newest, largest-flowering sorts.—Giants of California,—and is unsurpassed. The seed has been carefully grown from selected stocks. It includes also Eckford's latest introductions. There are no better colors offered in any collection. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

EARLIEST OF ALL.

1201. This pink and white sweet pea blooms 10 days in advance of any other; highly prized by florists. Pkt., 5c; oz., 10c; ¼ lb., 30c.

ECKFORD'S MIXED.

1202. This strain contains a fine assortment of Eckford's varieties. Pkt., 5c; oz., 10c; ¼ lb., 25 cents.

LATER INTRODUCTIONS OF ECKFORD AND OTHERS.

The following list contains the best named varieties, selected from those of recent introduction. Except where otherwise noted. Pkt., 5c; oz., 10c.

PURE WHITE.
One packet each, 20 cents.

1206. Blanche Burpee.
1207. Emily Henderson.
1208. Sadie Burpee.
1209. Dorothy Eckford.
1210. White Wonder.

LIGHT SHADES.

1213. Dainty.
1214. Modesty.
1214½. Lady Mary Currie.
1215. Evelyn Byatt.
1215½. Mrs. Eckford.
1216. Golden Rose.
1216½. Aurora.
1217. Mrs. Jos. Chamberlain.
1218. Senator.
1219. Stella Morse.

LAVENDER and LIGHT BLUE.

1220. Countess of Radnor.
1220½. Lottie Eckford.
1222. Dorothy Tennant.
1224. Lady Grisel Hamilton.
1224½. New Countess.

SHADES OF PINK.

1225. Apple Blossom.
1226. Janet Scott.
1227. Blanche Ferry.
1230. Katherine Tracy.
1231. Blanche Ferry Ex. Early.
1232. Lovely.
1233. Prima Donna.
1234. Triumph.

SHADES OF RED.

One packet each, 20 cents.

1235. Her Majesty.

1237. Mars.
1238. Salopian.
1239. King Edward VII.
1239½. America.

BLUE AND PURPLE.

1240. Captain of the Blues.
1241. Navy Blue.
1242. Countess of Cadogan.
1245. Emily Eckford.
1244. Horace Wright.
1244½. Unique.

DARK SHADES.

1245. Black Knight.
1246. Shahzada.
1247. Black Michael.
1248. Othello.
1249. Stanley.

DWARF OR CUPIDS.

Pkt., 5c; oz., 10c; ¼ lb., 30c.

1250. White. The first dwarf sweet pea.
1251. Pink. Very dwarf, with large flowers.
1252. Beauty. Delicate rose color.
1253. Firefly. Dazzling scarlet.
1254. America. Crimson scarlet with white.
1255. Apple Blossom. Standard crimson pink.
1256. Prima Donna. Self-colored, pure pink.
1257. Royalty. Deep rosy pink.
1260. Mixed. Above and other Cupids.

BEST PURE WHITES (1264) MIXED. Blanche Burpee, Emily Henderson, Sadie Burpee, Dorothy Eckford, White Wonder. Pkt., 5c; oz., 10c.

LIGHT SHADES (1265) MIXED. Dainty, Modesty, Lady Mary Currie, Evelyn Byatt, Mrs. Eckford, Golden Rose, Aurora, Mrs. Jos. Chamberlain, Senator, Stella Morse. Pkt., 5c; oz., 10c.

LAVENDER and LIGHT BLUE (1266) MIXED. Countess of Radnor, Lottie Eckford, Dorothy Tennant, Lady Grisel Hamilton, New Countess. Pkt., 5c; oz., 10c.

SHADES OF PINK (1267) MIXED. Apple Blossom, Janet Scott, Blanche Ferry, Katherine Tracy, Blanche Ferry Ex. Early, Lovely, Prima Donna, Triumph. Pkt., 5c; oz., 10c.

SHADES OF RED (1268) MIXED. Her Majesty, Mars, Salopian, King Edward VII, America. Pkt., 5c; oz., 10c.

BLUE AND PURPLE (1269) MIXED. Captain of the Blues, Navy Blue, Countess of Cadogan, Emily Eckford, Horace Wright, Unique. Pkt., 5c; oz., 10c.

DARK SHADES (1270) MIXED. Black Knight, Shahzada, Black Michael, Othello, Stanley. Pkt., 5c; oz., 10c.

WINTER-FLOWERING SWEET PEAS.

1204. Extreme Early Varieties Mixed. This mixture contains the earliest varieties and will be found useful to florists and others for forcing under glass. These early varieties will produce Sweet Peas even in the open ground three weeks ahead of the Spencer and Grandiflora sorts. In the open ground the vines grow from three to four feet high; under glass the vines often reach a height of from eight to ten feet and they will continue in flower from three to four months. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75, postpaid.

OLDS' CHOICE MIXED FLOWER SEEDS.

1350. A Whole Garden for 5 cents. This mixture is especially adapted for borders, along walks and for hiding unsightly places. All children are fond of flowers and this mixture contains seed suitable for a child's garden. Pkt., (¼ oz.), 5c.

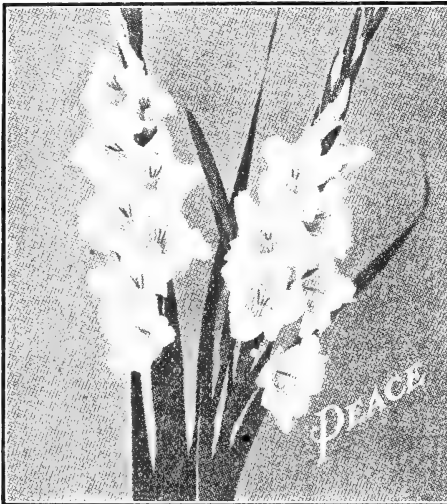
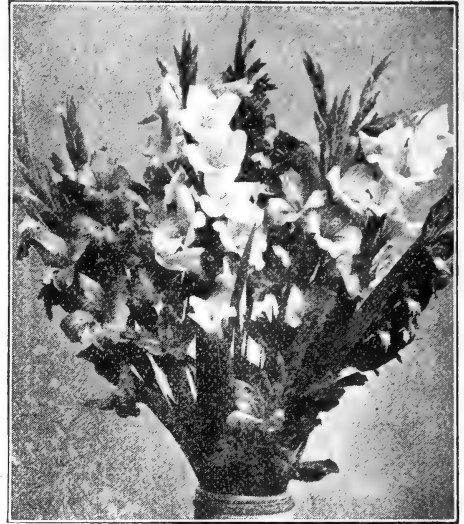
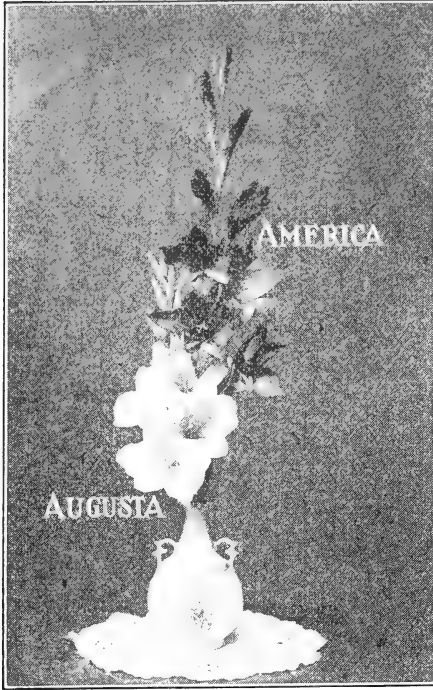
If you order flower seed from this catalogue, no matter whether the order is large or small, we will give free, on request, a liberal-sized packet of (1350) Olds' Choice Mixed.

Write for special prices on larger quantities.

SUMMER FLOWERING BULBS

Planted in spring will bloom all summer. There is no reason why every one should not plant a few Gladiolus and Dahlia Bulbs. They are as easily raised as potatoes, and when once given a trial will not be dispensed with.

OLDS' GLADIOLI.



The Gladiolus ranks first among all summer flowering bulbs. The tall stately red, yellow and white flower spikes are very magnificent. They are easily grown and inexpensive. See illustration above.

SELECT MIXTURE. Mostly light. First size, 5 for 20c; doz., 45c, postpaid. Not prepaid: Doz., 30c; 100, \$2.00.

STANDARD MIXTURE. First size, 5 for 15c; doz., 25c, postpaid. Not prepaid: Doz., 15c; 100, \$1.00; second size 5 for 10c; doz., 15c, postpaid.

AMERICA. One of the finest for cutting or bedding (see illustration); color a beautiful soft flesh pink; perfect in growth and habit. First size bulbs, 8c each; 4 for 25c; doz., 65c, postpaid. Not prepaid, doz., 50c.

