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6297

JUN 28 1925

# OLDS'

## CATALOG

TELLS THE TRUTH

# 1925

38<sup>TH</sup> YEAR

# FARM and GARDEN SEEDS

*"ALFALFA"*  
The FARMERS  
Best Bet for  
1925

SEEDS, BULBS, PLANTS, SEED POTATOES  
GARDEN TOOLS, POULTRY SUPPLIES, INSECTICIDES

# L·L·OLDS SEED COMPANY.

MADISON, WISCONSIN.

D. N. Shoemaker

565 2 3 522

WEBB PUBLISHING CO. ST. PAUL, MINN.



Olds Building, 720, 722 and 724 Williamson St., Madison. Built of Steel, Brick and Concrete and Strictly Fireproof. The Structure is 60 by 125 Feet, Four Stories and Basement.



## MANAGER'S PERSONAL WORD

Dear Friends and Customers:

Madison, Wis., Jan. 1, 1925.

In presenting this our 38th Annual Catalog I wish to thank you heartily for your continued patronage. I began this business way back in 1888 on the old farm at Clinton, Wisconsin, handling for the first few years nothing but seed potatoes. I little thought then that the business would grow to its present proportions. The past year was the largest in our history except one, the year 1920.

**Confidence.** I am more and more impressed with the fact that our success in the seed business is dependent on the confidence that our customers have in us. It is not enough that we are financially responsible and that Dun and Bradstreet give us high ratings with first grades of credit. We must make people understand that our seeds are just exactly as we represent them, that with ordinarily favorable conditions and care they will produce as they are expected to produce and that if anything is wrong we will make it right. If we can do that I am sure the orders will come in a very satisfactory way. We hope to further establish this confidence partly by what we say in this catalog and the way we say it but mainly by the way the seeds themselves produce and make good.

**Honesty and Integrity.** For 25 years I have been a member of the American Seed Trade Association, an organization that, to quote from its constitution, stands for "business integrity, purity of stocks, honesty of representation, carefulness of obligations and promptness in execution." These things we are constantly trying to live up to and we are proud of our membership in this association.

**Good Seeds are Fundamental.** It is the poorest kind of policy to buy low-priced seeds or to buy of an unknown firm or of one who has no reputation to sustain. It is often a mistake also to depend upon seed that you may be able to pick up from your neighbor, seed that is untested and that may indeed contain noxious weeds. Another mistake that many farmers have made in the past few years has been to let their fields go without proper seed because they thought they could not afford to buy it. This is false economy. Good seed is not an expense but an investment.

**Our Catalog Reliable.** We try to make all the statements and descriptions in this catalog absolutely truthful and accurate. The slogan, "Olds' Catalog Tells the Truth," we have used for a number of years. It was first suggested by one of our directors, Mr. Charles N. Brown. Our purpose is to make the slogan an absolute fact. We want the catalog also to be really a true guide to the person who is trying to select the best varieties for his or her conditions.

**Prosperity is Here.** The past few years have been hard ones for farmers, but conditions have been improving and now are very much better than they were a year ago. Herbert Hoover, Secretary of Commerce, in his annual report to the President recently, says "The outstanding event of the past year was the improvement in agricultural prices." The coming year will be one of opportunity. Resolve that you will improve it. Start right by planting the best seeds.

Yours for a banner year,

L. L. OLDS, President and General Manager.  
L. L. OLDS SEED COMPANY.

# Better Homes and Gardens

For Home Lovers in Cities, Towns and Suburbs

This fine garden and home improvement magazine, formerly known as Fruit, Garden and Home, in two years attracted to itself 500,000 subscribers. Every family having a house and garden needs it.

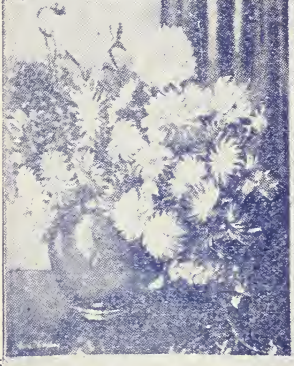
It gives definite plans for making homes more comfortable and more attractive. In it you will find just the information you want regarding Flower and Vegetable Gardening, Shrubbery, Landscaping, Lawn Improvement, Building, Interior and Exterior Decoration, Cooking, Canning and Housekeeping.

Better Homes and Gardens has four color covers, is printed on extra good paper and is beautifully illustrated. It is the only national magazine of its kind with so reasonable subscription rates—only \$1 for 2 years, 60c for 1 year. Published monthly, 52 to 100 pages. Single copy 10c. Satisfaction guaranteed or money refunded.

August 1924

10 Cents

Better Homes and Gardens



For Special Introductory Offer, See Other Side

Successful Farming Two years—People's Popular Monthly One Year

## Both Papers 50c



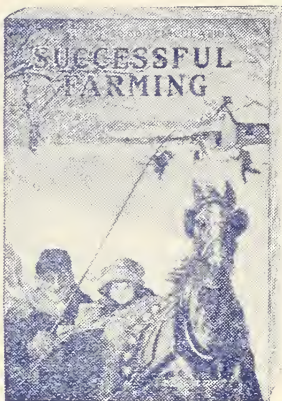
Use Money-Saving Coupon on Other Side

### SUCCESSFUL FARMING

Will bring to you during the two years at least 1,800 articles on Farmers' Organizations, Cooperative Marketing, Ways to Get Better Prices for Farm Products, Livestock Breeding, Feeds and Feeding, Crops and Soils, Poultry, Practical Farm Suggestions, etc. Large Dressmaking, Household, and Boys' and Girls' Departments. 52 to 184 pages each issue.

### PEOPLE'S POPULAR MONTHLY

A splendid Family Magazine. Every issue filled with the best of Stories—the intense, gripping kind, clean and wholesome; lots of Recipes, Fashions, Fancy Work, Patterns. Many Special Departments. Every number will be of interest and value to each member of your family. Eight Big Serial Stories during the year; three to five complete Short Stories every month.



The Best of Good Reading for Every Member of the Family

Cut or Tear Off at Dotted Line

## THE DAIRY FARMER

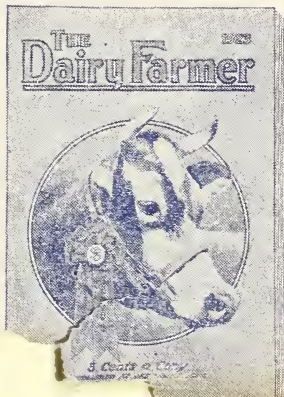
**For Folks Who Milk Cows:** You and your family will appreciate The Dairy Farmer's "Big H" program—the Home, the Herd, the Hog, the Hen. Every copy is chock-full of articles on home decoration, recipes, etc., for mother and the girls; and "brass tacks" information for you regarding the dairy cow, and profitable hog and poultry raising.

Published the first and fifteenth of each month—42 to 64 pages each issue.

### People's Popular Monthly

**A Splendid Family Magazine:** Every issue filled with the best of Stories—the intense, gripping kind, clean and wholesome; lots of Recipes, Fashions, Fancy Work, Patterns. Many special Departments. Every number will be of interest and value to every member of your family. Eight Big Serial Stories during the year; three to five complete Short Stories every month.

## The American Needlewoman



every gift articles, and of



## "Bulb Gardening" and Valuable Reprint Free

Anyone who has a bit of ground, however tiny, can successfully engage in bulb gardening.

Our book on "Bulb Gardening" contains 36 pages, on the various phases of bulb culture, such as "Laying Out a Bulb Garden," "Kinds of Bulbs," "Planting," "When to Plant Table," "How to Plant," etc.

Printed on good paper, profusely illustrated, this book is of great interest and value to all who love the beautiful blooms produced by bulbs.

**Our Special Introductory Offer:** Return this coupon promptly, with \$1 for a 2-year subscription, or 60c for a 1-year subscription to Better Homes and Gardens, and we will send you, postpaid, a copy of "Bulb Gardening," and in addition, a reprint of three special articles from previous numbers of Better Homes and Gardens, entitled "How to Eradicate the Dandelion," "Planning the Backyard Fence," and "Perfect Privacy With Lattice Fences." Use blanks below and mail Coupon NOW. You will be pleased. (Offer good in U. S. only.)

**BETTER HOMES and GARDENS, E. T. Meredith, Publisher, Des Moines, Iowa:**  
Enclosed is \$\_\_\_\_\_ in acceptance of your Special Introductory Offer. Please send Better Homes and Gardens for \_\_\_\_\_ years, also the book "Bulb Gardening" and Reprint. It is understood I am to have free service from your Subscribers' Information Bureau.

Name \_\_\_\_\_ Street No. \_\_\_\_\_  
Post Office \_\_\_\_\_ Box No. \_\_\_\_\_ State \_\_\_\_\_

See Other Side for Description of Better Homes and Gardens 61-O. S. Co.

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Better Send Your Order NOW

Successful Farming, 2 full years } All for Only  
People's Popular Monthly, 1 full year } 50 Cents  
Free use of Successful Farming's Subscribers' Information Bureau } You Save 25c

(This offer good in United States proper only)

**SUCCESSFUL FARMING, Des Moines, Iowa.** Date \_\_\_\_\_

Gentlemen: Enclosed find 50 cents for which send me Successful Farming two full years and People's Popular Monthly one full year. It is understood that Successful Farming's Subscriber's Information Bureau will furnish me, without charge, during the term of my subscription, any special information I request about any branch of farming or marketing.

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[See Other Side]

61-O. S. Co.

## These THREE Will SATISFY YOU!

The Best---at a Money-Saving Bargain!

The Dairy Farmer, - - - 2 years } All THREE for  
The American Needlewoman, 1 year } Only \$1  
People's Popular Monthly, - 1 year }  
Free Use of The Dairy Farmer's Subscribers' Information Bureau. This offer good in United States proper only. } —You SAVE 45c—

**E. T. MEREDITH, Publisher, Des Moines, Iowa.**

Dear Mr. Meredith: I accept the Money-Saving Offer above. Enclosed find \$1 for my subscription to all three magazines. It is understood that The Dairy Farmer's Subscribers' Information Bureau will furnish me, without charge, during the term of my subscription, any special information I request upon dairying or other subjects.

My Name \_\_\_\_\_

# GENERAL ARRANGEMENT OF THIS CATALOG.

(Complete Index on Page 96.)

**CLOVER AND ALFALFA.** Pages 2-5. American grown seed, the best obtainable, of Medium and Mammoth Clover, Alsike, Sweet Clover, including Hubam and Grundy County, Grimm and Common Alfalfa. Samples free.

**TIMOTHY AND OTHER GRASSES.** Pages 6 and 7. Our Timothy Seed is high grade re-cleaned seed. We offer also the best grades of Red Top, Blue Grass, and other grasses and specialize in high grade Lawn Mixtures.

**SEED CORN.** Pages 8-12. Adapted varieties, fire dried, high germinating stocks.

**SEED OATS.** Pages 13-16. All the famous Wisconsin recognized varieties as well as others.

**SEED BARLEY, SPELTZ, WHEAT, RYE AND BUCKWHEAT.** Pages 17-19. The best for the north.

**SOY BEANS, MILLET, RAPE, SUDAN GRASS.** Pages 20-23. Everything in the line of Forage Plants.

**SEED POTATOES.** Pages 24-27. Choice Seed Potatoes have been our specialty from the start 38 years ago.

**VEGETABLE SEEDS.** Pages 28-63. A very complete list of all kinds of vegetables, all of our seed is carefully grown and fully tested. No man has any better Garden Seeds. Do not overlook our "Dollar Collection."

**FLOWER SEEDS.** Pages 64-84. Ten pages of the hardiest and most valuable flowers.

**PLANTS, BULBS AND NURSERY STOCK.** Pages 74-87. Hardy ornamental shrubs, plants and vines, dahlias, gladioli and other bulbs, vegetable plants, fruit trees and plants.

**TOOLS, FERTILIZERS, INSECTICIDES AND POULTRY SUPPLIES.** Pages 88-96. A large assortment of farm and garden tools and requisites of all kinds and a full line of poultry feeds and supplies.

## INSTRUCTIONS FOR ORDERING.

**PLEASE USE ORDER SHEET** found in the catalog in making out your order and retain a copy of the order. If you have occasion later on to give us about the order, give postoffice address under which it was mailed. Orders are filed by post offices, so if you write a different post-office address in writing it is difficult for us to find the order.

**WE ACKNOWLEDGE ORDERS** immediately when received unless the order, or some part of it, is to be sent at once, or within a day or so. If any part is mailed right out that answers as an acknowledgment or if goods can be sent at once or very soon by freight or express we send acknowledgment and notice of shipment at the same time, enclosing Bill of Lading.

**WE SEND LARGE SHIPMENTS BY FREIGHT** unless otherwise instructed. See table of freight rates below. We have three railroads here at Madison, Chicago and Northwestern, Chicago, Milwaukee and St. Paul and Illinois Central.

**CUSTOMERS PAY TRANSPORTATION CHARGES** on all goods unless offered postpaid. Small shipments will be sent by express unless ordered by mail or unless the price includes postage. Our garden seed prices in small quantities are postpaid prices, but prices on field seeds and side lines do not include postage unless so stated. There are special express rates on seeds, in the main, 25 per cent less than the merchandise rates.

**NO CHARGE FOR PACKING OR CARTAGE.** Everything will be securely packed and labeled and delivered free at the freight, express or post office.

**ORDER EARLY.** Do this for two reasons. We can give your orders more careful and prompt attention if received before we get into the rush, and then we will not have to write for permission to substitute for varieties sold out.

## OUR THREEFOLD GUARANTEE.

**1. QUALITY.** We guarantee the quality of the seeds, plants, bulbs and potatoes we send out to the extent that should they not prove as represented we will refill the order or return the money; but we give no further warranty, express or implied, as to description, purity, quality, productiveness or any other matter of any seeds, potatoes, bulbs or plants. We send out and will not be responsible for the crop. Goods may be returned if not satisfactory.

**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 is left to our discretion. If any goods arrive in bad order, however, bags torn or anything else wrong, have this noted on the freight expense bill which must be sent us so that we can make proper claim. The bill of lading must be returned also. Therefore do not lose the bill of lading.

**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 accept personal checks at face value. They look good to us. Small amounts, less than \$1.00, may usually be sent safely in postage stamps or coin.

## PRICE CHANGES.

It is impossible to anticipate in advance all our requirements in some staple items or to foresee market changes. Accordingly we reserve the right to change the prices of Field Seeds if necessary after Feb. 1st. Beginning with that date we issue weekly price lists of Field Seeds giving the prices in effect each week. These price lists are furnished on application and inserted in catalogs mailed after Feb. 1st. The prices on Garden Seeds and on most of the side lines will remain throughout the season as given in the catalog and we do not expect there will be many changes in the Field Seed prices but there are sure to be some.

## FREIGHT RATES FROM MADISON, WIS., IN EFFECT JAN. 1, 1925.

Per 100 Lbs., in Bags, Barrels, Boxes, etc., Less than Car Lots, to Points Named Below.

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

		3rd.	4th.		3rd.	4th.		3rd.	4th.
Antigo, Wis.	3rd.	\$0.48	\$0.36	Aurora, Ill.	40	.30	Yankton, S. D.	.79	.56
Ashland, Wis.	.62	.38	Bloomington, Ill.	.49	.36	Bismarck, N. D.	1.03	1.17	1.17
Baraboo, Wis.	.24	.16	Champaign, Ill.	.53	.39	Pargo, N. D.	1.17	.82	.82
Beloit, Wis.	.24	.17	Chicago, Ill.	.40	.30	Grand Forks, N. D.	1.26	.90	.90
Clinton J. Wis.	.25	.19	Decatur, Ill.	.52	.39	Williston, N. D.	2.06	1.50	1.50
Dodgeville, Wis.	.24	.17	Elgin, Ill.	.38	.28	Beatrice, Neb.	.81	.61	.61
Eau Claire Wis.	.45	.34	Freeport, Ill.	.32	.24	Fremont, Neb.	.74	.55	.55
Elroy, Wis.	.28	.21	Galesburg, Ill.	.49	.36	Galveston, N. D.	1.27	.85	.85
Evansville, Wis.	.19	.15	Jacksonville, Ill.	.54	.40	Lincoln, Neb.	.84	.58	.58
Fond du Lac, Wis.	.31	.23	Joliet, Ill.	.40	.30	Omaha, Neb.	.76	.51	.51
Ft. Atkinson, Wis.	.23	.17	La Salle, Ill.	.42	.32	Hannibal, Mo.	.56	.43	.43
Green Bay, Wis.	.41	.31	Peoria, Ill.	.50	.37	Kansas City, Mo.	.76	.51	.51
Janesville, Wis.	.22	.16	Rockford, Ill.	.56	.42	Gulley, Mo.	.61	.46	.46
Jefferson, Wis.	.22	.16	Rockford, Ill.	.33	.25	St. Louis, Mo.	.59	.44	.44
Ia Cross, Wis.	.38	.28	Rock Island, Ill.	.46	.34	Springfield, Mo.	.76	.55	.55
Lake Geneva, Wis.	.36	.27	Springfield, Ill.	.53	.39	Elkhart, Ind.	.69	.50	.50
Lake Mills, Wis.	.20	.15	Woodstock, Ill.	.34	.25	Fort Wayne, Ind.	.72	.53	.53
Lodi, Wis.	.18	.13	Cedar Rapids, Ia.	.47	.35	Indianapolis, Ind.	.76	.56	.56
Monroe, Wis.	.28	.21	Clinton, Ia.	.39	.29	South Bend, Ind.	.66	.49	.49
Mauston, Wis.	.28	.21	Davenport, Ia.	.46	.34	Terre Haute, Ind.	.75	.56	.56
Mazomanie, Wis.	.19	.15	Des Moines, Ia.	.55	.41	Vincennes, Ind.	.80	.59	.59
Middleton, Wis.	.17	.15	Dubuque, Ia.	.41	.31	Cleveland, Ohio.	.85	.63	.63
Milwaukee, Wis.	.30	.22	Port Dodge, Ia.	.59	.44	Columbus, Ohio.	.84	.63	.63
Monroe, Wis.	.28	.21	Marshalltown, Ia.	.53	.39	Dayton, Ohio.	.82	.60	.60
Mt. Horeb, Wis.	.19	.15	Ottumwa, Ia.	.55	.41	Toledo, Ohio.	.80	.59	.59
Oshkosh, Wis.	.34	.25	Sioux City, Ia.	.76	.51	Detroit, Mich.	.80	.60	.60
Platteville, Wis.	.31	.23	Waterloo, Ia.	.52	.38	Grand Rapids, Mich.	.74	.54	.54
Portage, Wis.	.22	.16	Duluth, Minn.	.67	.43	Kalamazoo, Mich.	.79	.53	.53
Racine, Wis.	.23	.25	Faribault, Minn.	.61	.39	Lansing, Mich.	.80	.59	.59
Reedsburg, Wis.	.25	.19	Mankato, Minn.	.65	.41	Port Huron, Mich.	.84	.61	.61
Sheboygan, Wis.	.38	.28	Red Wing, Minn.	.61	.39	Saginaw, Mich.	.81	.59	.59
Sparta, Wis.	.34	.25	St. Cloud, Minn.	.79	.64	Marquette, Mich.	.61	.43	.43
Stevens Point, Wis.	.51	.38	East, Minn.	.61	.41	Perris, Mich.	.76	.51	.51
Stoughton, Wis.	.17	.13	Stillwater, Minn.	.61	.41	Topeka, Kans.	.90	.65	.65
Sun Prairie, Wis.	.17	.15	Winona, Minn.	.50	.37	Wichita, Kans.	1.31	.98	.98
Watertown, Wis.	.22	.16	Aberdeen, S. D.	1.02	.76	Port Smith, Ark.	1.32	1.03	1.03
Waukesha, Wis.	.26	.20	Mitchell, S. D.	.97	.69	Little Rock, Ark.	1.17	.90	.90
Wausau, Wis.	.43	.33	Sioux Falls, S. D.	.79	.52	Muskogee, Okla.	1.37	1.05	1.05
						Oklahoma City, Okla.	1.63	1.32	1.32
						Dallas, Texas.	1.76	1.61	1.61
						Fort Worth, Texas.	1.76	1.61	1.61
						Houston, Texas.	1.76	1.61	1.61
						Denver, Colo.	1.67	1.29	1.29
						Cheyenne, Wyo.	1.67	1.29	1.29
						Billings, Mont.	2.54	2.04	2.04
						Helena, Mont.	2.77	2.23	2.23
						Miles City, Mont.	2.32	1.77	1.77
						Seattle, Wash.	3.67	3.11	3.11
						Spokane, Wash.	3.13	2.63	2.63
						Portland, Ore.	3.67	3.11	3.11
						Salt Lake City, Utah	2.77	2.23	2.23
						Salt Lake City, Utah	2.77	2.23	2.23
						Los Angeles, Cal.	3.67	3.11	3.11
						San Francisco, Cal.	3.67	3.11	3.11
						New Orleans, La.	1.57	1.32	1.32
						Syracuse, N. Y.	3.13	2.63	2.63
						Albany, N. Y.	1.13	.79	.79
						Buffalo, N. Y.	.92	.68	.68
						New York, N. Y.	1.18	.82	.82
						Rochester, N. Y.	.92	.68	.68
						Syracuse, N. Y.	.90	.69	.69
						Erie, Pa.	.92	.68	.68
						Harrisburg, Pa.	1.15	.79	.79
						Philadelphia, Pa.	1.16	.80	.80
						Pittsburg, Pa.	.93	.69	.69
						Hartford, Conn.	1.23	.86	.86
						Wilmington, Del.	1.16	.80	.80
						Bangor, Me.	1.23	.86	.86
						Concord, N. H.	1.23	.86	.86
						Trenton, N. J.	1.18	.82	.82
						Providence, R. I.	1.23	.86	.86
						Boston, Mass.	1.23	.86	.86
						Baltimore, Md.	1.15	.79	.79
						Richmond, Va.	1.15	.79	.79
						Wheeling, W. Va.	.93	.69	.69
						Memphis, Tenn.	1.18	.99	.99

# OLDS' CLOVER SEED.



Field of Medium Red Clover in Full Bloom.

## THE CLOVER SEED SITUATION.

Total Clover Seed Crop for the United States Only Half the Usual Amount.

This page is one of the last pages of the catalog to be written. As we go to press the clover seed situation is certainly a serious one. The latest crop reports show a total production of clover seed in the United States the past season of 817,000 bushels as compared with 1,100,000 in 1923 and a five-year average of 1,610,000 bushels. We have therefore just about half a crop the country over. Last year we were short also, but 400,000 bushels were imported from Europe. This year Europe has a shortage and will probably have very little seed for the United States. The best farmers do not want European seed anyway but somebody used it last year and it helped out.

Red Clover seed prices are already high but will be higher. We know we are giving our customers good advice when we urge them to buy early. You will pay more if you wait until spring and will not get as good seed if you succeed in getting seed at all. Fortunately at this writing we have a good large stock of clover seed on hand, more in fact than usual at this time of year as we have bought heavily. Our best seed this year comes from Idaho and this seed is beautiful indeed. Bright, clean and pure, dodder free and buckhorn free, testing 99 per cent or over in purity. We have quite a number of cars of this beautiful Idaho seed and from this stock we get our Superb Brand. Our Old Gold Brand is mostly Wisconsin and Minnesota grown. This is really very nice seed, testing usually 98 per cent or better and is entirely free of all noxious weeds, but it does not look as nice and is not as bright and fancy as the Idaho seed.

All our clover seed is thoroughly re-cleaned and is high grade seed in every way. It is all tested, is free from bad weeds and is all American grown. We never handle European seed at all. Do not buy foreign seed and do not buy cheap untested seed. It is the worst kind of folly. Buy Olds' tested re-cleaned northern grown seed.



## MEDIUM OR RED CLOVER.

Prices, by mail—Superb Brand (best grade): Lb., 50c; 3 lbs., \$1.40. By freight: Lb., 45c; 5 lbs., \$2.00; pk., \$5.85; bu. (60 lbs.), \$22.50; 100 lbs., \$37.50; 500 lbs. at \$37.00. Bags extra at 45c.  
Old Gold Brand: Pk., \$5.70; bu., \$21.90; 100 lbs., \$36.50; 500 lbs. at \$36.00.

## MAMMOTH CLOVER.

Resembles Medium but larger and coarser. Best for pasture and fertilizer.  
Prices, by mail—Superb Brand: Lb., 50c; 3 lbs., \$1.40. By freight: Lb., 45c; 5 lbs., \$2.05; pk., \$6.00; bu., \$23.10; 100 lbs., \$38.50; 500 lbs. at \$38.00.  
Old Gold Brand: Pk., \$5.85; bu., \$22.50; 100 lbs., \$37.50; 500 lbs. at \$37.00.

## ALSIKE CLOVER.

Finer and more leafy than Red Clover, but grows to a good height and makes a heavy yield of hay. Alsike is a splendid buy this year as it is much lower in price than Red and it goes further. Our best Alsike is from Idaho and is exceptionally beautiful, bright, clean seed, entirely free from Canada thistle and all other noxious weeds.

Prices, by mail—Superb Brand: Lb., 45c; 3 lbs., \$1.25. By freight: Lb., 40c; 5 lbs., \$1.75; pk., \$4.15; bu. (60 lbs.), \$15.60; 100 lbs., \$26.00; 500 lbs. at \$25.50. Bags extra at 45c.  
Old Gold Brand: Pk., \$4.00; bu., \$15.00; 100 lbs., \$25.00; 500 lbs. at \$24.50.

**WHITE DUTCH CLOVER.** Very fine for lawns. Seed is high as crop was short.  
Prices, Superb Brand—by mail: Lb., 80c; 3 lbs., \$2.25. By freight: Lb., 75c; 5 lbs., \$3.50; pk., \$10.15; bu. (60 lbs.), \$39.00; 100 lbs., \$65.00.

Old Gold Brand: Pk., \$10.00; bu., \$36.00; 100 lbs., \$60.00.  
Note: Prices named here are good until Feb. 1st only. After that Clover prices are strictly subject to change without notice. Ask for our "Weekly Price List."

Samples giving purity and germination tests, free on request. Bags extra at 45c.

Use Nitragin for inoculating all kinds of clover. See page 5.



# SWEET CLOVER. (The Great Fertilizer and Hay Crop.)

Sweet Clover is no longer an experiment. It has become a staple crop and is grown now in nearly all sections.

It grows readily on most all soils and locations.

It has the same sort of bacteria laden nodules as alfalfa and inoculates for that crop.

Sweet Clover brings land up rapidly and fits it not only for alfalfa but all crops.

It can be pastured while alfalfa cannot.

All stock relish it when once taught to eat it.

It makes a profitable hay crop, while the second crop may be harvested for seed.

Sow 10 to 15 pounds of seed per acre. The white blossomed variety is usually considered the most valuable. Hulled seed is preferable to unhulled and in fact is the only seed to sow. Scarifying the seed also makes it germinate better. All our sweet clover seed is scarified. The seed should always be inoculated for best results. See page 5.

The crop of White Blossom Sweet Clover was very good the past season, especially in North Dakota, where most of our seed was grown and where the best seed is produced. This is the year to sow sweet clover as the price is low. In many cases it will indeed prove a very good substitute for red clover.



Common Sweet Clover in Grundy County, Illinois. Photographed June 25th.

## GRUNDY COUNTY SWEET CLOVER.

It seems that Grundy County, Illinois, is a great sweet clover center. In fact the last census report shows that this county had the largest per cent acreage of sweet clover as a forage crop of any county in the United States. They grow there common white blossom, yellow blossom, Grundy County and Hubam but by far the greatest acreage now is Grundy County as the farmers all prefer it.



Grundy County Sweet Clover has several outstanding advantages. First, it is three weeks earlier than the common sweet clover. Thus the seed ripens ahead of most weeds. Second, while it grows to a good height and makes a good hay crop it is not as tall as the common and is much more easily handled. Third, it is finer and more leafy than the common and branches thickly about a foot above the ground. Fourth, it yields more seed than the common, several farms in Grundy County producing as high as 8 to 15 bushels per acre.

Grundy County Sweet Clover is perhaps more like Alfalfa than Sweet Clover. It grows like alfalfa only faster and the hay is like alfalfa hay so that it is in fact almost a "White Blossom Alfalfa."

We have a fine lot of this Grundy County Sweet Clover seed, all first grade beautiful seed, hulled and scarified.

We expect a great demand for this seed as on account of its earliness and quick growth and the leafiness and very fine quality of the hay produced it will prove more desirable nearly everywhere than the common sweet clover. Order early before the seed is all gone. Crop was again rather short.



Grundy County Sweet Clover on Same Farm as the Above. Photographed the Same Day. This Field Was Cut for Seed July 2nd, while the Common Was Not Ready Until July 22nd.

**YELLOW BLOSSOM SWEET CLOVER.** In addition to our Grundy County and Common Sweet Clover, both of which have a white blossom we are handling this year the large Biennial Yellow Blossom Sweet Clover. This is considered by some better than the White Blossom. Is said to be a little earlier and better for pasture.

## HUBAM SWEET CLOVER.

Hubam Sweet Clover was discovered at the Iowa Ex. Station in 1916 by Prof. H. D. Hughes, Chief of Farm Crops. The great value of Hubam Sweet Clover lies in the fact that it makes a heavy growth the same season it is sown. As the Rural New Yorker puts it, "It does in one season what alfalfa or the old sweet clover requires two years for doing. It will make a faster and stronger growth than any other plant yet well tested in this country." It can be sown in the spring like any other clover and a full crop of seed harvested the same season.

As a Honey Crop Hubam is of greatest value as it begins to bloom two months after seeding and continues blossoming in profusion all summer long making the best clover honey.

Culture. Sow with or without a nurse crop 10 to 15 pounds per acre. Spring is the best time for sowing but Hubam can be sown in the fall the same as other sweet clover. The seed we offer is genuine pure Hubam, scarified and all northern grown. Crop was very short the past season and seed is extremely scarce.

### PRICES OF SWEET CLOVER FOR 1925.

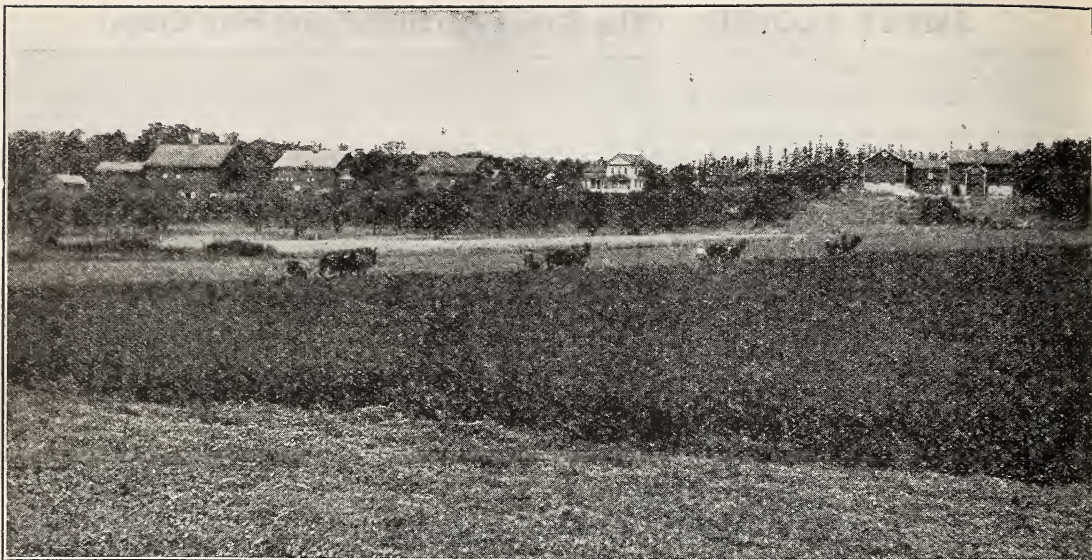
Common, White Blossom Hulled, Superb Brand—By mail: Lb., 30c; 3 lbs., 80c. By freight: Lb., 25c; 5 lbs., \$1.00; pk., \$2.65; bu. (60 lbs.), \$9.60; 100 lbs., \$16.00. 500 lbs. at \$15.50. Old Gold Brand: Bu., \$9.30; 100 lbs., \$15.50; 500 lbs. at \$15.00.

Grundy County, White Blossom Hulled—By mail: Lb., 30c; 3 lbs., 80c. By freight: Lb., 25c; 5 lbs., \$1.05; pk., \$2.80; bu., \$10.20; 100 lbs., \$17.00; 500 lbs. at \$16.50.

Yellow Blossom—By mail: Lb., 30c; 3 lbs., 80c. By freight: Lb., 25c; 5 lbs., \$1.05; pk., \$2.80; bu., \$10.20; 100 lbs., \$17.00; 500 lbs. at \$16.50.

Hubam—By mail: Lb., 60c. By freight: Lb., 55c; 5 lbs., \$2.50; pk., \$6.65; bu., \$25.50; 100 lbs., \$42.50; 500 lbs. at \$42.00.

Bags are extra at 45c each. Ask for "Weekly Price List" after February 1st. Also for samples giving tests.



107 Acres Alfalfa on Farm of Swartz Bros., Waukesha County, Wis., That Yielded 535 Tons of Splendid Hay.

## OLDS' FANCY ALFALFA SEED.

Alfalfa is jumping in popularity and favor. In 1923 we had in the state of Wisconsin 150,000 acres of alfalfa. The 1924 acreage jumped to 267,000, or an increase of 78 per cent. Prof. Graber says that in 1925 we will have 400,000 acres. We believe this estimate is very conservative and in fact we are looking for a tremendous demand for seed this year from all sections.

There are at least four reasons why there should be a largely increased alfalfa acreage for 1925. First, we know so much more about growing alfalfa now than formerly, how to sow the seed, how to handle the crop, how to use lime if it is needed, etc., that there is no need of failure. Get a copy of Wisconsin Bulletin No. 349, "How to Make Alfalfa a Sure Crop," by Prof. L. E. Graber. We have a supply of these bulletins here in our office and will be glad to send them free to our customers. Second, the alfalfa hay crop has been so generally profitable and satisfactory during the last year or two that farmers who have not yet tried it will surely want to do so this year. Third, there was a fine large crop of high quality seed in most of the alfalfa seed growing sections the past season so that the price is very reasonable. Fourth, Red Clover seed is so high this year that many farmers will use alfalfa as a substitute for clover.



For all the above reasons and others that might be mentioned we believe that the coming spring we will witness largely increased alfalfa sowing and so we say on our front cover "Alfalfa, the Farmer's Best Bet for 1925."

Anticipating therefore a very great demand for alfalfa seed we have loaded up heavily. We buy all our alfalfa seed in car lots and have on hand at this writing quite a number of straight carloads of high testing, re-cleaned seed.

Below we describe briefly these different lots of seed that we have to offer, with present prices. All our seed is American grown and adapted to sowing in the north. We never handle any imported alfalfa or southwestern grown alfalfa. Such seed is not considered hardy enough for northern sowing. As to prices, they are strictly subject to change after February 1st. We would not be surprised to see prices considerably higher as there will be a tremendous demand for the seed and we believe it will all be wanted. Buy early, is our advice.

### HARDY MONTANA ALFALFA

Montana Alfalfa has for some years had the reputation of being the hardiest of all strains of common alfalfa and the seed has been much sought after. The crop the past season in Montana was again very short, almost a failure in fact. We have at this date just one car of Montana grown seed. This is all in 60-pound sealed bags, state certified.

Prices—By mail: Lb., 45c; 3 lbs., \$1.25. By freight: Lb., 40c; ½ pk., \$2.65; pk., \$5.00; bu. (60 lbs.), \$18.50; 5 bus. at \$18.30; 10 bus. at \$18.20. (Sacks free.) To fill small orders, less than a bushel, we have to break a seal.

### HARDY DAKOTA ALFALFA

Our best alfalfa seed comes now from South Dakota. At the Wisconsin Experiment Station, Dakota seed has proven just as hardy as Montana seed, and the seed is a little nicer. Our Hardy Dakota seed, of which we have a larger stock than of any other, at least nine cars at this writing, was most of it bought right on the ground in the alfalfa seed-growing sections of South Dakota by our Mr. Carr. This seed is all certified as genuine Dakota grown alfalfa and put up in sealed 60 and 150-pound bags. We recommend this as our best in common alfalfa.

Prices—By mail: Lb., 45c; 3 lbs., \$1.25. By freight: Lb., 40c; ½ pk., \$4.75; bu., \$17.75; 150 lbs., \$43.50; 450 lbs. (3 bags), \$128.25. 150-pound bags, 45c extra. Sacks included for smaller quantities.

### FANCY IDAHO ALFALFA

Our Idaho seed was grown nearly as far north as our Dakota seed and is beautiful, bright, high-testing seed. In fact it is a little the nicest in appearance of all the seed we offer.

Prices—By mail: Lb., 40c; 3 lbs., \$1.10. By freight: Lb., 35c; ½ pk., \$2.25; pk., \$4.20; bu., \$15.60; 100 lbs., \$26.00; 500 lbs. at \$25.00. Bags extra at 45c, bushel or over.

### FANCY NORTHWESTERN ALFALFA

This seed comes from Utah, the state that had the largest and finest crop of alfalfa seed of all the states the past season. This fancy Northwestern seed of ours is also very beautiful, bright, pure seed. Because grown at a high elevation with great extremes of temperature it is claimed by some to be fully as hardy as Montana and Dakota seed.

Prices—By mail: Lb., 40c; 3 lbs., \$1.10. By freight: Lb., 35c; ½ pk., \$2.25; pk., \$4.15; bu., \$15.30; 100 lbs., \$25.50; 500 lbs. at \$25.00. Bags extra.

### FANCY KANSAS ALFALFA

Prof. Graber, alfalfa expert at the Wisconsin Experiment Station, says they place Kansas-grown alfalfa next to Montana and Dakota in hardness as they have had better success with it than with Idaho or Utah seed. The Kansas crop was small the past season but we have one car of very beautiful seed, genuine Kansas-grown.

Prices: Same as for Fancy Northwestern.

Note.—Our Alfalfa prices are good for the month of January only. Ask for "Weekly Price List" after that.

# GRIMM ALFALFA (The Extra Hardy Strain of Alfalfa.)



**History.** The seed of this variety was brought to Minnesota from Germany in 1857, by a German farmer named Grimm. Prof. W. M. Hayes, while at the Minnesota Experiment Station about 1890 found Mr. Grimm growing this alfalfa and at once began calling attention to its hardiness and adaptability to Minnesota conditions.

This was the beginning of Grimm Alfalfa in the United States.

**Characteristics.** Grimm Alfalfa may usually be distinguished from common alfalfa.

First, by the fact that the blossoms are usually, not always, variegated in color, yellow, green, blue, brown, etc., instead of all purple.

Second, by its branching root system instead of the long, straight tap root of the common alfalfa. This enables it to withstand the hard winters, the tap root of the common alfalfa often being broken by heavy freezing.



Field of Grimm Alfalfa in Wisconsin. Farm of Swartz Bros.

## BLACKFOOT IDAHO GRIMM ALFALFA.

We have again this year a stock of Blackfoot Brand of Grimm seed from the Idaho Grimm Alfalfa Seed Growers' Association. This Association is an organization of Idaho growers who can all positively trace the origin of their seed back to the original Grimm stock of Carver County, Minnesota, and who have had their fields inspected for the Grimm characteristics and also for weeds and the seed finally examined and certified by the State Seed Analyst, after being thoroughly cleaned and scarified. This seed comes to us in sealed bags, 30 and 60 pounds, as "Certified Grimm Alfalfa, guaranteed absolutely free of dodder and all other noxious weeds."

Prices, by mail: Lb., 65c; 3 lbs., \$1.80. By freight: Lb., 60c; 1/2 pk., \$3.75; pk., \$7.35; 1/2 bu. (in sealed sack), \$14.60; bu. (in sealed sack), \$29.00; 5 bus., at \$28.80; 10 bus. at \$28.70. Sacks free.

## CERTIFIED DAKOTA GRIMM ALFALFA.

We have also a splendid stock of genuine Grimm, grown in South Dakota, where our best hardy common alfalfa seed is grown. This Dakota grown Grimm is all from growers who can trace the origin of their seed back to the Carver County stock and it is certified seed. It is put up in sealed bushel sacks.

Prices, by mail: Lb., 65c; 3 lbs., \$1.80. By freight: Lb., 60c; 1/2 pk., \$3.75; pk., \$7.35; bu. (in sealed sack), \$29.00; 5 bus. at \$28.80; 10 bus., at \$28.70. Sacks free.

## COSSACK ALFALFA.

Cossack is a new variety of very hardy alfalfa brought from Siberia by Prof. N. E. Hansen of the South Dakota Experiment Station. Prof. Hansen says he is confident that the Cossack will soon lead all other alfalfas. He says it is perfectly hardy, having stood the severest tests as to hardiness and drought resistance. The seed we offer is genuine Cossack, Dakota grown. Cossack is claimed to be even harder than Grimm, if that is possible.

Prices, by mail: Lb., 65c; 3 lbs., \$1.80. By freight: 1/2 pk., \$4.00; pk., \$7.75; bu., \$30.00; 100 lbs., \$50.00.

## CANADIAN VARIEGATED ALFALFA.

We have a limited stock of very desirable extra hardy seed grown in Canada. This was grown away north, is plump and pure clean seed and a very hardy strain. It is not offered as Grimm but is fully as hardy as the hardest Grimm.

Prices: 1/2 pk., \$3.00; pk., \$5.75; bu., \$22.20; 100 lbs., \$37.00; 500 lbs. at \$36.50. Bags extra at 45c.

The Improved Soil Inoculator, Nobbe-Hiltner Process

# NITRAGIN

TRADE MARK REGD DEC 6 1898 NO 32217

Restores and Maintains Soil Fertility

Alfalfa, clover, soybeans, vetches, peas, beans, and other legumes should always be inoculated. The lack of necessary bacteria in the soil is often the cause of a poor legume crop—a weak start—or a total failure.

### SOLD ON BUSHEL BASIS.

Nitragin now comes in Bushel sizes instead of Acre sizes. This means that it costs you less per acre. If you sow 12 pounds of seed to the acre it will cost you only 20 cents for your Nitragin. It means that Your Dollar Goes Further with Nitragin.

We handle no other inoculation now except Nitragin as we consider it the best and most reliable. We recommend it most highly.

Prepared for the Following Crops.  
Name the Ones Wanted.

Order by Letter.

Culture A, for Alfalfa and all Sweet Clovers.  
Culture B, for Red, Mammoth, Alsike and White.  
Culture C, for Peas (all kinds) and Vetch.  
Culture D, for Beans of all kinds.  
Culture S, for Soy Beans.



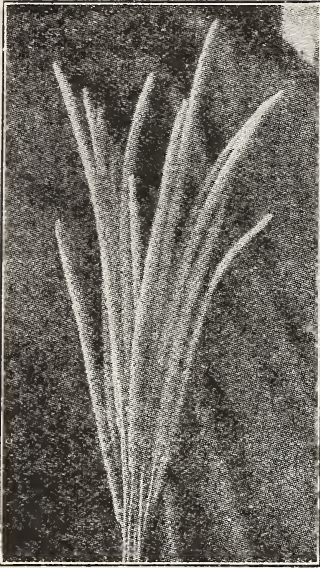
Prices Different Sizes.

1/2 bu. size, 40c; by mail, 45c.  
1/2 bu. size, 60c; by mail, 65c.  
1 bu. size, \$1.00; by mail, \$1.05.  
5 bu. size, \$4.75; by mail, \$4.95.

Garden Nitragin, for Garden Peas, Sweet Peas and Beans Combined (inoculates up to 8 lbs.) 20c; by mail, 22c.



## OLDS' HIGH GRADE TIMOTHY.



Olds' High Grade Timothy.



**TIMOTHY SEED** is one of our specialties and we are in position to furnish pure clean seed all the time at the lowest possible prices.

The prices named here are subject to change after Feb. 1st. Ask for samples.

Prices, Superb Brand, by mail: Lb., 30c; 3 lbs., 80c. By freight: Lb., 25c; 5 lbs., 65c; pk., \$1.05; bu. (45 lbs.), \$3.85; 100 lbs., \$8.50; 500 lbs. at \$8.25. Bags extra at 45c.

Old Gold Brand: Bu., \$3.75, 100 lbs., \$8.25; 500 lbs. at \$8.00.

**TIMOTHY AND ALSIKE MIXED.** (1-5 Alsike); Pk., \$1.35; bu. (45 lbs.), \$5.00; 100 lbs., \$11.00; 500 lbs. at \$10.75.

## OLDS' FANCY RED TOP.

**RED TOP** is a very valuable general purpose grass. A good meadow grass, one of the best for pasture and splendid for lawns. Seed very reasonable in price this year. Use it liberally.

Fancy Solid Seed. (Recleaned, free from chaff.) By mail: Lb., 35c; 3 lbs., 90c. By freight: Lb., 30c; 10 lbs., \$2.00; 100 lbs., \$18.50; 500 lbs. at \$18.00. Bags extra at 45c.

Unhulled Seed. By freight: Bu. (14 lbs.), \$2.00; 100 lbs., \$12.50. Sacks included.

Prices on all the following grasses, the rest of this page, include the sacks. While prices may change in some instances they will probably stand as given here for the season. Ask for special prices on large quantities. We handle only the best grades.

**KENTUCKY BLUE GRASS (Fancy).** Also known as June Grass. Well suited for pasture, and the standard lawn grass. This is the year to use Kentucky Blue Grass freely, as there was again a large crop and the price is very reasonable. The seed we offer is the best that can be secured, 21 pound seed. By mail: Lb., 50c; 3 lbs., \$1.40. By freight: Lb., 45c; bu. (14 lbs.), \$5.00; 100 lbs., \$35.00. (We also have 19 pound seed that we can furnish at \$1.50 per hundred less.)