AUGUSTIA. A lovely pure white variety (see illustration). Strong, straight spikes often having two and three branches. First size bulbs, 5c each; doz., 45c, postpaid. Not prepaid, doz., 30c.

MAY. A good forcing variety. Strong spikes, with pure white flowers, flaked with bright rosy crimson. Price the same as for Augustia.

CARDINAL. Large handsome spikes, with clear intense scarlet flowers; very showy. First size bulbs, 10c each; 3 for 25c; doz., 90c, postpaid. Not prepaid, doz., 75c.

BRILLIANT. Scarlet and carmine with white throat; extra large flowers. First size, 6c each; 3 for 15c; doz., 50c. Not prepaid, doz., 35c.

SULPHUR KING. One of the best and clearest yellows yet introduced; fine large spikes. First size bulbs, 20c each; 2 for 35c; ½ doz., 85c, postpaid. Not prepaid, doz., \$1.50.

BARON HULOT. The best blue gladiolus. When cut in combination with Sulphur King, above, it makes a very fine effect. First size bulbs, 10c each; 3 for 25c; doz., 75c, postpaid.

DEBORAH. Dark red; **SUNLIGHT.** Light crimson with canary yellow throat; **CANARY BIRD.** Clear canary yellow, and one of the finest in existence. First size bulbs, 8c each; doz., 65c, postpaid. Not prepaid, doz., 50c.

SPECIAL OFFER. One each of the above ten varieties for 75c; your choice, any 3 for 28c.

MRS. FRANCIS KING. The new giant pink; striking in appearance both in daylight and artificial light. First size bulbs, 5c each; ½ doz., 25c, postpaid. Not prepaid, doz., 35c.

CHICAGO WHITE. One of the earliest varieties to bloom; 5 to 7 flowers open at one time—almost pure white. Price: 25c each; 2 for 45c; ½ doz., \$1.25, postpaid.

PEACE. A grand new distinct white variety of more than special merit—see cut. The plant is very attractive; flowers are of good form and correctly placed on the stalk. Peace is not an early bloomer but is one of the best whites ever introduced. First size bulbs, 25c each; 2 for 45c; ½ doz., \$1.25, postpaid.

PRINCEPS. A very fine crimson-scarlet; flowers almost round, borne on spikes 4 ft. in height; 12 to 15 flowers to a spike. First size bulbs, 12c each; 3 for 35c; ½ doz., 65c, postpaid.

DAHLIAS IN THE FIELD



Nothing more showy than our large Double Dahlias. No garden is complete without them. They are very easily grown from bulbs, sure to succeed, and make a beautiful show. We have a choice mixture and a few new named varieties, the best recent introductions of select Decorative and Show Dahlias.

DOUBLE MIXED. Made up of a mixture of a number of choice named varieties. The colors range from deep maroon, crimson and scarlet through all shades of pink and yellow to pure white. Single tubers, 8c each; 4 for 25c; 12 for 70c, postpaid. Undivided roots, not prepaid: 12c each; 6 for 60c; 15 for \$1.25.

RED HUSSAR. A pure cardinal red, large-flowering show Dahlia; flowers regularly formed on long, slender stems. Price: Single tubers, 10c each; 3 for 25c; 15 for \$1.00, postpaid. Undivided roots, not prepaid: 15c each; 12 for \$1.25.

CATHERINE DUER. Most beautiful glowing scarlet or geranium red, with no markings. It is a recent novelty from Newport gardens. Flowers very large, 7 inches across, opening out flat with wide petals. Price: Single tubers, 8c each; 3 for 20c; 15 for 75c, postpaid. Undivided roots, not prepaid: 10c each, 12 for \$1.00.

QUEEN OF YELLOWS. A pure yellow, large-flowering Show Dahlia. Early flowering and a strong, vigorous grower. Price, same as for Red Hussar.

SYLVIA. A new, decorative dahlia attracting much attention. Flowers 3 inches across, of fine form and full to the center, which is white, shading to soft pink at the rim. An early profuse bloomer, and a strong, healthy grower. Price, same as for Red Hussar.

MRS. ROOSEVELT. One of the largest and most popular of the new dahlias. Immense flowers, six to eight inches, of a light, delicate pink color. Perfectly double and very compact. Price: Single tubers, 15c each; 2 for 25c; 12 for \$1.25, postpaid. Undivided roots, not prepaid: 20c each; 6 for \$1.00.

CUBAN GIANT. An immense ball of bright maroon; early and free flowering. Price, same as for Catherine Duer.

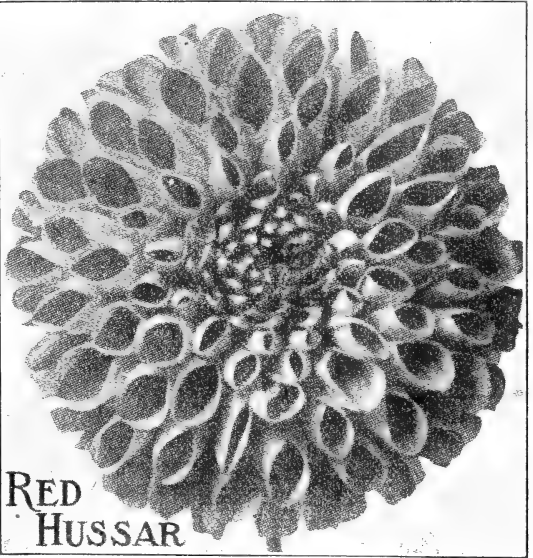
MRS. WINTERS. Pure waxy white. Flowers very large, 5 to 7 inches in diameter, with large broad petals. A strong grower and splendid decorative variety. Price, same as for Red Hussar.

GOLIATH. Deep garnet red with long stem; **STORM KING.** Pure white, extra fine; **WM. AGNEW.** Rich dazzling red. Prices, same as for Catherine Duer.

SPECIAL OFFER. A single tuber each of the above ten varieties for 75c; your choice, any 3 for 25c; ½ doz., 45c, postpaid.

PRINCESS VICTORIA. The finest pure yellow dahlia in existence. Clear, pure canary yellow. Perfect form on long, slender stems. It is very early and a profuse bloomer. Price: Single tubers, 10c each; 2 for 15c; 12 for 75c, postpaid. Undivided roots, not prepaid, 12c each; 10 for \$1.00.

See page 80 for Beloit, Delice and other new Dahlias—recent introductions.



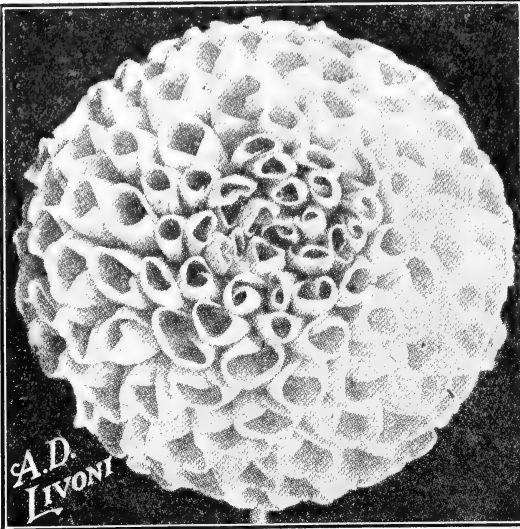
**RED
HUSSAR**

TUBEROSE.

The Sweetest Scented Flower that Grows. The Tuberose is one of the most charming of our summer flowering bulbs; blooming all summer if started in March.

EXCELSIOR DWARF PEARL. The largest-flowering variety. First size: 6c each; 5 for 25c; doz., 50c, postpaid. Not prepaid, doz., 25c; \$1.75 per 100.

NEW SWEET PEAS—WITH USUALLY FOUR FLOWERS TO THE STEM. Page 76.



ers perfect in form, pure white in color and borne on long stems. Price same as for Beloit.

GLOXINIAS.

Charming flowers, varying from pure white to rose, crimson and violet. Best Mixed bulbs, each 10c; 2 for 15c; 4 for 25c; doz., 50c, postpaid.

CINNAMON VINE.

The prettiest thing out. For full description see page 32 of plant catalogue—noted page 68. Good strong roots, 2 for 5c; 7 for 15c; doz., 25c, postpaid.

EMERALD VINES.

An ornamental, useful and attractive climbing vine belonging to the same family as the cinnamon vine. The vines are of slender growth, but are very graceful and make a dense foliage. The foliage is a deep emerald green with a decided luster. Price, good strong roots, 5c each; 6 for 25c; doz., 35c, postpaid.

CANNAS.

Single tubers, 10c, each; 2 for 15c; 6 for 35c, postpaid. Not prepaid, doz., 50c.

NEW DAHLIAS.

A. D. LIVONI. A splendid clear soft pink, beautifully quilled—see illustration opposite; of perfect form and very free flowering. Single tubers 10c each; 2 for 15c; 1/2 doz., 40c; 15 for 85c, postpaid. Undivided roots not prepaid: 10c each; doz., \$1.00.

BELIOT. A beautiful variety, very effective on account of its large flowers, borne on stems 18 to 20 inches long and held well above the foliage; these are full double of splendid form and a rich purplish garnet in color. Single tubers 15c each; 2 for 25c, postpaid. Undivided roots, not prepaid, 25c; 6 for \$1.00.

DELICE. A beautiful soft rose pink, of recent introduction; when cut it retains its freshness longer than any variety we know of, which makes it one of the most valuable for cutting. Single tubers, 10c each; 2 for 15c; 6 for 40c, postpaid. Undivided roots, not prepaid, 15c each; 6 for 75c.

LE GRAND MANITOU. The first variegated decorative Dahlia ever introduced; flowers from 5 to 6 inches across, borne on long stiff stems. Price same as for Beloit.

PERLE DE LYON. The most valuable white decorative Dahlia yet introduced; certain to become a great favorite; flowers perfect in form, pure white in color and borne on long stems. Price same as for Beloit.

CHAS. HENDERSON. Large crimson flowers.

AUSTRIA. Large open, pure yellow flowers.

BEGONIAS.

Giant Tuberous-rooted. Very showy flowers of many brilliant colors.

Single: white, yellow, scarlet, pink, mixed, each, 5c; 6 for 25c; dozen, 45c, postpaid.

Double: white, yellow, scarlet, pink, mixed, each, 8c; 4 for 25c; dozen, 70c, postpaid.

SPECIAL BULB COLLECTION.

SUMMER FLOWERING BULBS. These bulbs will grow and bloom freely this season. They are fine varieties, in assorted colors. We offer the entire lot, 20 in all, worth 90c, by mail, postpaid, for 50c.

3 Double Dahlias, assorted	25c
6 Gladioli, standard mixed	15c
3 Tuberoses, Dwarf Pearl	15c
4 Cinnamon Vines	10c
4 Begonias, 2 Single, 2 Double	25c
2 Collections for 85c.	Not prepaid, 2 for 50c.

BABY RAMBLER.

Just the rose for pot culture. This new rose is decidedly a distinct variety. It is identical in every way with the favorite Crimson Rambler, except that it is dwarf and bushy. It is a constant bloomer, grows 18 inches high, and the plant is almost hidden with roses—see illustration opposite. Strong plants, 15c each; 2 for 25c; 2-year-old plants, 35c each, postpaid.

BABY PRIMROSE.

The first blooming plant we know of, blooming continuously throughout the entire season. 5c each. Two Baby Ramblers and 3 Baby Primroses for 35c, postpaid.

A 175 page illustrated book on "Home Floriculture," telling how to cultivate and grow flowering plants, for 25c postpaid, or free with an order for flower seed, plants and bulbs amounting to \$2.00 or more.

"Lenox Sprayer" for plants. See page 84.

See page 34 for "Wisconsin Standards"—the seeds that have made our success.

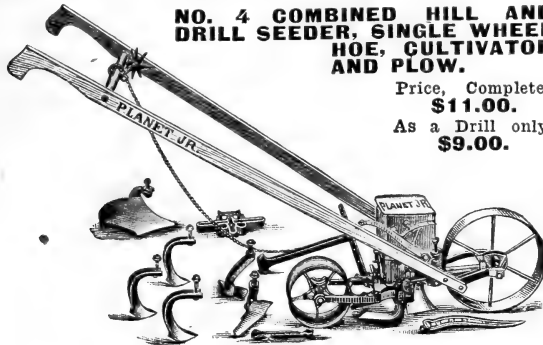


PLANET JR. FARM AND GARDEN TOOLS.

Space will not permit our showing and describing all of the Planet Jr. tools, but we will send a fully illustrated catalogue free for the asking. Planet Jr. goods are well-known and reliable.

NO. 4 COMBINED HILL AND DRILL SEEDER, SINGLE WHEEL HOE, CULTIVATOR AND PLOW.

Price, Complete, \$11.00.
As a Drill only, \$9.00.



No. 4 Combined Machine. This most perfect development of the hand seed drill sows evenly in drills, and also drops in single hills, at 4, 6, 8, 12 or 24 inches apart. No time is lost; no seed is wasted. It covers and rolls down and marks the next row; hopper holds 2 quarts. The drill is detached and the tool frame substituted by removing but one bolt. It then becomes a single wheel hoe. We guarantee this drill to be more accurate than any other made and to give satisfaction.

No. 25 Combined Machine. A combination of the No. 4 Drill and No. 12 Double Wheel Hoe.

Price, Complete, \$13.50.

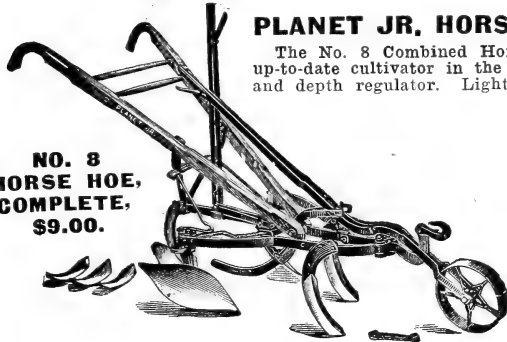
No. 6 Combined Machine. Latest Combined Hill and Drill Seeder and Wheel Hoe. Made with high wheel.

Price, Complete, \$13.50.

PLANET JR. HORSE HOES AND CULTIVATORS.

The No. 8 Combined Horse Hoe and Cultivator is the most perfect, up-to-date cultivator in the world. It has both depth and width levers and depth regulator. Light and easily handled, but strongly built.

NO. 8 HORSE HOE, COMPLETE, \$9.00.



No. 8. Complete, \$9.00.

No. 9. One Lever With Wheel, \$7.75.

No. 4. Plain Cultivator, \$5.25.

No. 81. Horse Hoe, Cultivator and Hiller. The latest and best. Has six 3-inch cultivator teeth, two 6-inch side plows and a 12-inch furrowing tooth.

Price, Complete, \$10.00.

12-Tooth Harrow. The favorite with strawberry growers and truckers.

Complete, \$9.00. Without Pulverizer, \$7.40. With No. 9 Wheel, \$6.90.

STANDARD GARDEN TOOLS.

The Standard tools are comparatively new but are giving the best of satisfaction with leading market gardeners. We recommend them to our customers. Complete Standard catalogue free.



No. 20 Cultivator. High 24-inch wheel.

Price, as shown, \$3.00.

With Three-Shovel Attachment, \$3.50.

No. 9 Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator, Plow and Rake.

Sows in drills or in hills 4, 6, 8, 12 or 24 inches apart. Seeder attachment may be quickly removed and it may be easily changed from a single to a double wheel cultivator. Three practical tools in one.

No. 9. Complete as shown, \$12.00.

No. 11. Seeder only, \$9.00.

No. 4. Double Wheel Hoe & Cultivator, \$7.00.

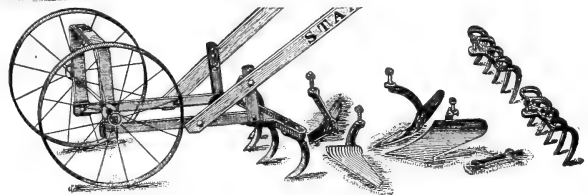
No. 22. Single Wheel Hoe & Cultivator, \$5.90.

No. 2 Spring Beam Cultivator. A very satisfactory tool entirely under the operator's control. The arch clears the ground 15 inches and is adjustable in width from 7 to 11 inches.

Price, complete as shown, \$6.00.

Without Rakes, \$5.50.

Shovels and Hoes only, \$4.75.



BARKER WEEDER AND MULCHER.

Operates on the plan of a lawn mower. It is better than a hoe. It is ten times as fast. It is easy to operate. It forms a dust mulch. Buy a Barker Weeder and Mulcher and cut your garden the same as you buy a lawn mower to cut your lawn. It cuts the weeds under the ground as well as the weeds out of the ground. It pulverizes the ground fine, which holds the moisture to feed the plant.

The lower knife in connection with the revolving blades kills every weed.

Made in two sizes: 6-inch cut for lettuce; 8½-inch cut, the standard size, for onions and ordinary market garden crops.