**CANADIAN BLUE GRASS.** Desirable for pasture mixtures and used also for lawns. By freight: Lb., 35c; 10 lbs., \$3.00; 100 lbs., \$27.00.

**ENGLISH OR PERENNIAL RYE GRASS.** The Timothy of England. Does well also in this country. Good for both pastures and meadows. By mail: Lb., 30c; 3 lbs., 80c. By freight: Lb., 25c; 10 lbs., \$2.00; 100 lbs., \$16.50.

**ITALIAN RYE GRASS.** Similar to the preceding but larger and stronger in growth. By mail: Lb., 30c; 3 lbs., 80c. By freight: Lb., 25c; 10 lbs., \$1.90; 100 lbs., \$16.00.

**FACEY'S RYE GRASS.** Similar to English Rye Grass, but smaller and more dwarf. By mail: Lb., 30c; 3 lbs., 80c. By freight: Lb., 25c; 10 lbs., \$2.10; 100 lbs., \$17.50.

**BROME GRASS (Bromus Inermis).** Yields enormous quantities of hay and makes abundant pasture. It defies drought, and is not affected by frost. Splendid for a permanent grass. Sow 20 pounds per acre early in spring. By mail: Lb., 30c; 3 lbs., 75c. By freight: Lb., 25c; 5 lbs., \$1.00; 10 lbs., \$1.75; 100 lbs., \$15.00; 500 lbs. at \$14.50.

**ORCHARD GRASS.** Withstands drought, will grow in the shade, and does well on poor land. By mail: Lb., 35c; 3 lbs., 90c. By freight: Lb., 30c; 10 lbs., \$2.50; bu. (14 lbs.), \$3.50; 100 lbs., \$22.00; 500 lbs. at \$21.50.

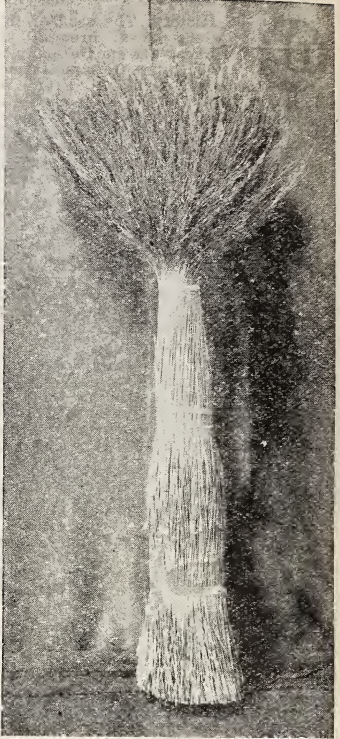
**CREEPING BENT.** Genuine mixed Bent Grass from South Germany. Much sought after for golf courses. Seed has been scarce and almost unobtainable during the last few years, but now we have it again at a reasonable price. Lb., 85c; 10 lbs., \$8.00; 100 lbs., \$75.00.

**HARD FESCUE.** Fine for putting green. Lb., 35c; 10 lbs., \$3.00; 100 lbs., \$25.00. **RED OR CREEPING FESCUE.** For lawns and golf grounds. Lb., 40c; 10 lbs., \$3.50; 100 lbs., \$30.00.

**CHEWINGS' FESCUE.** A very fine pure strain of Fescue, selected by a man named Chewings. Grown in New Zealand. By freight: Lb., 40c; 10 lbs., \$3.50; 100 lbs., \$30.00. **ROUGH STALKED MEADOW.** By freight: Lb., 60c; 10 lbs., \$5.50; 100 lbs., \$50.00.



Olds' Meadow Mixture.



Red Top.



Bromus Inermis.

**T A L L MEADOW OAT GRASS.** For dry soils. By freight: Lb., 35c, 10 lbs., \$3.00; 100 lbs., \$25.00.

## OLDS' PASTURE MIXTURE.

Olds' Pasture Mixture is made up of the best grades of Orchard Grass, Red Top, Timothy, Blue Grass and others.

By freight: Lb., 30c; 10 lbs., \$2.60; 100 lbs., \$22.50; 500 lbs. at \$22.00.

## OLDS' MEADOW MIXTURE.

For a permanent stand of grass to be cut for hay. It consists of the same grasses as used in our Pasture Mixture, but in different proportions, the Blue Grass being left out. By freight: Lb., 30c; 10 lbs., \$2.50; 100 lbs., \$21.50; 500 lbs. at \$21.00.

If seed is ordered sent by mail at the freight prices, add sufficient to cover postage.



Wisconsin's State Capitol at Madison.

## OLDS' LAWN GRASS.

We have made a study of high grade lawn grass and offer four very fine mixtures varying in price according to the amount of highest priced seed used. None of them contain Timothy and none are cheap mixtures. Our customers do not want the sort of worthless stuff that is offered in packages at many of the stores throughout the country.

**CULTURE:**—Sow Lawn Grass at the rate of one pound for each 800 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. Use Bone Meal for fertilizer or Pulverized Sheep Manure. Every lawn, new or old, needs fertilizer. Many lawns need lime also. See page 92.

“The Beautiful Lawn,” a new illustrated book by Profs. Moore and Aust of the University of Wisconsin. Part I, “Making the Lawn,” covers the matters of soil, seed, methods of seeding, etc. Part II, “Care of the Lawn,” takes up mowing, fertilizing, weeds and their control, etc. Price, 10c, postpaid or free on request with every lawn grass order. (See page 89 for Lawn Grass Sower and Fertilizer Distributor.)

## OLDS' MADISON PARKS LAWN GRASS.

Oldest Madison Parks Lawn Grass is a very carefully prepared mixture of high grade, heavy seed, that has been used extensively for several years in the parks about Madison. The seed is composed of White Dutch Clover, Creeping Bent, Chewings Fescue, Creeping Fescue, Fancy Red Top, Fancy Kentucky Blue Grass and others mixed in proper proportions. It is nearly all solid seed, heavy and expensive. The seeding in Tenney Park, Brittingham Park and Vilas Park here in Madison is all from this mixture and most of the new private lawns in Madison are from this seed. We recommend Madison Parks Lawn Grass as our best lawn mixture.

By mail: Lb., 55c; 3 lbs., \$1.60. By freight: Lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.00; 100 lbs., \$35.00.

## OLDS' CAPITAL LAWN GRASS.

Every Madison visitor in the summer is filled with admiration not only for the magnificent building that Wisconsin citizens are all proud of but for the rich, even green of the capital lawn. Olds' Capital Lawn Grass is made up of substantially the same grasses and the same grades of seed that were used to make this beautiful lawn. It is composed of solid heavy seed of the highest germination but contains no White Clover. We recommend it as satisfactory for all ordinary locations where proper care is taken in making the lawn and where a thick, luxuriant growth is desired that will be uniform in appearance. We are sure that everyone who sees the grass surrounding Wisconsin's beautiful Capitol will say “That is certainly good enough for me.”

By mail: Lb., 50c; 3 lbs., \$1.45. By freight: Lb., 45c; 5 lbs., \$2.00; 10 lbs., \$3.50; 100 lbs., \$30.00.

## 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 any of the others, although all right too for a permanent lasting growth. It contains no timothy.

By mail: Lb., 45c; 3 lbs., \$1.30. By freight: Lb., 40c; 5 lbs., \$1.75; 10 lbs., \$3.00; 100 lbs., \$25.00.

## OLDS' SHADY PLACE LAWN GRASS.

We have prepared this mixture very carefully for sowing under large trees and in other deeply shaded places where ordinary grasses do not succeed well. It is made up largely of rare and high-priced grasses such as Chewings Fescue, Creeping Bent, Rough Stalked Meadow, etc.

By mail: Lb., 65c; 3 lbs., \$1.90. By freight: Lb., 60c; 5 lbs., \$2.75; 10 lbs., \$5.00; 100 lbs., \$45.00.

(All Lawn Grass prices include sacks. We use only the best grades of seed in all the mixtures.)

**VIGORO.** A very valuable Plant Food prepared especially for lawns. Apply in the spring 2 to 3 pounds per 100 square feet. Makes a luxuriant growth.

25 lbs., \$1.50; 50 lbs., \$2.75; 100 lbs., \$4.75. Ask for free booklet, “The Home Beautiful.”

# OLDS' SEED CORN

The 1924 corn crop as everyone knows was very late in maturing the country over and it was thought for a time that there would be very little if any corn that would make good seed. Later in the season, however, the weather was more favorable for the development of the corn and while many parts of the country are still without seed corn, here in Wisconsin we succeeded in saving and drying an unusually large quantity of very fine seed.

We, therefore, have about our usual stock to offer of high grade seed corn of our Wisconsin varieties and in addition a fine large stock of Minnesota and Nebraska grown corn that we can sell at lower prices. In describing our corn in the catalog we tell just where each lot grew and in filling orders send nothing but the stock ordered unless permission is given to substitute in case that stock is out.

**EAR CORN.** With the exception of one year we have offered corn on the ear, put up in bushel crates, every year for the last 20 years. Many farmers like to have a chance to see the seed corn they buy before it is shelled and of course no one can tell much about the appearance of the ears from the shelled corn in the bag. We have limited quantities of ear corn to offer this year as stated under the different varieties. It costs more this way, as it requires extra handling and the crates are expensive.

**WISCONSIN SHELLED CORN.** All the Wisconsin shelled corn we offer is fire dried and from select ears. The corn is either tipped before shelling or carefully graded after shelling and much of it graded with a Hero Corn Grader. See Page 89.

**OUR GUARANTEE.**—Note what we say about guaranteeing quality on page one. This applies to corn, as well as other things. The stock must be as represented. We guarantee, however, only to the amount sent us and will not be responsible for the crop.

**PRICES.** The Seed Corn prices named in this catalog are good until February 1st only. Consult our weekly "Red Price List" after Feb. 1st. Do not think our prices high. Of course they are necessarily somewhat higher than usual this year and we may have to advance them further before the season is over. After all the cost of the seed for an acre of corn is only a trifle.

## MURDOCK YELLOW DENT. (Wisconsin No. 13.)

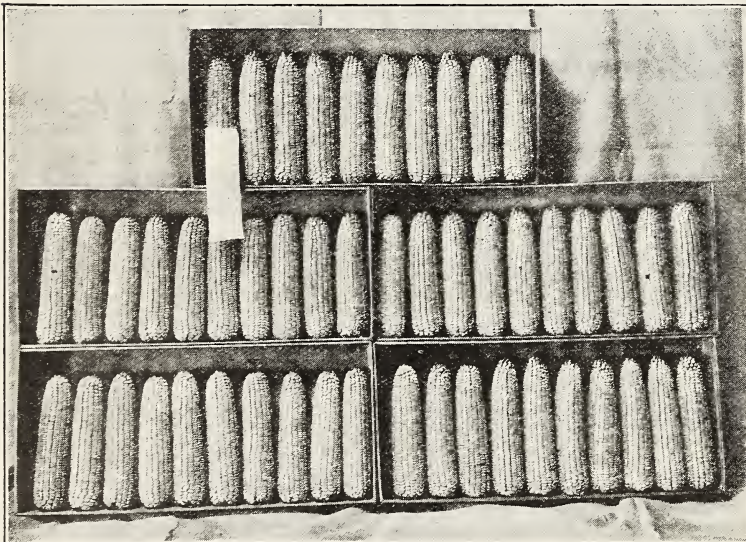
Sweepstakes Corn of the Northern Zone.

Murdock Yellow Dent is our favorite variety of corn. It was awarded sweepstakes for the Northern Zone, comprising the states of Wisconsin, Michigan, Minnesota, North Dakota and South Dakota, at the National Corn Expositions of 1909 and 1910, and this in competition with corn of all varieties. Mr. H. C. Brueckner of Jefferson County, Wisconsin, was the exhibitor of this corn. He took more than 35 premiums on it in 12 years.

Murdock Yellow Dent is of a deep yellow color, ears 8 to 9 inches in length, hard and solid, just slightly rough and very uniform in type. It makes a large heavy growth of stalk and leaf and so is a good silage variety. As to season, it is decidedly early and perfectly safe to plant as far north as the geographical center of Wisconsin. It is a fine extra early also for Illinois, Iowa and other cornbelt states. Earlier than Silver King and will yield as much.



This shows the style of crate we use. Tops and bottoms are tight, sides lined with wire cloth. A crate holds just one bushel or 70 pounds, net.



The First Prize 50-Ear Sample of Murdock at The Wisconsin Pure Bred Grain Show, Feb., 1920, Exhibited by H. C. Brueckner.

We handled Mr. Brueckner's Murdock Yellow Dent for 13 consecutive years up to the time of his death in 1922, and he was selecting and further improving the corn each year during all that time. Since his death his two sons, Justus and Leo, have continued the work of developing and improving, using their father's methods and we have to offer this season all the Brueckner Murdock they were able to produce. All our Brueckner Murdock was grown by them and the Brueckner boys certainly do understand selecting corn. The corn this year is, we think, fully equal to any we have had in past years. The other Murdock we offer is fine Wisconsin grown fire-dried stock but was not grown by the Brueckners, although nearly all of it is from Brueckner seed originally. Most of it was grown in Jefferson county, some in Sauk county.

### PRICES OF MURDOCK YELLOW DENT FOR 1925.

Brueckner Stock, Ears: 1/2 pk., \$1.25; pk., \$2.40; bu. (70 lbs. crate included), \$7.25; 5 bus. at \$7.10; 10 bus. at \$7.00.

Other Wisconsin Stock, Ears: Pk., \$2.20; bu., \$6.50; 5 bus. at \$6.35; 10 bus. at \$6.25.

Brueckner Stock, Shelled: Pk., \$2.10; bu., \$6.25; 5 bus. at \$6.10; 10 bus. at \$6.00. Bags extra at 45c.

Other Wisconsin, Shelled: 1/2 pk., \$1.00; pk., \$1.85; bu., \$5.50; 5 bus. at \$5.35; 10 bus. at \$5.25.

## GOLDEN GLOW (Wisconsin No. 12.)

The Leader of All Varieties of Wisconsin Corn.

Last year we made the statement in our catalog that without a shadow of doubt Golden Glow had become the favorite variety of corn for Wisconsin and the most valuable one. The truth of this statement is all the more evident after the experience with the 1924 corn crop. Golden Glow is a little bit earlier than Murdock and Silver King and so a little safer in an unfavorable season. We recommend it for all sections as far north as north central Wisconsin.

Golden Glow is a good big yielder. In fact, it has a yield record as high as 134 bushels per acre, made in Fond du Lac County.

**Description.** Golden Glow is a cross of Wis. No. 8 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. It 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. It is strictly a Wisconsin corn developed at the Wisconsin Experiment Station.

We again have a limited stock of "Lang's Big Type Golden Glow" to offer, grown by Mr. R. H. Lang of Jefferson County, Wisconsin.

Mr. Lang's corn was beautiful in 1923, the best he thought he had ever grown, and he has always had a very superior, even strain of Golden Glow. We do not see but what his corn is just as fine this year as last. Note the large diameter and full maturity of the ears shown in the illustration, which is from a photograph that Mr. Lang sent us for this catalog. We can furnish this "Big Type" corn shelled only this year and the stock is quite limited. Therefore order early. It is a very fine strain of corn.

We also have Golden Glow to offer from Mr. W. E. Bishop of Trempealeau County who has grown for us for many years. Mr. Bishop has a wonderfully fine strain of Golden Glow, undoubtedly one of the best strains in the state, but his corn this year is not as nice as usual in appearance and the quantity is not large. It shows a high test however, and it has the breeding in it. It can be planted with confidence. We will furnish it while it lasts, when requested, at the same price as our other Wisconsin grown Golden Glow, of which we have a splendid large stock, grown mostly in Jefferson County. We have also two good sized lots of Golden Glow grown in Waushara County, central Wisconsin. Ask for this Waushara County stock if you live pretty well north. The price is the same as for the other.

We have also a stock of Golden Glow grown in Nebraska from genuine Wisconsin seed.

**PRICES OF GOLDEN GLOW OR WISCONSIN NO. 12 FOR 1925.**

Lang Big Type, Shelled: ½ pk., \$1.15; pk., \$2.10; bu., \$6.25; 5 bus. at \$6.10; 10 bus. at \$6.00. Bags extra.

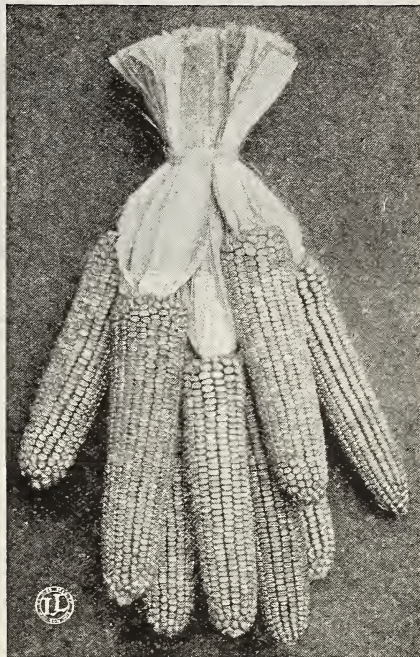
Other Wisconsin Grown, Shelled: ½ pk., 95c; pk., \$1.80; bu., \$5.50; 5 bus. at \$5.35; 10 bus. at \$5.25.

Other Wisconsin Grown, Ears: ½ pk., \$1.15; pk., \$2.10; bu., \$6.50; 5 bus. at \$6.35; 10 bus. at \$6.25. Crates included.

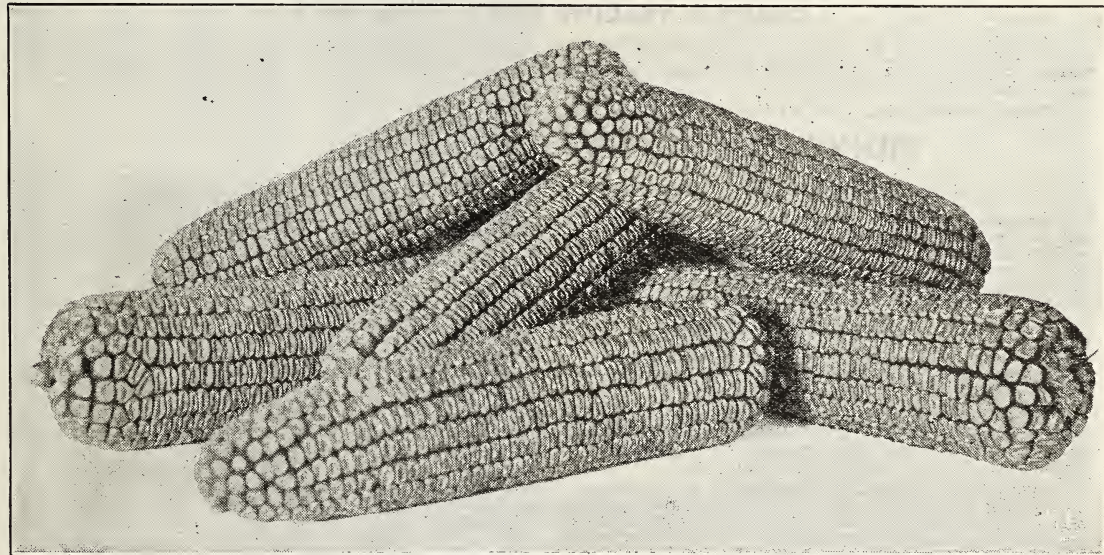
Nebraska Grown, Shelled: ½ pk., 75c; pk., \$1.25; bu., \$3.75; 5 bus. at \$3.60; 10 bus. at \$3.50.

Any variety of corn on our list—By mail: Lb., 30c; 3 lbs., 80c. By freight: Lb., 25c; 3 lbs. 65c. Samples showing tests free. Half Bushels at bushel rates. Bushel sacks extra at 10c for quantities over one peck; grain bags holding 2½ bus., 45c each.

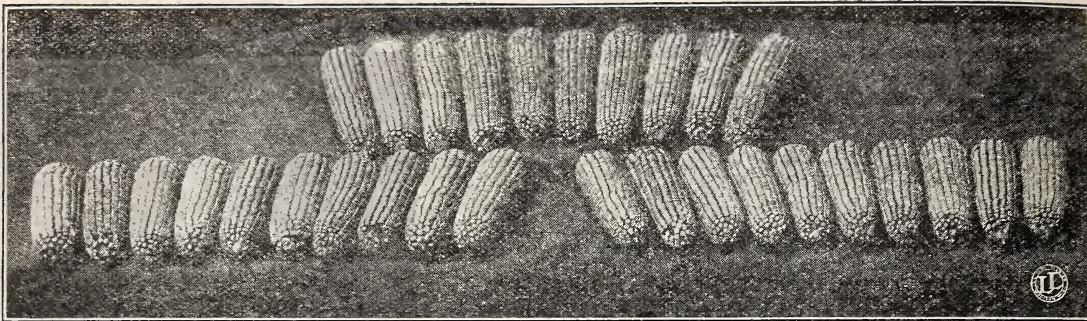
Sample ear, any variety offered on the ear, by mail, 30c. By freight or express, 25c. This may be deducted from first order for one bushel or over. Prices of corn are subject to change after February 1st.



Mr. Lang's "Big Type Golden Glow."



A Half Dozen Ears of Mr. Bishop's Golden Glow.



Thirty Ears of Mr. Suttie's Cold Resistant Golden Glow.

## COLD RESISTANT GOLDEN GLOW.

The Best Corn for Central and Upper Wisconsin.

Also Fine for All Sections to Resist Cold Weather Just After Planting.

Here is a great thing! A genuine Golden Glow with all the good qualities of that variety and in addition with the cold resistant features bred into it so it will stand unfavorable weather. Just like common Golden Glow otherwise.



We offered it for the first time three years ago. It is just what its name indicates, a strain of Golden Glow that will resist the cold unfavorable weather we are so apt to have at corn planting time, and permit of earlier planting. With the idea of producing such a corn and something also that would yield well and mature early they worked on this at the Wisconsin Experiment Station for ten years testing it out in different sections. Then they were ready to have it offered.

Prof. Moore says it is great for the northern counties as it ripens up so early. He says it holds the same size as the common Golden Glow, can be planted two weeks earlier and will keep right on growing in spite of cold weather. If frost hits it, it will come right along again. Prof. Leith says:

"This corn is selected from the high producing Golden Glow corn bred at the Wisconsin Experiment Station. Selection was made for hardiness so that the corn could be planted a week or 10 days earlier than the usual corn planting time and thus lengthen the corn growing season. This corn produces a large stalk averaging as large as the common Golden Glow. It matures a few days earlier and high yields are reported from growers. It is the best silage corn we know of for central and upper Wisconsin."

Prof. Moore says further: "In regard to the Cold Resistant corn I wish to state that I have great faith in it. Through several years of breeding work at the Wisconsin Experiment Station, cold resistance has been bred into the famous high yielding Golden Glow corn. This has enabled the Golden Glow area to be pushed further to the north, thereby enabling farmers to grow and mature a larger variety of corn where they were not able to succeed before."

Most of the Cold Resistant Golden Glow we have to offer this year was grown by Mr. W. W. Suttie, of Trempealeau County, who has furnished us such fine stock of this variety during the past three years. Mr. Suttie is a practical seed corn grower and is all the time improving his strain of Cold Resistant so that it is better than when he started with it. We can furnish it, while it lasts, either shelled or on the ear, but order early as the stock is limited.

Prices of Cold Resistant Golden Glow for 1925:

Ears:  $\frac{1}{2}$  pk., \$1.25; pk., \$2.35; bu., \$7.00; 5 bus. at \$6.85; 10 bus. at \$6.75. Crates included. Shelled:  $\frac{1}{2}$  pk., \$1.10; pk., \$2.00; bu., \$6.00; 5 bus. at \$5.85; 10 bus. at \$5.75. Bags extra at 45c.

## CLARK'S YELLOW DENT. (Wis. No. 1.)

A variety of corn put out by the Wisconsin Experiment Station about 1908.

In type it is almost exactly like Murdock. It grows like Murdock, looks like it, yields like it. Some say it yields better. Some say it is earlier. We discovered a small stock of it this last fall grown right here in Dane County and we are glad to offer it while it lasts.

Prices, shelled only: Pk., \$1.85; bu., \$5.50; 5 bus. at \$5.35; 10 bus. at \$5.25.

## MINNESOTA NO. 13.

An Extremely Early Yellow Dent.

Minnesota No. 13 is an extra early yellow dent originated a few years ago at the Minnesota Experiment Station. It has proven to be just the variety needed for Minnesota conditions and it is by all odds the most popular and the most valuable variety of corn in Minnesota today. It is proving equally valuable in Wisconsin and other Northern states, especially throughout the north half of Wisconsin.

**Description.** Minnesota No. 13 grows fairly good sized ears, 7 to 8 inches long, with well filled tips and uniform in type and color. Stalks grow to a height of about 7 feet and being leafy make excellent fodder. The corn matures in 90 days of ordinarily favorable weather. Sometimes in less time.

Our stock is all Minnesota grown, from Yellow Medicine County, Minnesota. It is 1923 crop, perfectly dry and dependable with high tests, our tests running from 94 to 98 per cent. We secured it at a very reasonable price and so can sell it at a low price.

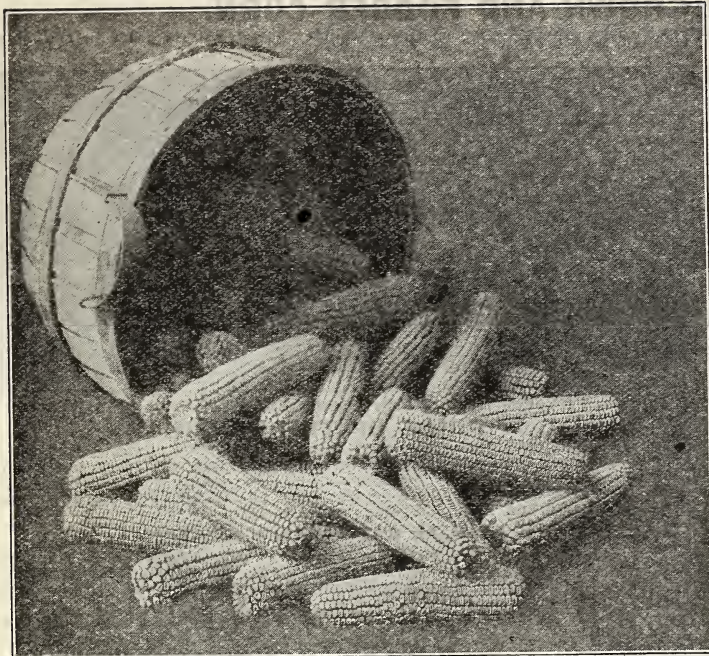
While not as carefully fire-dried as our Wisconsin grown varieties of corn and not as well graded it is good reliable seed and adapted to the north. The kernels are not so very long but the corn is extremely early, just the thing for northern latitudes.

Prices, shelled only:  $\frac{1}{2}$  pk., 80c; pk., \$1.50; bu., \$4.50; 5 bus. at \$4.35; 10 bus. at \$4.25. Bags extra at 45c.

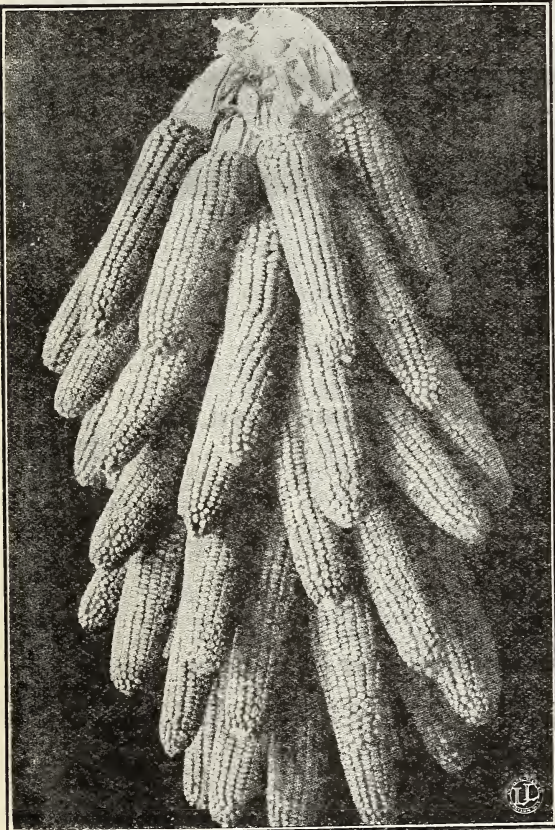


Typical Ears of Minnesota No. 13.





W. Robbins, Linus Spangler and others. We also have quite a stock from Trempealeau County. Our Minnesota Silver King is of 1923 crop, with high



Ears of Wisconsin No. 8.

## SILVER KING

(Wisconsin No. 7.)



Silver King is perhaps the best known of all-around good varieties of corn adapted to latitude of Southern Wisconsin.

**History:**—This corn originated in Northern Iowa. It was brought to Wisconsin and has been developed and improved and sent 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 greatly increased the yield per acre of corn in Wisconsin. In fact the average yield of Silver King for the whole state for 3 years was 57 bushels as compared with 33 bushels, the average of all other varieties or a 70 per cent increase.

**Description:**—In appearance the corn is a beauty. Note the accompanying illustration. Also the crate of corn on page eight. 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 white cob. It has a decided double ear characteristic, one reason for its yield records. It is a very popular corn with Wisconsin farmers for filling silos, and probably the very best variety for that purpose, because of its leafiness and heavy growth of fodder.

We have Wisconsin, Minnesota and Nebraska grown Silver King to offer this year, all shelled. Our Wisconsin stock is again very fine, most of it from our best growers in Jefferson County, John

tests. We can sell it cheaper than the Wisconsin corn because it cost us less, but it should prove just about as safe for northern planting. Our Nebraska Silver King is still cheaper and will answer very well for silage purposes, which is just what this variety is famous for.

### PRICES OF SILVER KING OR WISCONSIN NO. 7.

Wisconsin Grown, Shelled: ½ pk., 95c; pk., \$1.85; bu., \$5.50; 5 bus. at \$5.35; 10 bus. at \$5.25. (Bags extra.)  
 Minnesota Grown, Shelled: ½ pk., 80c; pk., \$1.50; bu., \$4.50; 5 bus. at \$4.35; 10 bus. at \$4.25.  
 Nebraska Grown, Shelled: ½ pk., 70c; pk., \$1.25; bu., \$3.75; 5 bus. at \$3.60; 10 bus. at \$3.50.

## WISCONSIN NO. 25.

(Earliest of All.)

We have long been looking for a good dent corn a little earlier than anything else we have had, something for extreme northern sections. Wisconsin No. 25 originated at the Ashland Station, is a cross of Wisconsin No. 8 and a very early but deep-kerneled yellow dent which Prof. Delwiche secured from Northern Michigan. Prof. Delwiche says:

“We have selected from the original cross with the idea of fixing a type of corn similar in general appearance to the Wis. No. 8 but of earlier maturity. Our tests at Spooner have shown this new variety to be about a week to ten days earlier than the Wis. No. 8.”

Our stock of Wisconsin No. 25 this year was grown on the Delwiche farm near Green Bay. It is all shelled.

Prices: ½ pk., \$1.10; pk., \$2.00; bu., \$6.00; 5 bus. at \$5.85; 10 bus. at \$5.75. (Bags extra.)

## WISCONSIN NO. 8.

Earliest Variety Except Wisconsin No. 25.

This is the corn for Northern Wisconsin and similar latitudes. Originally from Minnesota where it is known as Minnesota No. 13, Wisconsin No. 8 has been developed at the Wisconsin Experiment Station and is an improvement over the Minnesota strain. In reality therefore, this variety is an improved Minnesota No. 13, grown in Wisconsin. By careful selection and breeding the kernels have been materially lengthened and the ears enlarged without sacrificing the extreme earliness. Ordinarily it will get ripe anywhere in Wisconsin. Ears average 7 to 8 inches in length, with good length kernels, very uniform in type and color, with remarkably well-filled tips. Medium-size stalk with a good leaf development.

Most of our stock is from the northern counties.  
 Prices, Shelled: ½ pk., \$1.00; pk., \$1.90; bu., \$5.75; 5 bus. at \$5.60; 10 bus. at \$5.50. (Bags extra.)

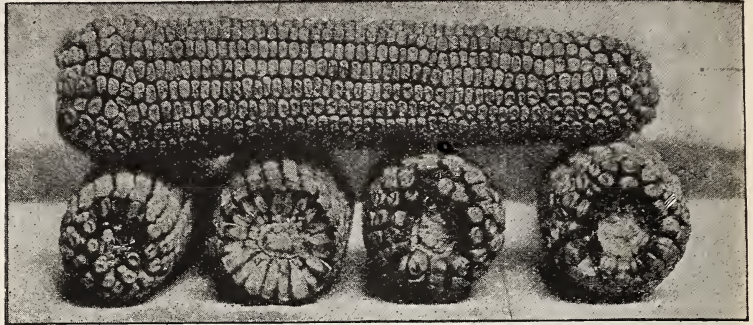
## WESTERN GROWN AND FODDER CORN.

The corn offered on this page is mostly Nebraska grown. That means of course that it will be later in maturing than Wisconsin corn. It is all good seed corn, however, is well graded and shows high germination tests.

### 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 long and solid, shelling 88 per cent grain and often better. It is the favorite for exhibition purposes. Because of its very large growth it is a very profitable variety to plant in the north for silo. We sell it in large quantities for this purpose, especially to the dairy farmers of northern Illinois.

Prices, Nebraska Grown, Shelled: ½ pk., 65c; pk., \$1.15; bu., \$3.50; 5 bus. at \$3.35; 10 bus. at \$3.25. Bags extra at 45c.



Reid's Yellow Dent, A Very Popular Large Yellow Corn.

### 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 other variety furnishes as large a percentage of shelled corn. Nebraska Grown, Shelled: ½ pk., 70c; pk., \$1.25; bu., \$3.75; 5 bus. at \$3.60; 10 bus. at \$3.50. Bags extra at 45c.

### WHITE CAP YELLOW DENT.

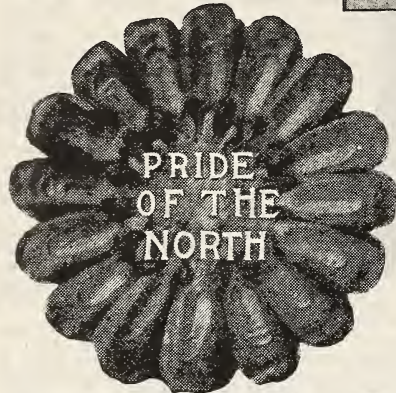
This has been a popular variety for years. Kernels are yellow or nearly so except on the outer ends, where they are white. Medium early. Grows quite a large ear, 9 inches or more. Excellent for a silo corn. Our stock is Nebraska grown.

Prices: ½ pk., 70c; pk., \$1.25; bu., \$3.75; 5 bus. at \$3.60; 10 bus. at \$3.50.

### IOWA GOLD MINE.

A very popular variety in Iowa. Classified there as medium early and described as a little earlier than either Reid's Yellow Dent or Improved Leaming. Color, bright golden yellow. Grain very deep and cob small, making it a very showy, beautiful looking corn when shelled. Our stock is Nebraska grown, 1923 crop.

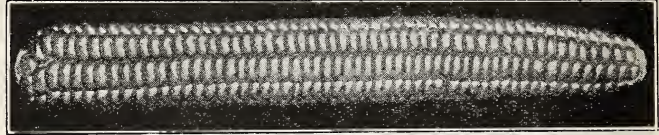
Prices: Pk., \$1.15; bu., \$3.50; 5 bus. at \$3.35; 10 bus. at \$3.25.



### 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. Ripens in 75 to 85 days. Our stock is Nebraska grown.

Prices, Shelled: ½ pk., 75c; pk., \$1.25; bu., \$4.00; 5 bus. at \$3.85; 10 bus. at \$3.75. Bags extra.



Early Longfellow, the Most Popular Flint.

A very early 8-rowed red flint. Ripens in 70 to 80 days. Not large but a good yielder and a popular variety on account of its extreme earliness. Prices: Same as for Longfellow Flint.

A heavy yielding, 8-rowed flint with large ears. The ears are 12 to 15 inches long with large, broad kernels of a flinty white color. Stalks are tall and leafy with usually 2 or 3 ears each. Prices: Same as for Longfellow Flint.

### IMPROVED SMUT NOSE FLINT.

Developed, improved and sent out by the Wisconsin Experiment Station. They consider it more prolific than any other Flint and it also has a better stalk. It has a long ear with eight rows of large yellow kernels. Our stock of this variety is not western grown but was grown in Jefferson County, Wisconsin, and is a very choice lot.

Prices, Shelled: ½ pk., \$1.00; pk., \$1.90; bu., \$5.75; 5 bus. at \$5.60; 10 bus. at \$5.50.

### GIANT RED COB ENSILAGE.

A very large pure white corn with red cob. It grows the largest, doubtless, of any variety of corn and is the favorite for planting in the north for a large growth of green fodder. Nothing better for cutting up and feeding green right from the field. Our stock is Missouri grown.

Prices: ½ pk., 60c; pk., \$1.00; bu., \$3.00; 5 bus. at \$2.85; 10 bus. at \$2.75.

### 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 Wisconsin and is in great demand in the North as a silage corn. Largely planted by dairy farmers.

Nebraska Grown, Shelled: ½ pk., 65c; pk., \$1.15; bu., \$3.50; 5 bus. at \$3.35; 10 bus. at \$3.25.

### EVERGREEN SWEET FODDER CORN.

A fodder grade of Stowell's Evergreen Sweet Corn. For description and for other Sweet Corn see Garden Seed pages. Crop short.

Prices: ½ pk., \$1.10; pk., \$2.00; bu. (45 lbs.), \$6.00; 5 bus. at \$5.85; 10 bus. at \$5.75.

Any variety of corn on our list—By mail: Lb., 30c; 3 lbs., 80c. By freight: Lb., 25c; 3 lbs., 65c. Samples showing tests free. Half Bushels at bushel rates. Bushel sacks extra at 10c for quantities over one peck; grain bags holding 2½ bus., 45c each.



Improved Leaming.

Sample ear, any variety, offered on the ear, by mail, 30c. By freight or express, 25c. This may be deducted from first order for one bushel or over. Prices of corn are subject to change after February 1st.

# OLDS' SEED OATS

Choice Seed Oats are a specialty with us. Most of our oats are grown for us on contract. We furnish the stock seed, which is treated for smut. The oats are inspected in the field while growing and certified as to purity by representatives of the Agronomy Department of the Wisconsin College of Agriculture. After the crop is threshed and delivered to us by the farmers we thoroughly reclean taking out all light oats and all impurities. Then we have the recleaned oats tested for purity and germination. Our tests are always high, usually 99 per cent and over for purity and 96 or better for germination. Many of our oats were somewhat colored the past season owing to the excessive rains at harvest time, but they will grow all right and can be sown with confidence. It will pay any farmer well to change seed and get some of Olds' Choice Seed Oats of new and improved varieties.



Prize Sheaf of Wisconsin Pedigree No. 7 at one of the Grain Shows of the Wis. Ex. Ass'n.

## STATE'S PRIDE (WISCONSIN PEDIGREE NO. 7)

King of the Extra Early Varieties and Best Yields of all Oats at Wisconsin Ex. Station Farm.

A new pedigreed variety of oats originated at the Wisconsin Experiment Station. We were the first to offer it, cataloging it for the first time seven years ago. It has come to be a leader with us. We sold twice as many bushels of State's Pride last year as of any other variety of oats. Its extreme earliness and heavy yielding qualities make it very desirable.

**History.** State's Pride is of Kherson origin. It came originally from the Kherson district of Russia to the Nebraska Experiment Station. In 1911, breeding work was begun on it at the Wisconsin Station. It was grown in the test plots for 5 years, and during that time showed some remarkable yields, several times over 100 bushels per acre and one year as high as 111 bushels per acre.

**Description.** State's Pride is a small yellow oat, bright and shiny, with a very thin hull. In fact it is about all meat, very heavy and a great oat for feeding. It is very early. Indeed the earliest of all varieties, some 25 or 30, grown at the Wisconsin Station. This is of great importance as it escapes the rust so apt to hit oats just before harvest. Owing to its earliness it is one of the best for a nurse crop.

It has a short stiff straw and has stood up the best of all oats at the Wisconsin Station Farm. This means a great deal. Even when it lodges some in unfavorable oat years it fills out the kernel well.

Another thing about this oat is its hardness. Prof. Leith says it is the hardest of anything, resists heat and withstands unfavorable conditions. He recommends it for sandy land especially, as well as for rich black soils. At the same time it seems to be a very satisfactory oat for clay soils and all other soils and is really an all-around good variety.

In yield per acre at the Wis. Experiment Station, State's Pride stood first of all varieties in 1914, 1915, 1917, 1918, 1920 and 1921.

This oat has increased in popularity each year since its first introduction. We grow more each year than the preceding year but never have enough, always running out before the season is over.

To sum up, State's Pride excels in hardness, extreme earliness, resistance to heat and rust, stiffness of straw, adaptability to hard conditions and heavy yielding qualities. We recommend it very emphatically.

### PRICES OF STATE'S PRIDE FOR 1925.

By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; 1/2 pk., 25c; pk., 40c; bu., \$1.25. (Bushel sacks extra at 10c.) 2 1/2 bus. at \$1.15; 10 bus. at \$1.10; 25 bus. or over at \$1.05. (2 1/2 bushel sacks extra at 15c.)

Oat prices do not include sacks except in small quantities, peck or less, and prices are subject to change after Feb. 1st although we do not expect to have to change prices.

NOTE: Treat Oats with Formaldehyde to prevent Smut. See page 93.

# WHITE CROSS (Wisconsin Pedigree No. 19).

The New Crack Variety of Oats at the Wisconsin Experiment Station.



White Cross or Wisconsin Pedigree No. 19 is a new oat that we cataloged last year for the first time. The stock is still limited and ours is one of the few seed houses offering it this year.

Great things are in store for this oat. Here at Madison, at the Wisconsin Experiment Station Farm they have been enthusiastically telling for the last 3 or 4 years what a wonderful oat Wisconsin No. 19 was going to prove. Extra early, like State's Pride or Wisconsin No. 7, but a better yielder than State's Pride with a larger kernel and white instead of yellow.

**History.** Prof. B. D. Leith, Associate Agronomist at the Wisconsin College of Agriculture, tells how this wonderful new variety originated, writing as follows: "The original cross from which this oat was selected was made in 1911. The parents were Wisconsin Pedigree No. 2, which was a selection from Big Four, and a Sixty Day strain. The Big Four is a high yielding mid-season oat and the Sixty Day is an early, yellow, small-kerneled oat. The object of the cross was to produce a high yielding early white oat, with a taller straw and a larger kernel than is usually found in early oats. The larger kernel and white color make it more attractive than the ordinary early white oat, and the tall straw is particularly desirable in localities where the oat straw is short."

**In yield per acre, field tests, White Cross headed the list of all varieties of oats at the Wisconsin Experiment Station in 1922 and 1923. Before that for 6 years straight State's Pride was at the top.**

## PRICES OF WHITE CROSS FOR 1925.

By mail: Lb., 30c. By freight: Lb., 25c; ½ pk., 35c; pk., 50c; bu., \$1.50; 2½ bus. at \$1.40; 10 bus. at \$1.35; 25 bus. or over at \$1.30.



Iogren Oats, Farm of A. J. Vieth, Dane County, 1924.

## IOGREN (Iowa No. 840).

A new, pure-line, mid-season variety of oats from Iowa. Developed at the Iowa Experiment Station from a single plant of Green Russian. The kernels are golden yellow in color, medium to large, rather long. Average height of straw 41 inches, somewhat taller than Green Russian.

Iogren has been grown and tested by a number of Iowa farmers during the past three years with splendid results. The average of 111 reports shows an increase in yield of about 4 bushels per acre over other varieties.

W. D. O'Brien reported a yield of 66 bushels per acre the past season as compared with 45 bushels, the average of other varieties. Lester Felton reported 76 bushels against 48 bushels the average of common varieties. B. S. Strager reported them 15 bushels ahead of Kherson, the next best variety. M. G. Tollefson 12 bushels ahead of others.

We have grown Iogren here ourselves two seasons. We are much pleased with them. They made a splendid, large, even growth, a little taller than Iowa and taller than White Cross. Stood up perfectly. About medium in season. Yield was fine, ahead of most others and the oats are heavy and nice.

Prices, same as for White Cross.



Hulless Oats on a Dane County Farm, 1924.

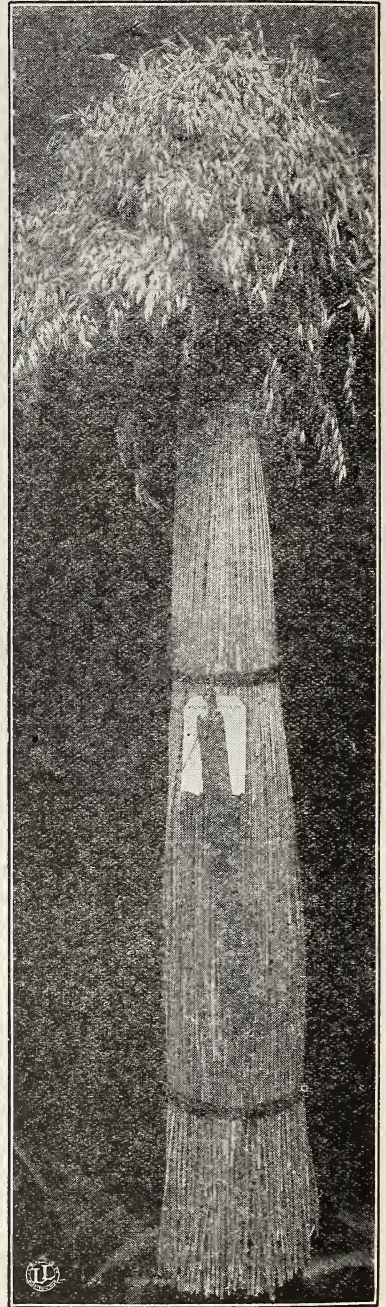
## HULLESS OATS (No. 480 Liberty).