Price, complete, with all attachments, only \$5.00. Name size wanted. (Money back if not satisfactory.)



INVINCIBLE POTATO PLANTER.

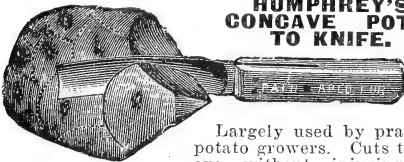


open; strong and convenient. Price, 45c; 3 for \$1.15.

PRUNING SHEARS.

Hand Pruner. Filed handles, polished blades, 8¼ in. Price, 65c.
Star Shears. Japan handles, nickel plated blades, 8½ in. Price, 75c.
Solid Steel Pruning Shears. Clauss' best, 9 in. Price, \$1.00.

HUMPHREY'S CONCAVE POTATO KNIFE.



Largely used by practical potato growers. Cuts to one eye without injuring the vital tissues. Pieces never can stick together, owing to curved surface. We sell large quantities of these knives. Price, 30c; 3 for 75c, postpaid.



A great labor saver. Two acres a day can be planted with one of these tools. The open wire sleeve reduces the wind resistance to a minimum. The sharp jaw enters the ground as easily as a spade. The handle is adjustable. It has a double leaf spring, and is strong and durable. Weight 5 lbs.

Price, reduced, \$1.10; 3 for \$3.00.

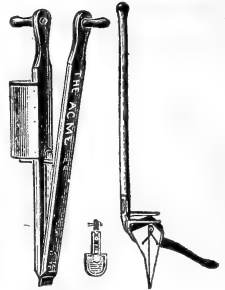
HANDY SEED CARRIER.

Made especially for the purpose, with iron hoop to keep the mouth open. Weight 1 lb.

ACME CORN PLANTER.

Simple, durable and accurate. With the Pumpkin Seed attachment, pumpkins can be planted at the same time. Weight 5 lbs.

Price, plain, 75c; with Pumpkin Seed Attachment, \$1.00.



RACINE POTATO PLANTER.

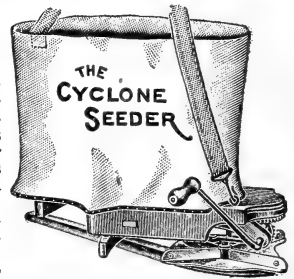
A popular, stick planter, at low price. Weight 4 lbs. Price, only 65c.

CYCLONE SEEDER.

Warranted to Give Satisfaction.

The Cyclone has a national reputation as a High-Grade Seed Sower. It is built, not for cheapness, but for durability and accurate work. Just the thing for sowing all kinds of clover and grass seed, millet, rape, and even larger grains. Weight 4 lbs.

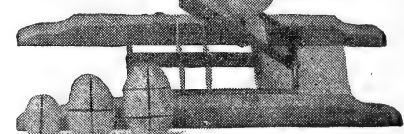
Price, reduced, \$1.35.



MILLER SEED POTATO CUTTER.

Simple, durable and accurate and sold at a low price. Will cut any size potato in pieces of uniform size. Cuts 8 bushels an hour.

Price, only \$2.50.



WATERPROOF PAPER FLOWER POTS.

Made of strong waterproof paper; light, unbreakable and will not rot.

		25	100	1000
2¼-inch Pots.	Weight, 90 per pound.	\$0.10	\$0.35	\$ 3.00
2½-inch Pots.	Weight, 50 per pound.	.15	.40	3.50
3-inch Pots.	Weight, 40 per pound.	.20	.60	5.00
3½-inch Pots.	Weight, 35 per pound.	.25	.75	6.25
4-inch Pots.	Weight, 30 per pound.	.30	.95	8.25
5-inch Pots.	Weight, 15 per pound.	.40	1.30	12.00
6-inch Pots.	Weight, 12 per pound.	.55	1.85	16.50
	Pot Labels, 4-inch, painted		.15	1.00

Note—Prices on these pages do not include postage. See Parcel Post law, page one.

"NORCROSS" GARDEN CULTIVATOR—HOES.

THREE SIZES AND PRICES.

3-prong, weighs 2 lbs. 50c.

5-prong, weighs 3 lbs. 75c.

Midget, weighs 12 oz. 25c.

The 3-Prong Hoe is especially suitable for all women, being light weight. The Midget is also a favorite among women who have flowers.

The 5-prong is the largest and best suited for extensive gardening. It is the only hand cultivator on the market having a detachable handle ferrule. At a cost of 10c extra, we can supply malleable connection that will attach the 5-prong tool to any style wheel plow.

EXCELSIOR WEEDER. A popular and cheap Hand Weeder. Weight 4 oz. Price, 10c.



GARDEN TROWELS. Polished steel blade, hardwood handle. Sizes, 6 inch and 7 inch. Weight 6 oz. Either size, 10c; 3 for 25c.

O. V. B. DIAMOND HOES.

Garden, shank handle, 7 1/2 inch, 45c.
Garden, socket handle, 7 1/2 inch, 50c.
Onion & Nursery, narrow blade, 7 1/2 inch, 50c.

STEEL BOW GARDEN RAKE. The best rake made. Will not break.

Prices: 14-tooth, 65c; 16-tooth, 70c.
LAWN RAKE. 24-tooth, wire. Price, 30c.



LANG'S HAND WEEDER

HANDIEST TOOL ON EARTH.



20c

Weight 4 oz.

GRASS HOOK OR SICKLE. Price, 20c.

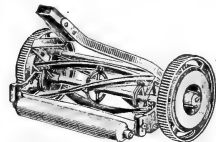
RIGHT IDEA CORN HANGERS. For drying seed corn. Made of galvanized iron. Write for circular. Price, \$6.00 per 100.

WISCONSIN LAWN MOWER. High 9-inch wheel, with 4 knives.

Prices: 16-inch, \$4.25; 18-inch, \$4.50.

LINDSAY LAWN MOWER. No better mower on the market than this. High driving wheels, large 5-knife cutting cylinder and best grade ball bearings.

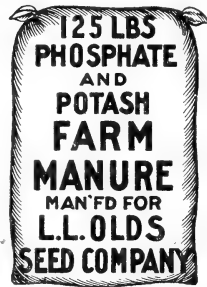
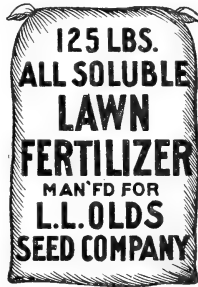
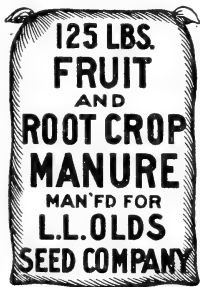
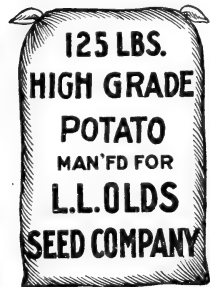
Prices: 16-inch, \$8.00; 18-inch, \$8.50.



"VELVETLAWN" GRASS SEEDER AND FERTILIZER SOWER. Sows evenly and accurately in rows one inch apart, either lawn grass or fertilizer.

Price, Complete with Cultivator Attachment, \$6.00. (Ask for "Velvetlawn" catalogue.)

HIGH-GRADE COMMERCIAL FERTILIZERS.



HIGH GRADE POTATO. Prepared especially for the potato crop. Doubles the yield. R. K. Cowl of Ohio increased his yield from 150 to 350 bushels per acre. Analysis, 2-8-10.

Prices: 25 lbs., 75c; 50 lbs., \$1.25; 125 lbs., \$2.50; 1,000 lbs., \$18.50; 2,000 lbs., \$35.00.

(Note—"Potato Production," by Henry G. Bell, Agronomist, a 16-page book on growing and handling potatoes mailed free.)

FRUIT AND ROOT CROP MANURE. For garden truck, potatoes, tobacco and fruits. Quick in starting and lasting in effect. Use 500 to 1,000 lbs. per acre. Analysis, 2-8-5.

Prices: 25 lbs., 60c; 50 lbs., 95c; 125 lbs., \$2.15; 1,000 lbs., \$15.50; 2,000 lbs., \$30.00.

LAWN FERTILIZER. "All Soluble." Best for lawns. Apply early in the spring at the rate of 25 pounds to every 1,000 square feet, distributing evenly. Analysis, 3 1/2-8-4.

Prices: 10 lbs., 40c; 25 lbs., 75c; 50 lbs., \$1.25; 125 lbs., \$2.75; 1,000 lbs., \$20.00.