Here is a decidedly valuable novelty. Hulless Oats grow just like common oats and look like them in the field but when threshed the hulls all come off leaving just the bare meats. You can grow your own breakfast food now very cheaply. They are also wonderfully fine for feed, especially for young stock, calves, pigs and poultry, avoiding the bad effect of harsh oat hulls.

We had heard about Hulless Oats but did not suppose they would be adapted to our section. Last spring however we secured some stock seed and put it out with two of our farmer growers here near Madison. The results were very satisfactory. Note view of one field above.

We certainly feel like recommending Hulless Oats to our customers as something worth trying out at any rate. Sow them just like other oats but only 45 to 50 pounds per acre.

Prices: Lb. 35c; 3 lbs. 75c, postpaid. By freight: Lb. 30c; 5 lbs. 90c; 10 lbs. \$1.50; 25 lbs. \$3.00; 50 lbs. \$5.50; 100 lbs. \$10.00; 500 lbs. at \$9.50 per 100 lbs. (Sacks extra.)



Sheaf of White Cross Oats, Awarded First Premium at Wisconsin State Fair.



Wisconsin Pedigree No. 1 on Wisconsin University Farm. This Plat Yielded 110.6 Bushels per Acre, the Highest Yield of All Oats Tested That Year.

## WISCONSIN PEDIGREE No. 1.

"Most Popular Medium Oat in Wisconsin."



A wonderfully valuable oat first introduced by us 12 years ago. Out on the University Farm they called it the "best oat in the world," and Bulletin No. 340, issued in March, 1922, says "The most popular oat in Wisconsin is the Wisconsin Wonder or Pedigree No. 1."

**History.** Wisconsin Pedigree No. 1 originated at the Wisconsin Experiment Station from a variety called Wisconsin Wonder or Improved Bonanza, the original stock coming from a Jefferson county farmer. About 100 other new varieties of oats were started at the same time. After 14 years of careful breeding work, five pedigree varieties, which went by numbers, were given members of the Wisconsin Ex. Assoc. for trial. Pedigree No. 1 proved the best.

**Description.** Wisconsin Pedigree No. 1 is a pure white oat, good sized, nice appearing, a little longer in grain than Swedish Select. At the Wis. Ex. Station, before State's Pride came along, they made quite a point of the stiffness of the straw. They said: "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 lodges."

We consider this one of the most valuable oats ever introduced. It is giving satisfaction everywhere. The oats are heavy, good sized, with thin hull, outyield nearly everything, will grow on rich soils and stand up.

Prices: ½ pk., 25c; pk., 40c; bu., \$1.25; 2½ to 10 bus. at \$1.15; 10 bus. at \$1.10; 25 bus. at \$1.05.

### SILVER MINE.

A well known variety, first introduced in 1895. A plump, white oat, quite early with smooth shiny kernels. Said to be the best known of all varieties of oats the whole country over. It is still good, very good.

Prices: Pk., 40c; bu., \$1.15; 2½ to 10 bus. at \$1.05; 10 bus. at \$1.00; 25 bus. or over at 95c. (Sacks extra.)

### GOLD MINE.

Gold Mine makes a big growth, 4 feet high or more, with splendid stiff straw and large bushy heads. The grain is heavy, plump and of large size. Oats of a shiny golden yellow color. They always yield well regardless of season.

Prices: Pk., 40c; bu., \$1.15; 2½ to 10 bus. at \$1.05; 10 bus. at \$1.00; 25 bus. at 95c. (Sacks extra at 15c.)



Wisconsin Pedigree No. 5 on Farm of Louis Schuster, Dane County.

## WISCONSIN PEDIGREE No. 5.



A Pedigree Oat originated at the same time as Wisconsin Pedigree No. 1 at the Wisconsin Experiment Station. It is very different in type from the No. 1 however and has an entirely different origin, having been developed from Swedish Select. It is therefore in reality an improved Swedish Select.

Wisconsin Pedigree No. 5 is a very thick white oat, kernels rather short, heavy and attractive looking.

We recommend it for clay soils but not for rich soils. The past season it seems to have made the best showing with our growers of all our varieties and we think more of it now than ever before.

Prices: Pk., 40c; bu., \$1.25; 2½ bus. at \$1.15; 10 bus. at \$1.10; 25 bus. at \$1.05. (Sacks extra.)

(Pound and half peck prices all varieties of oats, unless priced differently, same as for State's Pride. See page 13.)



Harvesting Swedish Select in the Northwest. Yield, 110 Bushels Per Acre. Grain in Upper Corner.

## SWEDISH SELECT (Wisconsin No. 4.)

In the Northwest they grow very fine Swedish Select oats. We are fortunate in being able to offer this year some splendid Montana grown stock of this famous variety, very heavy and bright and free from wild oats.

Swedish Select was for years considered "the best American Oat" and is perhaps more largely grown throughout the country today than any other single variety. It is the standard for a popular type of oat, short and thick, very plump, pure white in color, vigorous in growth, medium early. Does best on clay soils.

The Swedish Select from Montana that we offer this year are very fine indeed—heavy, bright, plump, very fancy. Everyone will be pleased with them.

Prices: Pk., 40c; bu., \$1.30; 2½ to 10 bus. at \$1.20; 10 bus. at \$1.15; 25 bus. at \$1.10. (Sacks extra at 15c.)



Field of Iowar Oats in Benton County, Iowa.

## IOWAR.

The Iowar is an extra early white oat of Kherson type from the Iowa Experiment Station, newer and better than either Iowa 103 or Iowa 105 and a little taller than either. The outstanding characteristic of this variety is its ability to stand up well on rich ground. It has a wonderfully stiff straw, ripening extremely early, with high yields.

Mr. W. E. Bishop, our Golden Glow corn man, who grew part of our stock of Iowar oats for us, says: "I think they are more nearly the ideal oats for this section than any we have yet seen. The straw is very stiff and strong and does not lodge easily. The yield is very satisfactory, running a little over 80 bushels per acre."

Prices: ½ pk., 25c; pk., 40c; bu., \$1.20; 2½ bus. at \$1.10; 10 bus. at \$1.05; 25 bus. or over at \$1.00.

# OLDS' SEED BARLEY

Wisconsin produces one-eighth of all the barley grown in the United States and we are located right in the midst of the best barley growing section of the state. We are headquarters for Wisconsin Pedigree, "the only barley."



Wisconsin Pedigree Barley, Grown by J. M. Blaska, Near Madison. This Field Averaged 50 Bushels Per Acre.

## WISCONSIN PEDIGREE BARLEY.

### THE WORLD'S CHAMPION BARLEY.

Wisconsin is a great barley state and Wisconsin barley leads the world. In average yield per acre Wisconsin was ahead of Iowa, Minnesota and Michigan, the principal other barley states, for the 10 years, 1910 to 1919. Away back 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 everything else up to that time. Now we have Wisconsin Pedigree, the greatest of all six-rowed barley.

There is really only one variety of six-rowed barley in the world now worth considering—Wisconsin Pedigree. It is by far the best. Forget everything else.

Wisconsin Pedigree Barley is the result of 12 years of painstaking breeding work carried on by Prof. R. A. Moore, Agronomist at the Wisconsin College of Agriculture. Prof Moore started with 10 varieties of barley as the foundation. After 3 years of comparative trials only 4 of the most promising were retained from which to establish pedigreed strains. These were grown in small plots for several seasons, the best plants being selected for seed each year. In 1902 motherbeds of 2,500 plants were planted for each of the 4 varieties. From each motherbed the 20 best plants were selected and placed in envelopes. In 1903 the ten best plants of each variety were taken and the best seed of each used to establish centgener plots. These centgener plots each containing a hundred seeds were tested for three successive years to determine yield and other desirable characteristics. The best heads were selected from each centgener plot the first year of the test and the succeeding years a close comparison was made and the number of strains gradually reduced. In 1909 the pedigreed stock was finally sent out for trial over the state through the members of the Wisconsin Experiment Association. We first introduced it in 1911 and have catalogued it ever since.

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 was 22 per cent above the yield of all other barley. Many yields of 50 bushels per acre and over have been reported and some as high as 75 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 have 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:—Large Heads.** Many speak of the unusually long, large heads.

Our stock of Wisconsin Pedigree this year was practically all grown right here in Dane County by our best growers. It is colored like most of the grain the past season, but is nice and plump and shows high tests both for purity and germination. Remember we are headquarters for Wisconsin Pedigree barley.

### PRICES OF WISCONSIN PEDIGREE BARLEY FOR 1925.

By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; ½ pk., 30c; pk., 55c; bu. (48 lbs.) \$1.65; 2 bus. at \$1.55; 10 bus. at \$1.50; 25 bus. or over at \$1.45. Heavy jute sacks, holding two bushels each, extra at 15c.

### TWO BOOKS EVERY FARMER SHOULD HAVE

"Quack Grass Eradication," by P. B. Crane. Mr. Crane's own story of his battle with quack grass on a 320 acre farm and the methods which brought success. A valuable book. Price \$1.00, postpaid.

"Weeds and How to Eradicate Them." A 240-page book on scientific weed fighting by Prof. Shaw. Poor yields are very often due largely to too many weeds. Only 25c, postpaid.



## OLDS' WHITE HULLESS BARLEY.



No Beards or Hulls. Yields 60 Bushels Per Acre. White Hulless is different from any other barley. The grain looks like wheat. It is almost as heavy as wheat, 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 or alfalfa; is entirely beardless, with soft straw, splendid for feed. Some farmers cut it for a hay crop. It yields as high as 60 bushels per acre. 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 had White Hulless Barley from Montana as it grows there to perfection. Our customers who have had 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. Our stock this year is as fine as usual and is all Montana grown.

Prices: By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; ½ pk., 45c; pk., 75c; bu. (48 lbs.), \$2.25; 2 to 10 bus. at \$2.15; 10 bus. at \$2.10. 25 bus. at \$2.05. Grain bags extra at 45c.

### JAPANESE BUCKWHEAT.

Succeeds well in the extreme north. About a week earlier than Silver Hull. The grain is very large, of dark brown color. Sow buckwheat from June 10 to July 10, one bushel per acre.

Prices: By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; ½ pk., 35c; pk., 60c; bu. (50 lbs.), \$2.00; 2 to 10 bus. at \$1.90; 10 bus. at \$1.85; 25 bus. or over at \$1.80. Sacks extra at 15c.

### SILVER HULL BUCKWHEAT.

Silver Hull has a rather small grain, light gray in color, nearly round in shape. Very productive and fine for grinding.

Prices: By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; ½ pk., 35c; pk., 60c; bu., \$1.95; 2 to 10 bus. at \$1.85; 10 bus. at \$1.80; 25 bus. or over at \$1.75. Sacks extra at 15c.

### MIXED BUCKWHEAT.

Many growers consider it an advantage to mix Japanese and Silver Hull for sowing. The Japanese is taller than the Silver Hull but less branching. The two together fully occupy the land and the result is a larger yield.

Prices: ½ pk., 35c; pk., 60c; bu., \$1.90; 2 bus. at \$1.80; 10 bus. at \$1.75; 25 bus. at \$1.70. Sacks extra at 15c.

### NO. 52 RESISTANT FLAX.

The best thing in flax. A new variety recently developed at the North Dakota Agricultural College. It is wilt-resistant and rust-resistant.

Prices: By mail: Lb., 25c; 3 lbs., 60c. By freight: Lb., 20c; ½ pk., 75c; pk., \$1.40; bu. (56 lbs.), \$4.25; 2 bus. at \$4.15; 10 bus. at \$4.10. Bags extra at 45c.

### COMMON FLAX.

Prices: Pk., \$1.15; bu., \$3.50; 2 bus. at \$3.40; 10 bus. at \$3.35. Bags extra at 45c.

### OLDS' SPRING RYE.

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. Grows a tall strong straw six feet high and produces 30 to 40 bushels per acre.

Prices: By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; ½ pk., 50c; pk., \$1.40; bu. (56 lbs.), \$4.25; 2 bus. at \$4.15; 10 bus. at \$4.10. Bags extra at 45c.

### EMMER (SPELTZ).

#### THE GREAT RUSSIAN GRAIN.

Farmers ought to sow Emmer, which is the proper name of this grain, rather than Speltz. It makes splendid feed and lots of it. Note the following points:

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

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

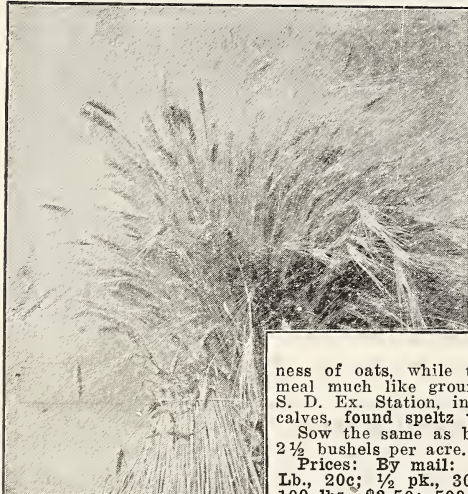
Third. It is specially adapted to dry regions and to localities that are subject to hot, dry summers, as it withstands drouth.

Fourth. It has such a very stiff straw that it stands up when oats and barley lodge.

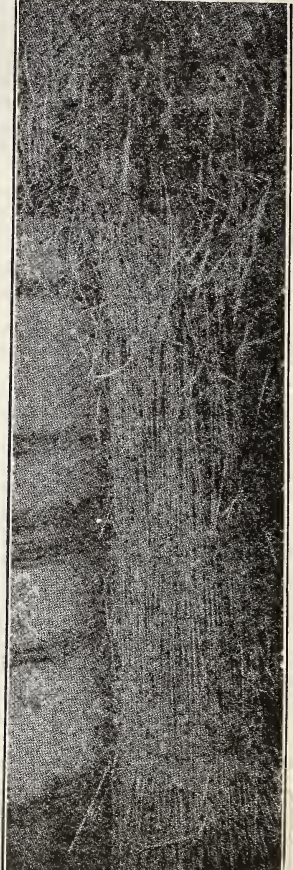
Fifth. It makes a well balanced feed for horses, cattle or hogs, as the large hull gives it the lightness of oats, while the double kernel furnishes a rich meal much like ground rye feed. Prof. Wilson, of the S. D. Ex. Station, in a careful experiment with feeding calves, found speltz worth 40 per cent more than corn.

Sow the same as barley or oats about 100 pounds or 2½ bushels per acre. It ripens about with oats.

Prices: By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; ½ pk., 30c; pk., 50c; bu. (40 lbs.), \$1.50; 100 lbs., \$3.50; 500 lbs. at \$3.40; 1,000 lbs. at \$3.35. Sacks extra at 15c.



Sheaf of Emmer.



Olds' Spring Rye.





Field of Marquis on Farm of A. J. Vieth, Dane County, Wisconsin.

## MARQUIS SPRING WHEAT (Best of all Varieties)

The Wheat That Has Displaced All Other Varieties.

Marquis wheat is in a class by itself. It is different. It produces great yields of splendid wheat on old farms everywhere, where it was not supposed that wheat would succeed at all.

**Description.** Marquis is a hard red spring wheat, grading No. 1 Northern, which brings the top price, but is quite different in appearance from Pife and other hard spring varieties. The grains are short and thick and very plump making it very attractive in appearance. It is a strictly beardless wheat with long heads and it has a very stiff strong straw of good length. It ripens early, a little ahead of other spring varieties.

Our Marquis this year is fancy Montana grown and is pure Marquis from clean inspected fields. It is beautiful wheat—plump, bright, clean, pure and full of vitality. We have also a limited stock of Wisconsin grown Marquis, also pure and clean, which we will furnish while it lasts at the same price as the Montana.

Prices of Marquis Wheat for 1925. By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; ½ pk., 55c; pk., \$1.00; bu., \$2.95; 2 bus. at \$2.85; 10 bus. at \$2.80; 25 bus. or over at \$2.75. Bags extra at 45c.

**DURUM WHEAT (Macaroni).** As a rule Durum outyields other spring wheat; is very hardy resisting extremes of weather which no other wheat will endure and is earlier than other wheat. All right also as a milling wheat but requires special machinery for grinding. We have beautiful bright Montana grown Durum to offer this year.

Prices: ½ pk., 55c; pk., \$1.00; bu., \$2.95; 2 to 10 bus. at \$2.85; 10 bus. at \$2.80; 25 bus. at \$2.75. Bags extra at 45c each. Mail prices same as for Marquis.

## WISCONSIN WONDER SPRING WHEAT.

The Grain to Sow for an Alfalfa Nurse Crop.

Wisconsin Wonder is a new variety of wheat. Its distinguishing characteristic is its extreme earliness. It is a bearded wheat with short, stiff straw; it is a hard red wheat, something like Red Pife in appearance and will grade No. 1 Northern. It never lodges even on rich ground and its remarkable earliness puts it in a class by itself, making it of greatest value as a nurse crop for clover and alfalfa.

Swartz Bros. of Cornfalfa Farms, Waukesha County, Wisconsin, say: "We have grown this wheat as a nurse crop for alfalfa several years and do say it's the best nurse crop known for alfalfa. We have always had an excellent catch of alfalfa and never a failure since we have used this wheat."

Prices: By mail: Lb., 30c; 3 lbs., 70c. By freight: Lb., 25c; ½ pk., 60c; pk., \$1.10; bu., \$3.25; 2 bus. at \$3.15; 10 bus. at \$3.10; 25 bus. or over at \$3.05. Bags extra at 45c.

## OLDS' WINTER WHEAT AND RYE

We have splendid winter wheat and rye, the best varieties, all grown right here near Madison by careful growers. Write us for complete descriptions and prices when you are ready to buy next summer or fall.

### WINTER WHEAT.

Present prices both varieties. By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; ½ pk., 45c; pk., 80c; bu., \$2.50; 2 bus. at \$2.40; 10 bus. at \$2.35; 25 bus. at \$2.30. Bags extra at 45c.

**WISCONSIN PEDIGREE NO. 2.** Hardest and best for Wisconsin and the Northwest. Developed at the Wisconsin Experiment Station.

**GLADDEN.** A new one from Ohio. Becoming very famous there, out-yielding everything else. Bearded and much like Turkey Red in appearance.

Note—All Field Seed prices are subject to change after February 1st. Ask for our "Weekly Price List" after that date. We do not expect to change the prices of grain but reserve the privilege of doing it.

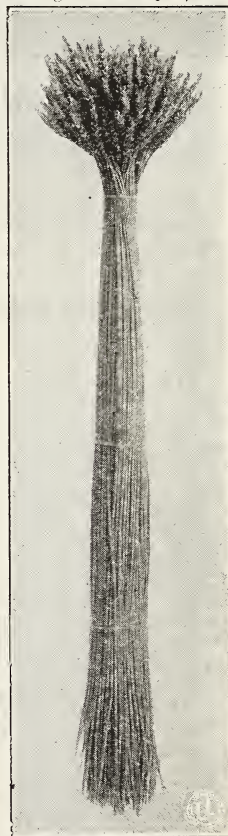
### WINTER RYE.

Present prices, both varieties rye. By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; ½ pk., 40c; pk., 70c; bu. (\$56 lbs.), \$2.20; 2 bus. at \$2.10; 10 bus. at \$2.05; 25 bus. at \$2.00. Bags extra at 45c.

**WISCONSIN PEDIGREE RYE.** Wisconsin's great variety. The result of 12 years' breeding at the Wisconsin Experiment Station. Heavy, plump, uniform kernels.

**ROSEN RYE.** A new variety from Michigan that is now becoming famous everywhere. Greatly outyields ordinary rye. This rye is lighter in color than Wisconsin Pedigree making it very attractive in appearance.

Note—We are always glad to send samples of any of our seed grains on request. These samples give purity and germination tests.



Sheaf of Marquis.



Soy Beans Grown in the North for Hay.

## SOY BEANS. (Great For Feed and For Enriching the Soil.)

Soy Beans are being raised with increasing success now in all the northern states as well as in the central and southern states. Many northern farmers are planting with corn for silage. In Iowa they grow with corn for "hogging" down. In Illinois and Indiana they grow for hay and for the dry beans and in Wisconsin, Michigan and Minnesota they grow somewhat for the dry beans and for hay, but mostly for silage planted with corn.

As a dry bean Soy Beans are immensely productive and are equal to oil meal in feeding value.

**CULTURE.** If planted with corn 3 beans in each hill of corn is about right and this requires 3 to 5 pounds per acre. If planted alone, for hay or seed in rows with cornplanter or drill a half bushel or a bushel of seed per acre may be profitably used, distributing the beans about one inch apart in the row. Do not plant too early. Never before corn planting time. If planted too early the seed will rot. The seed must be inoculated before planting. See page 5. Ask for special circular "Grow Soy Beans."

**WISCONSIN BLACK.** A pedigreed strain of Early Black developed at the Wisconsin Experiment Station. Earliest of all. The best variety to plant in the north for dry beans, but most too small for hay and of very little value for silage. Largely grown now all over Central and Northern Wisconsin. Our stock is all Wisconsin grown. Crop short.

Prices, by mail: Lb., 25c; 3 lbs., 60c; By freight: Lb., 20c; ½ pk., 75c; pk., \$1.40; bu. (60 lbs.), \$4.20; 100 lbs., \$7.00; 500 lbs. at \$6.75. Bags free.

**ITO SAN.** Most popular all around early variety. Produces small yellow beans. Next in earliness to Wisconsin Black. Matures dry beans in 95 days and very largely grown all through the central western states for the dry beans and for a hay crop. Sometimes called simply Early Yellow. Our seed is Illinois grown.

Illinois seed is all right for Wisconsin. The locality where grown does not make as much difference as has been supposed. At any rate Prof. Briggs of the Wisconsin Station says they have been able to discover no difference in earliness or size between Wisconsin grown seed and Illinois or Indiana seed. This is true of all varieties.

Prices, by mail: Lb., 25c; 3 lbs., 60c. By freight: Lb., 20c; ½ pk., 60c; pk., \$1.15; bu., \$3.45; 100 lbs., \$5.75; 500 lbs. or over at \$5.50.

**MANCHU.** This is today the most popular soy bean in all the states of the middle west and the most valuable. It has jumped into prominence ahead of everything else. Early enough to fully mature under ordinary conditions and large enough to be of real value. It is a medium early variety nearly as early as Ito San and much better in our judgment as it grows quite a little larger. Originally from northern Manchuria. Matures in about 110 days or less. Seeds yellow with a peculiar black seed scar. The favorite at the Wisconsin Experiment Station for hay and for silage and very highly recommended by them as the most satisfactory of all varieties for planting with corn for silage. In fact they place them ahead of everything else. Just as popular in Illinois also. Some sections of Central Illinois have discarded all other varieties and are growing now nothing but Manchu. We have both Wisconsin and Illinois grown Manchus to offer this year. Both stocks are very fine indeed, clean, bright and pure and showing high tests.

Prices—Wisconsin Grown, by mail: Lb., 25c. By freight: ½ pk., 70c; pk., \$1.35; bu., \$4.05; 100 lbs., \$6.75; 500 lbs. at \$6.50.

Illinois Grown: Pk., \$1.20; 1 bu., \$3.60; 100 lbs., \$6.00; 500 lbs. at \$5.75.

**BLACK EYEBROW.** A trifle earlier than Manchu and nearly if not quite as valuable. The beans are yellow in color with a peculiar black blotch. Hence the name. Our stock is Illinois grown.

Prices, same as for Illinois Manchu.

**MIDWEST.** Midwest is the new name given by the National Soy Bean Growers' Association to Medium Yellow, Mongol, Roosevelt and Hollybrook, as they consider those four varieties practically identical. They require 115 to 120 days to fully mature seed. Crop the past season was nearly a failure and we have none to offer.

**A. K.** A variety similar to Midwest but now largely displacing that variety in Illinois. Better than Midwest for Wisconsin because 10 days earlier. Our stock is Illinois grown.

Prices, by mail: Lb., 25c. By freight: ½ pk., 60c; pk., \$1.15; bu., \$3.45; 100 lbs., \$5.25; 500 lbs. at \$5.50.

**NOTE:**—Prices are subject to change after Feb. 1st. Consult "Weekly Price List." All prices include sacks. 2 oz. pkt. any variety soy beans 5c, postpaid.





Dwarf Essex Rape Makes The Ideal Sheep Pasture.

## OLDS' FIELD BEANS.



**WHITE NAVY.** Prices, by mail: Pkt., 5c; lb., 30c; 3 lbs., 75c. By freight: Lb., 25c; ½ pk., 90c; pk., \$1.60; bu., \$4.80; 100 lbs., \$8.00; 500 lbs. at \$7.75. Bags free.

**RED KIDNEY.** Large handsome red beans. In great demand with the fancy trade. Our seed is the best Wisconsin grown.

Prices: By mail: Pkt., 5c; lb., 35c. By freight: Lb., 30c; ½ pk., \$1.10; pk., \$2.10, bu., \$6.30; 100 lbs., \$10.50.

## OLDS' FIELD PEAS.



### WHITE CANADA.

Some-times called Yellow Canada. The best known variety. Should be sown more largely. Makes splendid hay. Sow 1½ to 2 bus. per acre broadcast with oats. Our stock this year is from northern Wisconsin and northern Michigan and is very fancy seed. This stock costs more than the ordinary field peas, but is worth much more for seed purposes.

Prices, by mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; ½ pk., 70c; pk., \$1.20; (60 lbs.), \$3.60; 100 lbs., \$6.00; 500 lbs. at \$5.75. Bags free.



## DWARF ESSEX RAPE.

Every farmer should have a field of rape. There is nothing that will make as quick pasture and it is very valuable feed. It is ideal for sheep pasture, and is also now largely sown for hogs and cattle.

Dwarf Essex Rape furnishes an immense amount of green feed, and its nutritive value is nearly twice that of clover. It may be sown in the following ways:

1. In early spring for sheep and hog pasture, 5 to 10 pounds per acre.
2. With spring grain, 2 pounds per acre to provide sheep pasture after harvest. In this case do not sow the rape until the grain begins to come up.
3. Alone in June or July, on newly plowed land.
4. With corn just before the last cultivation.
5. With rye, in August or September, for late pasture.

A word about the seed. We buy in car lots and handle only the best and purest number one Holland Grown Dwarf Essex seed that is entirely free from bird rape, mustard and everything of that sort. All our seed this year comes from Holland and is genuine Holland grown. This is more desirable than the Japanese rape which was the only seed available after the war until last year. The Dwarf Essex is the only desirable variety of rape.

Prices, by mail: Lb., 30c; 3 lbs., 70c. By freight: Lb., 25c; 5 lbs., 90c; 10 lbs., \$1.50; 25 lbs., \$2.75; 100 lbs., \$10.00; 500 lbs. at \$9.75. Bags free.



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

**WHITE MARROWFAT.** Vines large with well-filled pods of large peas. Our stock is Northern Wisconsin grown.

Prices, by mail: Lb., 30c; 3 lbs., 70c. By freight: Lb., 25c; ½ pk., \$1.00; pk., \$1.75; bu., \$5.25; 100 lbs., \$8.75; 500 lbs. at \$8.50.

**SCOTCH BEAUTY.** A blue pea of fine quality. Very popular for soups.

Prices, by mail: Lb., 30c; 3 lbs., 70c. By freight: Lb., 25c; ½ pk., 90c; pk., \$1.60; bu., \$4.80; 100 lbs., \$8.00; 500 lbs. at \$7.75.

## SAND OR WINTER VETCH.

(VICIA VILLOSA).



Winter Vetch.

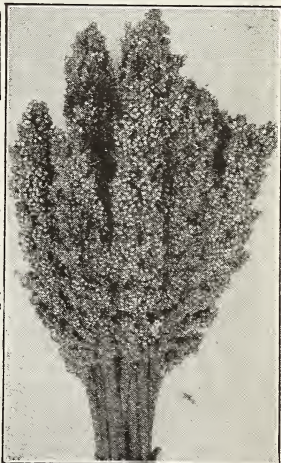
A very valuable leguminous plant, especially for lighter soils. Fall is the best time for sowing but it can also be sown in the spring. Sow with rye in September or early October, 15 to 20 pounds of vetch and ½ bushel rye per acre or sow in spring the same way with ½ bu. of oats or barley for a support. Makes very fine fall and winter pasture and it can also be pastured in early spring. Then it can be plowed under or left for a hay crop if preferred. It not only makes the finest kind of feed, but it brings an immense amount of fertility to the soil. The seed we offer is of the best quality, American grown seed, free from cockle, so common in vetch seed and the price this year is very reasonable.

Do not confuse Winter Vetch with Spring Vetch. Spring Vetch we do not recommend for sowing in the north at all, and we do not handle it but remember, Winter Vetch can be sown in the spring all right.

Prices, by mail: Lb., 35c; 3 lbs., 85c. By freight: Lb., 30c; 5 lbs., \$1.25; 10 lbs., \$2.00; 100 lbs., \$13.50; 500 lbs. at \$13.25. Bags free.

Note. Prices for everything on this page include bags. Prices are subject to change after February first. Ask for our "Weekly Price List" after that date. Samples showing purity and germination tests furnished free on application.

Use Nitragin for Peas, Beans and Vetch. See page 5. White Kaffir (See page 22).





Field of our Improved Early Amber, Grown in Minnesota.

## EARLY AMBER CANE

### MINNESOTA GROWN SEED.

The most important thing in raising sorghum is to have the right kind of seed. We have an improved strain of Early Amber to offer this year, grown in Minnesota. This strain has been developed by selective breeding through a term of years for hardiness and early maturity. With this seed it is not necessary to plant as early and the most of the work, so far as handling weeds is concerned, can be done before planting time by thorough disking and harrowing.

**Culture.** Plant about the middle or last of May, after the ground becomes warm, preferably on fall plowed land, in rows 3 to 4 feet wide, hills 2 to 3 feet apart, putting 10 to 15 seeds in a hill and later thinning to 6 or 8 stalks. This is for syrup making purposes and requires about 4 to 6 pounds of seed per acre. For fodder purposes drill thicker in the row, 15 to 18 pounds per acre. An ordinary corn planter will handle the seed in either case but do not plant more than an inch in depth. Some farmers of late years are planting corn and sorghum together for silage. Use the Minnesota grown cane for producing sorghum and while it is also fine for fodder the Southern grown is cheaper and larger growing.

Prices, Minnesota Grown Seed, by mail: Lb., 35c; 3 lbs., 85c. By freight: Lb., 30c; 5 lbs. \$1.25; 10 lbs., \$2.00; 100 lbs., \$13.00; 500 lbs. at \$12.75.

### SOUTHERN EARLY AMBER CANE.

Use this seed for fodder. Later than the Northern grown and larger growing.

Prices, Southern Grown, by mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; 5 lbs., 50c; 10 lbs., 90c; 100 lbs., \$3.50; 500 lbs. at \$3.25.

### WHITE KAFFIR CORN.

(See illustration preceding page.)

Makes the best kind of fodder for cattle or horses, and is easily grown. The seed is splendid for poultry.

Sow in rows 2½ to 3½ feet apart and cultivate the same as corn. Five to ten lbs. will seed an acre in rows, or ½ bu. broadcast. Prices, by mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; 5 lbs., 50c; 10 lbs., 90c; 100 lbs., \$3.50; 500 lbs., at \$3.25.

### FETERITA.

Feterita is rather a recent introduction but it has already made a great name for itself. It is 25 days earlier than Kaffir Corn, outyields Kaffir and is little affected by drought. Culture same as for Kaffir Corn.

Prices, by mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; 5 lbs., 60c; 10 lbs., \$1.00; 100 lbs., \$4.00; 500 lbs., at \$3.75.

### MILO MAIZE.

A variety of sorghum, fine for dry weather. Grows very large, 8 to 10 feet high, with seed heads of great size, often weighing ¾ of a pound each. Plant same as Kaffir.

Prices, by mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; 5 lbs., 50c; 10 lbs., 90c; 100 lbs., \$3.75

### SUDAN GRASS. (The Great New Hay Crop.)

Produces twice as much hay per acre as any of the common forage plants.

Sudan Grass is comparatively new but becoming immensely popular. It takes several carloads of seed to supply our trade in Sudan Grass each season. It is of greater value than millet or any of the sorghums. It will grow wherever millet grows, is just as easily handled, and produces more hay per acre and of better quality.

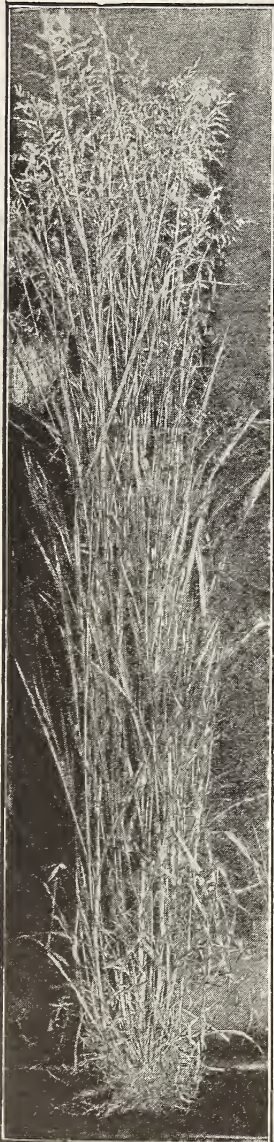
It makes a heavy yield, four to six tons of cured hay per acre. Two cuttings a season can often be made. The hay is first class in quality, equal to timothy hay in feeding value and better than millet. All kinds of stock eat it readily. It is easily and cheaply grown. Sow broadcast and harrow in the same as oats, 15 to 20 pounds per acre, any time from May 15th to July 1st. Do not sow too early. Sudan Grass is a warm weather crop the same as millet and if sown too early will not do well. Cut for hay just before the seed matures.

There is nothing objectionable about Sudan Grass. It is not only grown at slight expense for seed and labor but it is an easy crop on the land, at any rate no harder on the land than millet or timothy. It is easily gotten rid of as it is strictly an annual and is completely killed by frost. Sudan Grass is certainly great. For an emergency hay crop, both for quantity and quality there is nothing equal to it. Every farm should have some. Order early as prices are very likely to be higher later. Prices at this time are very reasonable.

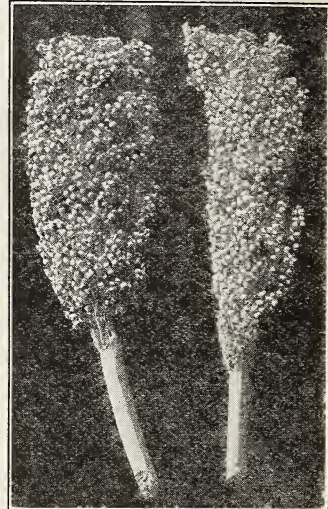
Prices, by mail: Pkt., 5c; lb., 30c; 3 lbs., 75c. By freight: Lb., 25c; 5 lbs., 90c; 10 lbs., \$1.50; 100 lbs., \$8.00; 500 lbs. at \$7.75. Sacks free.

Ask us for Wisconsin Bulletin No. 359, "Emergency Hay Crops."

Note—Bags free for everything on this page. Write for special prices in large quantities and for new price list after February 1st.



Sudan Grass.



Feterita, the Great Drouth-Resister.



## WHITE WONDER MILLET

### WHITE WONDER MILLET.

A Russian soldier, serving in the Russo-Japanese War, discovered this wonderful millet in China. He put a little of the seed in his knap-sack and when the war was over he came to the United States bringing his precious packet of seed with him.

White Wonder Millet has been raised in western Kansas for several years and also in the north; it is just as hardy and vigorous as other millets.

The most striking feature of White Wonder Millet is the size of the heads. They will run from eight up to eighteen inches in length and a single head will have as many as 15,000 seeds.

The yield of White Wonder Millet is extremely heavy, being ordinarily fully half again as much as that of Golden Millet.

Another very desirable feature of White Wonder Millet is its earliness. It is earlier than Golden or Common.

The foliage is very heavy, the leaves broad, and therefore it produces an immense amount of excellent fodder.

On account of the earliness, the immense yield of both grain and fodder, and the very vigorous growth which leaves the ground clean, we place White Wonder Millet in the front rank among the millets. Seed is somewhat scarce this year. Order early.

Prices: By freight: Lb., 20c; 5 lbs., 40c; 10 lbs., 75c; 100 lbs., \$5.25; 500 lbs. at \$5.00.

### 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; does especially well on low ground; makes more hay than Golden millet, and requires less seed per acre; produces a crop in a very short time, is relished as hay by stock of all kinds, or, if allowed to ripen, will produce a heavy yield of seed which is fine for feed.

Sow in May or June, 20 to 25 pounds per acre. If desired for hay cut just before it heads out. Or it can be left to ripen and threshed for the seed. Our halftone illustration, showing heads of Japanese Millet over six inches long, gives some idea of the immense seed production.

Prices: 5 lbs., 40c; 10 lbs., 75c; 100 lbs., \$5.25; 500 lbs. at \$5.00.

**SIBERIAN MILLET.** Hardier and earlier than Golden Millet. Reddish seed. A very popular variety, especially in the northwest.

Prices: 5 lbs., 40c; 10 lbs., 75c; 100 lbs., \$4.25; 500 lbs., at \$4.00.

**HOG OR BROOM CORN MILLET.** Also called Dakota Millet. Makes inferior hay, unless cut very young, but yields enormous quantities of large plump seed, as high as 60 or 70 bushels per acre. This seed is fine for poultry.

Prices: 5 lbs., 40c; 10 lbs., 75c; 100 lbs., \$4.25; 500 lbs. at \$4.00.

(One pound, any variety of millet by mail, 25c; 3 lbs., 60c. By freight: Lb., 20c.)

### MAMMOTH RUSSIAN SUNFLOWER.

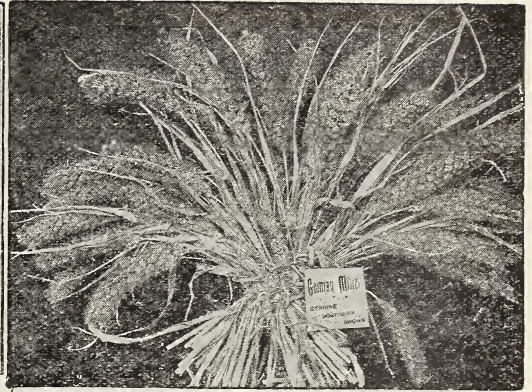
A great food for poultry and hogs. Also grown quite largely now for silage. Also for sheep pasture. Peter Swartz, the alfalfa expert, recommends it very highly for sheep pasture. It makes a larger amount of feed than ensilage corn and is claimed to be superior in feeding value to corn. Our stock is very fine American grown seed.

Prices, by mail: Pkt., 5c; lb., 35c; 3 lbs., 90c. By freight: Lb., 25c; 5 lbs., 90c; 10 lbs., \$1.50; 100 lbs., \$10.00; 500 lbs. at \$9.75.

### DWARF RUSSIAN SUNFLOWER.

A new variety of sunflower, specially valuable for extreme northern sections. Grows only 5 feet high but produces large heads and outyields, our grower claims, even the Mammoth Russian. More easily handled than the Mammoth variety and harder. Seeds are good sized, much like Mammoth Russian. Our stock is North Dakota grown.

Prices, same as for Mammoth Russian.



### GOLDEN MILLET. (FORMERLY GERMAN.)

The most popular of all the millets. It is a rather tall growing variety, with large stout stems, the leaves being rather short, but broad and stiff. The seed heads are usually about an inch in diameter, from six to eight inches long and well filled out with seed, making this variety very productive. It is later in season than Common. For seed sow at the rate of 12 to 15 pounds and for hay sow about 40 pounds per acre. Our main stock of Golden Millet this year is again Kansas grown and is Genuine Golden or German and not Common. It has the true Golden color, uniform, round and plump.

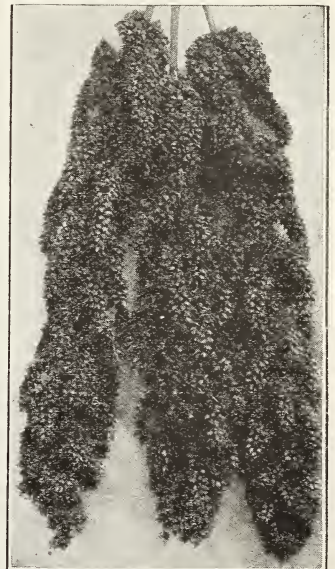
Seed is scarce again this year.

Prices: Fancy Kansas, by freight: 5 lbs., 40c; 10 lbs., 75c; 100 lbs., \$5.25; 500 lbs. at \$5.00. Grain bags extra at 45c.

**COMMON MILLET.** A little earlier in season than Golden Millet. Leaves are rather broad and not as stiff as Golden, and seed heads are smaller. Seed is white instead of yellow. A good many farmers prefer the common to other varieties of millet and sales of seed would indicate a great increase in popularity.

We have an especially nice lot of seed this year grown in the southwest. On account of the lower price we advise sowing Common instead of Golden this year.

Prices: 5 lbs., 40c; 10 lbs., 75c; 100 lbs., \$4.75; 500 lbs. at \$4.50. Grain bags extra at 45c.



Japanese Millet.

# OLDS' SEED POTATOES



Our Seed Potatoes have had a national reputation for years. We began with nothing but Seed Potatoes 37 years ago. Have made a specialty of them ever since. We always have choice stock and this year is no exception. In fact our stock is unusually fine this year. There is money in potatoes if you plant the right kind of seed. Use seed that was grown for seed.

**CERTIFIED STOCK.** All of our Wisconsin grown potatoes are "Certified Stock." That means that they have been inspected and O. K'd, both when growing and after being dug, by the Wisconsin Potato Growers' Association, an organization under the supervision of the Wisconsin College of Agriculture with headquarters here at Madison. An official red label tag will be used with every order filled from this certified stock reading as follows:

"This Seed is Certified as Regards:

1. Freedom from mixtures and reasonable conformity to the correct vine and tuber characteristics of the variety.
2. Freedom from black wart and powdery scab, and from serious infection with any other disease."

**WISCONSIN BADGER BRAND.** Our potatoes also conform to the requirements of Wisconsin Badger Brand which are even more strict than the requirements for U. S. Grade No. 1. The specifications are as follows:

"Wisconsin Badger Brand shall consist of potatoes of one variety which are (a) mature, (b) bright, (d) well shaped, (e) free from damage caused by dirt or other foreign matter, freezing injury, sunburn, second growth, growth cracks, cuts, scabs, blight, (g) soft rot, dry rot, hollow heart, disease, insects or mechanical injury and other defects. The (f) diameter of potatoes of round varieties shall be not less than one and seven-eighths (1  $\frac{7}{8}$ ) inches and of potatoes of long varieties one and three quarters (1  $\frac{3}{4}$ ) inches."

**LARGE BARRELS:** Our barrels hold exactly 172 pounds each, net weight, the Wisconsin barrel. The old barrel was only 165 pounds, or about 12 pecks by measure. Our prices include barrels. Remember that. Peck and bushel orders are shipped in sacks or in boxes. No charge for containers of any kind for potatoes.

**PACKING AND SHIPPING.** We are in the best possible position to make prompt shipments, as we have our own side-tracks and load potatoes 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 furnished free. 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.

## OLDS' RED RIVER IRISH COBBLER.

Next to Early Ohio the Most Popular Early Potato.

Irish Cobbler has been for some years the most famous 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. From there its popularity has extended throughout the whole of the United States.

It is a pure white potato, nearly round in shape with eyes rather more pronounced than in the Ohio type varieties.

On our trial grounds Irish Cobbler yielded a third more than Early Ohio, although a little later. The potatoes are very attractive looking and of most excellent quality, rather ahead of all other earlies in that respect, always cooking up dry and mealy. This variety will please anyone who wants a few earlies for home use as well as the large grower and the market gardener.

Our Red River Irish Cobblers this year are all from Henry Schroeder. Part of them are certified, as Mr. Schroeder is now having some of his Cobblers certified by the state of Minnesota.

Prices, Certified Stock:  $\frac{1}{2}$  pk., 35c; pk., 65c; bu., (60 lbs.) \$1.90; bbl. (172 lbs.) \$5.50; 5 bbls. at \$5.35; 10 bbls. at \$5.25; 10 bus. (in sacks) at \$2.80 per 100 lbs.

Uncertified Schroeder Stock:  $\frac{1}{2}$  pk., 30c; pk., 55c; bu., \$1.60; bbl., \$4.75; 5 bbls. at \$4.60; 10 bbls. at \$4.50; 10 bus. (in sacks) at \$2.50 per 100 lbs. Barrels and sacks free for all potatoes.

**POUND PRICES.** Any variety of potatoes on our list. By mail: One pound (about 3 good tubers), 25c; 3 lbs., 50c; postpaid. Freight or express: Lb., 20c. Not less than one pound of a variety sold.



## OLDS' RED RIVER TRIUMPH.

Bliss' Triumph is a standard extra early. The earliest in fact of all varieties. Largely grown now for market in the south and southwest. The tubers are nearly round, smooth, medium in size, reddish pink in color.

Our Triumphs cannot be excelled. The illustration shows them just as they look, smooth, uniform, round, very desirable in shape and size. The stock is all Red River grown.

Prices:  $\frac{1}{2}$  pk., 35c; pk., 60c; bu., \$1.80; bbl., \$5.25; 5 bbls. at \$5.10; 10 bbls. at \$5.00; 10 bus. at \$2.80 per 100 lbs.





## OLDS' IMPROVED RED RIVER 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. It is even very common to find Ohios 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, shipping them to customers all over the United States.

All of the Ohios we offer this year were grown by Mr. Henry Schroeder, the "Potato King" of the Red River Valley. Mr. Schroeder's stock is really "Pedigree Stock," bred up and selected during a long term of years. It is not only pure and free from disease but will produce as it has the breeding in it.

### PRICES OF OLDS' IMPROVED EARLY OHIOS FOR 1925.

Red River Schroeder Stock:  $\frac{1}{2}$  pk., 30c; pk., 55c; bu., \$1.60; bbl. \$4.75; 5 bbls. at \$4.60; 10 bbls. at \$4.50; 10 bus. (in sacks) at \$2.50 per 100 lbs.

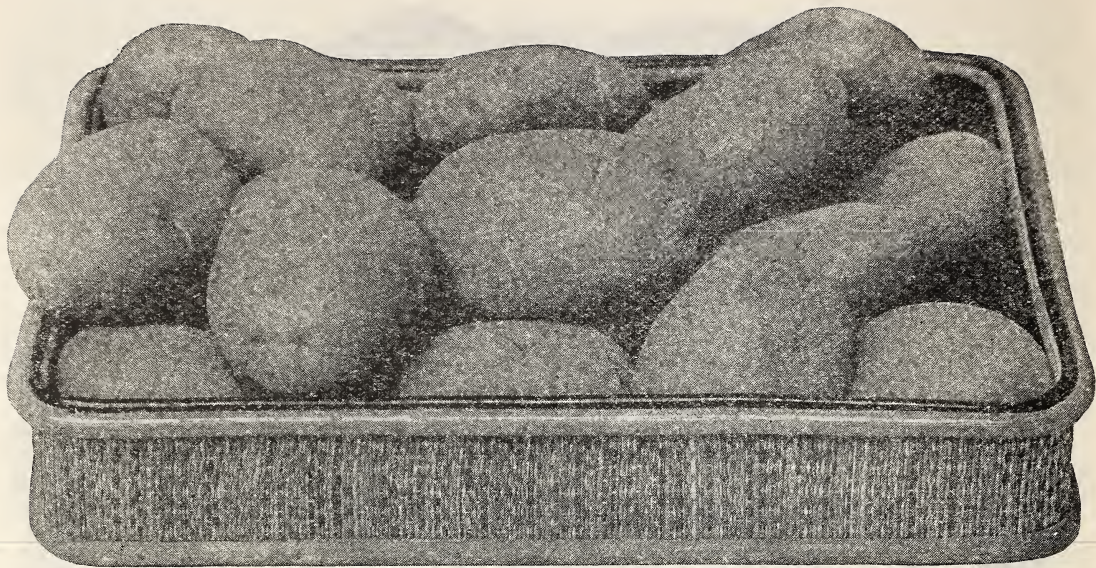
Prices Subject to Change. The potato prices given in this catalog are in effect until February first. Ask for "Weekly Price List" for prices after that date. The prices may be higher. They may be lower.

Use Formaldehyde to prevent scab on potatoes. See page 93. Ask for one of the circulars we offer.



Henry Schroeder, Potato King of the Red River Valley and grower of our Red River Early Ohios and Irish Cobblers.

Eighty Acre Field of Olds' Early Ohios in the Red River Valley.



A Basket of Olds' Certified Improved Rural New Yorkers.

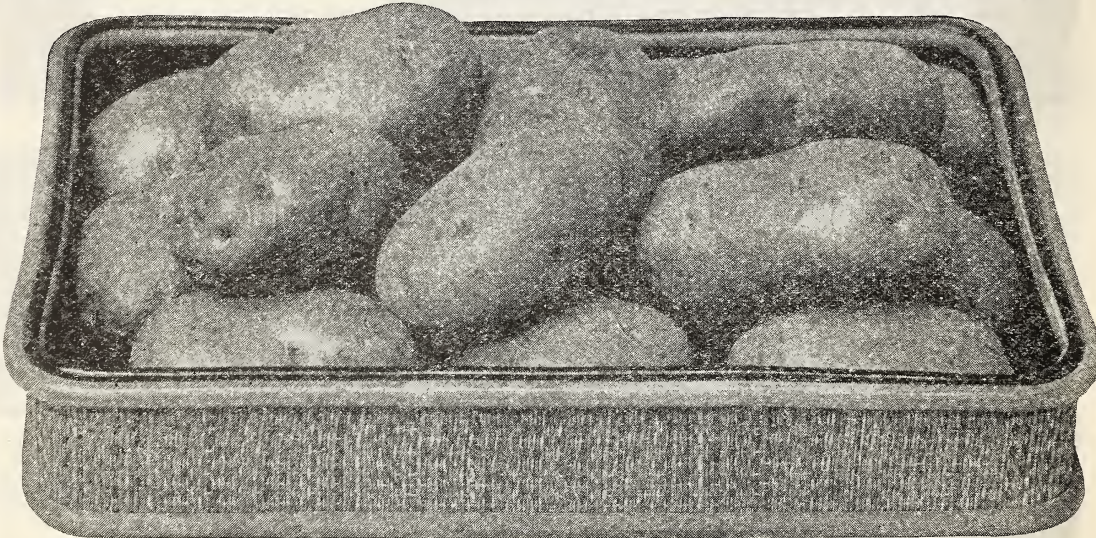
## OLDS' IMPROVED RURAL NEW YORKER. THE POTATO FOR EVERYBODY



Rural New Yorker is the most popular main crop variety in cultivation today. The Rural type does the best as a rule on clay soils and black soils and in fact it is the universal potato for all soils. It will probably stand more neglect and do better under unfavorable conditions than any other standard variety. It is easily grown, a good keeper and always yields well, while its desirable shape, pure white skin and shallow eyes make it a good looker and seller. As a rule the quality is all right too.

Rurals throughout the country are badly mixed with other varieties. Such stock does not bring the top price. We have not only pure Rurals but an improved strain of Rurals. They are all certified and from northern Wisconsin. Farmers, everywhere! Change your seed. Plant Olds' Improved Rural New Yorker and grow more bushels per acre, uniform in size and type like the potatoes shown in the basket. This is the year to do it.

Prices: ½ pk., 30c; pk., 50c; bu., \$1.50; bbl., \$4.50; 5 bbls. at \$4.35; 10 bbls. at \$4.25; 10 bus. at \$2.35 per 100.



A Basket of Olds' Certified Improved Green Mountains.

## OLDS' IMPROVED GREEN MOUNTAIN

The Variety for Sandy Soils.

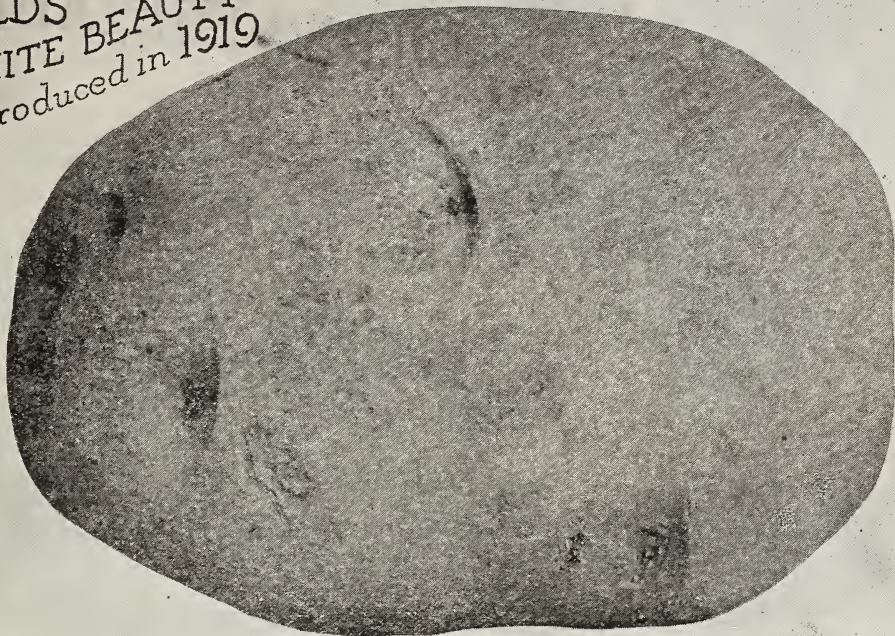
Green Mountain is fast becoming the most popular variety in the potato counties of northern Wisconsin. It is somewhat earlier than Rural New Yorker and a little ahead of Rural in quality. We would call it about medium in season. Does specially well on sandy soils. On clay soils is liable to grow rough.

Green Mountain is a vigorous grower with an abundance of bushy vines with light green leaves and pure white blossoms. The tubers are slightly oblong and broad, with a thick netted skin, cream color rather than white. A Green Mountain is hard to beat for an eating potato, as it always cooks up dry and mealy. Our stock this year is very fine certified stock, mostly from N. B. Dexter, grower of our White Beauties, Sawyer County, Northern Wisconsin.

Prices: ½ pk., 30c; pk., 50c; bu., \$1.50; bbl., \$4.50; 5 bbls. at \$4.35; 10 bbls. at \$4.25; 10 bus. at \$2.35 per 100.



OLDS'  
WHITE BEAUTY  
Introduced in 1919.



## OLDS' WHITE BEAUTY (Our 1919 Introduction)



We introduced this potato six years ago as a strictly new variety that promised to take a place right at the front in the list of valuable potatoes. It is certainly making good. It is a heavy yielding, high quality, main-crop variety. It has a distinct origin starting from a single seed ball in 1911.

**Description.** Olds' White Beauty is just the type that is wanted for an all-round, main crop, white-skinned potato. It is the right shape, nearly round to oval oblong; symmetrical and regular in form; eyes very shallow, so shallow that as one of our customers says: "You hardly know they have an eye"; beautiful white skin, slightly russeted; strong, vigorous grower, with dark stalks and purple blossoms like Rurals. Season medium, a little earlier than Rural.

**Value.** We have something of great value in this new potato. In the first place it can be sold in the large potato markets for Rural New Yorker, the standard main crop variety in nearly all sections, but while it resembles Rural it is better. The color is a creamy white instead of pure white and it is slightly russet like the old Snowflake, indicating quality. Then, for yield it surpasses everything. Its "new blood" tells. The North Dakota Experiment Station reported an official yield on it of 466 bushels per acre. On our trial grounds White Beauty outyielded Rural New Yorker, Green Mountain, White Mammoth and Carman No. 3 and the tubers were the finest in appearance of any.

Our White Beauties this year are all Northern Wisconsin grown from Sawyer County, grown by Mr. Dexter, who has furnished us such fine White Beauties in the past and a neighbor of his. They are very nice. Order early.

### PRICES OF OLDS' WHITE BEAUTY FOR 1925.

By mail: Lb., 25c; 3 lbs., 50c. By express or freight, not prepaid: Lb., 20c; 1/2 pk., 35c; pk., 60c; bu., \$1.75; bbl., \$5.00; 5 bbls. at \$4.85; 10 bbls. at \$4.75; 10 bus. (in sacks) at \$2.65 per 100 lbs. All prices include containers.

**POUND PRICES.** Any variety of potatoes on our list. By mail: One pound (about 3 good tubers), 25c; 3 lbs., 50c; postpaid. By freight or express: Lb., 20c. Not less than one pound of a variety, sold.

**Collection Barrels.** We offer a barrel made up of any 2 varieties potatoes on our list, half of each, at barrel rates, plus 20 cents; 3 varieties, at barrel rates, plus 35 cents.

Prices Subject to Change. Prices are in effect until February first. Ask for "Weekly Price List" after that date.

## POTATO EYES.

We furnish Potato Eyes in boxes of 160 eyes each, any variety, labeled and carefully packed in damp moss in paraffin lined boxes. Orders

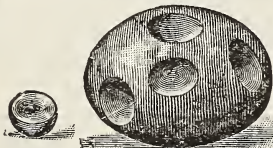
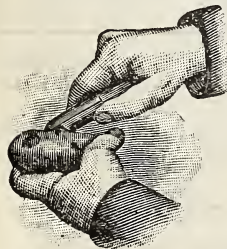
will be filled at the right time for planting. We guarantee safe arrival in good condition.

F. B. Spear, Kansas, writes: "The potato eyes which I got of you last March did exceedingly well. Every one made a hill of fine potatoes and this is not a potato country either."

### PRICES OF POTATO EYES, ALL VARIETIES.

- 160 Eyes, (one box) all one variety, your selection, \$1.40 by mail, postpaid.
- 160 Eyes, (one box) two varieties, 80 of each, your selection, \$1.50, postpaid.
- 160 Eyes, (one box) four varieties, 40 of each, your selection, \$1.60, postpaid.
- 480 Eyes, (3 boxes) all one variety, \$3.20 by express, not prepaid.
- 480 Eyes, (3 boxes) three varieties, \$3.35 by express, not prepaid.

(No orders accepted for less than 160 eyes.)



POTATO SEED-BALLS BY THE BUSHEL.

## POTATO BALL SEED.

We offer a fine stock of hybridized potato seed from the balls. Every seed makes a distinct variety.

Pkt., 15c; 2 pkts., 25c, postpaid.

# OLDS' VEGETABLES



"From the day of the cave man who crept from his winter quarters and strode out to meet the sun, all have felt the irresistible call of spring." Always man has looked upon Nature at springtime with joy—partly adoration and partly for the very practical matter of supplying himself with much of his food and other necessities by making things grow. Nowadays with our better understanding of soils, with ingenious and efficient tools eliminating much of the labor of gardening, with the wonderful development in the quality and diversity of modern cultivated plants, and with the gain in the knowledge, skill and honesty of the modern seedsman, gardening has become, not only a money-maker and a money-saver to millions, but a pleasure also to those who not only love the vegetables and flowers they produce, but who love to watch them grow.

You, too, may enjoy the freshness and flavor of your own vegetables and the beauty and fragrance of your own flowers. The measure of your satisfaction and enjoyment, however, will depend largely upon the quality of the seed you plant. When one remembers the hazards that your planted seed must meet—that it may be planted too early or too late, too deep or too shallow; the soil may be too hard or too loose, too rich or too poor; the weather may be too hot or too cold, too wet or too dry; there may be insects, weeds and fungus—with the certainty that your garden must contend with at least a part of these hazards, it is important indeed that your seed be endowed with the utmost in vigor and character.

By the most exacting germination tests, by critical inspections of our stocks and by a careful watch over our sources, we believe that we are now securing, not alone these essential qualities, but trueness to name and type; high productivity, and those many other qualities, like flavor, uniformity, crispness, color and fragrance, which constitute the difference between superiority and mediocrity in vegetables.

Every stock of seed is carefully tested and every package we send out bears the identifying stock number from which that particular seed was drawn. 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 we especially recommend for general cultivation.



WE PAY POSTAGE ON ALL VEGETABLE SEEDS, FLOWER SEEDS, BULBS AND PLANTS AND DELIVER FREE TO ANY POST OFFICE IN THE UNITED STATES, UNLESS OTHERWISE MENTIONED. PLEASE ORDER BY NUMBER. WE GUARANTEE SAFE DELIVERY.

Weather conditions were generally unfavorable for seed production last season, with the result that a larger number than usual of important items are short in crop. Therefore, high-grade seeds are necessarily a little higher in price than usual; however, we have made our prices in all cases as low as possible for seeds of high quality.

WE INVITE particular attention to the various special offers and collections which you will find described in the following pages. By putting them up in advance of the busy season, and thus having them all ready for your order, we are enabled to make a considerable saving, which we gladly pass along to you.

#### NOTE PARTICULARLY.

1. The big Dollar Collection of 25 regular packets of Garden Seeds illustrated and listed on the back cover.
2. The various vegetable seed mixtures. We make up all these mixtures ourselves from good, named varieties, and thus enable you to grow an assortment of the best kinds of tomatoes (for instance) at the price of a single packet.
3. The generous flower seed collections offered on the opening page of the Flower Seed Section.
4. The very liberal collections and mixtures of gladiolus and dahlia tubers.

**OLDS' CATALOG TELLS THE TRUTH.**

# OLDS' ASPARAGUS

One of the earliest and most delicious of spring vegetables and one of the easiest to grow. The extraordinary increase in the consumption of asparagus in recent years has led to the planting of a very large additional acreage, until now it is an important market-garden and canning item throughout the United States, and large quantities are sold fresh in the spring, and in cans throughout the year. However, if you would enjoy the full richness of its flavor and succulence, you must use it fresh from the garden. Then only, does one get its real delicacy. If you have none in your garden, plant some this spring.

An asparagus bed, like an orchard, is a rather permanent affair. There are beds fifty years old from which good crops are still being cut. The average life of a bed is about fifteen to twenty years. In starting a new bed then, one is well justified in giving it the best chance possible by obtaining the best roots possible. You will not be disappointed in ours. They have been given plenty of room to grow in a rich productive soil, and you will find them the kind of big vigorous fellows you'll like to plant.

Asparagus may be raised from seed and a crop obtained in three years. One year may be saved by planting one year old roots, and two years by planting two year old roots.

2. **COLUMBIAN MAMMOTH WHITE.** A vigorous grower and heavy yielder. The thick shoots are white and remain so.

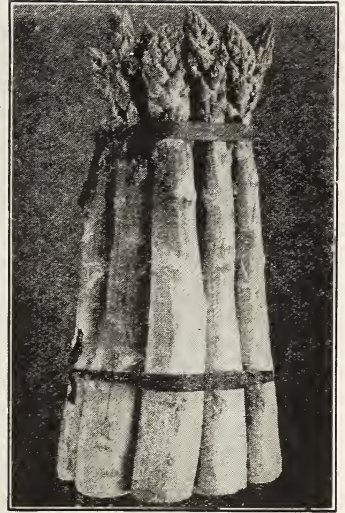
Pkt., 10c; oz., 15c; ¼ lb., 35c, postpaid.

5. **PALMETTO.** Plants of vigorous growth, producing large, thick, dark green shoots with pointed tips. Pkt., 10c; oz., 15c; ¼ lb., 35c, postpaid.

6. **WASHINGTON GIANT RUST PROOF.** A very vigorous, high yielding strain, the result of years of breeding and selecting by the United States Bureau of Plant Industry. The stalks are larger and more tender than are those of other varieties, and are apparently immune from rust. It is worth while to have the best. Pkt., 15c; oz., 50c; ¼ lb., \$1.25; lb., \$4.00, postpaid.

**ASPARAGUS ROOTS.** Columbia Mammoth White and Palmetto, large one year old, 25 for 45c; 100 for \$1.60. Two year old, 25 for 75c; 100 for \$2.00. By express, one year old, 100 for \$1.30; 1,000 for \$10.00. Two year old, 100 for \$1.60; 1,000 for \$12.00.

Washington Giant Rust Proof, one year old, 25 for 75c; 100 for \$2.00. By express, 100 for \$1.75; 1,000 for \$12.75.



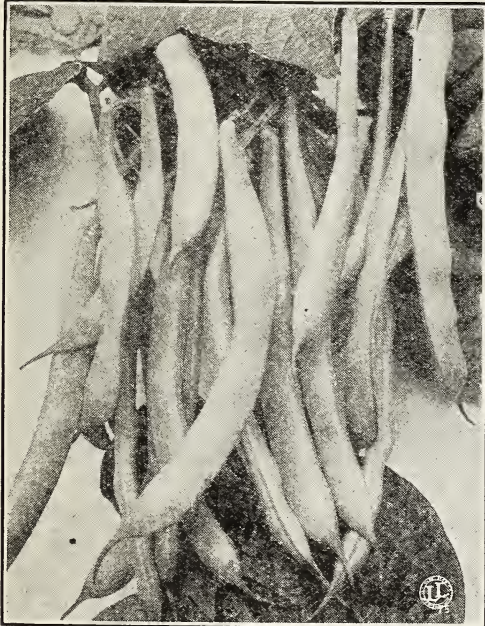
Columbian Mammoth White.

# WAX POD BEANS

20½. **★OLDS' EARLY STRINGLESS**

**WAX** is a recent cross between Burpee's Stringless Green Pod and Valentine Wax, and is a decided improvement over both. We believe it to be the best garden bean thus far produced. It seems to be endowed with all the virtues that a bean may possess—earliness, hardiness, vigor, productiveness, looks, flavor, texture—and it is absolutely stringless. Even when the pods ripen up there is no stringiness; instead they gradually become papery with age.

The vine grows strong and erect, the load of pods is held well off the ground and it is among the most prolific dwarf beans we know of. The pods average six inches in length, are light yellow in color, well filled, tender, and of a delicious flavor. They are round, straight, brittle and handsome. Pkt., 10c; lb., 45c; 2 lbs., 80c. By express, 7½ lbs., \$2.00; 15 lbs., \$3.50; 30 lbs., \$6.00.



Olds' Early Stringless Wax.

19½. **★OLDS' LATE STRINGLESS WAX.**

Our 1921 Introduction. This bean is a selection from Burpee's Stringless Green Pod and excels that splendid variety. A handsome bean with long, showy, yellow pods. Like the Early Stringless Wax, it is round-podded, light-yellow, crisp and unusually fine flavored. Its vigor enables it to withstand unfavorable weather and soil conditions. In season it immediately follows Olds' Early Stringless Wax and it continues to bear until cut down by frost. The two form a close succession if planted at the same time. The vines are of a spreading habit. They yield even heavier than Olds' Early Stringless Wax.

In these two beans, Olds' Early Stringless Wax Pod and Olds' Late Stringless Wax Pod, we believe that we are offering you the best combination for the home garden. Pkt., 10c; lb., 45c; 2 lbs., 80c, postpaid. By express, 7½ lbs., \$2.25; 15 lbs., \$3.90; 30 lbs., \$6.75.

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 stringless, the color is a rich golden-yellow. Pkt., 10c; lb., 45c; 2 lbs., 80c, postpaid. By express, 7½ lbs., \$2.15; 15 lbs., \$3.75; 30 lbs., \$6.50.

22. **DAVIS WHITE KIDNEY WAX.** Among the most hardy and productive of all the wax beans. The pods are attractive and are long, white, straight, flat and tender. The vine is rustless and very vigorous, bearing the pods in clusters. Much used by market gardeners and canners on account of its showy pods. A very early variety. Pkt., 10c; lb., 40c; 2 lbs., 70c, postpaid. By express, 7½ lbs., \$2.00; 15 lbs., \$3.50; 30 lbs., \$6.00.

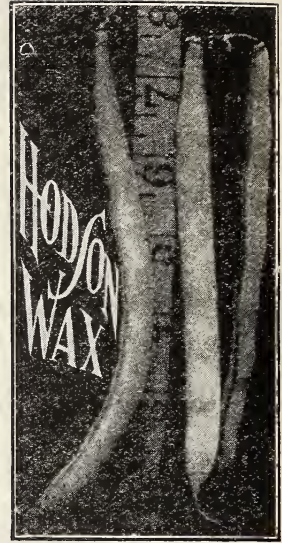
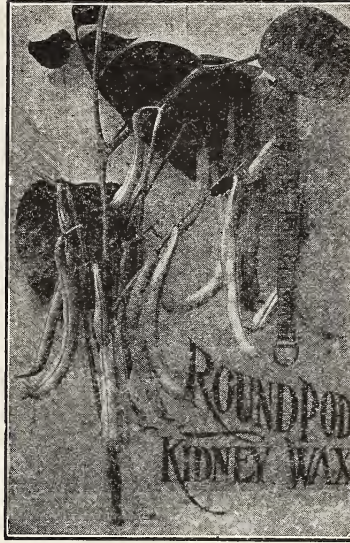
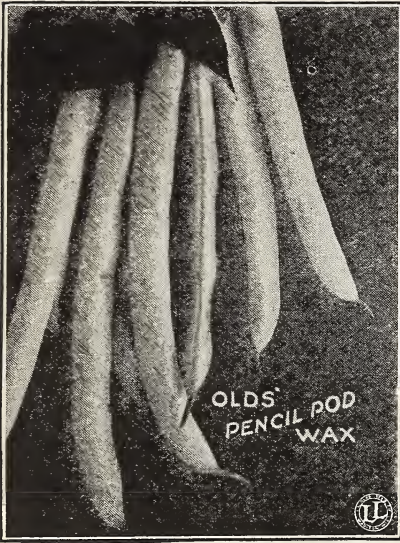
26. **WEBBER WAX.** A bean of high quality, productive, with broad, flat uniformly curved yellow pods averaging six inches in length. A very vigorous and prolific variety. The seeds are yellow and kidney shaped. Popular for both private gardens and for market. Pkt., 10c; lb., 40c; 2 lbs., 70c, postpaid. By express, 7½ lbs., \$2.00; 15 lbs., \$3.50; 30 lbs., \$6.00.

19. **REFUGEE WAX.** A popular mid season variety, hardy and desirable. Pods long, round, yellow, thick meat and stringless. A desirable variety for canning. Enormously productive. Pkt., 10c; lb., 45c; 2 lbs., 80c, postpaid. By express, 7½ lbs., \$2.15; 15 lbs., \$3.75; 30 lbs., \$6.50.

37. **GOLDEN CLUSTER WAX.** A pole bean with strong and hardy vines. It is very early and continues to bear until frost. The pods are golden yellow, stringless and tender. Pkt., 10c; lb., 40c; 2 lbs., 70c. By express, 7½ lbs., \$2.00; 15 lbs., \$3.50; 30 lbs., \$6.00.

38½. **KENTUCKY WONDER WAX.** Bears a fine crop of long thick, and almost straight pods of light yellow. One of the earliest pole varieties, and the best pole wax bean for Northern planting. Pkt., 10c; lb., 40c; 2 lbs., 70c, postpaid. By express, 7½ lbs., \$2.25; 15 lbs., \$3.90; 30 lbs., \$6.75.

## WAX POD BEANS Continued

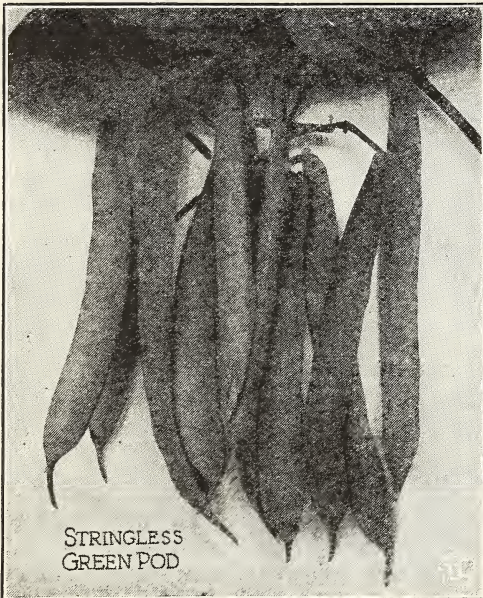


24. **★OLDS' PENCIL POD WAX.** The Pencil Pod is the best of the dwarf, black-seeded wax varieties. It is early, productive and of excellent flavor. The pods are long, round, straight and crease-backed; fleshy, stringless, free from fibre, brittle and clear yellow in color. Pkt., 10c; lb., 45c; 2 lbs., 80c, postpaid. By express, 7½ lbs., \$2.10; 15 lbs., \$3.70; 30 lbs., \$6.25.

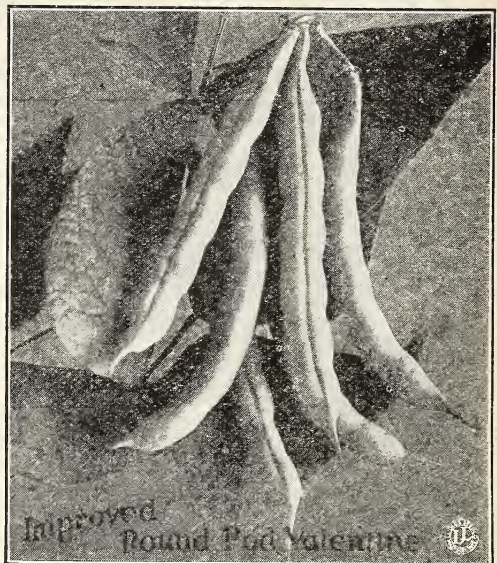
25. **★OLDS' ROUND POD KIDNEY WAX.** The Round Pod Kidney Wax is a very handsome second early wax variety. This bean combines all the good qualities of the Wardwell's Kidney Wax with the best round podded kinds. The pods are large, handsome, stringless and of a light yellow wax-like color. Pkt., 10c; lb., 50c; 2 lbs., 90c. By express, 7½ lbs., \$2.15; 15 lbs., \$3.75; 30 lbs., \$6.50.

27. **HODSON WAX.** The Hodson Wax is rust proof. In season it is later than the Golden Wax, thus giving a succession. The pods are 7 to 8 inches long, flat, gently curved and wax-like in appearance, stringless only when young. Pkt., 10c; lb., 40c; 2 lbs., 70c, postpaid. By express, 7½ lbs., \$2.00; 15 lbs., \$3.50; 30 lbs., \$6.00.

## DWARF GREEN POD BEANS.



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, very round and straight. By repeated plantings, fine pods may be had in constant succession from spring until cut off by heavy frost in the fall. Pkt., 10c; lb., 45c; 2 lbs., 80c, postpaid. By express, 7½ lbs., \$2.15; 15 lbs., \$3.75; 30 lbs., \$6.50.



12. **EXTRA EARLY RED VALENTINE.** (Round Pod.) Few green varieties surpass this grand old favorite for snap beans. Pkt., 10c; lb., 45c; 2 lbs., 80c, postpaid. By express, 7½ lbs., \$2.15; 15 lbs., \$3.75; 30 lbs., \$6.50.

13. **BOUNTIFUL.** A stringless Dwarf Bean, extra early, tender, large-podded, and a bountiful yielder. The flat green pods are stringless, tender and have a delicious flavor. This bean is a continuous bearer—the first in the spring and the last in the fall. Fine for the home garden. Pkt., 10c; lb., 45c; 2 lbs., 80c, postpaid. By express, 7½ lbs., \$2.00; 15 lbs., \$3.50; 30 lbs., \$6.00.

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See  
Other Side

18. **TENNESSEE GREEN POD.** An extra early sort. The pods are very long, often 6 to 7 inches, flat, irregular in shape and of a bright green color. The vines attain a medium size and have dark green crumpled foliage. Its excellent quality fully repays the grower who plants it. Pkt., 10c; lb., 40c; 2 lbs., 70c, postpaid. By express, 7½ lbs., \$2.10; 15 lbs., \$3.70; 30 lbs., \$6.25.

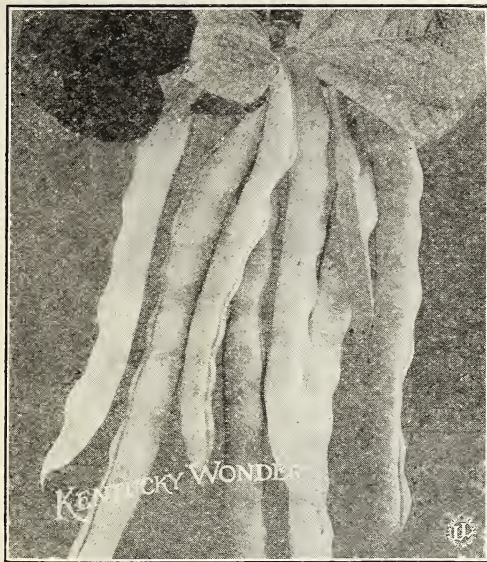
11. **ROUND YELLOW SIX WEEKS.** Fine variety having fleshy rich, green pods, brittle and tender. Very productive. Pkt., 10c; lb., 45c; 2 lbs., 80c, postpaid. By express, 7½ lbs., \$2.00; 15 lbs., \$3.50; 30 lbs., \$6.00.

19. **REFUGEE.** Called also "1000 to 1" because of its great yields. Big vines, spreading and very hardy; much planted for late picking. The pods are long, cylindrical, green and of good quality. Because of its productiveness and the handsome appearance of its pods, it is much in favor with canners and market gardeners. Pkt., 10c; lb., 45c; 2 lbs., 80c, postpaid. By express, 7½ lbs., \$2.00; 15 lbs., \$3.50; 30 lbs., \$6.00.

38. **KENTUCKY WONDER.** (Old Homestead.) Without doubt the most popular and useful of the green podded pole beans and by far the most widely grown. The vines are very vigorous and productive, and bear large clusters of big round pods, about 9 or 10 inches long, curved, tender, very fleshy and of fine quality. One of the very best. Pkt., 10c; lb., 40c; 2 lbs., 70c, postpaid. By express, 7½ lbs., \$2.15; 15 lbs., \$3.75; 30 lbs., \$6.50.

35. **BEST OF ALL POLE.** (White Creaseback.) This bean resembles the Kentucky Wonder in its growth and general appearance. The vines grow tall, are productive, and noted for the extremely short time in which they perfect the pods. The pods are long, round, straight and stand shipping better than any other pole beans. Pkt., 10c; lb., 45c; 2 lbs., 80c, postpaid. By express, 7½ lbs., \$2.00; 15 lbs., \$3.50; 30 lbs., \$6.00.

36. **LAZY WIFE.** A popular pole bean, so named because easy to harvest. Stringless, good flavor, pods dark green, broad, 4½ to 6 inches long. Each pod contains 6 to 8 round white beans. A good yielder. Pkt., 10c; lb., 45c; 2 lbs., 80c, postpaid. By express, 7½ lbs., \$2.25; 15 lbs., \$3.90; 30 lbs., \$6.75.



Tennessee Green Pod.

39. **SCARLET RUNNER.** A double purpose bean; while the flat, dark green pods are of excellent quality for the table, the Scarlet Runner is mostly grown in America for its ornamental flowers. The vine is large, graceful and leafy, and, with the bright scarlet flowers, makes a fine porch vine. Pkt., 10c; lb., 40c; 2 lbs., 70c, postpaid. By express, 7½ lbs., \$2.00; 15 lbs., \$3.50; 30 lbs., \$6.00.

## LIMA BEANS

34. **★BURPEE'S IMPROVED BUSH LIMA.** Early, large and productive. The bush is vigorous in growth, upright and has a heavy foliage. Pods are uniform in size, with an average of five beans to a pod. Beans are large, thin skinned and of fine flavor. The pods are borne in clusters and are easily gathered. Pkt., 10c; lb., 50c; 2 lbs., 90c, postpaid. By express, 7½ lbs., \$2.75; 15 lbs., \$4.80; 30 lbs., \$8.25.

34½. **FORDHOOK BUSH LIMA.** An improved dwarf lima with plants growing erect and bearing well above the ground. The pods are medium green in color; from four to five inches long, and produced in large clusters; they contain from 3 to 5 large beans each and are of fine quality. The beans are large, white, with greenish tinge, thick and meaty. Fordhook Bush Lima is the most prolific of all the bush varieties. Pkt., 10c; lb., 55c; 2 lbs., \$1.00, postpaid. By express, 7½ lbs., \$4.00; 15 lbs., \$7.00; 30 lbs., \$12.00.

31. **HENDERSON'S BUSH LIMA.** The plant is small, attaining a height of from 12 to 15 inches, is compact, bushy, hardy, early and moderately productive. Pods are rather small, straight, three to four seeded, and dark green. Pkt., 10c; lb., 40; 2 lbs., 70c, postpaid. By express, 7½ lbs., \$3.00; 15 lbs., \$5.25; 30 lbs., \$9.00.

30½. **DREERS POLE LIMA.** This variety of Lima is desirable on account of earliness and productiveness. The plants are vigorous and covered with large pods, many of which contain four beans each. The beans are oval in shape, thick, sweet and succulent. Pkt., 10c; lb., 45c; 2 lbs., 80c, postpaid. By express, 7½ lbs., \$2.65; 15 lbs., \$4.50; 30 lbs., \$8.00.

33. **FORD'S MAMMOTH PODDED.** 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, excellent for use green or dry. The vines grow vigorously, set the beans early, and continue to bear until frost. Pkt., 10c; lb., 45c; 2 lbs., 80c, postpaid. By express, 7½ lbs., \$2.65; 15 lbs., \$4.50; 30 lbs., \$8.00.

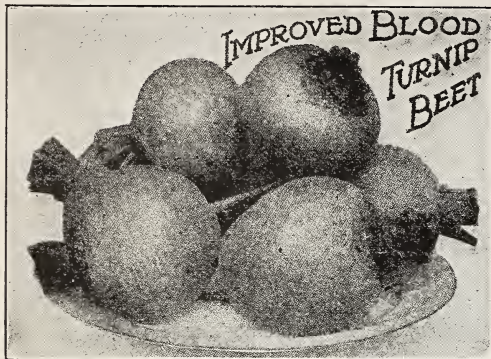
32. **KING OF THE GARDEN.** A well known and popular variety with vigorous and productive vines. The flat, broad pods are very large, 4 or 5 inches long, and contain 4 or 5 very large white beans of fine quality. They are easily shelled, and their fine appearance makes favorites with market gardeners. Pkt., 10c; lb., 50c; 2 lbs., 90c, postpaid. By express, 7½ lbs., \$2.65; 15 lbs., \$4.50; 30 lbs., \$8.00.

33½. **CARPENTERIA.** One of the very best of the limas. A strong vigorous grower, it produces an abundance of fine, large, medium green pods. These are broad and long and usually filled with four very large beans, much thicker than most limas, and with a decided greenish tint, an indication of best quality. Pkt., 10c; lb., 40c; 2 lbs., 70c, postpaid. By express, 7½ lbs., \$2.65; 15 lbs., \$4.50; 30 lbs., \$8.00.

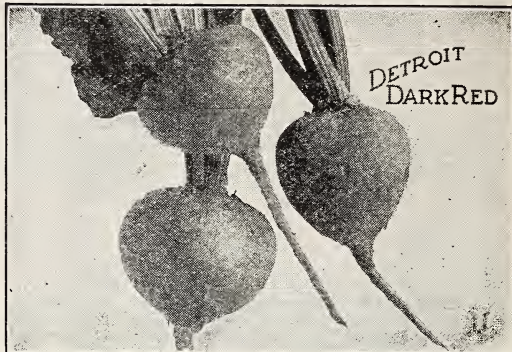
# BEETS

The best soil for beets is a deep, sandy loam, thoroughly enriched with manure. For early beets, plant as early in the spring as the ground can be worked. Plant the main crop during the first week in May, while for winter beets, plant in June. Seed should be planted about  $\frac{3}{4}$  inch deep.

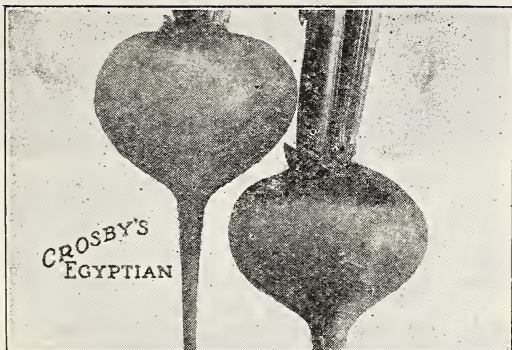
Each packet contains enough seed to plant 12 to 15 feet of drill; one ounce to fifty feet; 5 to 6 pounds to the acre in drills.



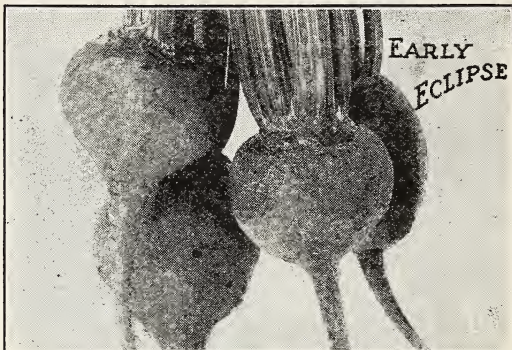
**41. ★OLDS' IMPROVED EARLY BLOOD TURNIP.** A fine dark-red beet, remarkably even in size and appearance, and ready for use fifty days from planting. By far our largest seller. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00, postpaid.



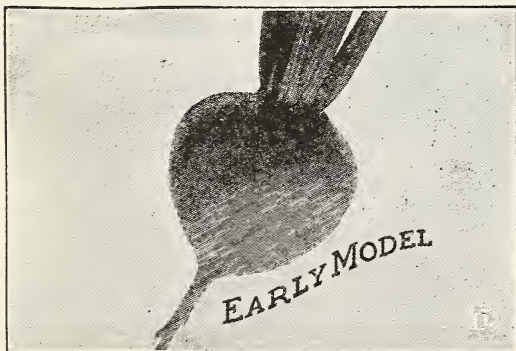
**48. DETROIT DARK RED.** A good main crop beet, globe shaped, smooth and symmetrical. Dark crimson in color. Quality the best. Probably the most widely grown beet for commercial canning. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00, postpaid.



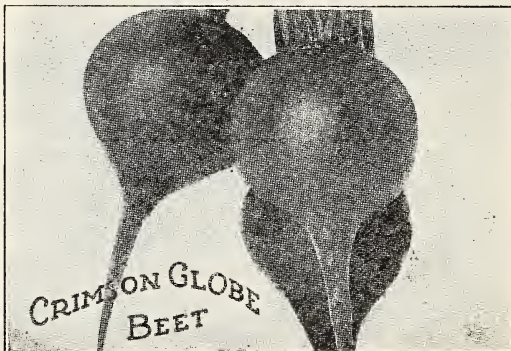
**51. GROSBY'S EGYPTIAN.** One of the earliest of beets. Good shape and color. Excellent quality; early but not recommended for winter storing. A favorite with market gardeners. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00, postpaid.



**44. EARLY ECLIPSE.** As early as the Egyptian but more desirable because of its globe shape, smoothness and regularity. It is sweet and tender and of a dark red color. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00.

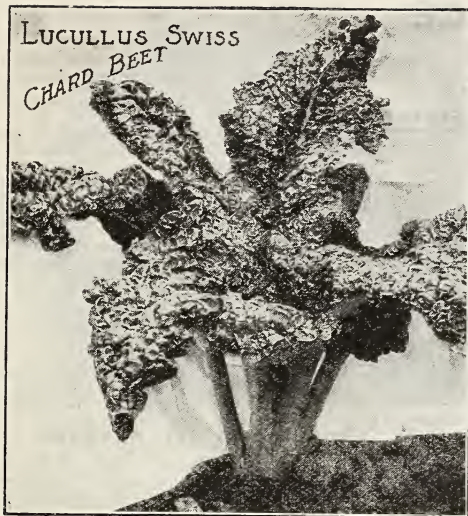


**45. ★EARLY MODEL.** The earliest beet except Fireball. Globe shaped, with small tip roots. The color of the flesh is very dark red, which makes it splendid for pickling. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.10.



**52. ★CRIMSON GLOBE.** A very fine main crop table and market variety. Medium in size, early and handsome, with small dark foliage. Unequaled for table use. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00, postpaid.





52½. **★LUCULLUS SWISS CHARD.** The best variety of swiss chard. Plants grow from two to two and one half feet high, with broad, thick white stalks like those of rhubarb. The crisp, tender, crumpled leaves are cooked like spinach and are finer flavored. The stalks are prepared like asparagus. Very prolific and good all summer. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.00, postpaid.

49. **MARKET GARDENERS'.** This is one of the best for both market gardeners and home garden. It is very symmetrical with small tap root, and few fibrous roots. A beautiful blood red outside, cooking to a handsome, uniform color; fine grained and unsurpassed in quality. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c, postpaid.

42. **EDMAND'S BLOOD TURNIP.** A handsome, clean, turnip-shaped beet, of deep blood red, sweet, tender and solid. A good keeper with small top, symmetrical and just the right size. Its uniformity makes it a favorite with market gardeners. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c, postpaid.

## MANGELS AND SUGAR BEETS.

Highly nutritious and easily stored for winter. Greatly relished by all kinds of live stock. One ounce sows 100 feet of drill. Five pounds sows an acre. Yields of 15 to 20 tons of roots per acre are not unusual.

55. **★MAMMOTH LONG RED.** The heaviest cropping and largest of all mangels, and the most widely used. The roots frequently grow two feet or more long, with ½ to ¾ of their length above ground. Skin bright red; flesh white with rings of pink. Oz., 10c; ¼ lb., 20c; lb., 75c; 5 lbs., \$3.50, postpaid.

56. **GOLDEN TANKARD.** The best yellow-fleshed mangel in cultivation. Contains a larger percentage of sugar than the red mangels. Has a small tap-root and grows largely above ground. Can be grown closely in rows and yields enormously. Oz., 10c; ¼ lb., 20c; lb., 65c; 5 lbs., \$3.00, postpaid.

59½. **★DANISH SLUDSTRUP.** This new mangel has attained the highest honor in agricultural circles in Denmark where mangels are as important as corn is here. Sludstrup has a long reddish-yellow root, growing more than half above ground; is easily harvested. It excels any other variety in weight, feeding value, and yield. Oz., 10c; ¼ lb., 25c; lb., 90c; 5 lbs. \$4.00, postpaid.

63. **GIANT HALF-SUGAR.** One of the most valuable for feeding stock. It combines the large size of the mangel with the great feeding value of the sugar beet. Oz., 10c; ¼ lb., 25c; lb., 70c; 5 lbs., \$3.25, postpaid.

59. **GIANT ECKENDORF.** This mangel contains a large amount of nutritive matter and is a very heavy yielder. The immense roots often weigh from 15 to 20 pounds each. Oz., 10c; ¼ lb., 20c; lb. 65c; 5 lbs., \$3.00, postpaid.

61. **KLEIN WANZLEBEN SUGAR.** Largely grown for sugar. The root is straight and even. A heavy yielder and very rich in sugar. Oz., 10c; ¼ lb., 20c; lb., 65c; 5 lbs., \$3.00, postpaid.

62. **VILMORIN'S IMPROVED SUGAR.** An improved French variety; very rich, usually containing as high as 16 per cent of sugar. Oz., 10c; ¼ lb., 20c; lb., 65c; 5 lbs., \$3.00, postpaid.