FARM MANURE. "Phosphate and Potash." A general purpose fertilizer for ordinary farm crops, including corn and small grains. Sow 150 to 500 lbs. per acre. Analysis, 0-10-2.

Prices: 25 lbs., 40c; 50 lbs., 75c; 125 lbs., \$1.65; 1,000 lbs., \$10.50; 2,000 lbs., \$20.00.

SUGAR BEET SPECIAL. Prepared specially for sugar beet growers. Use 200 to 1,000 pounds per acre according to condition of land. Analysis, 1-8-4.

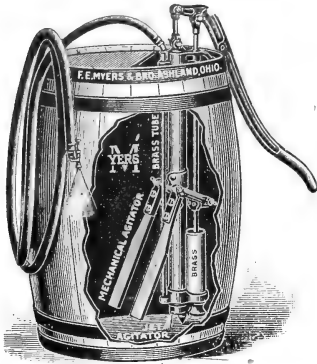
Prices: 25 lbs., 50c; 50 lbs., 90c; 125 lbs., \$2.00; 1,000 lbs., \$14.00; 2,000 lbs., \$26.50.

(Ask for "Farmer's Almanac," telling all about Commercial Fertilizers and how to use them.)

PULVERIZED SHEEP MANURE. A pure natural manure taking effect immediately. Splendid for lawns, greenhouse plants, market garden crops of all kinds and fruit trees. Safe, quick in results and most satisfactory.

Prices: 1 lb., 10c; 5 lbs., 25c; 50 lbs., \$1.00; 100 lbs., \$1.75; 1,000 lbs., \$12.50.

(Ask for valuable little booklet "Fertile Facts," telling how to use sheep manure with different crops.)



Myers No. 305 Barrel Pump.

MYERS BARREL SPRAY PUMP.

The necessity of spraying orchards is now generally recognized, and a pump that can be attached to a barrel is necessary for trees of any size. The Myers Improved Brass Barrel Spray Pump No. 305, with Bronze Ball Valves, Brass Cylinder and Discharge Pipe, is thoroughly practical and we believe the best on the market. The air chamber is 30 inches in length; it has a good leverage, is powerful and easily operated.

Price, Complete with 15 feet of hose, Bordeaux nozzle and Mechanical Agitator, \$8.50.
(Our price does not include barrel.)

IDEAL SPRAYING OUTFIT.

A complete equipment for the small fruit grower or gardener. Galvanized tank holding 15 gallons mounted in a way that makes it convenient to handle. Strong pump with extra large air chamber, bronze valves and mechanical agitator.

Price, Complete with 10 feet of hose and 10 feet pipe extension in 3 pieces, \$15.00.



Bucket Spray.

BUCKET SPRAY PUMP.

Made of brass with ball valves with all the advantages of the ordinary barrel pump and bucket pump combined.

Price, Complete, with hose and Bordeaux nozzle, \$4.00.

BRANDT SPRAYER NO. 2.

Gives a steady, even discharge always at the same pressure. The pumping is done during the progress of the work. Works perfectly with Paris Green, Bordeaux Mixture and other liquid applications and always under perfect control. Holds 3 gallons and one filling will spray a row one mile long. Fully guaranteed. Money back if not satisfactory.

Galvanized, \$5.00. Brass (No. 3), \$6.75. Double Nozzle, extra, \$1.50. Tree Nozzle, \$1.50.

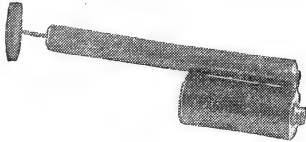
Brandt Easy. Has all the features of the No. 2 and 3 Sprayers but is smaller. Holds one gallon. Weight 3 lbs.

Galvanized, \$2.25. Brass, \$3.25.

Brandt Daisy. Excellent type of small sprayer. Made very strong with double nozzle. Weight 1 1/4 lbs.

Price, 75c.

(Ask for Brandt Circular giving spraying formulas.)



The "Brandt," Spraying 2 Rows at Once.

Lowell Grand. Strong galvanized tank, tapering in form. Capacity one quart. Durable and satisfactory. Weight 1 1/4 pounds. Price, 75c.

Lowell Glass Tank. Still very popular in many sections. The tank is a common fruit jar which can be easily replaced if broken. Price, 75c.

Olds' Special. Best sprayer for the money. Holds one quart. Made of tin. A special strap joining tank and cylinder together strengthens it where sprayers are always weak. Weight 1 1/4 pounds. Price, only 50c.

THE AUTO-SPRAY NO. 1.

Capacity about 4 gallons.

The Auto-Spray No. 1 is, we think, the best and strongest compressed air sprayer made. Each machine is tested before leaving the factory, and guaranteed to be satisfactory. Will handle all solutions including whitewash. Tank of either heavy brass or galvanized iron. Pump, seamless brass, 2 inches in diameter. Equipment, 2 feet of 1/2-inch hose, fine spray nozzle, solid stream cap, and either stop cock or patented self cleaning automatic auto-pop, as ordered. Shipping weight 15 lbs., packed in a wooden box.

AUTO-SPRAY PRICES.

Auto-Spray No. 1-A, Brass tank with Stop Cock	\$6.75
Auto-Spray No. 1-B, Brass tank with Auto-Pop	7.25
Auto-Spray No. 1-C, Galv. tank with Stop Cock	4.50
Auto-Spray No. 1-D, Galv. tank with Auto-Pop	5.00
Brass Extension, 2 foot .....	.45
Brass Strainer .....	.90



LENOX SPRAYER.

Spraying under the leaves kills the insects, removes the dust and keeps them healthy, doesn't let them get buggy.

HOW MUCH MOTHER WOULD LIKE ONE FOR HER PLANTS.
Your plants will surprise you. Makes house plants bloom. Let your wife see this.

Only 50c, postpaid.
A cake of tobacco soap free with each. Make suds and spray.

BUG DEATH

An Insecticide Free from Paris Green and Arsenic.

Does not burn the leaves, however freely applied. Is a fine powder and adheres readily to the vines, so that it is not necessary to apply it after every shower. May be applied wet or dry. It is non-poisonous, as far as human beings, animals, birds and honey bees are concerned.

It kills all kinds of bugs and worms that eat the leaves of plants, trees or vines and prevents blight. As it does not contain any Paris Green or Arsenic, it does not injure the foliage, but keeps it green and healthy, and the extra cost is more than offset by the increased yield and superior quality.

Prices: 1 lb., 15c; 3 lbs., 35c; 5 lbs., 50c; 12½ lbs., \$1.00; 100 lbs., \$7.50.
(Bug Death circular free on application.)

ACRE-AN-HOUR SIFTER. The ideal tool for applying Bug Death economically and effectively.
Price, 75c.



Pat. Mar. 16 & Nov. 9, 1897



BUG DEATH DUSTER.
For applying Bug Death dry. Weight 1 lb. Price, 25c.



CALITE. A ready-mixed insecticide for killing potato bugs and other leaf-eating insects. Most easily applied and most economical. A form of arsite that can be used with just plain water.

Prices: Pint, 30c; qt., 50c.

BOURDEAU MIXTURE. The best fungicide for preventing black rot, mildew, blight, scab, etc., on fruit and vegetable plants. Ready for use by simply adding water and stirring. One pound will make 50 pounds liquid. Can be used just as needed. Every potato grower realizes now the importance of spraying for blight with Bourdeau Mixture.

Prices: Lb., 20c; 5 lbs., 65c; 25 lbs., \$2.25; 50 gals., \$11.00.

ARSENATE OF LEAD. For all leaf-eating insects. Sticks to the leaves and stays there. Will not burn foliage and one application lasts a long time. Use 1½ pounds to 50 gallons water. We handle the celebrated Dow Arsenate of Lead, guaranteed to conform with all laws.

Prices: 1 lb., 25c; 2 lbs., 40c; 5 lbs., 75c; 12½ lbs., \$1.50; 25 lbs., \$2.75; 100 lbs., \$9.50.

LIME SULPHUR. Best of all sprays for fruit trees. Largely used now by leading orchardists everywhere and needed in every orchard. Best remedy for San Jose scale. Our Lime Sulphur is made by the Dow Chemical Co. and we consider it the best and most reliable on the market.

Prices: Qt., 25c; 2 qts., 40c; gal., 65c; 5 gals., \$2.25; 10 gals., \$3.75; 25 gals., \$6.00; 50, \$10.

CUTWORM FOOD. For cutworms and cabbage worms. Very effective.

Prices: 1 lb. (sufficient for 75 to 100 hills) 25c; 5 lbs., 85c; 10 lbs., \$1.35.

WEED KILLER. For killing grass and weeds on roadways, paths, tennis courts, ball diamonds, walks and gutters. Destroys all vegetation.