## BRUSSELS SPROUTS.

65. **OLDS' NEW DANISH.** The plants are strong and robust, and the stalks large, thick and close-jointed. But the most desirable feature is that almost the whole stalk is covered and the sprouts at the bottom of the stalks are as fine and solid as those further up. Pkt., 5c; oz., 20c; ¼ lb., 65c, postpaid.

**CULTURE.** The same as for cabbage. The sprouts resemble small cabbages growing closely on the stalk of the plant.



40½. **★OLDS' EARLIEST FORCING.** (Fireball). A new globe shaped beet, extra early in season and of value for forcing. The firm, smooth, round roots of bright red look like large radishes. Like radishes, also, they grow quickly and often measure two inches in diameter at 45 days from sowing. Just as good for out-door planting as under glass. It is a beet for the market grower or the home gardener who delights in getting ahead of his neighbors. High table quality, sweet and succulent. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.10, postpaid.

45½. **OLDS' DANISH HALF LONG.** A big olive shaped beet. The roots grow quickly and can be used when quite small. It is a splendid market garden variety, because the roots are attractive and of uniform size. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c, postpaid.

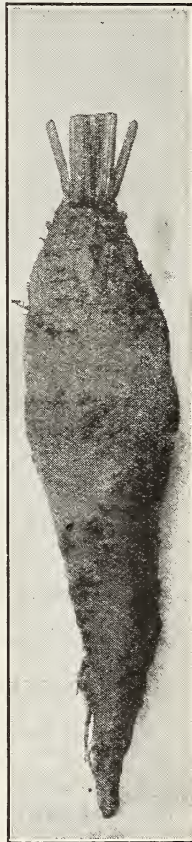
46. **HALF LONG BLOOD.** This variety is becoming very popular because it outyields the turnip shaped beets. It produces more bushels per given area. It is an excellent second early variety and a good keeper; roots smooth and deep red in color. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c, postpaid.

47. **LONG SMOOTH BLOOD RED.** This old variety is one of the best and most popular table beets, especially for autumn and winter use. Flesh purplish-red; excellent keeper; good yielder. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c, postpaid.

40. **EARLY EGYPTIAN.** One of the very earliest, with small tops, and small, flat, uniform, deep-red roots. Early Egyptian is a fine forcing beet, but is excellent also for the first, early, out-door crop. The roots are handsome, moderately thick, somewhat rounded on top and flatter on the bottom. The flesh is dark red, firm, crisp, tender and sweet. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.00, postpaid.

50. **COLUMBIA.** A superb, early main-crop beet. The roots are clean, handsome and turnip shaped, growing 3 to 4 inches in diameter. The skin is smooth and free from rootlets, the flesh is a fine, deep, blood-red. It retains its fine quality and freedom from woodiness throughout its growth. Excellent for winter use, keeping in perfect condition until spring. Pkt., 5c; oz. 10c; ¼ lb., 30c; lb., 90c, postpaid.

54. **MIXED BEET SEED.** This is a mixture of our best named varieties, prepared by ourselves here in our own plant, and giving you an excellent assortment without putting you to the expense of buying them separately. You will find it valuable, inexpensive and mighty interesting. Pkt., 3c; oz., 8c; ¼ lb., 25c; lb., 75c, postpaid.



Mammoth Long Red.

# CABBAGE

For late cabbage, sow the seed in May and transplant late in June or early in July. Soil for Cabbage should be rich heavy loam, well drained and generously manured. Each packet contains enough seed to produce 500 plants; one ounce will produce 3,000 plants; 4 ounces enough for one acre.

## WISCONSIN DISEASE RESISTANT SEED.

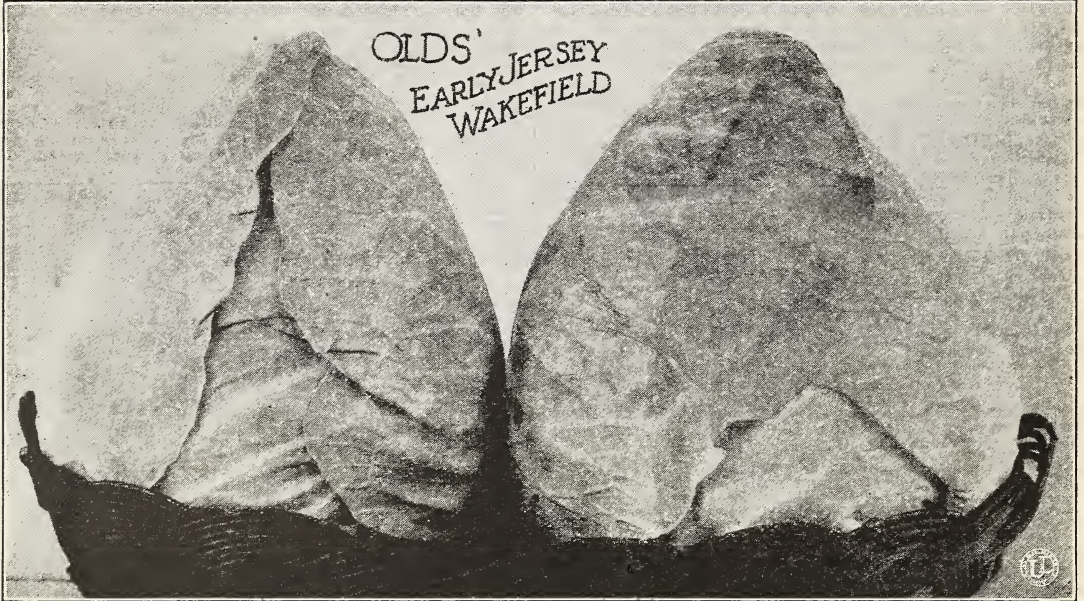
The accompanying photograph of a field at Racine, Wisconsin, shows a test row of cabbage from good commercial seed in the center of a field of disease-resistant cabbage. A very few plants out of hundreds set out, survived in this row. No clearer demonstration of the value of resistant seed in districts affected by yellows could be given. Racine and Kenosha are in the heart of the oldest cabbage section in Wisconsin, but a few years back, cabbage growing had been practically abandoned there because the soil had become so badly



infected with this destructive fungus, that a satisfactory stand could no longer be secured. Then, after years of experiment and study, Professor L. R. Jones of the Department of Plant Pathology of the University of Wisconsin, selected three strong heads of the Danish Ballhead or Hollander variety, which were apparently immune to yellows. The seed from these were planted, and extensive field tests proved the plants from this seed to be as resistant as were the first three. Thus, after years of effort, was Wisconsin Disease Resistant Seed established. By its use many infected districts,

80%. **★WISCONSIN HOLLANDER NO. 8** or (Wisconsin Danish Ballhead). The same as No. 85 described on the following page, except that it is disease resistant. The supply of authenticated seed is limited this season. Pkt., 25c; ½ oz., 70c; oz., \$1.25; ¼ lb., \$4.00; lb., \$15.00, postpaid.

abandoned for cabbage growing, are now producing again. **76. ★WISCONSIN ALL SEASONS.** The same as No. 80 described on the following page, except that it is disease resistant. The supply of authenticated seed is limited this season. Pkt., 25c; ½ oz., 70c; oz., \$1.25; ¼ lb., \$4.00; lb., \$15.00, postpaid.



**70. ★EARLY JERSEY WAKEFIELD.** Days to maturity, 90. The best known and most popular extra early cabbage in cultivation; in fact more seed of this variety is planted in the United States than all others of the same type together. The head is very solid, comparatively small and running to rather a small point at the top. One of the very best for a main early crop. The quality is excellent, but as is the case with most quick maturing vegetables, it will not hold long after attaining its growth, and is likely to break open after about two weeks. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50, postpaid.

**72. ★CHARLESTON WAKEFIELD.** About one week later than Early Jersey Wakefield, but the conical heads are broader and larger. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.25, postpaid.

**82½%. ★EARLY WINNIGSTADT.** Very early. Heads pointed like the Wakefields. The leaves are dark green and very tightly folded making it the hardest of any early cabbage. Heads regular, solid and conical; keeps well both summer and winter. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.25, postpaid.

**84½%. ★COPENHAGEN MARKET.** (Illustration next page). Undoubtedly the most valuable cabbage of recent introduction, maturing but a few days later than Jersey Wakefield; valuable for both home and market garden. A further valuable feature is its habit of maturing the heads all at the same time. Our seed is the best strain.—Danish grown. Pkt., 10c; oz., 30c; ¼ lb., 95c; lb., \$3.25, postpaid.

**88½%. ★GLORY OF ENKHUIZEN.** (Illustration next page). A very valuable introduction from Holland,

and an important addition to the list. It is valued for its earliness, size, keeping qualities and flavor. Heads medium, round, handsome with few outer leaves. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$3.00, postpaid.

**75. ★ALLHEAD EARLY.** Earlier than any other large cabbage, larger than any other early cabbage. Heads deep, flat, and solid. If but one variety of cabbage is planted, probably Allhead Early is the best for all purposes. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$2.25, postpaid.

**81. ★EARLY SUMMER.** Medium size, round, somewhat flattened heads of excellent quality, weighing 8 or 10 pounds or double the weight of Jersey Wakefield, while maturing only about 10 days later. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00, postpaid.

**80. ★ALL SEASONS.** A little later than Early Summer but twice its size. The heads seldom crack open. The safest for the amateurs, a favorite with the market gardeners and the most used of any by the canners. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.25, postpaid.



83½. **CHINESE OR GELERY CABBAGE.** (Pe Tsai.) This plant does not form a solid head like cabbage, but grows a long, loose head somewhat like Cos Lettuce. It may be served like lettuce, as cold slaw or like Spinach. It is very mild and a real delicacy. Sow in July; early plantings run to seed. Pkt., 10c; oz., 30c; ¼ lb., \$1.00; lb., \$3.00, postpaid.

78. **SUREHEAD.** Large, round, flattened, uniform heads, very hard, firm and solid and weighing from 10 to 15 pounds each. A sure header, a good shipper and a good keeper. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

77. **SUCCESSION.** (Henderson's.) About a week later than Early Summer but much larger. The heads are hard, solid, flat and of good quality. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00, postpaid.

74. **VOLGA.** (Early Stonehead.) A second early, firm crop cabbage with short stem and firm, deep heads, uniformly round and solid. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$2.00, postpaid.

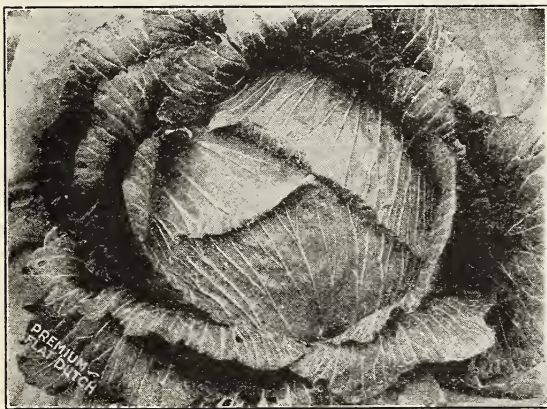
84. **FOTTLER'S IMPROVED BRUNSWICK.** An ideal second early of the Drumhead type. It is short-stemmed and compact with large flat, solid heads of excellent quality. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00, postpaid.

88. **FILDERKRAUT.** An old standard second early with pointed heads of the Wakefield type, but larger and later. On account of its size and texture it is an excellent and much used kraut variety. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00, postpaid.

83. **PERFECTION DRUMHEAD SAVOY.** The best variety of Savoy or crumpled leaf cabbage. The plant is vigorous, with short stem, has densely crumpled leaves and when touched with frost is sweet, delicate and delicious. The heads are large and very solid. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00, postpaid.

89. **MAMMOTH ROCK RED.** The best, largest and surest heading red cabbage; used largely for pickling. The plant is large with spreading leaves. Heads are late in maturing, round, solid and of a very attractive deep red color, averaging from ten to twelve pounds in weight. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$3.00, postpaid.

79. **BRIDGEPORT DRUMHEAD.** The largest cabbage of all. There is little outer foliage, the leaves all folding closely about the mammoth heads which sometimes attain a weight of twenty to thirty pounds. A fine winter cabbage. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00, postpaid.



86. **DANISH SUMMER BALLHEAD.** A superb second early. Similar to Danish Ballhead (see No. 85), but smaller and somewhat flattened on top; outer leaves inclined to curl, ribs small, flavor delicate and suggestive of Savoy cabbage. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00, postpaid.

82. **★PREMIUM LATE FLAT DUTCH.** The most popular garden variety and one of our greatest sellers. This old favorite is low growing with large bluish-green heads, round and solid, and broad and flat on top. It is an excellent fall and winter variety, and a good keeper. One of the surest to head and a most satisfactory cabbage. The best winter variety for the home gardener. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.25.



85. **★HOLLANDER OR DANISH BALL-HEAD.** The great commercial cabbage, and the best shipper. Especially valued for its solidity and great keeping qualities. It is the most largely grown variety in America for the winter markets. The heads weigh more for their size than any other variety, but are not large, averaging about seven to ten pounds. They are round as a ball, solid, fine-grained with few outside leaves; crisp, tender and sweet and unsurpassed for table use. This variety has been bred and perfected for fifty years by the Danish growers under the supervision of the Danish Government, and our seed is produced by one of the best of the Danish growers. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$2.75, postpaid.

# CAULIFLOWER

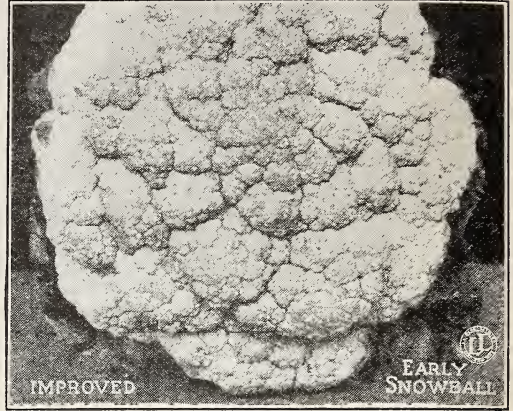
**CULTURE.** Similar to cabbage. Use a deep, rich soil, liberally supplied with manure and hoe frequently to keep a good dust mulch. Each packet contains enough seed to produce 200 plants. An ounce will plant 40 square feet and produce 3,000 plants. Three to four ounces is enough for an acre.

93. **★DRY WEATHER.** The best all-purpose Cauliflower for every kind of soil. It produces large, solid, pure white heads. It matures about a week later than our Improved Early Snowball, and is especially adapted for growing in a dry location. Pkt., 20c; ¼ oz., 75c; oz., \$2.00; ¼ lb., \$7.50, postpaid.

90. **★IMPROVED EARLY SNOWBALL.** Undoubtedly the earliest, best and most popular variety either for the home or market garden. The medium sized, snow-white heads (six to ten inches in diameter) are firm, compact and solid, with few short, upright leaves; also admirably adapted for forcing. Our seed comes from one of the best Danish growers and is equal to any strain of Snowball on the market. Pkt., 20c; ¼ oz., 75c; oz., \$2.00; ¼ lb., \$7.50, postpaid.

94. **AUTUMN GIANT.** One of the finest late varieties. Heads large, compact and thoroughly protected by the leaves. A vigorous grower. Pkt., 10c; ¼ oz., 20c; oz., 65c; ¼ lb., \$2.00, postpaid.

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. Pkt., 20c; ¼ lb., 75c; oz., \$2.00; ¼ lb., \$7.50, postpaid.



# CARROT.

100. **★DANVERS HALF LONG.** A splendid orange carrot grown for its productiveness, table quality, and adaptability to all soils. One of the best and most desirable for home or market garden. Roots 6 to 8 inches long, tapering uniformly to a blunt point. Flesh deep orange, tender and of excellent quality. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.00, postpaid.

103. **★OXHEART.** The best all-around carrot. Very thick, 5 inches long, nearly as broad, and very blunt at the lower extremities. Equally good for table use or stock. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00, postpaid.

104. **★EARLY CHANTENAY.** An early main crop variety and one of the best for table use. Used extensively by market gardeners and while primarily a table carrot, it is also profitable for stock. A good keeper. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00, postpaid.



Danvers Half Long.

105. **EARLIEST FRENCH FORCING.** The earliest variety; best for forcing; roots almost round, about 2½ inches through. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.25, postpaid.

108. **OLDS' HALF LONG STUMP ROOTED.** For smoothness, even shape, absence of rootlets and small tap root, this carrot is unsurpassed. It is early and one of the best for summer use. Roots 6 to 8 inches long, nearly cylindrical and blunt. Red flesh, sweet and mild. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.00, postpaid.

102. **OLD'S IMPROVED LONG ORANGE.** A well known standard variety, roots long, thick at the crown and tapering regularly to a point; color deep orange, suitable for both table and field crop. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.00.

112. **MASTODON.** The heaviest cropper, yielding more tons to the acre than any other carrot. Easily harvested. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.

110. **LARGE WHITE BELGIAN.** This large stock carrot grows a third or more of its length above the surface. The roots will average 2 inches in diameter at the shoulder and a foot or more in length. The diameter is even throughout its entire length, the roots tapering gradually at the base. They are easily pulled in harvesting and do not have to be dug out like most long-rooted kinds. Flesh and skin pure white. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c, postpaid.

111. **LONG ORANGE BELGIAN.** For stock. Orange colored roots. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c, postpaid.

## CHICORY.

130. **LARGE ROOTED.** Fine for salads, with oil and vinegar. The roots make a good substitute for coffee. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00, postpaid.

130½. **WITLOOF.** (French Endive.) A delicious winter salad, sometimes called French Endive. Grown for its delicate, tender shoots. The roots can be planted in boxes in the house during the winter and forced. The leaves can be eaten either raw or cooked. Pkt., 10c; oz., 25c; ¼ lbs., 65c; lb., \$2.00, postpaid.

## COLLARDS

132. **GEORGIA.** A Southern cabbage. Large, loose heads. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.00, postpaid.

## CORN SALAD

133. **LARGE SEEDED.** A fine salad and a good substitute for lettuce. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.50, postpaid.

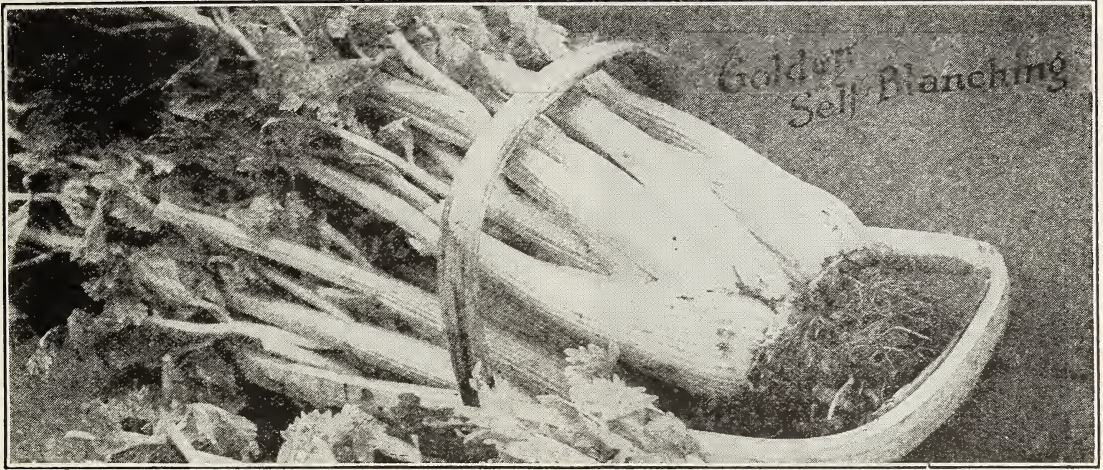
## CRESS

134. **EXTRA CURLED.** (Pepper Grass.) The best variety. Every one should sow a little for early spring use. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.60, postpaid.

# CELERY

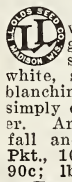
**CULTURE.** Since celery seed is slow to germinate, ample time must be given. Sow thinly in hot-bed or cold-frame; cover lightly. As soon as the plants are about three inches high, clip the tops or transplant to make stocky plants. When about 8 inches high set about 6 inches apart in rows about 3 or 4 feet apart. Never hoe or work about celery stand, when covered with dew or when the weather is moist, or rust will result. For winter use bank the plants where they stand, in the fall, without lifting.

Each packet contains enough seed to produce 1,000 plants; one ounce will produce 7,500 plants; one fourth pound enough for an acre.



**117. ★GOLDEN SELF-BLANCHING.** (American Grown.) The leading early and for many years of first importance to celery growers. Plants, stocky and robust and of compact habit; stalks, heavy and solid, with large, stringless, close-set ribs; heart a fine golden yellow and remarkably crisp and tender. Golden Self-Blanching is the earliest to mature, not liable to blight and a good keeper and shipper. The best known, most grown, most wanted celery on the market today, and by far our biggest seller. Pkt., 10c; oz., 50c; ¼ lb., \$1.75; lb., \$6.00, postpaid.

**117½. GOLDEN SELF-BLANCHING.** (French grown.) Many professional growers and shippers prefer seed grown in France since this variety originated there, and the French seed growers are noted for their thoroughness and reliability. Pkt., 15c; oz. 80c; ¼ lb., \$2.70; lb., \$10.00, postpaid.



**115. WHITE PLUME.** Olds' Select. The best of the early white varieties. A great favorite. Its stalks are naturally white, so that the work of blanching is accomplished by simply drawing them together. An excellent sort for fall and early winter use. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$3.00, postpaid.



**115½. EASY BLANCHING.** The earliest except Golden Self-Blanching, which it resembles. However it is more hardy, is less liable to blight, has green foliage and the stalks blanch white instead of yellow; an excellent keeper; quality the best. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$3.00.



**121. ★WINTER QUEEN.** One of the best and most desirable winter varieties. Of medium height, broad, light green stalks; very solid and crisp; blanches creamy-white. Pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$2.50, postpaid.



**118. GIANT PASCAL.** A standard fall and winter variety, but not a good shipper on account of its tender stalks. This fact, however recommends it as a home-garden or home-market variety. The stalk is of medium length, and blanches to an appetizing creamy-white color; is very thick and nearly round, but flattened toward the base. Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., \$2.25, postpaid.

**120. DWARF GOLDEN HEART.** Not only is this variety popular for the home garden, but it is also extensively grown in many celery producing districts. It is a distinct and handsome variety, showy, solid and attractive with a crisp, firm, golden-yellow heart. Pkt., 10c; oz. 25c; ¼ lb., 75c; lb., \$2.25, postpaid.

**125. CELERIAC, NEW GIANT PRAGUE.** An easily grown vegetable that deserves a place in your garden. It forms a turnip-shaped root about 2 inches in diameter, with the flavor of fine celery. Splendid for soup, stews, salad, etc. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$2.00, postpaid.

# SWEET CORN.

For a continuous succession, plant every two weeks until July 10th. Each packet contains enough seed to plant 25 to 30 hills. Ten pounds will plant an acre in hills. We especially recommend those marked with a star.

**THE SWEET CORN CROP OF 1924 WAS LIGHT, AND GOOD SEED IS SCARCE AND HIGH. WRITE FOR LARGE AMOUNTS.**

Do not plant Sweet Corn deeper than 1½ inches.



**135½. ★EARLY JULY.** We have now been growing this new sweet corn for four years, and the better we get acquainted with it, the better do we like it. We find it, not only the earliest of all sweet corn, but is a much better corn than most extra earlies. On our own place we find Early July ready for use sixty days after planting. In a recent test on our trial grounds, in comparison with a number of other extra earlies for which much was claimed, Early July was ready for the table first. The next earliest one, introduced by an eastern seed house, was only a couple of days later, but it was less tender and sweet.

Early July is ready to use about 10 to 12 days ahead of Golden Bantam and has larger ears. A valuable feature is its habit of producing two or three and frequently as many as four or five good ears on one plant. Still another feature is that, because of the smallness of the plant, not only may the hills be planted very close in the row, but as many as seven or eight kernels may be planted in one hill, each producing a good plant, with its full quota of marketable ears. Thus the yield per hill is often as much as twenty to thirty good ears, and the yield per acre on our place was found to be so far beyond our expectations, that we could scarcely believe our records. Pkt., 10c; lb., 40c; 2 lbs., 70c, postpaid. By express, 5 lbs., \$1.40; 10 lbs., \$2.25; 25 lbs., \$5.35.

**136. MAMMOTH WHITE CORY.** The popularity of this extra early is due to three important characteristics—Earliness, Size and Sweetness. One of the very earliest sweet corns, the ears longer than most varieties of its class, and with from two to four more rows of kernels to the cob. The grains are of medium size, white and of good quality. The stalks grow rapidly to about 5 feet in height, and average two ears to a plant. It was named Mammoth White Cory because the ears are so large for an extra early, though they are smaller than the second early and late varieties. Pkt., 10c; lb., 40c; 2 lbs., 70c, postpaid. By express, 5 lbs., \$1.50; 10 lbs., \$2.50; 25 lbs., \$6.00.

**143. CROSBY'S EARLY.** Twelve rowed. A second early variety, deservedly prized by many planters as one of the sweetest. Ears about 7 inches long, kernels of excellent quality, closely set. Besides its popularity as a table variety, it is one of the very best for canning. Pkt., 10c; lb., 35c; 2 lbs., 60c, postpaid. By express, 5 lbs., \$1.40; 10 lbs., \$2.35; 25 lbs., \$5.65.

**142½. BANTAM EVERGREEN.** Many attempts have been made to combine the sweetness, earliness, color and flavor of Golden Bantam, with the tender skin and large ear of the Evergreen. The Bantam Evergreen is the only really successful cross. It has retained many of the excellent qualities of both parents, being more productive than Golden Bantam and much earlier than Evergreen. Pkt., 10c; lb., 50c; 2 lbs., 90c, postpaid. By express, 5 lbs., \$1.70; 10 lbs., \$3.00; 25 lbs., \$7.25.

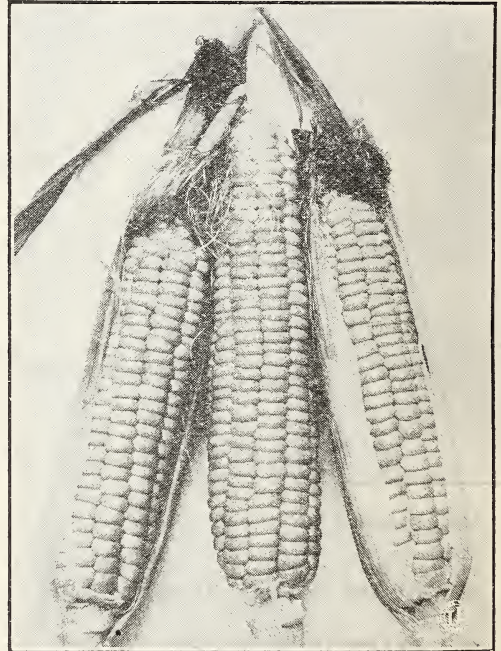


**145. ★OLDS' EARLY EVERGREEN.** An extra fine strain of Stowell's Evergreen with ears nearly as large, yet ready for the table 7 to 8 days earlier. It retains the fine sugary flavor and tenderness of kernel that have made the Evergreens popular. Pkt., 10c; lb., 40c; 2 lbs., 70c, postpaid. By express, 5 lbs., \$1.40; 10 lbs., \$2.35; 25 lbs., \$5.65.

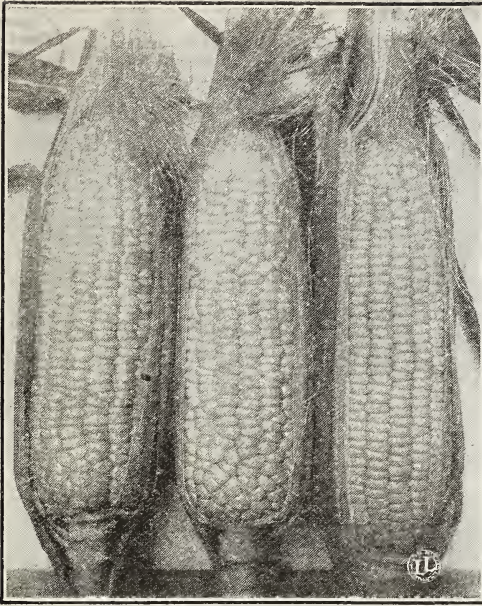
**135. PEEP O'DAY.** Next to Golden Bantam, Peep O'Day is probably the most popular extra early throughout the Northwest, where because of its adaptability to different soils and the many changes in spring weather, its vigor carries it through to early maturity. Peep O'Day produces a large number of suckers, which, unlike many varieties, produce full sized, well formed ears. The stalks are from 3 to 4½ feet high with small foliage, and so may be closely planted. The ears are small, and the kernels, though not large, are of good substance and are very sweet. Pkt., 10c; lb., 40c; 2 lbs., 70c, postpaid. By express, 5 lbs., \$1.50; 10 lbs., \$2.50; 25 lbs., \$6.00.

**138½. ★HOWLING MOB.** This variety is so valuable that it heads the list with many eastern growers. When it was first offered at market by the originator at Toledo, Ohio, it became so popular that crowds gathered around his stand. The demand became so loud and clamorous that it was given its queer but appropriate name. It is one of the best flavored and most tender of all second-early white sweet corns. Pkt., 10c; lb., 50c; 2 lbs., 90c, postpaid. By express, 5 lbs., \$1.55; 10 lbs., \$2.75; 25 lbs., \$6.50.

**142. ★GOLDEN BANTAM.** Everyone likes Golden Bantam. Indeed, many people will not take any other when Golden Bantam is obtainable. The flavor is deliciously distinct, superior to that of any other corn. The small 8-rowed ears, usually less than 6 inches in length and several on a stalk, are perhaps higher in sugar content than any other corn. It is only 10 to 12 days later than Early July, making a good succession when both varieties are planted at the same time. The stalks are usually 4 to 5 feet high with short foliage. Being small they can stand very close together, and thus produce a large crop on a very small area. The kernels are tender, very wide and of good depth, while the cob is small, and the flavor delicious. To have corn at its best, raise it in your own garden. Pkt., 10c; lb., 40c; 2 lbs., 70c, postpaid. By express, 5 lbs., \$1.40; 10 lbs., \$2.25; 25 lbs., \$5.35.



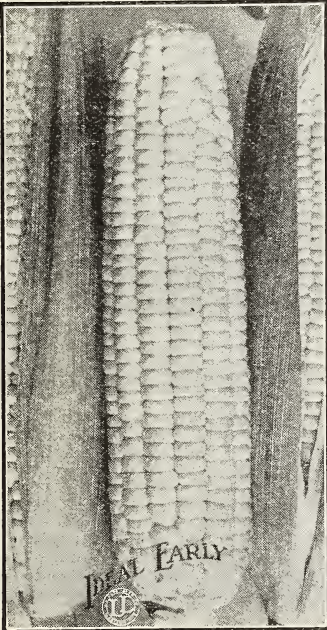
Golden Bantam.



**EARLY CHAMPION.**

139. **★EARLY CHAMPION.** We offer this as the best main crop, second-early sweet corn. Stalks large and leafy, strong growing and dependable. The ears are large and usually two on a stalk. Kernels are large and white and full of milk, 10 to 12 rows to the ear, tender and sweet. An all-round good sweet corn for either home or market garden. It is popular because of its great productiveness. Our largest selling second early. Pkt., 10c; lb., 35c; 2 lbs., 60c, postpaid. By express: 5 lbs., \$1.35; 10 lbs., \$2.25; 25 lbs., \$5.35.

137. **★OLDS' IDEAL EARLY.** A highly bred second early. We are offering here one of the finest and largest-eared types of sweet corn on the market today. The ideal Early withstands drought remarkably well, adapts itself to any kind of soil, producing ears almost as large as those of Stowell's Evergreen. It is exceptionally prolific. Pkt. 10c; lb., 35c; 2 lbs., 60c, postpaid. By express: 5 lbs., \$1.35; 10 lbs., \$2.15; 25 lbs., \$5.10.



**LATE VARIETIES.**

147. **★STOWELL'S EVERGREEN.** The best known and most largely planted of all the varieties. Stowell's Evergreen has proven its worth over and over again, during a period of many years. It makes the largest ear and the most fodder of any sweet corn we list, and the corn is tender, sweet, and of excellent flavor. Its popularity is also due to the fact that it remains long in the milk before ripening up, thereby lengthening its season for table use; hence the name, Evergreen. Because of this characteristic and its great yield and good flavor, Stowell's Evergreen is also a leading canning variety. Pkt., 10c; lb., 50c; 2 lbs., 90c, postpaid. By express: 5 lbs., \$1.70; 10 lbs., \$3.00; 25 lbs., \$7.25.

139½. **★COUNTRY GENTLEMAN.** Often called "Shoe-peg" corn because of the long, narrow, pointed kernels, with their crowded and irregular arrangement on the cob. It is a distinct late variety, with 2 to 5 big ears on a large stalk. A favorite main crop sweet corn, packed from tip to butt with long, pearly-white kernels set closely on a remarkably small cob. It is sweeter and finer flavored than any other white corn and by far the best of the late varieties for table use. Much used by market gardeners and canners because of its yield, high sugar content and its general popularity. Pkt., 10c; lb., 50c; 2 lbs., 90c, postpaid. By express: 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$7.25.

141½. **★GOLDEN CREAM.** A late yellow. A cross of Golden Bantam and Country Gentleman. The result is a yellow Country Gentleman with all the excellent table qualities of the two best varieties for eating. Very sweet and tender. Pkt., 10c; lb., 40c; 2 lbs., 70c, postpaid. By express: 5 lbs., \$1.40; 10 lbs., \$2.40; 25 lbs., \$5.75.

146. **★WHITE EVERGREEN.** Much like Stowell's Evergreen, but rather earlier. The kernels are pure white in color, sweet and tender as are all the Evergreens; remains long in the milk so that it is usable on the table a long time. The stalks are strong, leafy and about 7 feet tall. Ears are very large and well filled. Pkt., 10c; lb., 50c; 2 lbs., 90c, postpaid. By express: 5 lbs., \$1.70; 10 lbs., \$3.00; 25 lbs., \$7.25.

148. **★ZIG ZAG EVERGREEN.** Considered by some authorities as the best of all the late white varieties. Kernels irregularly placed on the cob as in Country Gentleman. Pkt., 10c; lb., 50c; 2 lbs., 90c, postpaid. By express: 5 lbs., \$1.55; 10 lbs., \$2.75; 25 lbs., \$6.50.

140½. **★BLACK MEXICAN.** Everyone who has eaten this delicious variety remembers it as one of the richest flavored and sweetest of sweet corns. Pkt., 10c; lb., 40c; 2 lbs., 70c, postpaid. By express: 5 lbs., \$1.40; 10 lbs., \$2.40; 25 lbs., \$5.75.

**POPCORN.**

150. **★WHITE RICE.** The standard main crop variety. Stalks six feet high bearing several ears to a stalk. Pkt., 10c; lb., 40c; 2 lbs., 70c, postpaid. By express: 5 lbs., \$1.25; 10 lbs., \$2.25.

151. **★QUEEN'S GOLDEN.** The largest variety with ears produced in abundance. A single kernel will expand to a diameter of nearly an inch. Pkt., 10c; lb., 40c; 2 lbs., 65c, postpaid. By express: 5 lbs., \$1.20; 10 lbs., \$2.15.

152. **★RED BEAUTY.** Handsome ears of good size and a favorite with the youngsters for its color. Pkt., 10c.

153. **★MAPLEDALE.** The heaviest yielding variety. The ears are often 8 or 10 inches long. Pkt., 10c; lb., 35c; 2 lbs., 69c, postpaid. By express: 5 lbs., \$1.25; 10 lbs., \$2.25.

154. **★OLDS' NEW BLUE BEAUTY.** An extra early variety. Will ripen anywhere. Pkt., 10c; lb., 40c; 2 lbs., 70c, postpaid. By express: 5 lbs., \$1.30; 10 lbs., \$2.40.

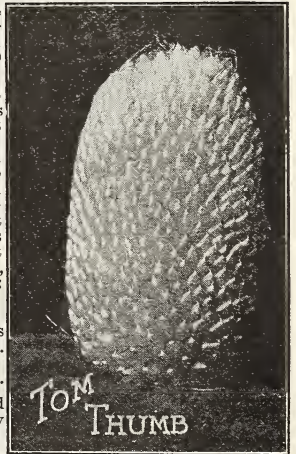
154½. **★TOM THUMB.** Known also as Hulless, Dwarf Rice, Squirrel Tooth, etc. This variety grows very dwarf, and the ears are short and stubby, with long narrow pointed kernels. It is ready for popping soon after it is husked. It is almost hullless and when popped there is no hard center, making it the finest eating of all varieties. Pearly white in color, ears very uniform in size and of peculiar shape. It is fast becoming a favorite in the markets for it is much more tender than White Rice and has just enough yellow tinge to make it look rich. Pkt., 10c; lb., 35c; 2 lbs., 60c, postpaid. By express: 5 lbs., \$1.20; 10 lbs., \$2.15.

"Your July Sweet Corn is just fine and comes on as soon, or sooner than you say in the catalog. Will have a nice patch this year."

W. M. Jordan, Iowa.

"I ordered seeds from you two years ago and never got better seed, as they seemed to, nearly every one, grow. I am well pleased."

Levi Miller, Nebraska.



# CUCUMBER



Each packet contains enough seed to plant 12 to 15 hills. 2 pounds will plant an acre in hills. We especially recommend those marked with a star. Use Bug Death on cucumbers and other vines—Page 93.



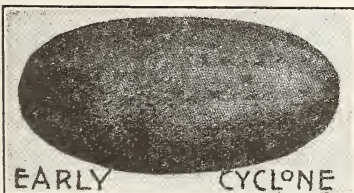
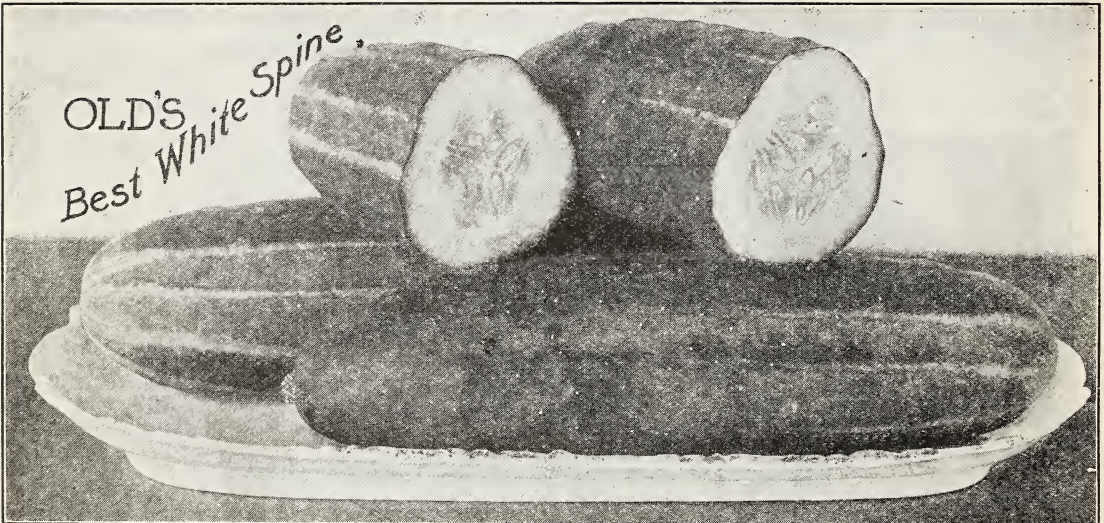
PLEASE ORDER BY NUMBER.



**159½. OLDS' EARLIEST WHITE SPINE.** Our earliest Long White Spine Cucumber. We recommend it especially for its earliness—a week or ten days earlier than Early Fortune. It is also a handsome cucumber; uniform in shape, tapering slightly at both ends; color deep green. Pkt., 10c; oz., 25c; ¼ lb., 50c; lb., \$1.35; 5 lbs., \$6.00, postpaid.

**159. JERSEY PICKLING.** This variety is between the Long and the Short Green, forming a long, slender, cylindrical deep green pickle which is very crisp and tender. The vines are very vigorous and productive. The mature fruits are usually about eight to nine inches in length. This variety is desirable for slicing as well as for pickling. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.30; 5 lbs., \$6.00, postpaid.

**157½. SNOW'S PICKLING.** Rather like the Chicago Pickling, described on the following page, except that it is smaller. It is one of the smoothest, most symmetrical pickle cucumbers we list, and is highly recommended for its uniform, early fruits. It is enormously productive and the square ended cucumbers are very attractive. Length 5½ inches. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.40; 5 lbs., \$6.25, postpaid.

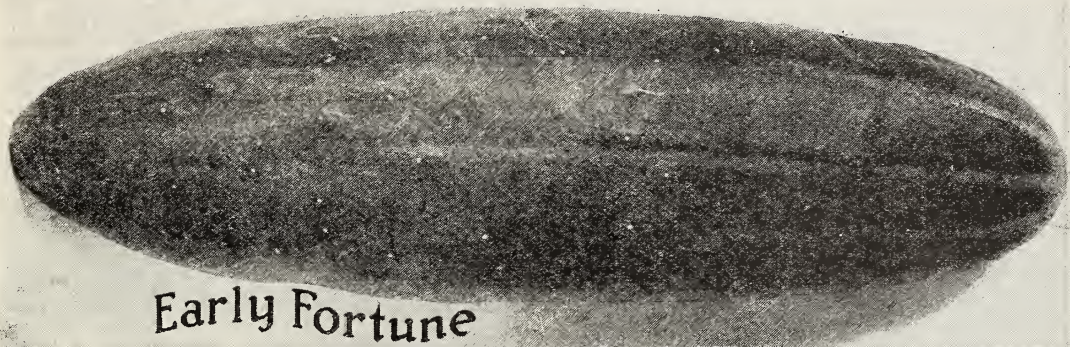


**164. OLDS' SELECT WHITE SPINE.** Our best White Spine; no other variety excels it in quality. An extra early, select strain, almost cylindrical in shape, very productive. Keeps green longer than the older varieties. Grows 7 inches long and most excellent for slicing. Pkt., 10c; oz., 25c; ¼ lb., 50c; lb., \$1.35; 5 lbs., \$6.00, postpaid.

**155½. SNOW'S PICKLING.** (Olds' Special Stock). An early maturing variety. It is small, dark green and very popular with many growers. It resists blight and makes an ideal bottle pickle. Pkt., 10c; oz., 25c, postpaid.

**168. ★EARLY CYCLONE.** The earliest cucumber in cultivation. It is short, thick and deep green in color; very even in size, smooth, tender and crisp. Is hardy, robust and free from disease. Valuable for both slicing and pickling. Pkt., 10c; oz., 30c; ¼ lb., 55c; lb., \$1.50; 5 lbs., \$6.35, postpaid.

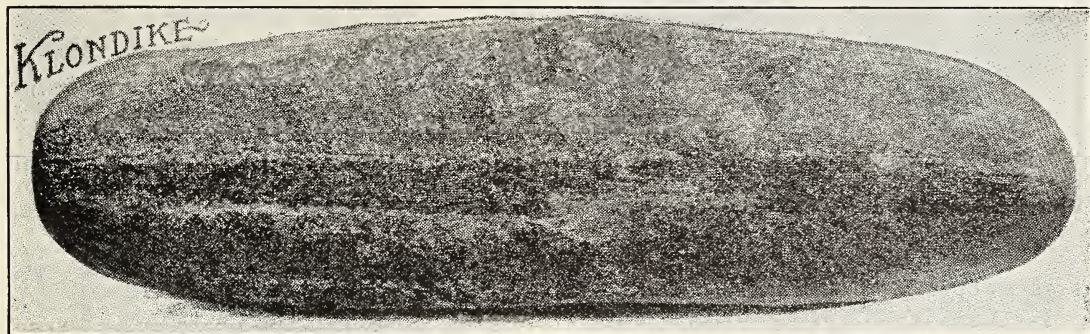




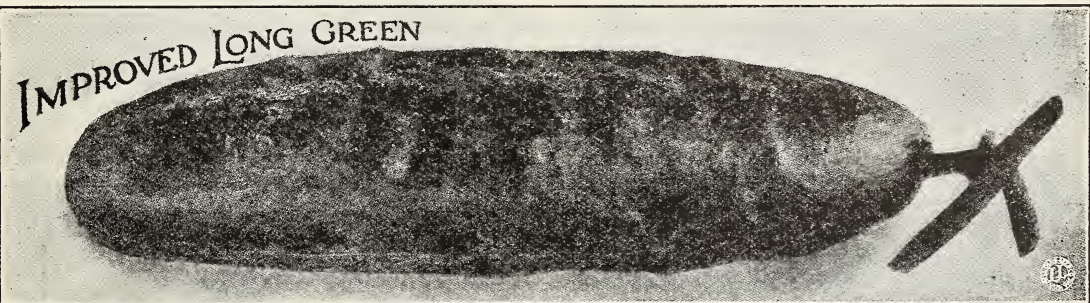
**Early Fortune**

**160½. OLDS' EARLY FORTUNE.** One of the best cucumbers ever introduced; very productive and disease resistant, dark green skin, thick flesh, tender and crisp; fruits nine inches long, slightly tapering and fine for the home garden. Pkt., 10c; oz., 25c; ¼ lb., 50c; lb., \$1.35; 5 lbs., \$6.00, postpaid.

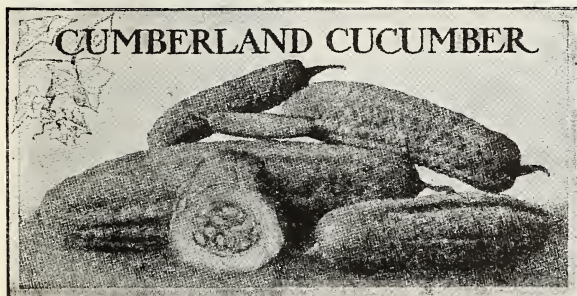
**158. ★OLDS' IMPROVED CHICAGO PICKLING.** One of the best varieties for pickling. A great favorite with all large pickling houses. Of uniform size, productive and good color. Sets its fruits when the vines are quite young. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.40; 5 lbs., \$6.25, postpaid.



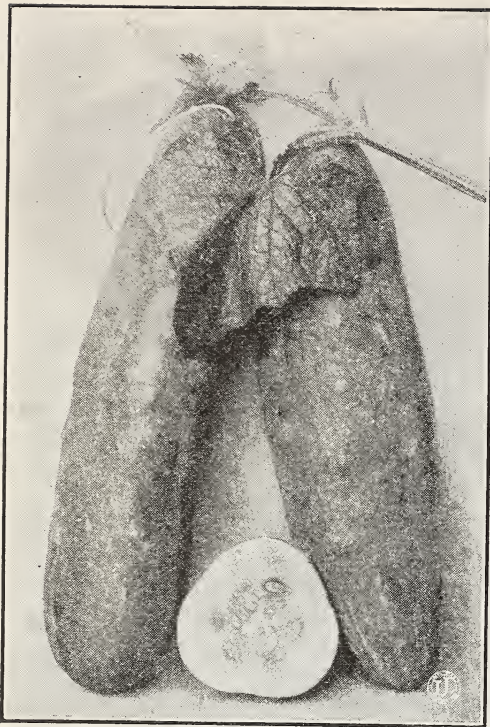
**162½. KLONDIKE.** A white spine variety, excellent for shipping. Medium early, dark green, about 7 inches long. The fruits are thick at the stem end, very attractive in appearance, retaining color and crispness a long time. A wonderful keeper. Pkt., 10c; oz., 25c; ¼ lb., 50c; lb., \$1.40; 5 lbs., \$6.25, postpaid.



**165. OLDS' IMPROVED LONG GREEN.** The standard pickling variety. 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 very good for slicing. The seed we offer is an improved strain. Pkt., 10c; oz., 25c; ¼ lb., 50c; lb., \$1.35; 5 lbs., \$6.00, postpaid.



**163. ★CUMBERLAND.** One of the best all purpose cucumbers 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. The flesh is firm, crisp and tender at all stages. Pkt., 10c; oz., 30c; ¼ lb., 55c; lb., \$1.50; 5 lbs., \$6.25, postpaid.



Fordhook Pickling.

**ENDIVE.**

- 185. **GREEN CURLED.** Dark green leaves; blanches white.
- 186. **WHITE CURLED.** Leaves finely cut and almost white.
- 187. **BROAD-LEAVED BATAVIAN.** Leaves broad and thick. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

**GOURDS.**

- 190. **JAPANESE NEST-EGG.** These resemble hens' eggs in color, form and size.
- 191. **SUGAR TROUGH.** Useful for many purposes.
- 192. **THE DIPPER.** Long, straight or slightly crooked.
- 193. **HERCULES CLUB.** Ornamental as well as useful.
- 194. **ORANGE.** The size and shape of an orange.
- 195. **PEAR-SHAPED.** Striped yellow and green.
- 196. **APPLE-SHAPED.** Beautifully striped.
- 199. **MIXED.** All the above and other varieties mixed. Pkt., 5c; oz., 20c; ¼ lb., 50c; lb., \$1.85.

**EGG PLANT.**

Each packet contains enough seed to produce from 100 to 150 plants. ¼ pound will plant an acre. We especially recommend those marked with a star. PLEASE ORDER BY NUMBER. For offer of Plants—see page 87.

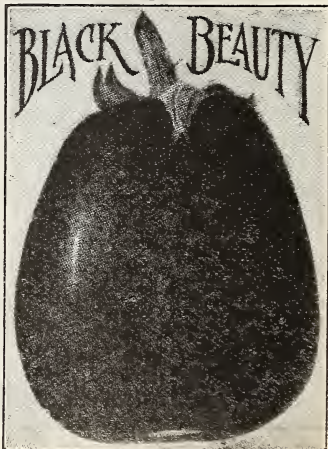


Florida High Bush.

183. **FLORIDA HIGH BUSH.** A new variety of medium size; see illustration. It resists drought and the fruits are held well off the ground on strong upright plants. It is very productive, a good shipper and not as liable to rot as the low bush varieties. Pkt., 5c; oz., 35c; ¼ lb., \$1.50, postpaid.

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 and entirely spineless. Pkt., 10c; oz., 50c; ¼ lb., \$1.75, postpaid.

180. **NEW YORK IMPROVED.** (Spineless). This variety has nearly superseded others both for market and home garden. Plant is spineless, large and spreading, with light green foliage. It usually produces 4 to 6 large, oval, triangular fruits of splendid dark purple color. Pkt., 5c; oz., 40c; ¼ lb., \$1.60, postpaid.



156. **EARLY GREEN CLUSTER.** A small variety, about 6 inches in length, very early, prolific and uniform. The skin is smooth and the ends taper slightly. The most popular of the early pickling cucumbers. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.30; 5 lbs., \$5.50, postpaid.

157. **FORDHOOK PICKLING.** This variety, too, is early, prolific and desirable, and grows about 8 inches long. It is very handsome when in the slicing stage and is slightly curved across the top. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.30; 5 lbs., \$5.50, postpaid.

169. **★DAVIS PERFECT.** A long, smooth cucumber with tapering ends. The most popular of the white spine strains. A shy seeding variety. Quality is excellent. It is of a deep green color when in the slicing stage, medium late in maturing. Eleven inches long. Pkt., 10c; oz., 30c; ¼ lb., 60c; lb., \$1.75; 5 lbs., \$7.00, postpaid.

170. **JAPANESE CLIMBING.** A distinct variety used to cover trellises, fences, etc. When in the slicing stage color is a splendid deep green. Very hardy, vigorous-growing cucumber of good quality. Length 9 inches. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.30; 5 lbs., \$5.75, postpaid.

172½. **LEMON.** In shape, somewhat like a lemon, but a little smaller. It is used for pickling and in salads; also the seeds may be removed and the cucumber stuffed with relishes. It is a comparatively new variety. Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., \$1.30; 5 lbs., \$5.75, postpaid.

174. **OLDS' MIXED.** Nearly all the best varieties. Cucumbers the entire season. Pkt., 3c; oz., 10c; ¼ lb., 35c; lb., \$1.00; 5 lbs., \$4.75, postpaid.

**KALE OR BORECOLE.**

200. **DWARF GERMAN.** Very hardy, with dark green leaves; much improved by frost. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25, postpaid.

201. **DWARF CURLED SCOTCH.** Dwarf, beautifully curled, bright green and very hardy. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.50, postpaid.

**KOHL RABI.**

205. **EARLY WHITE VIENNA.** Probably the best early variety. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.25, postpaid.

206. **PURPLE VIENNA.** A popular variety for table use. Pkt., 5c; oz., 20c; ¼ lb., 65c; lb., \$2.00, postpaid.

**LEEK.**

210. **AMERICAN FLAG.** Large, thick stems. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25, postpaid.

**MUSTARD.**

255. **BLACK OR BROWN.** More pungent than white. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c, postpaid.

256. **NEW WHITE CHINESE.** Large tender leaves. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c, postpaid.

257. **NEW MONSTROUS.** A new thick-leaved variety. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00, postpaid.

258. **WHITE LONDON.** Fine for salads and garnishing. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c, postpaid.

**OKRA.**

278. **WHITE VELVET.** Very productive and superior in flavor to any other variety. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c, postpaid.

# HERBS, AROMATIC, MEDICAL AND SEASONIGN

Make use of the corners of the garden for a few sweet herbs. They grow nicely along the sunny side of a fence in deep, rich soil.

**CULTURE.** Most varieties thrive best in a deep, mellow loam, and the soil should be well prepared and pressed firmly down upon the planted seed. Herbs should be planted early in drills about sixteen inches apart, and kept free from weeds until they have a good start as the small plants are rather delicate. They may also be planted in beds in April and transplanted to rows in June. Most varieties should be harvested when in bloom, wilted in the sun and thoroughly dried in the shade.

499. **MIXED HERBS.** A mixture of the varieties described below, and others. You will find the corner in which you have planted herbs, one of the most useful and interesting spots in the whole garden. We find that most of our customers prefer our Mixed Herbs as it saves buying a packet of each kind. Pkt., 10c; oz., 20c, postpaid.

480. **ANISE.** The seed is used for medical purposes as an aromatic, and for flavoring cakes, candies, etc. The leaves are used for garnishing and seasoning. Pkt., 10c; oz., 15c, postpaid.

483. **CARAWAY.** Cultivated for its seed which is used for flavoring rye bread, cookies, cheese, sauces, etc. Pkt., 5c; oz., 15c, postpaid.

485. **DILL.** Leaves and seed heads are used in making Dill Pickles, soups, sauces, etc. Pkt., 5c; oz., 10c, postpaid.

486. **FENNEL, SWEET.** This is a perennial plant. The leaves boiled are used for fish sauces; also for gar-

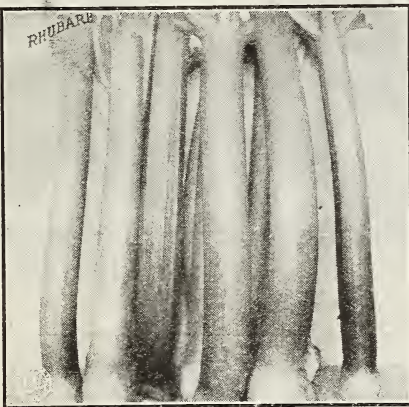
## GARLIC.

Garlic belongs to the onion family. It is perennial, has a bulbous root and flat leaves. The bulb is divided into several parts like a multiplier onion, and when planted should be divided.

Garlic has a strong penetrating odor and flavor, and is highly esteemed for flavoring soup, stews, salads, sausage, dressings, etc. ¼ lb., 15c; ½ lb., 25c; lb., 40c, postpaid.

## HORSE RADISH.

Horse Radish is grown very easily. Plant small sets (small lengths of roots) in good soil, in the spring and by fall they will have grown into large roots. Plant the small end down with the upper end two inches below the surface. Our sets are dug fresh as needed. 12 for 25c; 100 for \$1.25, postpaid.



nishing. The seed is used for flavoring and for medicine. Pkt., 10c; oz., 15c, postpaid.

489. **MAJORAM, SWEET.** The young tops are used either green or dried for flavoring soups, etc. A perennial plant. Pkt., 10c; oz., 35c, postpaid.

492. **SAGE.** (Perennial.) Probably the most popular and most widely grown of all the herbs. The tops and leaves are used for seasoning, especially in dressings. Pkt., 10c; oz., 60c, postpaid.

493. **SAVORY, SUMMER.** Leaves and young shoots are used for flavoring and seasoning. Pkt., 10c; oz., 35c, postpaid.

496. **THYME.** Used principally for seasoning. A tea is made from the leaves for relieving nervous headaches. Pkt., 10c; oz., 50c, postpaid.

498. **WORMWOOD.** The leaves are used as a tonic and for treating fresh bruises. Beneficial to poultry. Pkt., 10c; oz., 35c, postpaid.

## RHUBARB.

After the long winter months with their lack of fresh fruit, early spring Rhubarb is a most welcome treat. In sauce or pie it seems to have a more universal appeal than any other fruit of the year. Rhubarb is very easy to grow, is perennial, very productive and requires little attention.

We have thousands of vigorous young plants at the farm. We use whole roots for filling orders, and they are freshly dug. These will give big, tender, juicy stalks soon after planting. If grown on rich ground and if not used too freely the first season, they should later produce 20 to 30 stalks to a plant, 15 to 20 inches long and 1½ inches through. Rhubarb is a specialty with us, and the growing of it and asparagus roots is one of the things we do best. You will like the roots we send you. 3 for 35c; 12 for \$1.00. Not prepaid: 25 for \$1.65; 100 for \$6.00.

395. **LARGE VICTORIA.** A popular variety. Rhubarb can be raised from seed very easily but the stalks should not be used until the plants have had a full season's growth. Pkt., 10c; oz., 25c; ¼ lb., 45c; lb., \$1.30, postpaid.

## SWEET POTATO PLANTS.

Most people fail to realize that excellent Sweet Potatoes can be easily grown in their own gardens in the north. For years we have sold many thousands of plants to satisfied customers, and we have many letters from them telling us how pleased they are with results. Just set out the plants and they will grow large fine potatoes. We handle one variety only—Early Yellow Jersey. Cultural directions with each order. Doz., 25c; 50 for 80c; 100 for \$1.50, postpaid.

## SALSIFY.

Salsify is the richest and most delicious of the root crops. Often called Vegetable Oyster because of the flavor of its soup.

**CULTURE.** Sow in light, deep soil early in spring, in drills 12 inches apart and one inch deep. Thin the young plants to 4 or 5 inches.

## 397. M A M M O T H S W I N D M I L L I S L A N D .

We consider this the largest and best variety. It is white in color and has a most agreeable flavor. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$2.00, postpaid.

## ONION SETS.

The first garden crop in the spring is young onions from sets. If Egyptian or perennial sets are planted in the fall, a crop may be had before spring seed is planted. Spring sets may be planted as soon as one can get into the garden, and a crop of young onions harvested in a few weeks. Also, onion sets will produce ripe onions much earlier than will seed.

All onion sets are sold on the basis of 32 pounds to a bushel.

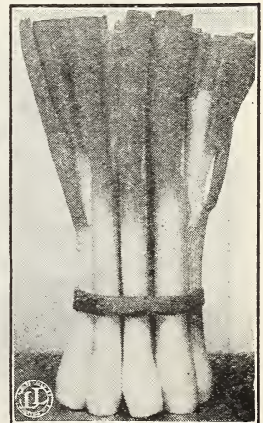
The crop of onion sets was light, and many are spoiling. Good sets are scarce and high and bushel prices are subject to change. Write for prices before placing large orders.

**WHITE BOTTOM.** The finest small, round, hard sets for growing either young green onions or large dry onions. ½ lb., 30c; lb., 45c, postpaid. By express, 5 lbs., \$1.75; 10 lbs., \$3.00; bu., \$7.00.

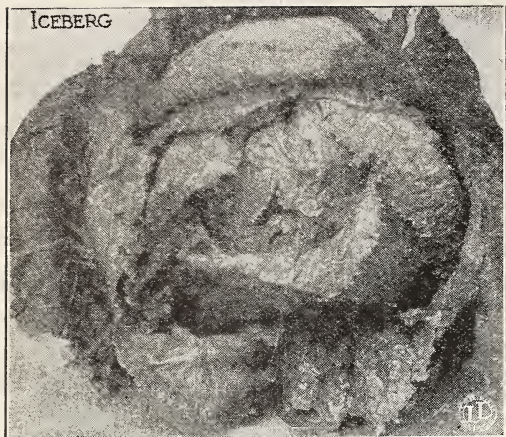
**YELLOW BOTTOM.** Dry onions grown from these are very good keepers. Also used for green onions. ½ lb., 25c; lb., 40c, postpaid. By express, 5 lbs., \$1.50; 10 lbs., \$2.75; bu., \$6.50.

**RED BOTTOM.** Much like the above except in color. Price the same as for Yellow Bottom.

**MULTIPLIER.** Sets from which may be grown green onions of the sweetest and mildest flavor, tender and brittle. Each set planted grows into a cluster of little onions. If the bulbs are allowed to ripen off the larger size may be used for boiling or stewing and the smaller for pickling. ½ lb., 35c; lb., 50c, postpaid. By express, 5 lbs., \$2.00.



# LETTUCE



216. **ICEBERG.** Curled and crisp heading; medium large; leaves wavy with fringed edges tinged at the margins with brown. It retains its brittleness even in hot weather and stands a long time before the seed stalks appear. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$2.75, postpaid.



219. **OLDS' BLACK-SEEDED SIMPSON.** Probably the most widely planted loose-leaf variety. The leaves, pale green in color, are much curled and twisted, very brittle, crisp and sweet. They may be cut when small but are better if allowed to attain nearly full size. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25, postpaid.



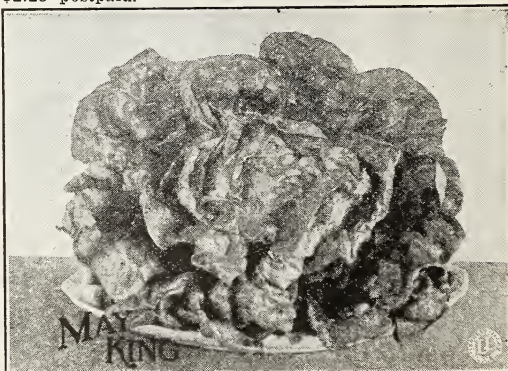
215. **★GRAND RAPIDS.** (Olds' Earliest Forcing.) A loose-leaf lettuce and the earliest kind we list. It makes a rapid upright growth of light green leaves, much crumpled, curled and frilled. It is of good quality, very brittle and a handsome lettuce for garnishing. Pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$2.50, postpaid.



217½. **MATCHLESS.** A new hybrid, neither a head lettuce nor a loose leaf. The leaves are thick and pointed, a sort of Cos lettuce, with the middle of the head inclined to bunch, and the heart very white and crisp. It has a flavor of its own. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25 postpaid.



222. **★BIG BOSTON.** Probably the most largely grown variety in cultivation; early, hardy and stands shipping well. The head itself is brittle, and tends to a golden yellow. Pkt., 10c; oz., 30c; ¼ lb., 85c; lb., \$2.50, postpaid.



227. **★MAY KING.** A cabbage type with butter head, medium small, light green, tinged slightly at the edges with brown; one of the best early-heading varieties, even in the cold weather of early spring. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.25, postpaid.

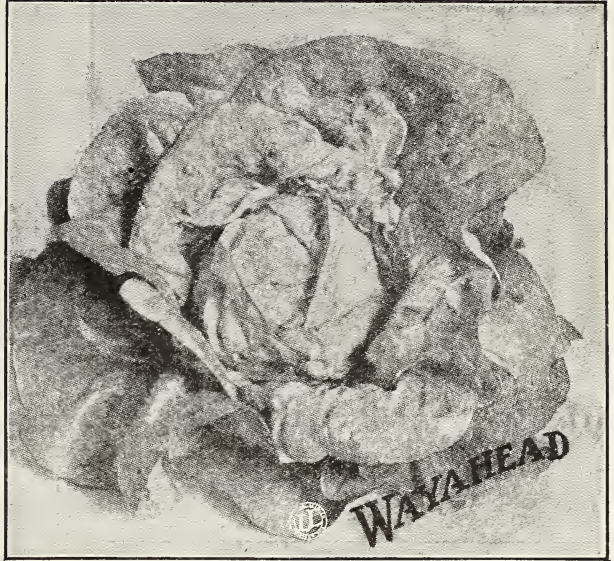
# LETTUCE (Head)

Each packet contains enough seed to sow 25 to 30 feet of drill; 3 pounds will sow one acre. We especially recommend those marked with a star. Leaflet on Lettuce Culture on request.

**232. ★OLDS' WAYAHEAD.** In our trials Wayahead has proved to be the very earliest head lettuce—nor does it lose anything in size because of its earliness, for it averages fully as large as the later varieties. The light green leaves are tightly folded, making firm, compact, solid heads that blanch to a rich buttery crispness. The golden yellow hearts are exceedingly tender, brittle and sweet. Wayahead is one of the surest to head of all varieties and does well early or late, in greenhouse, cold frame, or open ground. Try it. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50, postpaid.

**217. HANSON.** One of the best known of the old standard varieties and introduced many years ago. It is of the type known as curled-heading, medium size, light green. The leaves are curled and the edges fringed. The best of its class and of excellent quality. The following is a clipping from *The Philadelphia Press* of June 7, 1871, and is as true today as when first written:

"Among many varieties of lettuce, none is deserving of greater attention than the 'Hanson.' Notwithstanding the extreme heat of the last few days, the heads were large, solid and tender. The original seed was imported many years ago and was cultivated by my father and grandfather for several years. My father never allowed any other to be put upon his table. It is superior in every respect to any lettuce I ever saw, for these reasons—the heads are the largest, a single one is frequently large enough for an ordinary sized family; the leaves are exceedingly crisp and tender, and if cut early in the morning seem to break like pipe stems; the color is of the most beautiful green without, and white within. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25, postpaid.

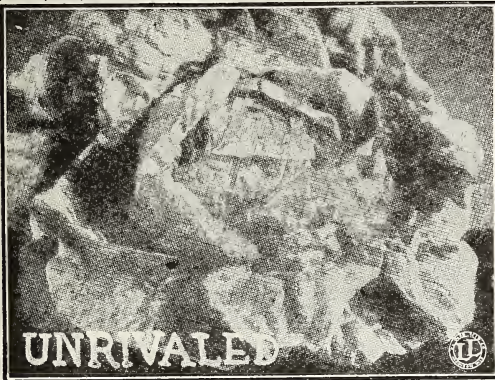


**231. PARIS WHITE COS.** The aristocrat of the lettuce family. Sometimes called Trianon Cos and Romaine. It is distinguished by its long, narrow, spoon-shaped leaves, folding into loose, long heads, which blanch better by having the leaves drawn about them and tied. The quality is distinct from that of the 'Cabbage' Lettuce and is very superior. It is the lettuce of the great hotels and restaurants. Just as easily grown as other varieties. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25, postpaid.

**225. CALIFORNIA CREAM BUTTER.** A very reliable head lettuce with glossy, deep, green leaves. The inner leaves form a very solid head, rich, light yellow in color, very thick, tender and buttery. The leaves are tinged with brown and spotted. The quality is first class, it is a good shipper, and it forms a good head under any ordinary conditions. Pkt., 10c; oz., 30c; ¼ lb., 85c; lb., \$2.50, postpaid.

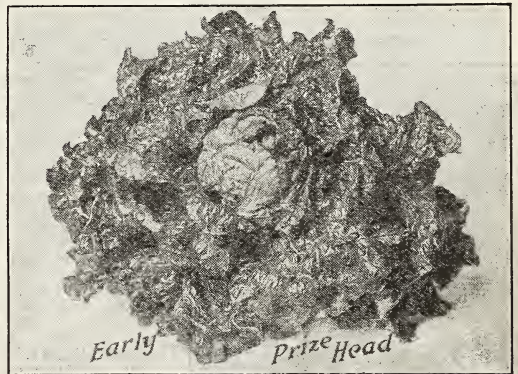
**229. OAK LEAVED.** This variety forms a close center but with rather loose outer leaves; medium size, medium green. The leaves are deeply lobed and the middle lobe is long like a finger, giving the plant a peculiar appearance. Pkt., 5c; oz., 20c; ¼ lb., 70c; lb., \$2.00, postpaid.

**220. ★EARLY PRIZEHEAD.** One of the best known and most popular varieties in America. It is a curled, crisp, loose leaf lettuce of medium size; color, green overlaid with reddish-brown. When mature, it is inclined to bunch at the heart. It is one of the best home varieties as it grows quickly and makes an abundance of good eating leaves of remarkably good flavor. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25, postpaid.



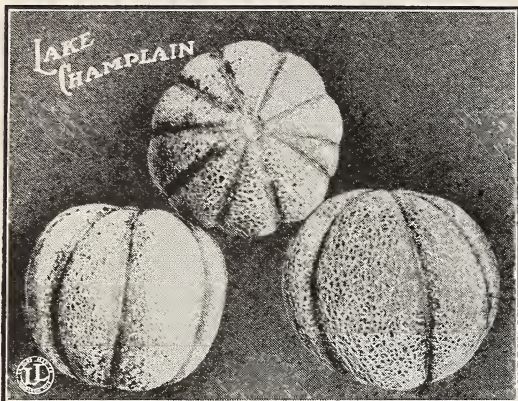
**223. UNRIVALED (White Seeded).** Developed from a sport of Big Boston by a French seedsman; differs from its parent chiefly in that its outer leaves are of a medium light green color with no tinge of brown. It is also earlier. The head is whitish green. The true type is very distinct and attractive, but it is sometimes criticised for its persistent tendency to revert back to Big Boston. Unrivaled is a fine lettuce of the blended type described as a cabbage, butterhead. It is compact and firm; size, medium large; color, medium green with center almost golden yellow; shape, uniformly globular; texture, brittle, tender; flavor, buttery and sweet; it is early, hardy and an excellent shipper. But Unrivaled, besides being an early, is one of the best varieties for a late crop, as it heads well in cold weather and is not injured by light freezing. It is adapted for either forcing or open ground and is suited for both home and commercial gardens. Pkt., 10c; oz., 20c; ¼ lb., 70c; lb., \$2.25, postpaid.

**234. OLDS' LETTUCE MIXTURE.** One of the best possible suggestions for those who enjoy variety. This mixture is prepared here in our plant by ourselves from our own seed, of good named varieties only, and is designed to give you real satisfaction, not just "something different." It will prove a very interesting innovation to your gardening. The mixture consists of a splendid assortment and contains early, second early and late lettuce; loose-leaf, semi-heading and head lettuce; smooth leaf, curly leaf and notched leaf lettuce; leaves of light green, medium green, dark green and reddish-brown; white seed, gray seed and black seeded varieties; in fact, all kinds of lettuce. Will provide a constant succession and large variety at very small cost. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

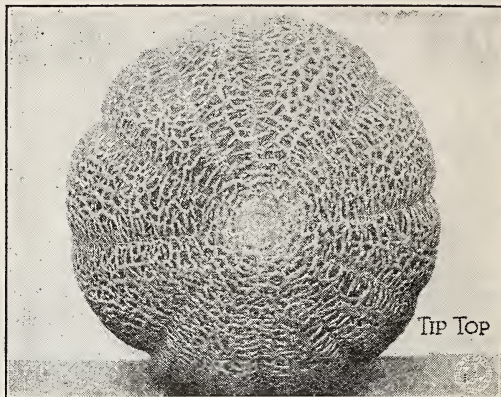


# MUSKMELON (Pink Fleshed)

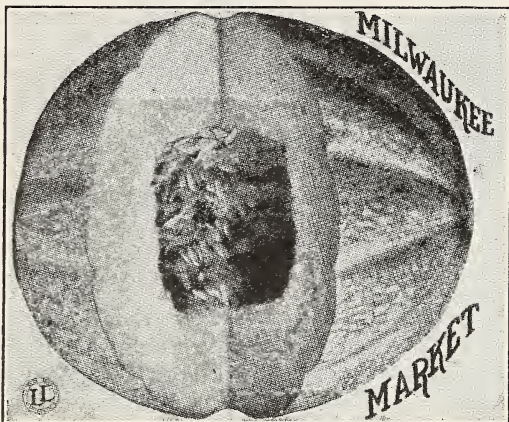
Each packet contains enough seed to plant 10 to 15 hills; one ounce will plant about 80 hills. Three pounds an acre.



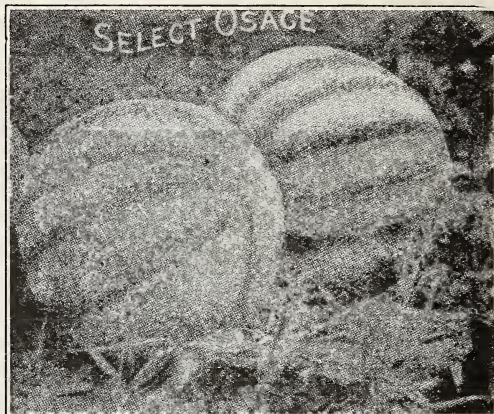
**235. ★LAKE CHAMPLAIN.** The new extra early. In our trial grounds, the earliest of all varieties. The Lake Champlain is a round melon, well netted and with thick orange-hued flesh, honey-sweet, melting and delicious. It is an extraordinarily heavy yielding and the fruits are of good size, much larger than the Rocky Ford type. Altogether it is an ideal home-garden or nearby market melon. Pkt., 15c; oz., 60c; ¼ lb., \$1.70; 1 lb., \$5.00, postpaid.



**254. TIP TOP.** Tip Top in quality, appearance and productiveness. Every melon produced, whether big or little, early or late is a good one—sweet, juicy, fine flavored, firm-fleshed and eatable to the rind. Pkt., 10c; oz., 20c; ¼ lb., 65c; 1 lb., \$1.75; 5 lbs., \$7.50, postpaid.



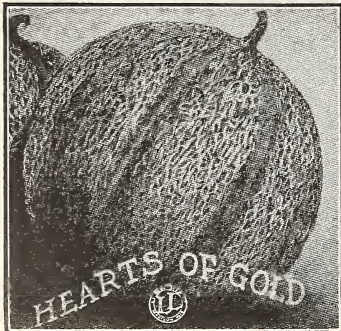
**241½. ★MILWAUKEE MARKET.** One of the best melons for market and the home garden. Prolific, vigorous in growth, and unsurpassed in flavor. This new melon made its appearance in Milwaukee a few years ago. It originated as a cross between the Surprise and Gem. The skin is light green, fruits nearly round, with only slight sutures. The flesh is a deep salmon color, thick, firm and solid and possesses a rich aromatic flavor; very uniform in size and every melon is a good one. Pkt., 10c; oz., 25c; ¼ lb., 70c; 1 lb., \$2.00; 5 lbs., \$8.75, postpaid.



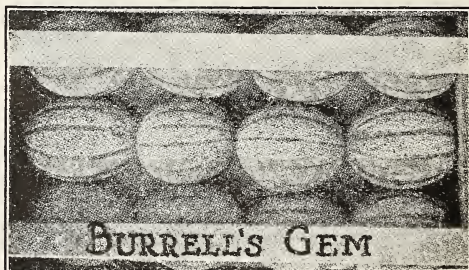
**239. ★OLDS' SELECT OSAGE.** An oval shaped, salmon fleshed melon, unusually thick-meated, and spicy, and probably the most widely used of all muskmelons except for shipping. Pkt., 10c; oz., 20c; ¼ lb., 60c; 1 lb., \$1.75; 5 lbs., \$7.50, postpaid.

**240½. EXTRA EARLY OSAGE.** An extra early strain of Osage. This excellent variety is a week earlier than its parent, a little smaller, nearly round and netted. The flesh is thick and the seed cavity small. Pkt., 10c; oz., 20c; ¼ lb., 65c; 1 lb., \$1.75; 5 lbs., \$7.50, postpaid.

**242. BURRELL'S GEM.** An important commercial melon, second only to Rocky Ford in popularity for long distance shipping. Well netted. Flesh very sweet and spicy. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00; 5 lbs., \$4.50, postpaid.



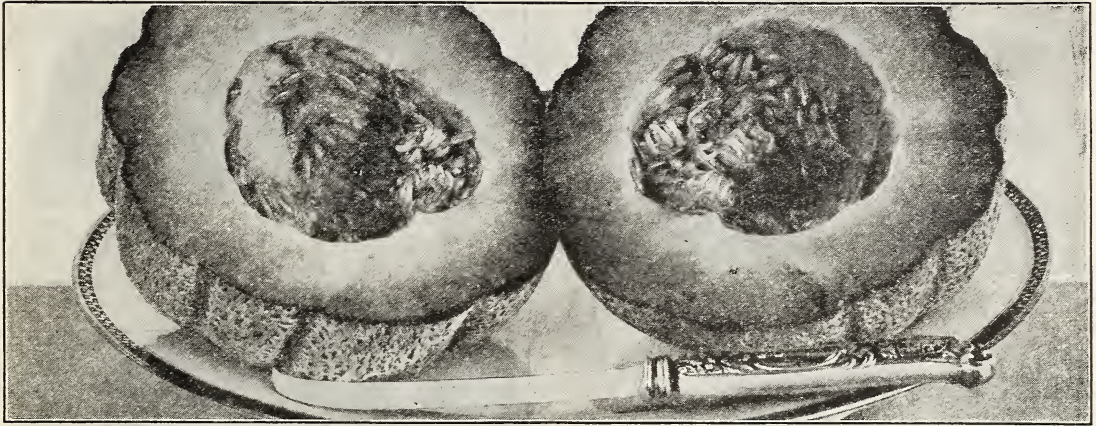
**247. HEARTS OF GOLD.** (Hoodoo.) One of the finest types of the early, pink-fleshed melons. An excellent shipping melon, equally good for market and home-gardens. They weigh about 1½ pounds each; seed cavity remarkably small and the flesh sweet and spicy. Pkt., 10c; oz., 20c; ¼ lb., 65c; 1 lb., \$1.75; 5 lbs., \$7.50, postpaid.



# MUSKMELON

238. **★EMERALD GEM.** One of the very best early melons for the kitchen garden or nearby market, but not a shipper. It is a small, smooth-skinned variety, flattened at the end. The flesh is pink, very sweet and highly flavored and the fruit is of convenient size. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25; 5 lbs., \$5.00, postpaid.

248½. **BANANA.** A very vigorous, hardy, main-crop melon, growing very long fruits averaging 14 inches in length and 4 inches in diameter. It is banana colored, pink-fleshed and really delicious. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25; 5 lbs., \$5.00, postpaid.



244. **★OLDS' ROCKY FORD.** This melon is just the right size to serve in halves. Possibly this is one reason why it has become the most popular of all muskmelons. It is a desirable medium early variety, with vigorous and productive vines. The melons are oval, slightly ribbed, densely netted; flesh, green; flavor, good. Our seed is grown for us by the most expert and reliable, professional seed growers. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25; 5 lbs., \$5.00, postpaid.

236. **EXTRA EARLY HACKENSACK.** One of the most popular of the extra early green-fleshed varieties. The shape of the melon is flat and the size small, with distinct ribs and netting. It is very prolific and hardy and enjoys wide use. The flesh is very sweet and spicy. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25; 5 lbs., \$5.00, postpaid.

251. **NEW BUSH.** A novelty melon. Vines about two to three feet long and occupying no more space in a garden than a cucumber vine. It is a very early, small, green-fleshed melon. Distinctly home-garden. Pkt., 5c; oz., 20c; ¼ lb., 65c; lb., \$1.75; 5 lbs., \$7.00.

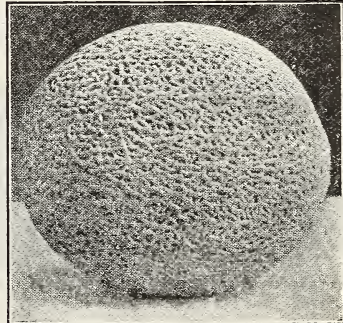
244½. **TEXAS CANNON BALL.** A perfectly round, early, green-fleshed melon, a little larger than Rocky Ford. It is completely covered with netting and has no trace of ribs. Its most remarkable feature is the thickness of its flesh, which is not excelled by any other kind. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00; 5 lbs., \$4.50, postpaid.

250. **MANGO.** Fruit nearly round, with yellow and green markings; skin smooth, flesh tender and with a sweet melon flavor. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00; 5 lbs., \$4.25, postpaid.

253. **HONEY DEW.** A distinct variety, perfectly smooth-skinned, and white until ripe, when it changes to a light cream. They are about 9 to 10 ins. in diameter and very late. Widely used as a shipping variety, and when properly stored, will keep for months. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.00; 5 lbs., \$8.75, postpaid.

240. **MONTREAL MARKET** or Montreal Nutmeg. A very large green-fleshed variety with very deep ribs and heavy netting. While it is not early, it is a standard, good quality kind, nearly round and very prolific. The melons often weigh as much as 15 pounds each. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.25; 5 lbs., \$5.00, postpaid.

249. **OLDS' MIXED.** A selection of varieties grown separately and blended by us. Early, second early, and late melons, large and small melons, green and pink-fleshed melons, throughout the season for a nickel. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; 5 lbs., \$4.00, postpaid.



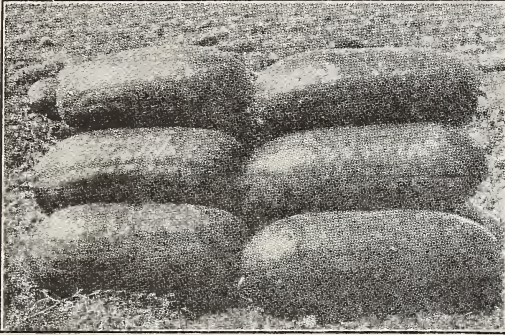
245. **★OLDS' EARLY MODEL.** The Model averages about two pounds in weight; is perfect in shape. Very productive and possesses all the good qualities of the Rocky Ford. The flesh is green, seed cavity small with few seeds. On account of its size and shape, will bring fancy prices in any market. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.00; 5 lbs., \$8.75, postpaid.

247½. **GOLD LINED ROCKY FORD.** A splendid type of the green fleshed Rocky Ford, with gold lining next to the seed cavity, making it unusually attractive when cut. It is medium late, prolific, very thick-fleshed, spicy and sweet; it is nearly round and completely covered with netting and with no ribs. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00; 5 lbs., \$4.50, postpaid.

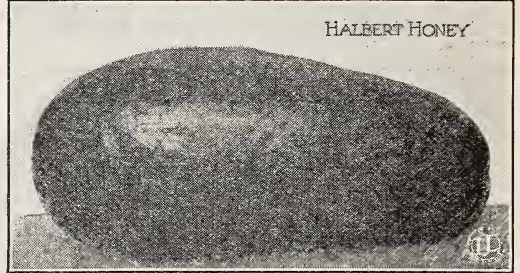
# WATERMELON

Each packet contains enough seed to plant 8 to 12 hills; 4 to 5 pounds will plant one acre. We especially recommend those marked with a star.

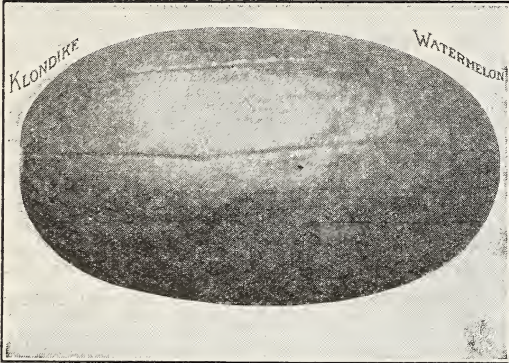
PLEASE ORDER BY NUMBER.



270. ★**KLECKLEY'S SWEET.** Monte Cristo. A fine, well known, early melon and our best seller by far. Popular for home gardens and local markets, but too brittle to ship. Kleckley's Sweet is a medium sized, dark green melon, often growing 20 inches long, with bright red flesh. It is solid, crisp and melting; rind, thin; flavor, sweet and pleasing. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., 90c; 5 lbs., \$4.25, postpaid.



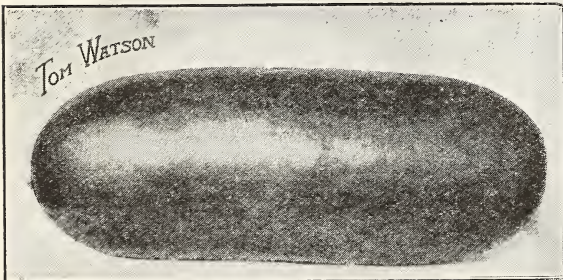
273. ★**HALBERT HONEY.** Another good, medium early melon for home use. In flavor, color and texture, similar to Kleckley's Sweet. Medium to large in size, oblong in shape; color, dark green, lightly laced with fine veins; flesh, sweet and brittle; too thin a rind for shipping but desirable for the garden. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.10, 5 lbs., \$5.00, postpaid.



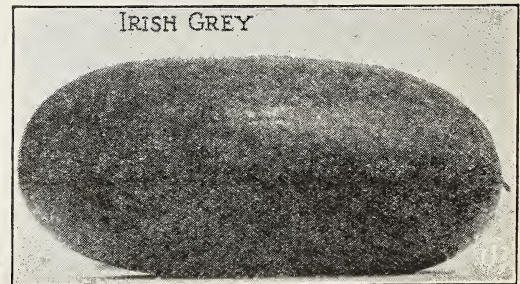
270½. ★**KLONDIKE.** Because of its genuine merit the Klondike is favored by many. The rind is dark green; shape, long; flesh a distinctive shade of red. It is very sweet, crisp and tender, ripens very early and so is adapted to northern states. It is also a heavy yielder. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00; 5 lbs., \$4.50, postpaid.



262. ★**COLE'S EARLY.** Some prefer a round to a long melon, believing that there is too much "end meat" in the latter. To such we suggest Cole's. It is earlier but smaller than Kleckley's, nearly round, of a dark green color, irregularly striped with lighter green. The flesh is firm and uniform, flavor good, of rather a dark shade of red and with black seeds. A good home melon but not a shipper. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00; 5 lbs., \$4.25, postpaid.



271½. **TOM WATSON.** The most popular shipping melon, with tough, elastic, dark green rind. It is long and cylindrical, averaging 20 inches in length and 10 inches in diameter. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 95c; 5 lbs., \$3.90, postpaid.



268. **IRISH GREY.** A long, rather large melon, light green in color and of fine table quality. The flesh is deep red, crisp and sweet and without a hard center. Besides being a fine garden melon, it is equal to Tom Watson as a shipper. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.10; 5 lbs., \$5.00, postpaid.

Martin Eisle, Illinois, says: "I got about 50 melons from the 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."

For Pyrox, see page 93.





274. **HUNGARIAN HONEY.** This melon's claim to favor lies in its earliness; it is recommended for short season localities, like Northern Wisconsin. As is always the case with extra earlies, Hungarian Honey is small, the round melons weighing only about 8 to 10 pounds each. However, it is very sweet (hence its name) with firm, solid, deep-red flesh and small seeds. Skin, dark green with irregular stripes of darker green. It is a good yielder and sells at good prices to nearby fancy grocery trade. An excellent and small early melon. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 85c; 5 lbs., \$3.85, postpaid.

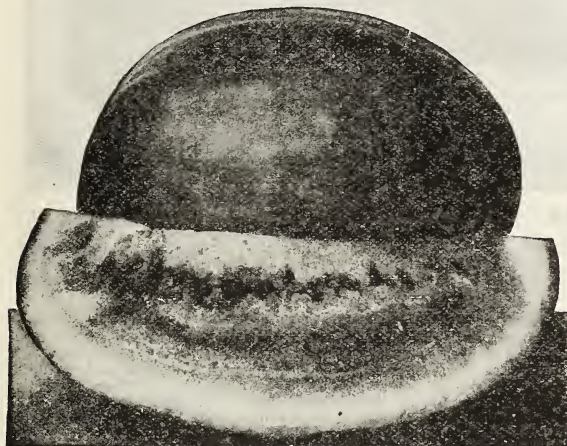
263. **FORDHOOK EARLY.** The earliest of all large melons. Perhaps no other variety is so well adapted to the home garden, for it may be planted in hills as close as 6 feet each way. Its value to the home gardener in the north is largely in its extra earliness. The melons are of good size and nearly round; the skin is dark green with occasional stripes of lighter green. The rind is thin; flesh, bright red, crisp, and remarkably sweet. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c; 5 lbs., \$3.75.

267. **★ICE CREAM or PEERLESS.** One of the most popular early melons. It is long, light green, with thin rind, and very sweet, crisp and tender. It is very prolific. A most excellent home melon. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00; 5 lbs., \$4.50, postpaid.



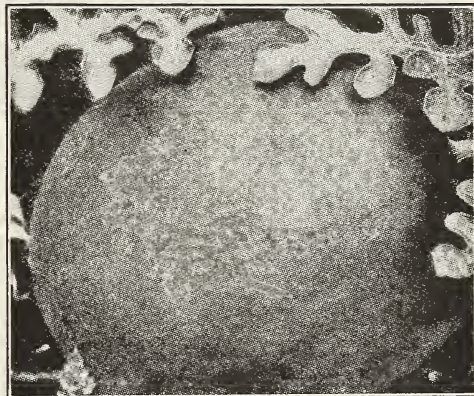
Field of Alabama Sweet Watermelons.

271. **ALABAMA SWEET.** An early maturing variety with long melons of deep green color, irregularly striped with a darker shade. It is an excellent shipping melon with a very tough elastic rind. The flesh is bright red, fine grained and sweet. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 95c; 5 lbs., \$3.90, postpaid.



Sweetheart.

261. **SWEETHEART.** A large oval melon which remains in condition for use longer than any other except the Winter Melon. The flesh is bright red, solid and sweet. Rind thin but tough and elastic, making it a good shipper. A very popular variety. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00; 5 lbs., \$4.50, postpaid.



Olds' 1908 Melon (Chilean).

265. **OLDS' 1908 MELON.** (Chilean). Since this melon has been acclimated it has become one of the most desirable of all for use in the north. It is early and delicious. One of the most worthy of the more recent introductions. Pkt., 6c; oz., 10c; ¼ lb., 25c; lb., 85c; 5 lbs., \$3.85, postpaid.

272½. **GOLDEN HONEY.** The flesh is a beautiful glistening amber-yellow, very tender, and has a most delicious flavor. It is medium early, of uniform large size, oblong shape and of handsome appearance. The skin is green with irregular stripes of darker green. No hard core or stringy sections. Pkt., 10c; oz., 20c; ¼ lb., 35c; lb., \$1.25; 5 lbs., \$4.75, postpaid.

275. **CITRON.** Perfectly round, striped alternately dark and light green, not edible raw, but excellent for preserves. The flesh is white and hard and the vines very productive. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.00; 5 lbs., \$4.50, postpaid.