Prices: 1 qt., 45c; 1 gal., \$1.00; 5 gals., \$4.50; 10 gals., \$8.50.

POTATO SCAB DESTROYER. Treat your seed before planting and grow smooth potatoes. Full directions with each package. One pint will treat 20 bus.

Price, pint, 50c.

SULPHO-TOBACCO SOAP. A powerful agent for the destruction of all bugs and insects. One or two applications will rid plants of pests. Full directions with each cake.

3-oz. Cake (makes 1½ gals. prepared solution), 10c; 8-oz. Cake, 20c.

PLANT GROWER AND LAND RENOVATOR. A concentrated fertilizer for house plants. Prices: ½ lb. sample, 15c; 1½ lb. can, 25c.

"BONORA." This wonderful discovery is good for all living plants, lawns, rose bushes, shrubbery, vegetables, fruit, shade trees, etc. It invigorates and promotes the growth.

Trial package making 56 pints, 25c; 1 lb. making 28 gallons, 50c; 5 lbs., \$2.50.

PLANT FOOD TABLETS. Take the place of liquid manure. Used by dissolving in water. Starts the plants at once into healthy and vigorous growth.

Prices: 30 Tablets, sufficient for 10 house plants 3 months, 10c, postpaid; 100 Tablets, regular size box, 25c, postpaid; 250 tablets, 50c, postpaid.

Prices on these pages do not ordinarily include postage. See Parcels Post law, page 1.

PARIS GREEN

Our Paris Green is the celebrated Morris-Hermann Co. brand, of New York, the very best for purity and high quality. These people are Paris Green specialists. Note our low prices.

Prices: ¼ lb., 12c; ½ lb., 20c; 1 lb., 35c; 2 lbs., 65c; 5 lbs., \$1.50; 14, 28 and 56 pound pails at 25c. (Cannot be sent by mail. Prices in quantity subject to change. Write when ready to buy.)

HAMMOND'S SLUG SHOT.

Used from ocean to ocean. A fine powder, easily distributed by duster, or in water by spraying. Thoroughly reliable for killing currant worms, potato bugs, cabbage worms, lice, slugs, etc. Cheapest and most effective remedy. Needed in every garden in America, during the growing time, to kill bugs and save foliage.

Prices: 1 lb. carton with perforated top, 15c; 5 and 10 lb. bags, 6½c per lb.; 25 lb. bags at 5½c; 125 lb. keg with duster at 5½c; 250 lb. barrel with duster at 5c.

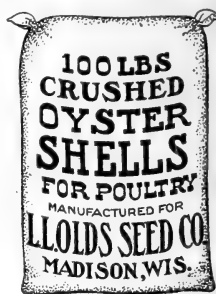
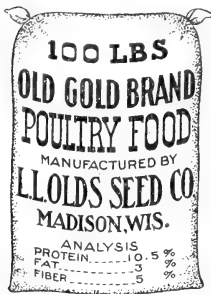
("BUGS AND BLIGHT," a 24-page book free.)

SLUG SHOT DUSTERS. For applying dry. 2 qt. size, 35c; 4 qt. size, 45c. Weight 1 lb.

ARSITE. Most modern and most effective of all insecticides. A quick and positive destroyer of potato bugs, tobacco worms, codling moth and all other leaf-eating insects. Does not burn the foliage like Paris Green. One pint makes 135 gallons of spray.

Prices: ½ pt., 35c; pint, 65c.





OLD GOLD POULTRY FOOD.

Analysis: Protein, 10.5 per cent; Fat, 3 per cent; Fiber, 5 per cent.
 Olds' Old Gold Poultry Food is a complete feed for laying hens. It contains about a dozen different ingredients, including cracked corn, wheat, kafir corn, sunflower seed, buckwheat, etc. There is no trash in it. Duly analyzed and licensed, and every sack guaranteed. It contains a higher percentage of both protein and fat than most other poultry feeds. "The finest made, I think," writes one.
 Prices: 100-pound sack, \$1.90; 3 sacks at \$1.80. Special prices in quantity.

OLD GOLD CHICK FOOD.

Analysis: Protein, 11 per cent; Fat, 3.5 per cent; Fiber, 3 per cent.
 Old Gold Chick Food is a dry food, suitable for chicks up to 8 weeks old. Our Chick Food is made up even more carefully than the Poultry Food. Licensed and guaranteed.

Prices: 100-pound sack, \$2.00; 3 sacks at \$1.90. Special prices in quantity.

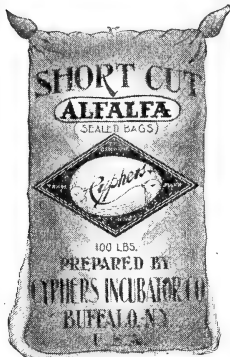
PURE BEEF SCRAPS.

The finest thing to make hens lay in winter. Feed 3 times a week at the rate of one ounce to each fowl, mixed with the daily feed.

Prices: 100-pound sack, \$3.15. Smaller quantities at 3 1/2 cents per pound.

CRUSHED OYSTER SHELLS.

Best Baltimore stock, free from dust and dirt.
 Prices: 100-pound sack, 75c; 3 sacks at 70c. Special prices in quantity.



SHORT-CUT ALFALFA (CYPHERS).

A high-grade article prepared by special machinery and entirely free from dust. Guaranteed 95 per cent pure. Alfalfa contains 14 to 18 per cent protein, the most valuable of food elements.

Price: 100-pound sack, \$2.00. Special prices in quantity.

MEALD ALFALFA (CYPHERS).

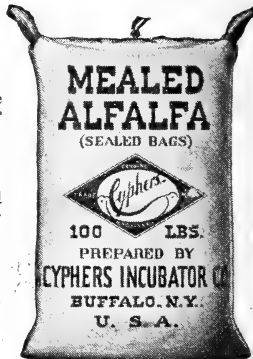
The ideal food for mashes. Properly ground by special high-priced machinery from the best field-green Alfalfa. Common alfalfa meal contains more or less dust and dirt, but Cyphers' Mealed Alfalfa is clean.

Price: 100-pound sack, \$2.25. Special prices in quantity.

LAYING MASH (CYPHERS).

A mixture of sound, sweet, nutritious grains in ground form to which is added a liberal proportion of blood meal, and mealed alfalfa.

Price: 100-pound sack, \$2.25. Special prices in quantity.



CRUSHED CLAM SHELLS. Made of fresh water shells.

Prices: 100-lb. sack, 60c; 3 sacks at 55c.

PEARL GRIT. A double purpose grit furnishing material for both grinding and shell making.

Prices: 100-lb. sack, 75c; 3 sacks at 70c.

MICO SPAR CUBICAL GRIT. The best pure grit we know of.

Prices, same as for Pearl Grit.
 (We have shells and grit in two sizes, poultry and chick.)

GRANULATED POULTRY BONE. Of great value as a bone, muscle and flesh producer.

Prices: 100-pound sack, \$2.65. Smaller quantities at 3c. We have three sizes, coarse, fine and meal.

DRIED BLOOD MEAL. A highly concentrated feed, rich in albumen and egg-forming materials.

Prices: 100-pound sack, \$3.65. Less at 4c.

GROUND CHARCOAL.

Prices: 50-pound sack, \$1.00. Less at 2 1/2c.

GRAINS, ETC., FOR POULTRY. (Prices include sacks, but are subject to change. Samples free. Special prices in quantity.)

Feed Wheat, choice grade	\$1.75	Cracked Corn, fine	1.55
Kafir Corn, equal to wheat	1.45	Feed Millet	1.85
Cracked Kafir Corn	1.50	Wheat Bran, best grade	1.35
Cracked Corn, coarse	1.50	Hulled Oats, for chicks	2.50
		Sunflower	4.25

CONKEY'S POULTRY REMEDIES.

We recommend Conkey's Poultry Remedies to you in the highest terms. They must satisfy you or your money is returned.

ONE REMEDY FOR EACH DISEASE.

- Conkey's Roup Cure. For sneezing, swollen-headed fowls. If they breathe hard, have watery discharge from nose and eyes, this Roup Cure will fix them. Reliable as a cure—excellent as a preventive. Prices: 50c and \$1.00, postpaid. Trial box, 25c.
- Conkey's Bronchitis Remedy. For a disease often mistaken for Roup. 50c. Wt., 10 oz.
- Conkey's Gape Remedy. Valuable both as cure and preventive; 50c. Wt., 10 oz.
- Conkey's Chicken Pox Remedy; 50c. Wt., 10 oz.
- Conkey's Limber Neck Remedy; 50c. Wt., 10 oz.
- Conkey's Scaly Leg Remedy; 25c and 50c. Wt., 5 and 10 oz. each.
- Conkey's Rheumatic Remedy; 50c. Wt., 10 oz.
- Conkey's Poultry Laxative; 25c, postpaid.
- Conkey's Head Lice Ointment; 10c and 25c, postpaid.
- Conkey's Poultry Worm Remedy; 25c, postpaid.