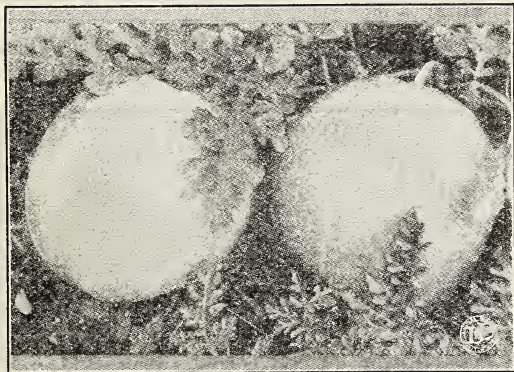
277. **OLDS' MIXED MELON SEED.** A splendid idea for those who may wish a variety of the best watermelons without going to the expense of buying each separately. This assortment includes a wide range of variety, all named sorts selected and mixed in our own plant, and intended to provide a succession of early, second early, etc.; to include large, small and medium sized melons; both light and dark fleshed, and with varying shades of flavor. Interesting, instructive, valuable and inexpensive. Melons will not be affected by cross pollinizing the first season, but their seed will be much blended and crossed. Pkt., 3c; oz., 10c; ¼ lb., 20c; lb., 70c; 5 lbs., \$3.10.

"The best gardens I ever had were from Olds' Seeds."

Mrs. R. F. Sloan, Iowa.

"I shall want an early order for next spring. I did not order all of my seeds of you last spring, and will not make that mistake again."

C. M. Rock, Nebraska.



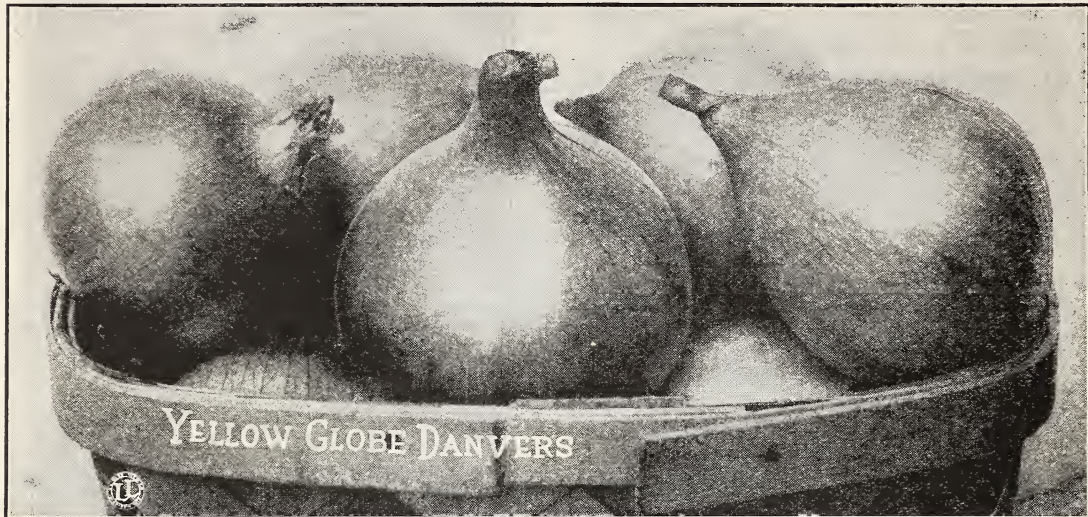
Olds' Winter Melon.

276½. **OLDS' WINTER.** This melon is early, very prolific, almost round and in color, light green. The flesh is red, sweet and almost as hard as a citron, and if properly stored will keep for months. Pkt., 10c; oz., 20c; ¼ lb., 35c; lb., \$1.10; 5 lbs., \$5.00.

# ONIONS.

**CULTURE.** Onions do best in a deep rich loam, well manured and worked into a fine seed bed. As early as possible, sow thinly in drills about  $\frac{1}{2}$  inch deep, 1 foot apart; press the soil down firmly; thin to about 3 or 4 inches apart. Keep the surface of the ground open and free from weeds by frequent hoeing.

A packet of seed will plant from 25 to 30 feet of drill; one ounce will plant 200 feet; 4 pounds an acre.



**285. ★OLDS' YELLOW GLOBE DANVERS.** Olds' Yellow Globe Danvers is a solid onion of almost true globe shape, averaging three inches through. In color the bulbs are a rich satiny yellow. The snow white flesh cuts hard and crisp yet it is always sweet and tender. Not quite as mild as the Spanish onions when sliced raw but for cooking or flavoring, one of the very best. It is the earliest good market variety, slender necked, and ripening up all at one time. A sure cropper and a good keeper, the onions coming out dry and hard in the spring with practically no loss in weight. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50; 5 lbs., \$7.00, postpaid.

**287. OLDS' EXTRA LARGE RED WETHERSFIELD.** An old American variety, grown long before the Civil War near the town of Wethersfield in Connecticut. The onions are a flattened globe in shape with long slender tops and dark crimson skin. They grow to a large size and yield big crops even under unsatisfactory growing conditions. In fact this sort will stand more grief than any other onion and still give a fair yield. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50; 5 lbs., \$7.00, postpaid.

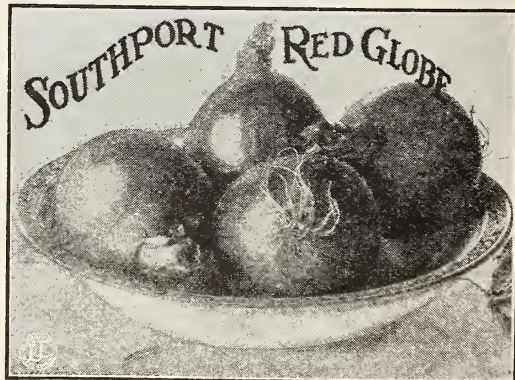
**299. AUSTRALIAN BROWN.** Without any exception the most solid and longest keeping onion grown. In season it is one of the earliest and will ripen anywhere. It is often used for replanting when first sowings have been injured by weather conditions. Its extreme solidity is shown by the fact that a measured bushel will weigh several pounds more than the standard legal weight for a bushel of onions. It is an ideal variety for shipping or storing. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25; 5 lb., \$1.75; 5 lbs., \$8.25, postpaid.

**291. SOUTHPORT RED GLOBE.** In the commercial growing districts of America, the Southport type of Globe Onions is more extensively grown than others and because of their fine form, good color and excellent keeping qualities they command better prices. Southport Red Globe is a large, handsome, dark red onion with small neck, small top and of mild flavor. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 55c; lb., \$1.75; 5 lbs., \$8.00, postpaid.

**282. OLDS' CRIMSON GLOBE.** Extra Select Southport Red Globe. Eastern grown seed. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.25; 5 lbs. \$10.75, postpaid.

**290. SOUTHPORT YELLOW GLOBE.** A ball-shaped onion of fine golden yellow color, growing somewhat larger and maturing a little later than the Yellow Globe Danvers. The flesh is hard and compact yet brittle and crisp. It is an excellent keeper and much esteemed by commercial growers. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 55c; lb., \$1.75; 5 lbs., \$8.25, postpaid.

**280. OLDS' GOLDEN GLOBE.** Extra Select Southport Yellow Globe. Eastern grown seed. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 65c; lb., \$2.00; 5 lbs., \$9.50, postpaid.




# ONIONS (Continued)

## BERMUDA ONIONS.

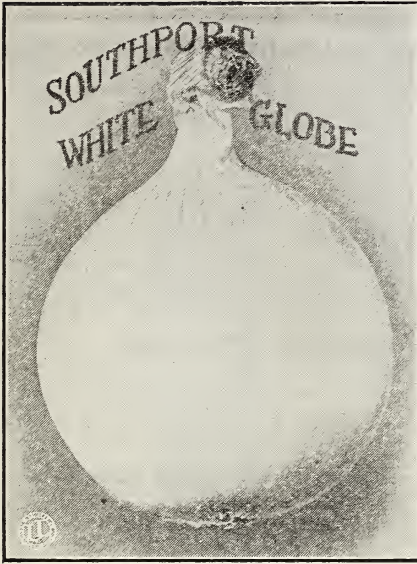
Bermuda Onions are becoming more popular every year. They succeed well in the north if planted on rich soil and kept watered. For salad purposes they are unsurpassed.

283. **CRYSTAL WAX.** The most attractive and the most profitable variety. It is large, pure white, very early, mild in flavor, in fact can be eaten like an apple. It can be grown under northern conditions and is very fine for slicing. Pkt., 15c; oz., 40c; ¼ lb., \$1.20; lb., \$3.50, postpaid.

284. **YELLOW BERMUDA.** The standard variety; identical with Crystal Wax except that the color is pale yellow. Pkt., 15c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00, postpaid.

 300. **OLDS' SELECT OHIO YELLOW GLOBE.** A selection from the Yellow Globe Danvers made by onion growers in Lake County, Ohio. A highly bred variety and especially valuable on muck or peat lands and on very rich high-ground soils. Rather deeper globe shape than the Danvers and nearly as early. Pkt., 5c; oz., 15c; ¼ lb., 55c; lb., \$1.75; 5 lbs., \$8.00, postpaid.

304. **MIXED ONION SEED.** This mixture comprises many of the varieties here listed and others, all good named onions. You will find in the crop, red, yellow and white; flat and round; mild and strong. A good assortment, interesting, valuable and decidedly inexpensive. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.15; 5 lbs., \$5.00.

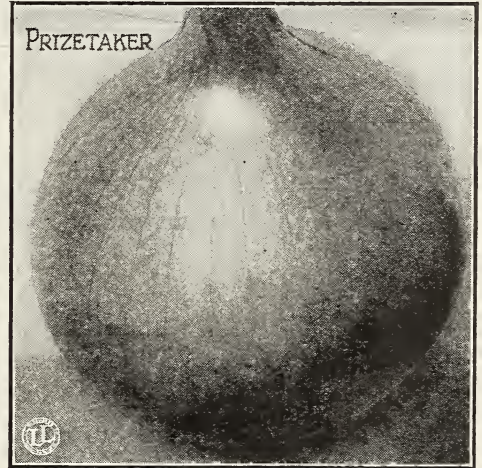


292. **SOUTHPORT WHITE GLOBE.** A handsome onion with a pure paper white skin, when properly cured and not allowed to sunburn after it is ripe. Globe shape and a good keeper for a white kind. Most retail customers prefer a white onion and we consider this as unquestionably the best white market variety. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25; 5 lbs., \$10.75, postpaid.

281. **OLDS' SILVER GLOBE.** Extra Select Southport White Globe. Eastern grown seed. Pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$2.50; 5 lbs., \$11.75, postpaid.


293. **WHITE PORTUGAL.** (Silver Skin.) A handsome early onion with silvery white skin. Grows about as large in diameter as the Southport Globes but flat. It is fairly mild, very tender and a good keeper for a white kind. The finest small white sets are grown from this variety, when the seed is sown thickly in the row. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25; 5 lbs., \$10.75, postpaid.

303. **OLDS' WHITE QUEEN.** A very hardy perennial variety of onion, used for bunching and pickling. Much superior to Egyptian which is rather tough. It is perfectly hardy and requires no mulching. Sow in late summer or early fall for early spring onions. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25; 5 lbs., \$10.00, postpaid.



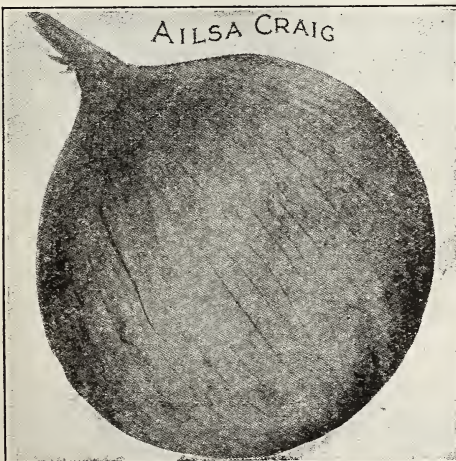
## SPANISH TYPE ONIONS.

The mildest, finest flavored and largest onions belong to this class. They require a little longer growing season than do the American sorts and they are not quite as good keepers. For this reason we do not recommend planting them in Northern Wisconsin and similar latitudes. In the central and southern parts of this state, however, they do very well.

 297. **OLDS' PRIZE-TAKER.** The Prize-Taker might almost be called an American onion for it is the result of selection in this country since 1887, the original seed coming from Spain. Bright straw yellow in color and a good globe shape. It grows about three times as large as the Danvers, individual onions sometimes weighing four pounds and over. Very mild sweet flavor and a fair keeper, ripening evenly. Pkt., 5c; oz., 20c; ¼ lb., 55c; lb., \$1.75; 5 lbs., \$8.00, postpaid.

288. **AILSA CRAIG.** An English strain of Spanish onion, much like the Prize-Taker but a considerably better keeper. A fine salad kind, mildly pungent, sweet and juicy. Yellow skin. Pkt., 5c; oz., 20c; ¼ lb., 50c; lb., \$1.50; 5 lbs., \$7.00, postpaid.

297½. **GIGANTIC GIBRALTER.** The largest, mildest and sweetest of all onions. Creamy straw colored bulbs, excellent for slicing, never strong, but brittle, juicy and with a very pleasant flavor. Late in season and ripening rather unevenly but will give a better crop in a dry year than any other onion we list. In size it is the largest of all. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.85; 5 lbs., \$8.25, postpaid.



# PEAS

Each packet contains enough seed to plant 10 to 12 feet of drill; one pound will plant 75 feet, 100 pounds enough for one acre. Those marked with an asterisk, thus (\*) are wrinkled varieties.



**NOTT'S EXCELSIOR.**

323½. **SUTTON'S EXCELSIOR.\*** Sometimes called Melting Marrow. Sutton's Excelsior resembles Nott's Excelsior but has longer and broader pods of light green color; the pods are square at the ends with 6 or 8 large peas to a pod. The vines grow 15 inches tall and are hardy, permitting early planting. They are very heavy bearers, and on account of their hardiness and large sized pods, many prefer Sutton's Excelsior to the large podded taller varieties. Pkt., 10c; lb., 35c; 2 lbs., 65c, postpaid. By express: 7½ lbs., \$2.00; 15 lbs., \$3.50; 30 lbs., \$6.00.

335. **★OLDS' DWARF TELEPHONE.\*** (Carter's Daisy.) A cross of Stratagem and Telephone, growing about 18 inches high, but the vines being strong and thrifty, require no support in spite of the load of large pods. The pods are nearly double the size of such peas as American Wonder and Little Gem, and the quality of the peas excellent. Pkt., 10c; lb., 45c; 2 lbs., 80c, postpaid. By express: 7½ lbs., \$2.15; 15 lbs., \$3.75; 30 lbs., \$7.00.

330. **AMERICAN WONDER.\*** The dwarfest of all peas, vines growing only about 10 inches high. It is also one of the very earliest, the peas often being ready for use within seven weeks from planting. Add to these attractive features, its fine flavor and its great yield for so small a vine, and its great popularity is explained. It is a cross between the Champion of England and the Little Gem, and has merits of both. Pkt., 10c; lb., 40c; 2 lbs., 70c, postpaid. By express: 7½ lbs., \$2.15; 15 lbs., \$3.75; 30 lbs., \$7.00.

## THREE SPLENDID PEAS FOR SUCCESSION.

One packet each of Nott's Excelsior, Heroine and Stratagem, 25c; 1 lb., each, \$1.05, postpaid.

325. **★NOTT'S EXCELSIOR.\*** Height 15 inches. One of the most popular peas in cultivation. It is as early as American Wonder, as sweet as Little Gem and out yields both of them. The vines are vigorous in growth, the pods large and square at the ends, and the flavor delicious. Pkt., 10c; lb., 40c; 2 lbs., 70c, postpaid. By express: 7½ lbs., \$2.15; 15 lbs., \$3.75; 30 lbs., \$7.00.

321. **HEROINE.\*** A splendid second early. The vines, 2½ feet high, require no support and bear profusely large, handsome pods often 5 inches long, well filled with large, tender, sweet peas of fine flavor. We highly recommend this excellent pea. Pkt., 10c; lb., 40c; 2 lbs., 70c, postpaid. By express: 7½ lbs., \$2.15; 15 lbs., \$3.75; 30 lbs., \$7.00.

326. **IMPROVED STRATAGEM.\*** The best of all the large podded, late peas. The foliage is large, and the vines about 20 inches tall, strong and robust, requiring no support. It is very prolific, bearing many very large, well-filled pods containing large dark-green wrinkled peas of excellent quality. Pkt., 10c; lb., 40c; 2 lbs., 70c, postpaid. By express: 7½ lbs., \$2.15; 15 lbs., \$3.75; 30 lbs., \$7.00.

341. **MAMMOTH LUSCIOUS SUGAR.** These peas are not shelled, but pod and all eaten like String Beans. The pods are stringless, brittle and fine flavored, and are produced continuously for a considerable period. Pkt., 10c; lb., 50c; 2 lbs., 90c, postpaid. By express: 7½ lbs., \$2.25; 15 lbs., \$4.00; 30 lbs., \$7.50.

324½. **LAXTONIAN.\*** Also called Dwarf Gradus and Blue Bantam. A dwarf pea with large handsome pods, very similar to those of Gradus, which variety it excels in yield and earliness. The vines average 15 inches in length, and the pods 3½ inches. The vines are inclined to bear more abundantly at the top and less along the stalk, making it easy to pick. The pods are a deep bluish-green, pointed at the end, containing 7 to 10 peas of large size and delicious flavor. One of the best peas for private or commercial growing. Pkt., 10c; lb., 50c; 2 lbs., 90c, postpaid. By express: 7½ lbs., \$2.25; 15 lbs., \$4.00; 30 lbs., \$7.50.

326½. **PIONEER.\*** This new, large-podded early wrinkled pea is in great favor with commercial growers. The handsome large pods are well filled with big peas of delicious flavor, making it a good seller on the market. The vines are very vigorous, growing only 15 to 18 inches high, with dark green foliage, and producing a wonderful crop about 60 days from planting. Pkt., 10c; lb., 35c; 2 lbs., 65c, postpaid. By express: 7½ lbs., \$2.00; 15 lbs., \$3.50; 30 lbs., \$6.00.

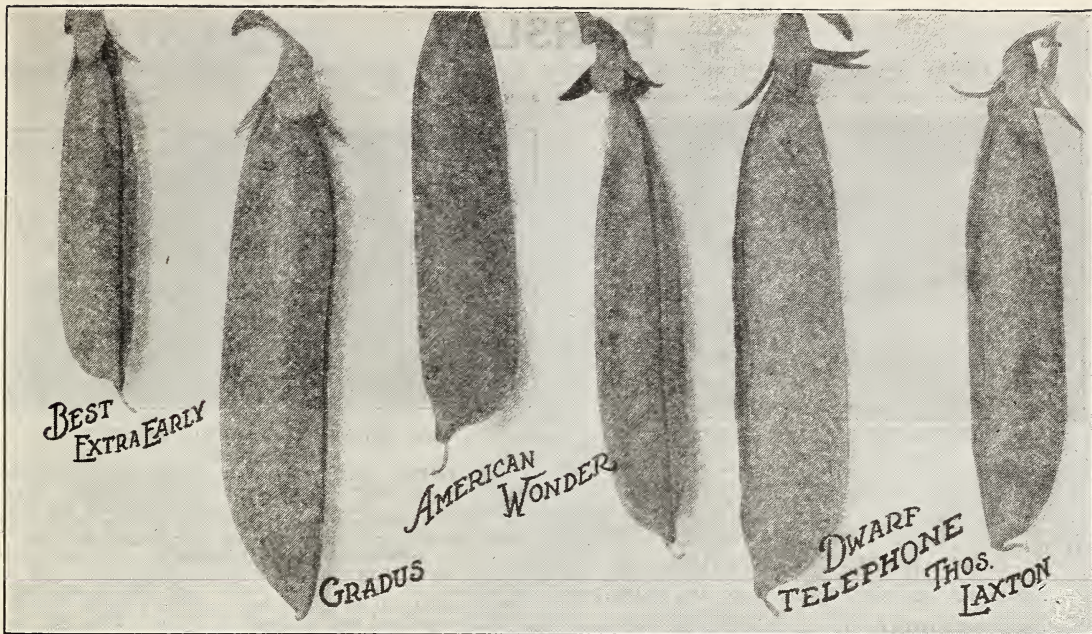
339. **★LITTLE MARVEL.\*** A dwarf early pea of unusual value. The vines average 15 inches in height and the pods 2½ inches in length, frequently borne in pairs. The pods contain from 6 to 7 large, dark green peas which remain in edible condition a week longer than most varieties. They mature in about 50 days and produce a much larger pod and a heavier crop than other extra earlies. Pkt., 10c; lb., 40c; 2 lbs., 70c, postpaid. By express: 7½ lbs., \$2.15; 15 lbs., \$3.75; 30 lbs., \$7.00.



**AMERICAN WONDER.**



**LITTLE MARVEL.**



321½. **PETER PAN.\*** A variety with big dark, green pods, and peas of highest quality. It grows about 15 to 18 inches high. The finest of the large-podded dwarf-growing peas. Pkt., 10c; lb., 45c; 2 lbs., 80c, postpaid. By express: 7½ lbs., \$2.25; 15 lbs., \$3.80; 30 lbs., \$6.75.

334. **THOMAS LAXTON.\*** A cross between Gradus and Alaska. In earliness it is two or three days behind Alaska, and in yield, far superior. The pods are larger, containing sweet, large peas of fine flavor. Vines from 30 to 35 inches. Pkt., 10c; lb., 45c; 2 lbs., 80c, postpaid. By express: 7½ lbs., \$2.25; 15 lbs., \$4.00; 30 lbs., \$7.50.

345. **WHITE MARROWFAT.** About 3½ feet high; vines of strong growth; rather late. A heavy yielder of large pods, filled with round, smooth peas of mealy quality. Pkt., 5c; lb., 30c; 2 lbs., 55c, postpaid. By express: 7½ lbs., \$2.00; 15 lbs., \$3.50; 30 lbs., \$6.00.

333½. **ALDERMAN.\*** Many consider this the best of the early main crop peas of the Telephone type. The pods are of the largest size, averaging 4½ to 5 inches in length, of a rich, dark green, straight, and handsome and of unusually fine flavor. Vines grow 3½ to 4 feet in height. Pkt., 10c; lb., 40c; 2 lbs., 70c, postpaid. By express: 7½ lbs., \$2.15; 15 lbs., \$3.75; 30 lbs., \$7.00.

333. **OLDS' ENGLISH WONDER.\*** This new, dwarf, second-early variety is the sweetest pea we know of. The pods are produced in abundance and are well filled with large, dark-green peas. The vines grow about 18 inches high and require no support. Pkt., 10c; lb., 35c; 2 lbs., 65c, postpaid. By express: 7½ lbs., \$2.15; 15 lbs., \$3.75; 30 lbs., \$7.00.

328. **MCLEAN'S ADVANCER.\*** This pea is extensively used by canners and market-gardeners because of its abundant yield, good appearance and superior flavor. Pkt., 10c; lb., 35c; 2 lbs., 65c, postpaid. By express: 7½ lbs., \$2.00; 15 lbs., \$3.50; 30 lbs., \$6.00.

332. **BLISS' EVERBEARING.\*** The vines are strong and attain a height of 2½ to 3 feet, bearing, at the top, 6 to 10 good pods about 3 inches long. If these are picked when ready, and soil and season favorable, the plants throw out branches bearing pods which will mature in succession, thus prolonging the season. The peas are large and wrinkled, tender and of good flavor. Pkt., 10c; lb., 40c; 2 lbs., 70c, postpaid. By express: 7½ lbs., \$2.15; 15 lbs., \$3.75; 30 lbs., \$7.00.

324. **★GRADUS.\*** Prosperity. This pea is nearly as early as the small, smooth, extra early varieties. May be planted as soon as the ground is fit to be worked in the spring. The vine grows to a height of about 30 inches. The pods measure 4 inches or more in length containing 8 or 10 sweet and fine flavored peas. Pkt., 10c; lb., 40c; 2 lbs., 70c, postpaid. By express: 7½ lbs., \$2.15; 15 lbs., \$3.75; 30 lbs., \$7.00.

322. **★TELEPHONE.\*** Vines, 4 feet high; pods, dark green, 3½ to 4 inches long, and contain from 5 to 10 peas each. The leading variety among market gardeners. Comes into bearing in about 65 days. Yields abundantly, and the peas are sweet and luscious. Pkt., 10c; lb., 40c; 2 lbs., 70c, postpaid. By express: 7½ lbs., \$2.00; 15 lbs., \$3.50; 30 lbs., \$7.00.

320½. **★OLDS' BEST EXTRA EARLY.** The extra early round seeded varieties are largely grown for the early market. They ripen more evenly than other peas, and where the stocks have been properly bred and kept true, from 75% to 80% of the pods may be gathered at the first picking thus enabling the grower to secure the highest prices. They are not quite as sweet as other peas. Pkt., 10c; lb., 45c; 2 lbs., 80c, postpaid. By express: 7½ lbs., \$2.25; 15 lbs., \$4.00; 30 lbs., \$7.50.

323. **ALASKA.** Earliest of All. The vines grow to 30 inches in height. Matures practically the entire crop at one time. The most popular early pea for canning. Pkt., 10c; lb., 45c; 2 lbs., 80c, postpaid. By express: 7½ lbs., \$2.25; 15 lbs., \$4.00; 30 lbs., \$7.50.

327. **CHAMPION OF ENGLAND.\*** A very sweet pea. Champion of England has been valued for many years as the standard main crop variety. The vines are strong of growth, attaining a height of 4 to 5 feet. Pkt., 10c; lb., 40c; 2 lbs., 70c; postpaid. By express: 7½ lbs., \$2.15; 15 lbs., \$3.75; 30 lbs., \$7.00.

320. **SURPRISE.\*** One of the earliest wrinkled peas. Pods of good size and well filled with tender, sweet peas. Pkt., 10c; lb., 40c; 2 lbs., 70c, postpaid. By express: 7½ lbs., \$2.25; 15 lbs., \$4.00; 30 lbs., \$7.50.

329. **LITTLE GEM.\*** Probably the most popular of all peas for the home garden. The vines grow to about 15 inches in height, the pods to about three inches in length; the variety is productive and the peas of fine flavor, and considered by many to be the sweetest of all early peas. Pkt., 10c; lb., 40c; 2 lbs., 70c, postpaid. By express: 7½ lbs., \$2.15; 15 lbs., \$3.75; 30 lbs., \$7.00.



**FOR GARDEN PEAS** Means you will get a more robust vine, a heavier crop and make this legume enrich the soil in which it is used. Once tried on garden peas you will always use it. It pays for itself ten times over. It is not an expense but an investment. Price Garden Size, sufficient for 8 pounds, 22c, postpaid. Not post-paid, 20c.

# PARSLEY

**CULTURE.** Sow as early in the spring as the weather will permit. Since the seed germinates only slowly first soak it for a few hours in tepid water. Sow thickly in rows about a foot apart and half an inch deep. Each packet contains enough seed to sow 40 feet of drill. One ounce sows 150 feet. Three pounds one acre.



**305. CHAMPION MOSS CURLED.** A very fine variety. The vigorous, compact plants grow very quickly, producing fresh and tender, bright green leaves, so curled and crumpled that they have the appearance of curled moss. Besides its use as a vegetable, it is a handsome border plant and may be grown in pots or window boxes for its beautiful foliage. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.00, postpaid.

**308. OLDS' DWARF PERFECTION.** A very handsome plant, bright, pea-green leaves of excellent flavor. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.00, postpaid.

**309. HAMBURG (Turnip Rooted).** The root is the edible part of this variety. It resembles in color and shape a small parsnip. These may be stored in the cellar for winter use if desired. The leaves are similar to plain parsley, and may be used for flavoring. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.00, postpaid.

## OLDS' DWARF PERFECTION PARSLEY PARSNIP.

**CULTURE.** Sow as early in the spring as possible, in drills 15 inches apart, covering half an inch deep. When well up, thin to 5 or 6 inches apart in the row. Each packet contains enough seed to sow 25 feet of drill. One ounce 200 feet of drill. Six pounds one acre.

**310. \*IMPROVED GUERNSEY.** A much better variety than its parent, the Hollow Crown; it is more of a half-long in shape, being thicker and shorter, and more easily pulled. It is a very heavy yielder; roots, smooth; flesh, fine-grained and of excellent flavor. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.15, postpaid.

**311. HOLLOW CROWN.** The old standard parsnip, long rooted, sweet flavored, and desirable. Excellent, also, for stock feed. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.15, postpaid.

# PEPPER

**CULTURE.** Sow in hot beds or boxes in the house early in April, and transplant to the garden when the weather is favorable. Set in warm, mellow soil in rows 18 inches apart.

Each packet contains enough seed to produce 150 plants. One ounce will produce 1,500 plants.

**354½. ROYAL GIANT.** This is a very thick meated variety, usually having about twice the thickness of meat that the old varieties have. Pkt., 5c; oz., 40c; ¼ lb., \$1.30; lb., \$4.00, postpaid.

**355½. RED CHILI.** A rather late variety, with peppers about ½ inch or less in diameter, tapering to a point; about 2 inches long. Pkt., 5c; oz., 40c; ¼ lb., \$1.30; lb., \$4.00, postpaid.

**357. RED CLUSTER.** Small, thin, red pods borne upright in clusters. This variety is very pungent, and is used extensively in chili sauce. Pkt., 5c; oz., 40c; ¼ lb., \$1.30; lb., \$4.00, postpaid.

**356½. PIMENTO.** This variety is used not only for salads and mangoes, but by canners. The flesh is very thick, mild and sweet, and color a glossy red when ripe. Pkt., 10c; oz., 40c; ¼ lb., \$1.30; lb., \$4.00, postpaid.

**355. \*OLDS' EARLY NEAPOLITAN.** The peppers are of good size, flesh thick and mild, two weeks earlier than the Bull Nose. Color, light green, changing to bright red. Pkt., 10c; oz., 40c; ¼ lb., \$1.30; lb., \$4.00, postpaid.

**354. \*CHINESE GIANT.** One of the very best and largest mango peppers. Its great size, fine shape, and beautiful, glossy red color and mild flavor all recommend it. It is very productive. Pkt., 10c; oz., 55c; ¼ lb., \$1.65; lb., \$5.00, postpaid.

**352. GOLDEN QUEEN.** The largest and sweetest pepper, often eight or nine inches long and 4 to 5 inches thick; sometimes as many as 20 large peppers are produced on a single plant. Pkt., 10c; oz., 55c; ¼ lb., \$1.65; lb., \$5.00, postpaid.

**350. \*RUBY KING.** One of the most popular varieties, growing 4½ to 6 inches long, and 3½ to 4 inches thick. The peppers are green to bright red and are among the best kinds for pickles. Pkt., 10c; oz., 35c; ¼ lb., \$1.15; lb., \$3.50, postpaid.

**351. BELL or BULL NOSE.** A vigorous plant growing two feet high. The peppers are large with thick, mild, sweet flesh, of excellent quality for salads or mangoes. Pkt., 10c; oz., 35c; ¼ lb., \$1.15; lb., \$3.50, postpaid.

**356. \*EARLY HARRIS.** This fine new pepper is especially recommended for its earliness and productivity; probably the earliest variety thus far introduced. Plants grow 18 inches high, bearing a load of fruit clustered all over the plant. These are of good size and very mild and sweet. We highly recommend Early Harris. Pkt., 15c; oz., 85c; ¼ lb., \$2.65; lb., \$8.00, postpaid.

**358. MIXED PEPPERS.** The above varieties mixed, thereby making a succession of the most desirable varieties of early and late, hot and mild, and large and small peppers. Pkt., 5c; oz., 30c; ¼ lb., \$1.00; lb., \$3.00 postpaid.

**358½. HOT VARIETIES.** Including Chili, Cayenne, Tobacco and others. As "hot as fire." Pkt., 5c; oz., 30c; ¼ lb., \$1.00; lb., \$3.00, postpaid.



Ruby King.



See page 93 for Pyrox.



# TOBACCO

500. **★COMSTOCK SPANISH.** The oldest and best known tobacco in Wisconsin. We are fortunate in securing our seed from Mr. W. T. Pomeroy, well known grower, dealer and authority on Wisconsin leaf tobacco. We believe that this in itself assures the purity of our strain, for it was the pioneer grandfather of our Mr. Pomeroy, who in 1847 brought to Wisconsin from Wethersfield, Connecticut, the original Spanish Comstock seed which has made Wisconsin the leading state in the production of the best binder leaf. Since that time three generations of Pomeroy's have grown this tobacco and our Mr. Pomeroy is devoted to preserving the purity and improving the quality of this famous variety. The genuine strain of Spanish Comstock is known for its vigor of growth, its broad, heavy leaves with rounded tips, its large yield and its agreeable blending of flavor with the filler. Our crop of 32 acres was grown under the supervision of Mr. Pomeroy, who personally selected the seed plants. 7,000 bags were used to prevent cross pollinating from inferior plants and to protect from frost; the pods were hand picked from crown stalks only; and the seed was cleaned and tested at the Wisconsin Experiment Station before being offered for sale. This tobacco has been endorsed by 65 leading tobacco packers, by the officials of the Wisconsin Tobacco Pool, and by the Wisconsin Experiment Station through Professor James Johnson. Pkt., 25c; oz., 75c; ¼ lb., \$2.75, postpaid.

503. **★WISCONSIN CONNECTICUT HAVANA NO. 38.** The years spent by Professor Johnson of the Wisconsin Experiment Station in selecting and experimenting with the varieties of Wisconsin tobacco, have resulted in the development of No. 38. It is the progeny of a single plant produced by careful breeding and selection. This variety has the endorsement of the Wisconsin Tobacco Pool and is proving of practical value to tobacco growers. Its characteristics are: Vigor of growth; good breadth, weight and texture of leaf; improvement of leaves at base of stalk; improved market quality, consisting partly of wrapper quality that blends with the filler tobacco without favoring the latter; and finally, the important matter of earliness. Our seed bed was disinfected before planting; the growing crop was visited, inspected and O.K'd by Professor Johnson; the seed ripened and was harvested before frost; and was finally cleaned and tested at the Experiment Station. Every possible precaution has been taken to safeguard and authenticate this seed. Pkt., 25c; oz., \$1.00; ¼ lb., \$3.50, postpaid.

501. **CONNECTICUT SEED LEAF.** Leaves of good length and width and the variety best adapted to the middle northern states. Pkt., 10c; oz., 35c, postpaid.

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., 10c; oz., 35c, postpaid.

## PEANUTS.

315. **MAMMOTH VIRGINIA.** The largest, sweetest and heaviest yielding variety. Any boy or girl can grow peanuts in the north. The stems are erect and so more easily cultivated than the common spreading varieties. With ordinary weather, this variety will produce a crop of good peanuts in the latitude of Wisconsin. Plant on a south slope, and in sandy soil if possible. Pkt., 10c; ½ lb., 25c; lb., 40c, postpaid.



Seed Field of Wisconsin No. 38.

## PUMPKIN.

Each packet contains enough seed to plant 6 to 8 hills; 3 to 4 pounds will plant one acre; one pound will plant an acre in corn. We especially recommend those marked with a star.

### PLEASE ORDER BY NUMBER.

360. **★KING OF MAMMOTHS.** This variety surpasses all others in size; specimens weighing 200 pounds; yellow flesh. It is an immense yielder, a splendid keeper and a valuable stock variety. Undoubtedly the best for exhibition purposes. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50, postpaid.

361. **★QUAKER PIE.** A distinct and very prolific variety, nearly round in shape, and of a creamy white both inside and out; the flesh is fine grained and rich in flavor; a good keeper and among the best for pies. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00, postpaid.

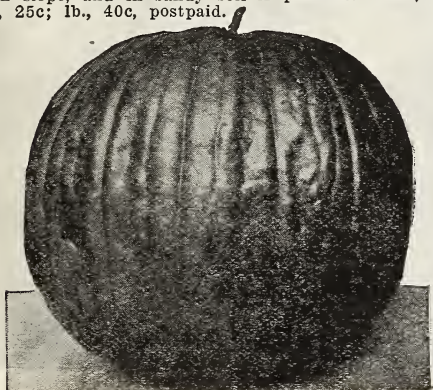
362. **★LARGE CONNECTICUT YELLOW FIELD.** The standard field pumpkin. A large round or slightly oval pumpkin. Skin reddish-orange, with rich orange colored flesh. Extensively grown for stock feeding, and usually planted with corn producing enormous crops in about 65 days. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; postpaid.

363. **SMALL SUGAR.** The famous New England Pie Pumpkin. A rather small round but flattened variety, fine grained and high in sugar content. It is a good yielder, and a good keeper. Color, deep orange-yellow. One of the best for pies. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.15, postpaid.

364. **WINTER LUXURY.** A splendid pie pumpkin, small, round, about 10 inches in diameter; skin finely netted, and a beautiful dark red color. The flesh is thick, sweet, tender, fine-grained and of good flavor; color, deep golden. The vines are healthy and productive and the pumpkins keep well during the winter. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.15, postpaid.

369. **GOLDEN OBLONG.** A fine variety, oblong in shape and golden-orange in color. Very sweet and dry, excellent for pies and a good keeper. Pkt., 5c; oz., 10c; ¼ lb., 40c; lb., \$1.25, postpaid.

369½. **OLDS' MIXTURE.** Pumpkins of all kinds all the season with one planting. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; postpaid.

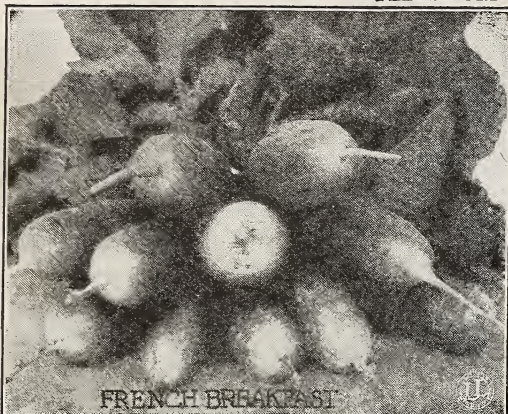


Connecticut Field Pumpkin.

# RADISH

Each packet contains enough seed to sow from 25 to 30 feet of drill; 10 to 12 pounds will sow one acre in drills. We especially recommend those marked with a star.

PLEASE ORDER BY NUMBER.



**373. ★OLDS' IMPROVED FRENCH BREAKFAST.** A quick growing, handsome, olive-shaped radish, deep scarlet in color, with a clearly defined white tip at the base. It measures about  $\frac{3}{4}$  of an inch through and about twice that in length, with very small top and tap root. It is usually ready for the table in about 25 days from sowing. Flesh, pure white and very crisp, tender, and mild. An excellent radish. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00; 5 lbs., \$4.50, postpaid.

**378. ★OLDS' SNOWBALL.** (White Box.) A large sized, round variety, largely grown for summer use. It has a small top, skin pure white. It takes about 30 days to mature, and is mild and sweet. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00; 5 lbs., \$4.50, postpaid.

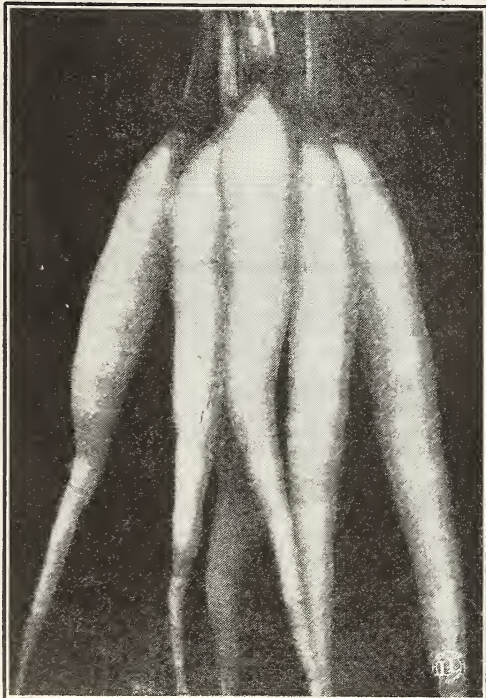
**385. ★WHITE ICICLE.** An old American variety, and by many considered the finest of all for table use. The roots attain a length of about  $5\frac{1}{2}$  inches, tapering regularly from near the shoulder to the tip. It keeps in condition a long time before becoming pithy, and is crisp, mild and sweet. Color pure white. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00; 5 lbs., \$4.50, postpaid.

**376. CRIMSON GIANT.** This is a new radish, often growing to double the size of the other early turnip-shaped varieties, while retaining its firmness and crispness longer than other earlies. It is quick growing, suitable for both forcing and out-door growing, developing roots of a handsome deep crimson, which vary in shape from round to oval. Flesh, pure white; flavor, mild. We highly recommended this radish. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25; 5 lbs., \$5.00, postpaid.

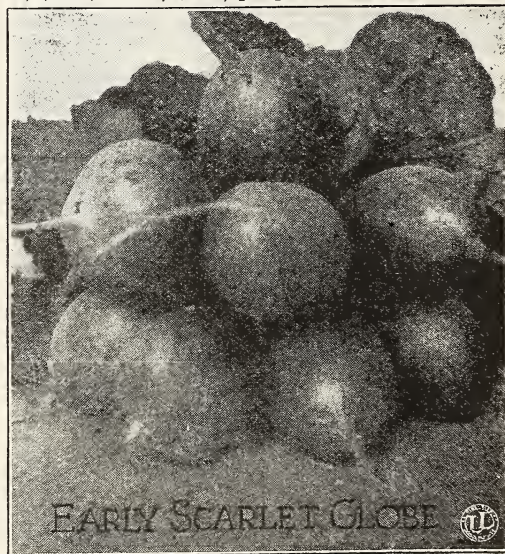
**370 $\frac{1}{2}$ . ★OLDS' BRIGHTEST WHITE TIP.** (Sparkler.) A splendid selection of the Early Scarlet Turnip White Tipped Radish, but showing more white, practically the whole lower half being pure white, and the upper, bright scarlet. This contrast makes it especially attractive to the eye, and its mildness, crispness and sweetness, make it equally pleasing to the taste. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00; 5 lbs., \$4.50.

**378 $\frac{1}{2}$ . OLDS' EARLIEST WHITE FORCING.** A selected strain, especially adapted to forcing in the greenhouse or hot bed, but may be used out of doors with excellent results. The flesh is white, crisp and tender. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 90c; 5 lbs., \$4.00, postpaid.

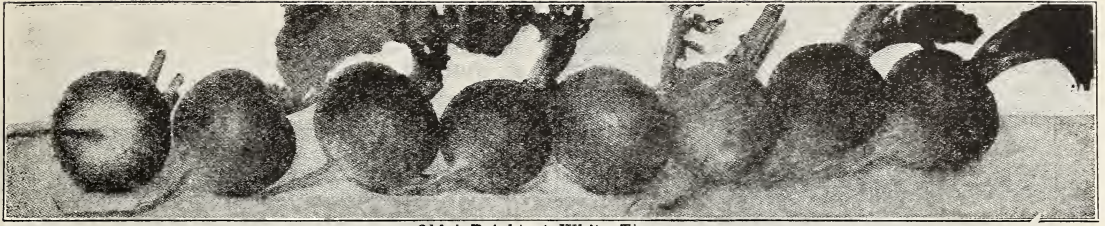
**377. EARLY SCARLET GLOBE.** (Vick's.) The best all round radish for early outdoor sowing. The skin is a bright scarlet; flesh, pure white, crisp, tender and of delicious quality. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.15; 5 lbs., \$4.75, postpaid.



White Icicle,







Olds' Brightest White Tip.

371. **★OLDS' EARLY SCARLET TURNIP.** A splendid, early, round bright-red, turnip-shaped radish; flesh white, crisp and tender. A great favorite both with market gardeners and home gardeners. It grows quickly and is perhaps the most popular of all radishes. At any rate it is by far our largest seller. Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., \$1.00; 5 lbs., \$4.50, postpaid.

381. **WHITE STRASBURG.** A good second early, large radish, suitable for late planting when earlier varieties are not good under summer weather conditions. After reaching its full size, which is about 5½ inches long and 1½ inches in diameter, it will stay in condition nearly two weeks before becoming pithy. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c; 5 lbs., \$4.00, postpaid.

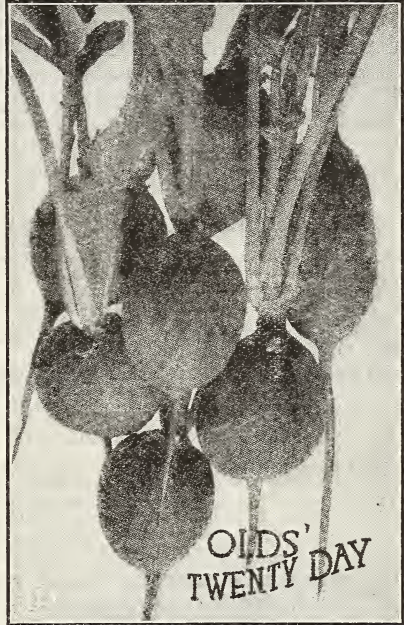
382. **BRIGHTEST LONG SCARLET.** One of the oldest varieties listed in America, having been introduced in 1793. The bright scarlet root grows to about 5 or 6 inches long and 1 inch through. It is crisp and tender, rather pungent, and must not be allowed to remain too long after attaining its growth or it will become pithy. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c; 5 lbs., \$4.00, postpaid.

384. **CINCINNATI MARKET.** An improved strain of Long Scarlet. The tops are very small, so that they may be grown very close. It is a long red radish, growing straight and smooth, with crisp, mild flesh and pleasant flavor. One of the very best market varieties. Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., \$1.00; 5 lbs., \$4.50, postpaid.

383. **IMPROVED CHARTIER.** (Shepherd). The largest and handsomest of the long, red radishes. This variety grows rapidly and remains hard and crisp until it reaches a diameter of about an inch and a quarter, thus furnishing good roots a long time. The color at the top is rose, fading gradually to pure white at the tip. It is a good summer radish, since it resists drought effectively, and is usually not planted until late. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c; 5 lbs., \$4.00, postpaid.