Conkey's Poultry Tonic. A strong, powerful tonic for birds which are run down, recovering from disease, off feed, moping. Give this a trial—it does the business.

Price: 25c. Wt., 5 oz.
 Conkey's Cholera Cure. A splendid remedy for diarrhoea, dysentery, sour crop,—all diseases of the digestive organs. Prices: 25c and 50c, postpaid.

Conkey's Lice Powder. A powder that actually kills the lice and does it instantly. We positively guarantee this. Nothing ever made so effectual for body lice on fowls. Try it on those sitting hens. Won't hurt the fowl or taint the egg.

Prices: 5 oz., 10c; 15 oz., 25c; 48 oz., 50c; 100 oz., \$1.00.
 Quick Loader Duster. For blowing powder into cracks and crevices. Price 10c.

Conkey's Lice Liquid. You can't reach the mites with a powder. They cling to the roosts and hide in the cracks and crevices. This article to paint and spray on roosts, etc., is sure death.

Prices: Qt., 35c; 2 qts., 60c; gal., \$1.00. Not mailable.

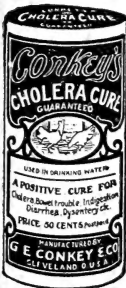
Conkey's Laying Tonic. Made to promote egg production and it does it. Unless your hens lay when eggs are high your chance for profit is gone. Give them Conkey's Laying Tonic according to directions and you will be pleased. Your money back if you are not thoroughly satisfied.

Prices: 25c, 50c, \$1.00 per package; \$3.00 per pair.
 Conkey's White Diarrhoea Remedy. This saves the chicks. 60 to 70 per cent of chicks attacked died from this disease before the remedy was discovered.

Prices: 25c and 50c postpaid.
 Conkey's Noxicide. A wonderful disinfectant and germicide. A high grade sheep dip. Good for scores of purposes—cleaning incubators and brooders, washing founts and troughs, spraying wherever germs are present. Invaluable in the house or out. Send for Special Book on Noxicide.

Prices: Pt., 35c; qt., 60c; 2 qts., 90c; gallon, \$1.50. Not mailable.
 Conkey's Sulphur Fumigating Candles. 10c each; 3 for 25c. Wt., 5 oz. each.

Conkey's Poultry Book. Filled with the best kind of information for the poultryman. A real book of reference. Price, 50c, or free on request with every order for Poultry Remedies amounting to \$1.00.



CONKEY'S FLY KNOCKER.

For farmers, stockmen and dairymen. Kills every fly it hits and keeps others from annoying stock. 1 qt., 35c; 2 qts., 60c; 1 gal., \$1.00; 5 gal., \$4.00. Not mailable.

LEE'S POULTRY REMEDIES.

Lee's Lice Killer. A very famous and effective lice liquid for lice, mites, jiggers, bedbugs and all vermin anywhere and everywhere.

Prices: Qt., 35c; 1/2 gal., 60c; gal., \$1.00. Not mailable.
 Lee's Insect Powder. Specially valuable for use on little chicks and setting hens. Put up in 1 1/4 lb. sprinkler-top cans.

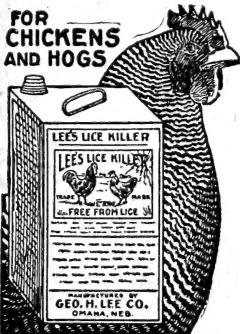
Price, 25c.
 Lee's Egg Maker. A highly concentrated meat food. One pound equal to 16 pounds fresh beef. Fine for hens, also for small chicks.

Prices: 25c and 50c per package; \$2.00 per pair.
 Lee's Germozone. A famous cure for Roup, Cholera, Bowel Complaint, Chicken Pox and other similar diseases. Also a preventive. Give in the drinking water twice a week.

Price 50c per bottle. Not mailable.
 Germozone Tablets. 50c, postpaid.
 Lee's White Diarrhoea Remedy. Saves the young chicks.

Price, 50c postpaid.
 Lee's Flyo-Curo. A liquid preparation for coating the surface of the hair of horses, cattle and other animals during the summer and fall. Cows will give double the milk if protected.

Prices: 35c, 60c and \$1.00. Not mailable.



Note—Prices do not include postage unless so stated. See Parcel Post law, page one.

POULTRY SUPPLIES.

SANITARY WALL FOUNTAINS.

May be hung on side walls or posts and so prevent litter getting in. Made of heavy galvanized iron, with good sized opening, easy to clean. 1 qt. (wt. 10 oz.), 25c; 1 gal. (wt. 1 1/4 lbs.), 50c; 2 gal. (wt. 2 1/2 lbs.), 75c.

Galvanized Drinking Fountains. 1 qt. (wt. 6 oz.), 15c; 2 qt. (wt. 1 1/4 lbs.), 25c; 3 1/2 qt. (wt. 1 1/2 lbs.), 35c; 7 qt. (wt. 2 1/4 lbs.), 50c.

Eclipse Heated Drinking Fountain. Very valuable for use in winter. 2 gal., \$2.00.

Davis Klean Drink Founts. Can be used for either food or water. 1 qt. (wt. 6 oz.), 20c; 2 qt., (wt. 8 oz.), 25c.

Beef Scrap and Dry Food Hopper. Galvanized iron. Wt., 2 1/2 lbs. 50c each.

3-Compartment Grit and Shell Box. Can be suspended from wall by handle. 50c each, (wt. 2 1/2 lbs.).

Model Beef Scrap Hopper. Two-compartment. (Wt., 3 lbs.), 75c.

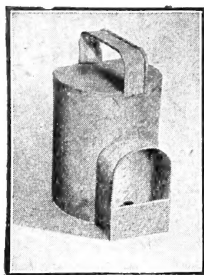
ECONOMIC FOOD HOPPER.

A new style of general purpose hopper. May be set on the floor or hung on the wall. The screen prevents hens from scattering the food. Cheap and economical. Rat proof.

Medium size (peck), 75c; large size (1/2 bu.), 90c.

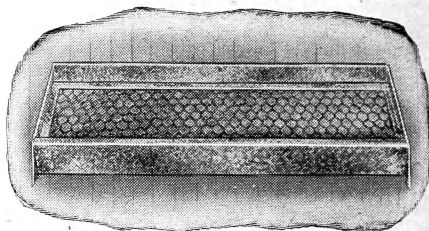
Security Hopper. Best dry food hopper on the market. Peck size, \$1.25; half bushel size, \$1.75.

Smith Sealed Leg Bands. 12 for 30c; 25 for 50c; 60 for \$1.00; 100 for \$1.50, postpaid.



Sanitary Wall Fount.

- Sealers for Smith Sealed Leg Bands, 50c each.
 - Double Clinch Leg Bands. 12 for 15c; 25 for 25c; 50 for 40c; 100 for 65c, postpaid.
 - Leader Adjustable Leg Bands. Smoothest fastening. Prices, same as for Double Clinch.
 - Eclipse Leg Bands. Prices, same as for Double Clinch.
 - Climax Leg Bands. 12 for 15c; 25 for 30c; 50 for 45c; 100 for 75c, postpaid.
 - Open Pigeon Bands. 12 for 15c; 25 for 25c; 50 for 40c; 100 for 65c, postpaid.
 - Seamless Pigeon Bands. 12 for 30c; 25 for 50c; 50 for \$1.00; 100 for \$1.50, postpaid. (Special Leg Band Circular free on request.)
 - Petty Perfect Poultry Punch. For puncturing the web between the toes. 25c, postpaid.
 - Metal Nests. Sanitary and durable. \$1.00 each.
 - Primm Round Brood Coops. Best brood coops made. \$2.25 each.
 - Egg Boxes, Eyrie and Anderson. For shipping eggs. 1 Sitting, 15c; 2 Sitting, 20c.
 - Eyrie Shipping Coops. Light and strong. Single Bird, 50c; Pair, 60c; Trio, 75c.
 - Porcelain Nest Eggs. Made of the best flint glass. 3c each; 2 for 5c; doz., 25c.
 - Rat Terror. Guaranteed to clean out the rats. Non-poisonous. 15c, 35c, 50c.
- Note—Prices on the above do not generally include postage. Most of them can be mailed by Parcel Post. See table, page one.



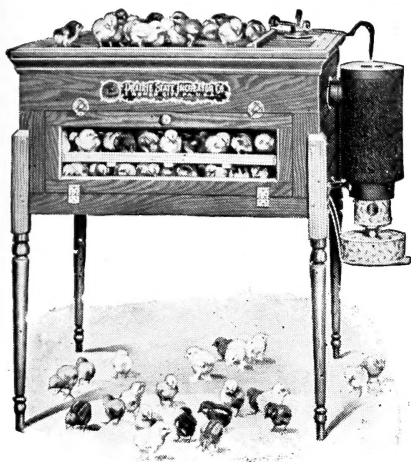
Economic Hopper, showing screen in position.

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INCUBATORS AND BROODERS

Prairie State Incubators and Brooders



Prairie State No. 1, 150 Eggs.
Price, \$22.50.

We believe there are no better incubators and brooders made than the Prairie State. They are strictly highgrade in every respect and they have an enviable reputation in all parts of the country, gained by thousands of tests made in large poultry plants. In fact, they are guaranteed to give entire satisfaction and they are durable.

PRAIRIE STATE PRICES FOR 1913.

No. 0 Incubator, 100 Eggs	\$18.00
No. 1 Incubator, 150 Eggs	22.50
No. 2 Incubator, 240 Eggs	32.00
No. 3 Incubator, 390 Eggs	38.00
No. 2 Jr. Incubator, 115 Eggs	15.00
No. 0 Keystone Incubator, 60 Eggs	8.00
No. 1 Keystone Incubator, 100 Eggs	12.00
No. 1 Colony House Brooder	20.00
No. 2 Colony House Brooder	16.00
No. 3 Colony House Brooder	12.00
Universal Hover, Indoor	6.00
Universal Hover, Outdoor	7.00
Brooder Heat Regulator	1.00

Prairie State Incubators produce strong, livable chicks. It is not enough to hatch the chick. You want to raise it. The high death rate of chicks the first 10 days is more often due to imperfect incubation than any other cause. The successful construction of Prairie State Incubators was made possible by actual tests in connection with setting hens.

Large Illustrated Prairie State Catalogue Mailed Free.

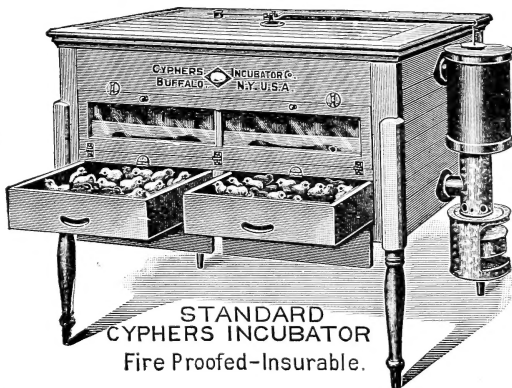
Cyphers Incubators and Brooders

Practical poultry raisers who mean business and desire the greatest possible success should look for and demand the qualities that have made Cyphers Incubators **WORLD FAMOUS**.

Cyphers Incubators are largely used by Government Experiment Stations and large poultry plants everywhere. They are **Fire-proofed, Insurable, Self-ventilating, Self-regulating, Efficient, Durable and Positively Guaranteed.**

CYPHERS PRICES FOR 1913.

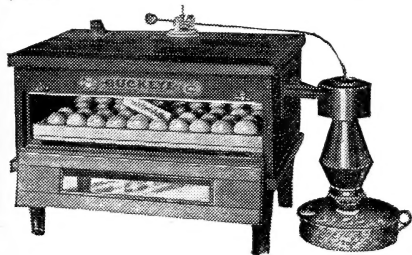
No. 0 Incubator, 70 Eggs	\$15.00
No. 1 Incubator, 144 Eggs	22.00
No. 2 Incubator, 244 Eggs	32.00
No. 3 Incubator, 390 Eggs	38.00
Style A, Outdoor Brooder	12.50
Style B, Outdoor Brooder	16.50
Style C, Outdoor Brooder	18.50
Style D, Indoor Brooder	11.50
Adaptable Outdoor Hover	8.50
New Portable Outdoor Hover	8.50



Write for Complete Cyphers Catalogue, 244 Pages, entitled Poultry Growers' Guide for 1913.

Buckeye Incubators and Brooders.

Anybody can hatch chickens with a Buckeye. Simple, practical and low priced. There are 325,000 of them in successful operation and the manufacturers tell us to say that "every Buckeye Incubator is guaranteed to hatch every hatchable egg and remain in perfect working order for five years."



Buckeye Style C, 50 Eggs. Price, \$6.00.

BUCKEYE PRICES FOR 1913.

Style C, Incubator, 50 Eggs	\$ 6.00
Style A, Incubator, 60 Eggs	8.00
Standard "60" Incubator, 60 Eggs	10.00
Standard "110" Incubator, 110 Eggs	15.00
No. 1 Indoor Brooder, 50 Chicks	7.00
No. 2 Outdoor Brooder, 50 Chicks	9.00
No. 5 Lampless Brooder, 25 Chicks	1.75
No. 6 Lampless Brooder, 50 Chicks	2.75

Ask for a Complete Catalogue. 100,000 Buckeyes Were Sold Last Year.

Field of Olds' Crimson Globe Onions
Yield 750 Bushels Per Acre

Grown By J. C. Koster, Dane County, Wis.

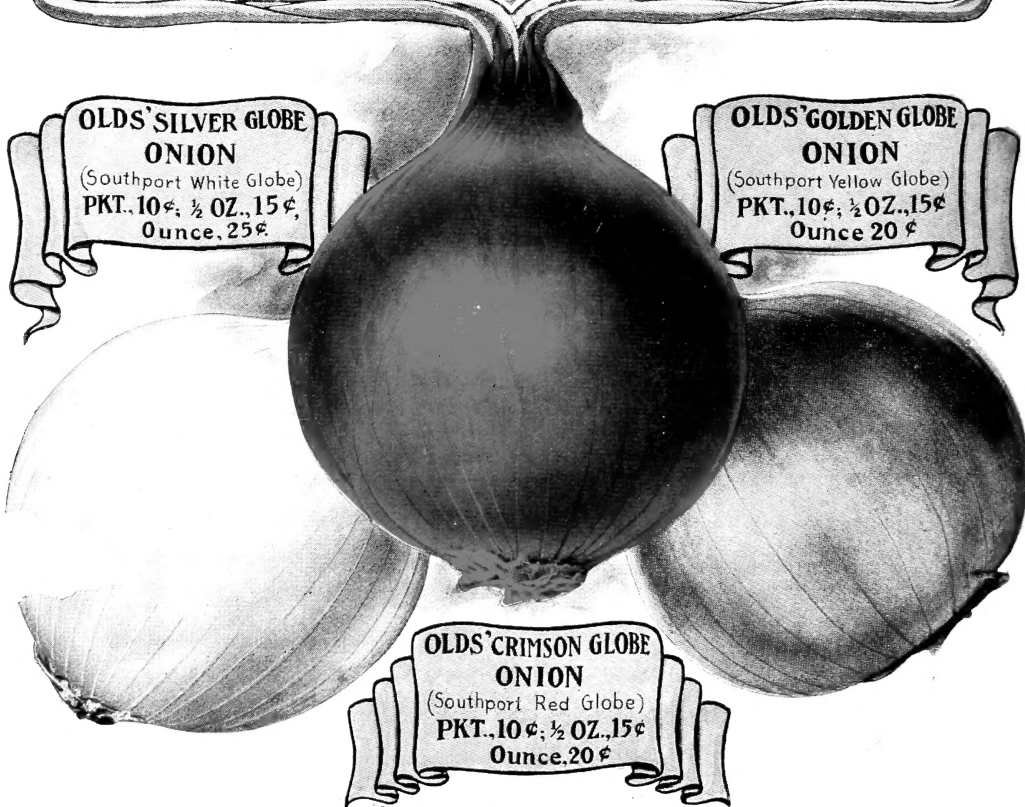


**OLDS' SILVER GLOBE
ONION**

(Southport White Globe)
PKT., 10¢; ½ OZ., 15¢
Ounce, 25¢

**OLDS' GOLDEN GLOBE
ONION**

(Southport Yellow Globe)
PKT., 10¢; ½ OZ., 15¢
Ounce 20¢



**OLDS' CRIMSON GLOBE
ONION**

(Southport Red Globe)
PKT., 10¢; ½ OZ., 15¢
Ounce, 20¢

Olds' Three New Globe Onions

(See Page 57)

One Packet Of Each For 25¢