394. **OLDS' MIXED RADISH.** An assortment of radishes may be easily grown together with pleasing results, affording the diner his choice of an interesting variety at the table. He may choose long, olive or turnip-shaped, in white, red or rose, either mild or pungent. This mixture will furnish good radishes for a long season with only one planting. Pkt., 3c; oz., 10c; ¼ lb., 20c; lb., 75c; 5 lbs., \$3.50, postpaid.

375. **SAXA.** This new variety is of a fine scarlet color, round with a very small top and tap root. It is very early, and has been placed on the dining table in three weeks from the time the seed was sown. Very crisp, juicy and mild. It may be sown as early in the spring as the garden can be worked, and is adapted to greenhouse culture. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.15; 5 lbs., \$4.75, postpaid.



374. **★OLDS' TWENTY DAY.** An extra early, olive-shaped, deep-scarlet radish. It is especially adapted for forcing and has been known to grow so rapidly as to make table size in twenty days from planting. It is also an excellent garden variety, flesh crisp and mild, attractive in appearance, and, we believe, the earliest of all radishes. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25; 5 lbs., \$5.00, postpaid.

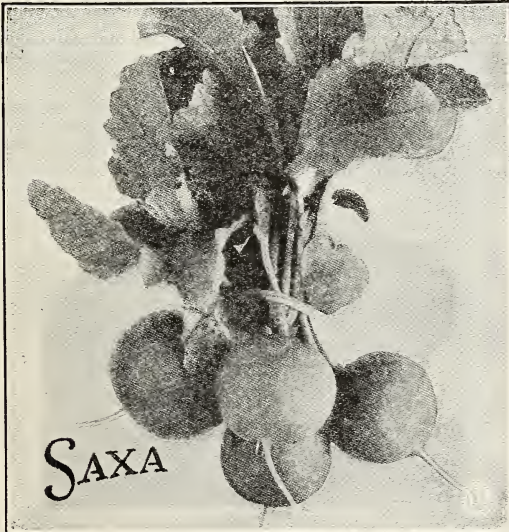
#### WINTER RADISHES.

390. **NEW WHITE CHINESE.** (New Celestial.) A large, half-long radish, which will keep in fine condition a long time. White and brittle. Excellent for market gardeners' use, on account of large size and handsome appearance. Can be sown any time from July 1st to August 15th. Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., \$1.00; 5 lbs., \$4.50, postpaid.

391. **CHINA ROSE WINTER.** Handsome, long rose-colored, mild, sweet flavored, and of crisp, brittle texture. It is smooth and cylindrical in shape, and keeps well through fall and winter. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c; 5 lbs., \$4.00, postpaid.

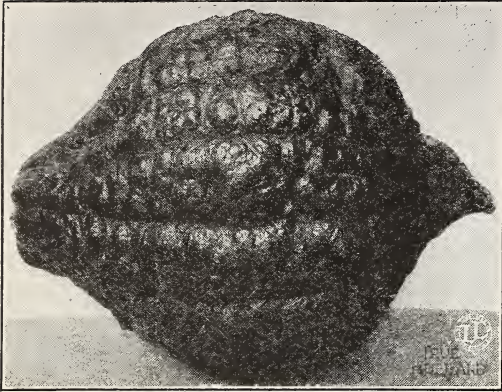
392. **LONG BLACK SPANISH.** One of the oldest but one of the best. The skin is black, and the flesh white and firm. Grows 6 to 8 inches long, and thus is a great yielder. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c; 5 lbs., \$4.00, postpaid.

393. **MAMMOTH JAPANESE.** This is a new and improved winter radish, of excellent appearance and unusually good keeping quality. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c; 5 lbs., \$3.75, postpaid.



# SQUASH

We especially recommend those marked with a star.  
PLEASE ORDER BY NUMBER.



411. **★TRUE HUBBARD.** Considered the best of the winter squashes and more largely grown for market and general use than any other variety. A large olive-shaped squash with dark green skin; thick, fine grained flesh of good flavor and of orange-yellow color; cooks up dry if ripe. A good keeper. The vines are large and strong, completely covering the ground. Yields heavily. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25; 5 lbs., \$5.75, postpaid.

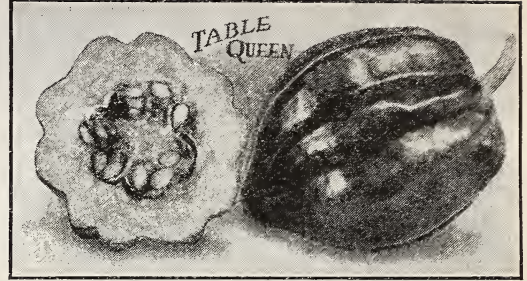
413. **GOLDEN HUBBARD.** (Red Hubbard.) Identical in form and fruitfulness with True Hubbard, but somewhat smaller and earlier; the chief distinction, however, is that, the moderately warted skin is orange-yellow, turning to a deep salmon-red when fully ripe. Like the True Hubbard the flesh is thick, fine grained and of good quality, cooking up dry. It also is a good keeping winter variety. Weight about 8 pounds. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; 5 lbs., \$4.00, postpaid.

418. **BLUE HUBBARD.** Very short crop this year, with seed scarce and high. Like other Hubbards, this is a winter squash, of good quality and an excellent keeper. Skin a slate-blue, and a great favorite in the eastern states. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$1.75; 5 lbs., \$9.00, postpaid.

414. **ORANGE MARROW.** (Prolific Marrow.) Skin, orange-red and shape similar to the Hubbards, that is, pointed at both ends. It is earlier and smaller, however, weighing only about 7 pounds; is a great yielder, and a squash of merit. Flesh thick, yellow and dry. Season, September to January. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; 5 lbs., \$4.00, postpaid.

417. **VEGETABLE MARROW.** (Italian Vegetable Marrow, Cocozella.) A summer squash, good to use when immature, and of the type of plant known as a "bush." The fruit is long and cylindrical, tapering slightly to the stem end, varying from 12 to 16 inches in length and 3 to 4 inches in diameter. The skin is of a dark green color, changing to alternate stripes of green and gold as it ripens. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; 5 lbs., \$4.00, postpaid.

407. **★GIANT SUMMER CROOKNECK.** The fruit is of an attractive golden-yellow color and covered with fine warts. Grows from 15 to 20 inches long. The few seeds are all in the blossom end. Very prolific, of good quality, and by far the most popular of the summer varieties. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.10; 5 lbs., \$5.00, postpaid.



409. **★OLDS' TABLE QUEEN.** This unique winter squash has already won favor second only to Hubbard and in some particulars is preferred to that excellent variety. Equal to the Hubbard in flavor, dryness and keeping quality and just the right size to cut in half, (when it will bake in 20 minutes) and serve individually in the half shell. The shell is hard, smooth and ridged; of a uniform dark green color, averaging 6 to 8 inches in diameter. Vines vigorous and very productive. Ripens in the fall and keeps well into the winter. Splendid for pies. A favorite in the fancy grocery trade. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$1.75; 5 lbs., \$8.00, postpaid.

408. **BURPEE'S FORDHOOK.** A summer variety, but adapted to both summer and winter use. The vigorous, healthy vines yield many light yellow, oblong squashes which taper somewhat to the stem end. The fruits measure about 8 inches long by 3 inches through; surface smooth with several slight ridges. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; 5 lbs., \$4.00, postpaid.

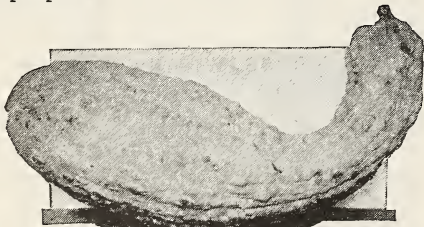
415. **BOSTON MARROW.** A large, hard shelled, winter squash similar to Hubbard in size and shape, but having bright orange colored skin. It is also popular with eastern gardeners. An excellent keeper. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; 5 lbs., \$4.00, postpaid.

420. **MAMMOTH CHILI.** The largest squash of all, sometimes attaining a weight well over 100 pounds, and very frequently weighing 75 pounds. It yields enormously, usually varying from 8 to 15 tons per acre; widely used for stock feeding. Mammoth Chili is a winter squash of bright orange color mottled with yellow. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.25; 5 lbs., \$5.75, postpaid.

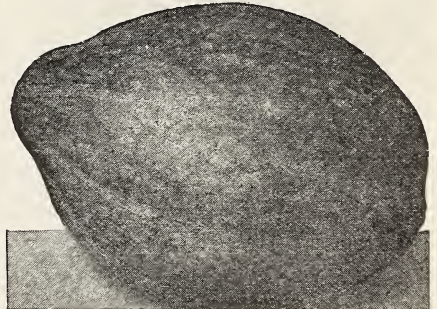
405. **MAMMOTH WHITE BUSH SCALLOP.** Patty Pan. An early maturing summer variety which will bear throughout the season if kept gathered. Squashes white and good sized; flesh thick and of very fine quality. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.00; 5 lbs., \$4.50, postpaid.

424. **OLD'S MIXTURE.** Squashes may be had of every variety throughout the season by the use of this mixture. Named varieties only used and all good ones. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.50, postpaid.

410. **★DELICIOUS.** This variety rivals all others in dryness, sweetness and richness of flavor. The shell is green, flesh deep orange. An excellent keeper and widely popular. A great pie squash. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25; 5 lbs., \$5.75, postpaid.



Giant Summer Crookneck.



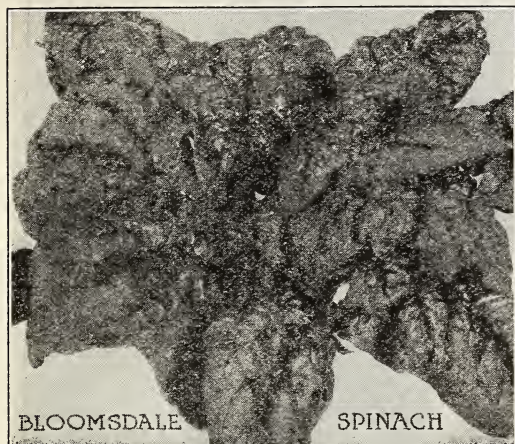
Delicious.

THE USE OF PYROX RECOMMENDED FOR THIS CROP. DESCRIBED ON PAGE 93.

# SPINACH.

**CULTURE.** This is a very important market-garden crop, and one of the most easily managed of all vegetables, requiring but little attention. May be had in condition for use during the entire season. The main crop for spring use is sown in August or September, about one inch deep in rows a foot apart. If the field is exposed cover with about 3 inches of straw to prevent it from being cut by frost; but if the field is sheltered, covering is unnecessary. For summer use, sow at intervals of two or three weeks from April to August. To be tender and succulent spinach must be grown in rich soil.

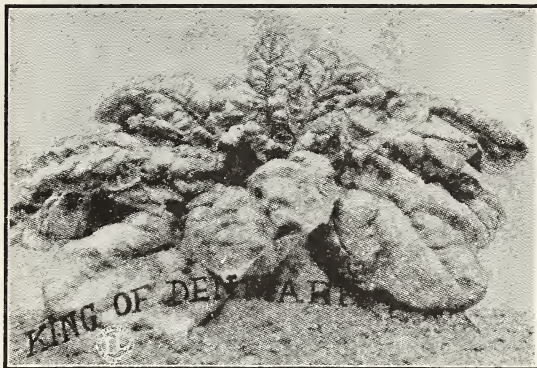
Each packet contains enough seed to plant 12 to 15 feet of drill. One ounce will plant 50 feet; 10 to 12 pounds will plant one acre. We especially recommend those marked with a star. PLEASE ORDER BY NUMBER.



402. **★BLOOMSDALE.** (Norfolk Savoy Leaved.) This is a very early variety and one of the best to plant in the autumn for early spring use. The plant is of upright growth, with thick, glossy, dark green leaves of medium size, pointed but broad, and crumpled like those of Savoy cabbage. It is very hardy, but seeds quickly in warm weather. Suitable for home gardens but grown most by market gardeners. The most widely used variety. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.25, postpaid.

404. **PRICKLY WINTER.** (Long Standing Prickley.) This variety is an improved strain of the long standing type of spinach that matures a little later than the round seeded kinds. The plant is very large at maturity, very vigorous and hardy, and produces a large crop of medium-sized leaves. These are usually rounded at the end, quite thick and uniformly dark green. Seed prickly. Although usually planted in the fall, it is also well adapted to spring use. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 70c; 5 lbs., \$3.00, postpaid.

404½. **OLDS' MIXTURE.** Will furnish greens all the season from one sowing. We make up this mixture ourselves. Pkt. 3c; oz., 10c; ¼ lb., 20c; lb., 60c; 5 lbs., \$2.75, postpaid.



401½. **★KING OF DENMARK.** A new Spinach and a very valuable introduction. The plants are ready for use as soon as the early kinds and remain in good condition two weeks after other varieties have gone to seed. The plants grow rapidly, resembling the Long Season in type but leaves are more crumpled and are darker green in color, thick, of good quality and stand well after cutting. We believe this variety will, in a few years, become the leader. A great favorite with both the home and market gardener. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; 5 lbs., \$3.75, postpaid.



403. **★OLDS' LONG SEASON.** (Triumph.) About the best long season spinach. The plant makes a flat rosette of very dark green, broad, crumpled, tender leaves. Remains in good condition through hot summer weather and stands an exceptionally long time without running to seed; it is therefore one of the best varieties for spring and early summer planting. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.25, postpaid.

403½. **NEW ZEALAND.** Entirely distinct from true spinach in type. Thrives in hot weather and in any soil, rich or poor. The stems and leaves are soft, thick, fleshy and crystalline in appearance; plant, tall and spreading, with numerous side shoots; leaves rather small and pointed. Germination of the seeds may be hastened by soaking in warm water twenty-four hours. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.25, postpaid.

## BUYING SEEDS.

Perhaps no other business is built and maintained on character and confidence to the extent that the seed business is. In no other business, probably, is the purchaser so dependent on the knowledge and integrity of the seller. It is impossible for anyone to tell by looking at it, whether or not a certain seed will grow, or if it does grow, whether it will produce the kind of crop desired. It is impossible to tell by looking at it, whether turnip seed may not be rape seed, or whether clover seed from southern Europe may not be hardy Wisconsin seed. Buying seed, then is largely a matter of confidence. We are much gratified by the knowledge that our customers realize this and that they know they can depend on us. As a result of this confidence, many new friends are added to our list each season and their orders sent us solely because some friend has recommended us to them. We appreciate this and thank them. This year we are discarding many varieties of vegetable and flower seeds for new ones which our trial grounds have proven to be better. We are working toward a list which we intend shall represent only the very best varieties of each class. We fully expect your approval in this.

The seedsman's business requires his customers' hearty co-operation if it is to grow and succeed as it should. Likewise your business (that of growing crops) needs the full co-operation of the seedsman. He should develop and introduce new and better strains wherever possible, besides carrying the valuable old varieties.

We are always glad to hear from you, particularly if there is something we can help you on. We also want you to let us know if everything is not just as it should be in the way your order is filled.

## WHAT OUR CUSTOMERS SAY ABOUT US, OUR SEEDS AND OUR WAY OF DOING BUSINESS.

Fred B. Libey, writes: "Either myself or some member of my family orders seeds from your house every year. Can find none equal to them—and am very grateful for your prompt shipments and square methods of dealing."

Mrs. Minnie Craig, Wisconsin, writes:

"I know your seeds will grow because I have had good results. Had dandy onions, and peas were just fine. I recommended your seed to all my neighbors and they all say I have such a nice garden. Please send the seeds as soon as you can. Will put in my garden as soon as the ground is ready."

"I will be glad to recommend your Seed Company, as I have dealt with you for the last 15 years and never received any other than a square deal and in many cases better articles than I expected."

H. R. Martin, Illinois.

"I have sent to you for garden seeds and find them to be excellent. This is the third year I am ordering of you. Will probably send you another order later. Thanking you for all past favors, I remain your customer."

Mrs. Chris Albrecht, Jr., Illinois.

"We have used your seeds about seventeen years and have always been well satisfied."

Mrs. J. C. Reetz, Michigan.

# TOMATO

Each packet contains enough seed to produce 300 plants; 3 ounces of seed will plant one acre. We especially recommend those marked with a star. **TOMATO PLANTS.** See page 87.  
PLEASE ORDER BY NUMBER.



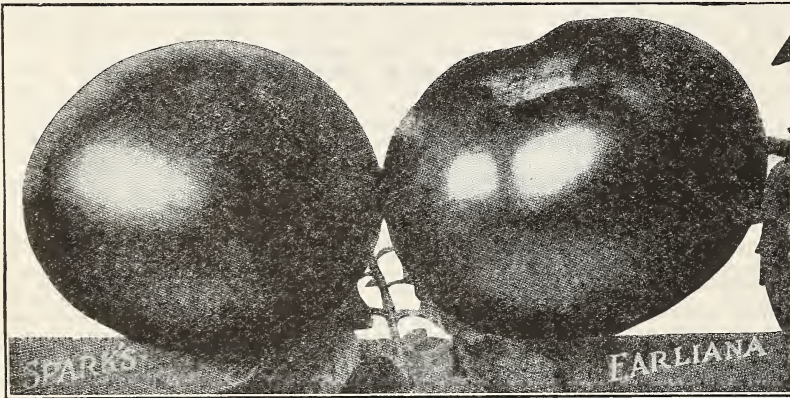
New  
Stone

427. ★**NEW STONE.** The standard main crop variety; always dependable, very vigorous and productive. The fruit is round, large, solid, smooth and deep red in color. Our seed is from selected stock. Pkt., 10c; oz., 40c; ¼ lb., \$1.25, postpaid.



Chalk's  
Early Jewel

434. ★**CHALK'S EARLY JEWEL.** An exceptionally fine early variety only a few days later than Earliana. Large handsome fruit, smooth, round and solid, with comparatively few seeds, and sweet flavor. A good canner. Pkt., 10c; oz., 40c; ¼ lb., \$1.20, postpaid.



SPARK'S

EARLIANA

426. ★**SUCCESS.** Just right for a second early; bright red, of fine flavor and handsome appearance. The vines are strong and vigorous; fruits set in clusters and average three inches in diameter. Pkt., 5c; oz., 30c; ¼ lb., \$1.00, postpaid.

439. ★**OLDS' GOLDEN BEAUTY.** (Golden Queen). A large, smooth, pure yellow tomato. Quality excellent in all respects, either for slicing or preserving. Pkt., 10c; oz., 40c; ¼ lb., \$1.25, postpaid.

428. ★**FORDHOOK FIRST.** A perfectly smooth, solid tomato of first class appearance, maturing very early. The introducer, Burpee, says of it: "We consider it the most outstanding early pink fruited tomato in existence. The fruits grow to a good size and are borne most prolifically all over the vines. Pkt., 5c; oz., 30c; ¼ lb., \$1.00, postpaid.

429. ★**MATCHLESS.** A great main-crop tomato of large size and perfectly smooth. Fruit, a handsome cardinal red, firm and solid, with an unusual amount of meat. Pkt., 10c; oz., 45c; ¼ lb., \$1.50, postpaid.

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—deep red flesh. Pkt., 10c; oz., 40c; ¼ lb., \$1.25, postpaid.

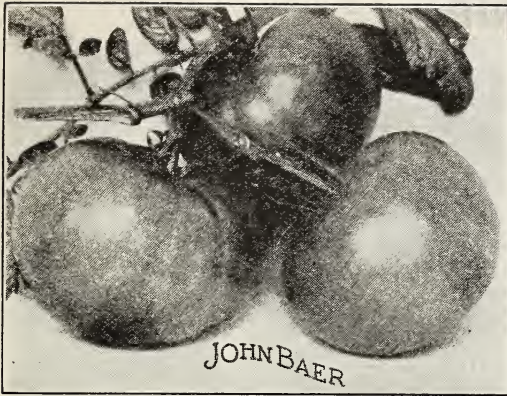
435. ★**OLDS' SPECIAL EARLIANA.** An improved selection from the Spark's Earliana, earlier and more solid than the original type. We believe this is the earliest tomato grown. Extra select seed produced on our own farm. Pkt., 15c; oz., 45c; ¼ lb., \$1.50, postpaid.

444. ★**BONNY BEST.** An extra fine early variety for the home garden; a few days later than the Earliana. The color is bright red; ripens evenly to the stem. It is a vigorous grower, quite productive and with splendid foliage for protecting the fruit from the hot sun. Pkt., 10c; oz., 40c; ¼ lb., \$1.25, postpaid.

440. ★**LIVINGSTON'S GLOBE.** This tomato is a beautiful globe in shape. On account of this, a greater number of slices can be taken from each tomato. It ripens with the second earlies. Pkt., 10c; oz., 40c; ¼ lb., \$1.25, postpaid.

430. ★**DWARF STONE.** One of the best of the dwarf varieties and of the typical sturdy, dwarf habit of growth. Fruit large, smooth, solid and deep scarlet. A desirable home garden variety. Pkt., 5c; oz., 30c; ¼ lb., \$1.00, postpaid.

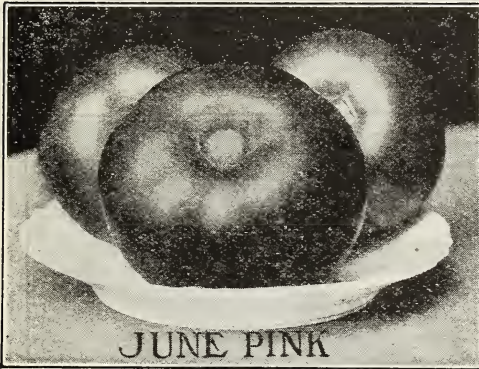
431. ★**TRUCKERS' FAVORITE.** A good main-crop variety of the same season as Matchless, and equally as productive. Fruits large, purple, regular in size and form, thick meat and solid. Pkt., 5c; oz., 30c; ¼ lb., \$1.00, postpaid.



436½. **★JOHN BAER.** A new variety of merit. It is a few days later than Earliana, but produces a much heavier crop. Tomatoes large; bright red in color. Pkt., 10c; oz., 40c; ¼ lb., \$1.25, postpaid.

442½. **LIVINGSTON'S MANYFOLD.** Introduced by Livingston in 1917, and the earliest of the large varieties. Nearly equal to Stone in both size and yield, it begins bearing earlier, thus lengthening the season. The fruit is borne in clusters of which there are many, and consisting of five or more large, smooth red tomatoes, nearly every one of marketable size. Pkt., 5c; oz., 30c; ¼ lb., \$1.00, postpaid.

428½. **EARLY DETROIT.** Introduced by Ferry, who says of it: "This splendid variety introduced by us in 1909, is the largest and best of the early purplish pink tomatoes. The vines are vigorous and very productive. The fruits are smooth, uniform in size, nearly globe shaped, firm and of excellent quality. Early Detroit is one of the most valuable shipping tomatoes yet produced. It is also desirable for home gardens and near markets." Pkt., 5c; oz., 30c; ¼ lb., \$1.00, 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; similar in habit and shape to the Earliana, differing from it in color only. The June Pink while primarily an early tomato continues to bear and ripen fruit up to frost. Pkt., 10c; oz., 40c; ¼ lb., \$1.25, postpaid.

445. **RED PEACH.** Fine for eating raw. The fruits resemble peaches in size, shape and color. Large enough to slice, can or use in any way that larger tomatoes are used as well as for pickling, preserving, etc. Pkt., 5c; oz., 30c; ¼ lb., \$1.00, postpaid.

446. **YELLOW PEAR.** Fruit a bright handsome yellow. Excellent for eating raw, but usually grown for preserves and "tomato figs." Pkt., 10c; oz., 45c; ¼ lb., \$1.50, postpaid.

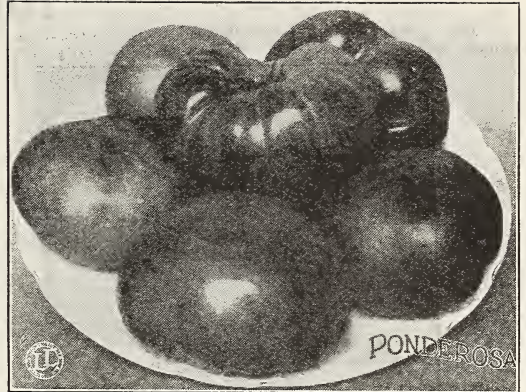
447. **YELLOW PLUM.** Perhaps even more popular for preserves than Yellow Pear. Grows in clusters; the shape and size of a wild plum but a much brighter yellow. Pkt., 5c; oz., 30c; ¼ lb., \$1.00, postpaid.

447½. **RED PLUM.** Exactly like Yellow Plum except in color, and used for the same purposes. Fine for "tomato figs." Pkt., 5c; oz., 30c; ¼ lb., \$1.00, postpaid.

448½. **YELLOW CHERRY.** Fruits of a light lemon color, about half an inch in diameter; bears early and freely until frost. Pkt., 5c; oz., 30c; ¼ lb., \$1.00, postpaid.

449. **RED CURRANT.** Smaller than Yellow Cherry and red in color. Used for pickles, chowder, preserves, etc. Pkt., 5c; oz., 30c; ¼ lb., \$1.00, postpaid.

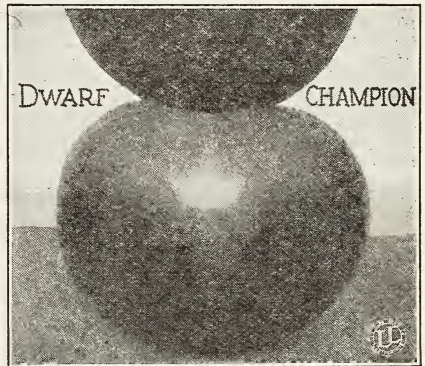
455. **GROUND CHERRY.** (Husk Tomato). Greatly valued in preserves, pies and sauce, which are delicious. The fruits are about half an inch in diameter, yellow, and of a very sweet agreeable flavor. They are enclosed in a husk or calyx. Pkt., 10c; oz., 45c; ¼ lb., \$1.50, postpaid.



437. **PONDEROSA.** See illustration. The Giant Tomato. The Tomatoes grow in beautiful clusters, mostly oblong in shape, with solid flesh and with small seed cells. Color deep purple. Pkt., 10c; oz., 45c; ¼ lb., \$1.50, postpaid.

438. **★ENORMOUS.** Also called Beefsteak and Crimson Cushion. Really a red Ponderosa and the largest of all red tomatoes. A mid-season, main crop variety, very large, very smooth, with solid meat and few seed cells and seeds; of oval or oblong shape rather than round like Stone. The vines are large, strong and vigorous bearing many "Enormous" bright red fruits of good flavor. Planted on good soil, Enormous tomatoes frequently attain a weight of one pound or more. Pkt., 10c; oz., 40c; ¼ lb., \$1.25, postpaid.

442. **LIVINGSTON'S CORELESS.** Introduced by Livingston in 1908, who says of it: "In shape, almost round. The depression at the stem end has been almost eliminated; is immensely productive; clusters of 4 to 7 fruits are produced at six to eight inches apart along the stem. All of the fruits are of marketable size, and many of them are quite large, twelve to fifteen ounces." Pkt., 5c; oz., 30c; ¼ lb., \$1.00, postpaid.



432. **DWARF CHAMPION.** A very popular dwarf variety; desirable where space is limited; fruit is smooth, solid and medium in size; color pink. Pkt., 5c; oz., 30c; ¼ lb., \$1.00, postpaid.

446½. **RED PEAR.** Fruit bright scarlet and handsome, and distinctly pear-shaped. The color and shape make them very attractive, and the flavor is good. A favorite for preserves and for "tomato figs." Pkt., 5c; oz., 30c; ¼ lb., \$1.00, postpaid.

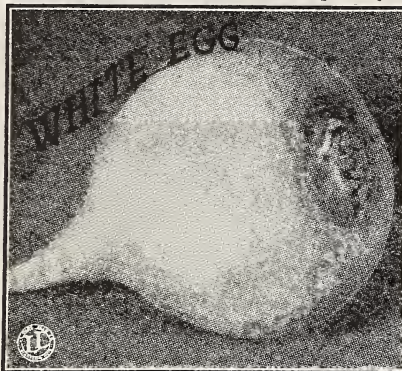
451. **LARGE FRUITED VARIETIES MIXED.** This is an excellent assortment of named varieties mixed, which will provide the choicest kinds of tomatoes throughout the growing season. Since this mixture provides both early and late varieties; flat and globe shapes; of red, pink, purple and yellow color, it makes an interesting and instructive season for the gardener. Pkt., 3c; oz., 25c; ¼ lb., 90c, postpaid.

450. **SMALL FRUITED VARIETIES MIXED.** An interesting mixture comprising Red and Yellow Cherry; Peach, Plum, Currant and Husk Tomatoes. Very desirable for preserves; dried in the sun and packed with sugar they make a fine substitute for figs. Pkt., 3c; oz., 25c; ¼ lb., 90c; postpaid.

**TOMATO PLANTS.** Transplanted from hotbed; ready in May and June. See page 87.  
For Pyrex see page 93.

# TURNIP

Each packet contains enough seed to sow more than fifty feet of drill; 1 pound will sow one acre in drills; 2 to 3 pounds will sow one acre broadcast. We especially recommend those varieties marked with a star.



White Egg.

464. **WHITE EGG.** A quick grower, egg-shaped, of high quality and always sweet, crisp and solid; entirely without rank or bitter flavor, even when growing conditions are unfavorable. For either spring or fall sowing. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; 5 lbs., \$2.75, postpaid.

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, is hardy and a good keeper. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; 5 lbs., \$2.75, postpaid.

472. **YELLOW ABERDEEN.** A large, globe-shaped, yellow turnip with purple top. Fine for use in the fall or early winter or for stock feeding. A heavy cropper. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; 5 lbs., \$2.75, postpaid.

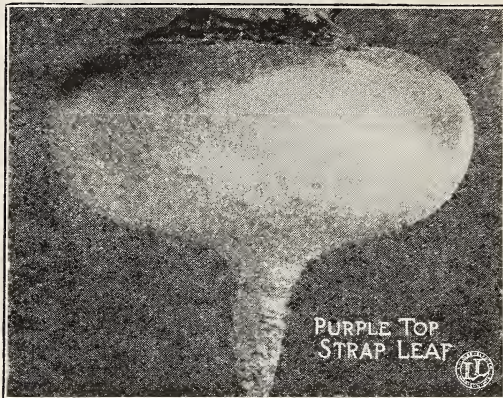
461. **★EXTRA EARLY PURPLE TOP MILAN.** A very early, flat turnip for table use. The roots are clean and white with the upper portion a beautiful purple-red. The flesh is white, tender and of fine flavor. Pkt., 5c; oz., 15c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.50, postpaid.

473. **JAPANESE.** The Japanese, who are famed for their epicurean tastes, consider this the finest turnip grown. It is very large, often measuring 8 inches in diameter. Color white; flesh solid, crisp and tender; flavor mild and sweet. Grow Japanese to exhibit at the fairs. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; 5 lbs., \$2.75, postpaid.



466. **★OLDS' 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., 15c; ¼ lb., 20c; lb., 75c; 5 lbs., \$3.50, postpaid.

474. **MIXED.** By sowing this well balanced mixture, you are assured purple, white and yellow turnips of long, round and flat shapes from early summer until winter. You will find it most interesting to try to identify each variety grown, from our catalog descriptions. The varieties used are all good, high grade turnips and the price is very low. A valuable offer. Pkt., 3c; oz., 10c; ¼ lb., 20c; 20c; lb., 60c; 5 lbs., \$2.50, postpaid.



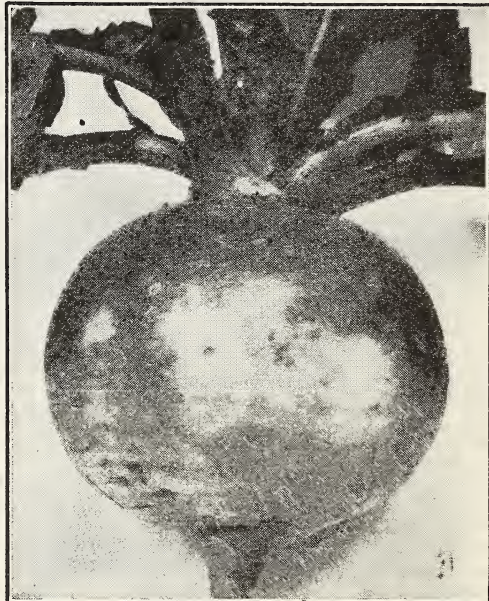
460. **★OLDS' PURPLE TOP STRAP LEAF.** The well-known standard variety, and a great favorite for table use. Flat in shape, purple above ground, and white below. Pkt., 5c; oz., 10c; ¼ lbs., 20c; lb., 60c; 5 lbs., \$2.75, postpaid.

471. **GOLDEN BALL.** (Orange Jelly.) One of the most delicate and one of the sweetest of yellow fleshed turnips. Not large but firm, hard and of excellent flavor, a good keeper. Pkt., 5c; oz., 15c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.50, postpaid.

467. **COW HORN.** Pure white, except a little shade of green at the top. Carrot shaped, slightly crooked and growing nearly half out of the ground, making it easy to harvest. Early. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; 5 lbs., \$2.75, postpaid.

463. **WHITE FLAT DUTCH.** A popular table variety. Early, quick growing and tender; skin clear white; flesh juicy; flavor mild; shape flat. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; 5 lbs., \$2.75, postpaid.

462. **EARLY WHITE MILAN.** The earliest turnip. Tops very small, strap leaved and erect. The clean, white, flat roots are smooth, symmetrical and handsome. Flesh white, tender and sweet. Pkt., 5c; oz., 15c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.50, postpaid.



Purple Top White Globe.

465. **★OLDS' PURPLE TOP WHITE GLOBE.** Very attractive in appearance; a rapid grower, with pure white flesh; a sure cropper, and a great yielder. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; 5 lbs., \$2.75, postpaid.

# RUTABAGA.



479. **★OLDS' GOLDEN HEART.** A new rutabaga; flesh, fine-grained, very mild and sweet; an excellent keeper, and in our opinion, the best of all varieties for the table and for feeding. It is a heavy yielder and its excellent shape makes it easily harvested. Mr. W. H. Mayo, Wisconsin, says: "You have a valuable prize in your new Rutabaga. It is not only fine grained, but is also a heavy yielder, making it a profitable crop to raise for the table or for feeding stock." We have a good supply of Olds' Golden Heart Rutabaga seed this year and are selling it at less than we have ever been able to before. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c; 5 lbs., \$2.25, postpaid.



475. **★OLDS' IMPROVED PURPLE TOP RUTABAGA.** This is an improved strain of the well known standard variety. It is a very heavy yielder, and has no tendency to grow long necks as some varieties do. It is very hardy, a fine keeper, and very satisfactory for both table and for feeding stock. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; 5 lbs., \$2.75, post paid.

478. **OLDS' LARGE WHITE RUTABAGA.** The flesh of this variety is white; milder and sweeter than the yellow fleshed varieties. It forms large smooth roots, slightly elongated; fine quality; excellent for both table and stock. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c; 5 lbs., \$2.25, postpaid.

477. **NEW NECKLESS RUTABAGA.** The roots grow to a large size, and are almost globular in form. The flesh is fine-grained, of a yellow color, mild and sweet. This variety will keep until late in the spring. Very good for table use. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c; 5 lbs., \$2.25, postpaid.

479½. **MIXED RUTABAGA.** A fine assortment of both yellow and white varieties. This is an excellent mixture for sowing broadcast with small grains, especially with oats. Sow at the rate of one to two pounds per acre. Rutabagas are available for table use or for pasture immediately after harvest, at a time when pastures generally are short. Sown thus immense yields are the rule, for rapid growth starts in as soon as the ground is relieved of growing the grain crop, and the shade of the standing grain removed. Pkt., 3c; oz., 5c; ¼ lb., 10c; lb., 35c; 5 lbs., \$1.60, postpaid.



## FALL BULBS.

### TO OBTAIN THE EARLIEST SPRING FLOWERS, PLANT FALL BULBS.

Did you forget to put in that Tulip bed last fall? Add the fall bulbs you want to your spring order and we will see that you get them in time for fall planting in October. All bulbs described below are sent Postpaid.

### TULIPS, EARLY SINGLE.

Half dozens and fifties at dozen and hundred rates.	Dozen	100
Artus. Deep, glowing scarlet. Fine for bedding or forcing. Our best selling early.....	\$.65	\$4.75
Keiserkroon (Grand Duke). Extra large, scarlet with broad yellow border.....	.75	5.25
Queen of Netherlands. White, deeply flushed with soft rose-pink.....	.75	5.25
President Lincoln. New. Large. Clear. The best violet-colored tulip.....	.70	4.75
Prince of Austria. Rich orange shading to scarlet. Sweet scented.....	.80	5.50
Yellow Prince. Large flowers of clear golden yellow.....	.75	5.25
Mixed. Early, single.....	.50	3.50

### TULIPS, MAY FLOWERING OR COTTAGE.

Picotée (Maiden's Blush). Lily-shaped flowers of ivory white, tipped and edged with rose.....	\$.65	\$4.75
Mrs. Moon. Long pointed blooms, petals slightly reflexed. Rich yellow.....	.85	5.50
Mixed Cottage.....	.55	3.75

### TULIPS, DARWIN.

Clara Butt. Salmon-pink. Long-lasting.....	\$.65	\$4.75
Farncombe Sanders. Very large blossoms. Brilliant rose-scarlet. Long stems.....	.80	5.50
Rev. H. Ewbank. Silvery heliotrope shading to lavender-gray.....	.65	4.75
La Tulipe Noire. Velvety black with just a shade of maroon, adding depth and richness.....	.85	5.75
Mixed Darwins.....	.50	3.75

### TULIPS, DOUBLE.

Rubra Maxima. Dazzling scarlet.....	\$.75	\$5.25
Conronne d'Or (Crown of Gold). Beautiful, rich golden-yellow.....	.85	5.75
Murillo. Fancy, large, pink, suffused with white.....	.65	4.75
Double Mixed.....	.55	4.00

### HYACINTHS.

	Each.	4		
L'Innocence. Pure white, extra large bells. A wonderful variety for forcing.....	\$.20	\$.65	\$1.75	\$14.25
King of the Belgians. Brilliant scarlet. Compact spike of medium size.....	.20	.65	1.75	14.25
Johan. Light porcelain-blue. Large bells.....	.20	.65	1.75	14.25
Moreno. Clear, satiny pink. Extra early and extra fine.....	.20	.65	1.75	14.25
City of Haarlem. The best golden-yellow hyacinth. Well filled spikes.....	.20	.65	1.75	14.25
King of the Blues. A rich, dark blue of splendid form. Rather late.....	.20	.65	1.75	14.25
Finest Mixed. Large bulbs for forcing or bedding.....		.55	1.50	13.25
Special Bedding Mixed. For outdoor planting.....			1.40	10.50
Giant Crocus, "Heralds of Spring." One of the earliest of flowers.....			.25	1.50

### NARCISSUS OR DAFFODIL.

Emperor. The King of Daffodils. The largest and finest all yellow trumpet-flowered narcissus.....	\$1.00	\$6.75
Victoria. Creamy-white perianth and rich yellow trumpet. Giant flowers. Fragrant.....	1.00	6.75
Golden Spur. Extra early, large-flowered with golden-yellow perianth and trumpet.....	1.00	6.75
Von Sion. The double-flowered daffodil. Clear yellow.....	1.00	6.75
Jonquils. A small flowering narcissus, with graceful, golden, fragrant blossoms.....	.65	4.50
Poet's Narcissus. White perianth and small yellow cup, edged with scarlet. Extra early.....	.55	3.50

### BULBS FOR FORCING.

Paper White Narcissus. Great clusters of white sweet-scented flowers on long stems.....	Four	Dozen
Chinese Sacred Lily. Fragrant white flowers with yellow centers.....	\$.30	\$ .80
Freesia, Giant Purity. Glistening white fragrant trumpet-shaped flowers.....	Each \$ .20	.65
		1.85
		.60



Most flowering plants will live in almost any soil, but to give them a fair chance to develop, some care must be taken to make the ground suited to their needs. The soil best adapted to flowering plants is generally a light friable loam, containing enough sand to make it porous, thoroughly pulverized and enriched with liberal amounts of bone meal or well rotted manure. Make the seed bed as fine, smooth and level as possible, except that a slight rounding of the bed is desirable that it may be well drained; do not plant when the ground is wet; cover each lot of seeds to a uniform depth which should not be more than four to six times the diameter of the seed; press the soil firmly over the seed; plant in rows so that the plantlets may be easily seen; thin to prevent crowding. If you will do this and will use Olds' seeds, you may confidently look forward to spring, summer, and autumn enriched by the beauty and fragrance of your own flowers.

A. indicates Annuals; these grow, bloom and die the first year.  
 B. indicates Biennials; these grow the first year and bloom and die the next.  
 P. indicates Perennials; these grow the first year, bloom the second and tend to live and bloom from year to year thereafter. H. indicates hardy plants. H. H. indicates half-hardy plants. T. indicates tender plants.  
 Thus H. H. A. indicates a half-hardy annual, and T. P. a tender perennial.

## OLDS' FLOWER SEED COLLECTIONS

PLEASE ORDER BY NUMBER.

A number of house plants may be grown from seed. The work is easy and fascinating. Each seedling plant will be an entirely new variety, and each packet of seed will produce many plants.

**COLLECTION NO. 1—HOUSE PLANTS FROM SEEDS.**  
 5 packets valued at 75c for 60c postpaid.

Asparagus Fern	.....	\$0.15
Geranium	.....	.15
Fuchsia	.....	.15
Begonia	.....	.15
Cyclamen	.....	.15

**COLLECTION NO. 2.** ..... \$0.75

Below we list 12 of the best and most popular annual flowers, and offer to send 1 packet of each of them—12 packets of seeds in all—value, \$1.00 for only 50c, postpaid.

Alyssum, Little Gem	.....	\$0.10
Snapdragon, Giant Fragrant	.....	.05
Bachelors Button, Mixed	.....	.05
Balsam, Olds' Camelia Mixed	.....	.05
Calendula, Double Mixed	.....	.10
Calliopsis, Fine Mixed	.....	.10
Celosia (Coxcomb), Ostrich Plume	.....	.10
Cosmos, Extra Early Colossal Mixed	.....	.10
Dianthus, Double Chinese	.....	.10
Four O'Clock, Fine Mixed	.....	.05
Marigold, Mixed Dwarf French	.....	.10
Poppy, Olds' Finest Mixed	.....	.10

All 12 for 50c postpaid. \$1.00

**COLLECTION NO. 3 HOUSE PLANTS FROM SEEDS.**  
 5 packets valued at 60c for 50c postpaid.

Rose	.....	\$0.10
Smilax	.....	.10
Carnation	.....	.10
Ice Plant	.....	.10
Heliotrope	.....	.10
Hibiscus	.....	.10

**COLLECTION NO. 4—ANNUAL VINES FROM SEEDS.** ..... \$0.60

For transforming unsightliness to beauty in one season, nothing is more useful than the annual vines. Fine for planting by new permanent vines which will not make a heavy growth the first year. Especially adapted for beautifying porches, fences and all bare unsightly places.

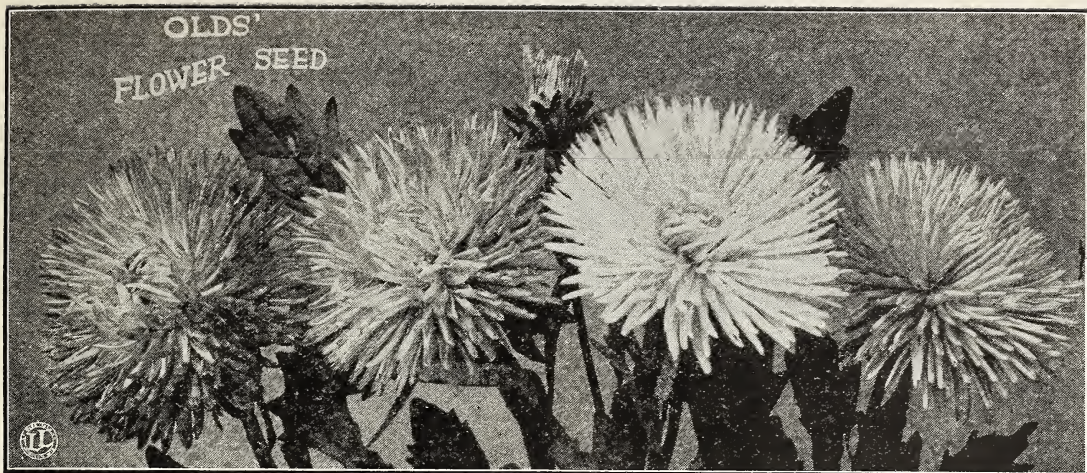
One packet each of the following six vines—value 50c, for 25c, postpaid.

Cypress Vine	.....	\$0.10
Scarlet Runner	.....	.10
Morning Glory	.....	.05
Japanese Hop	.....	.10
Hyacinth Beans	.....	.10
Mixed Gourds	.....	.05

All 6 for 25c postpaid. \$0.50



OLDS'  
FLOWER SEED



## OLDS' FINEST MIXED ASTERS

Asters are the most desirable of all Autumn flowers for bouquets and gardens, for during the late summer and early fall when all nature is a riot of reds and yellows, they produce the blues and purples that perfect and blend the color scheme. As a cut flower, they have no equal, for the long stiff stems support the gigantic flowers easily and they absorb the water freely. The bouquets often last two weeks or more.

Asters are more popular with American flower lovers than any other fall annual, nor does any flower deserve its popularity more. To really appreciate the aster as it deserves, one must see the plant in full bloom, each of its sturdy branches laden with immense flowers, rivaling the florists' chrysanthemums in size and color.

**800. Olds' Finest Mixed.** This is a mixture of the best varieties; large flowers, bright colors and a splendid assortment. Pkt., 10c; oz., \$2.00.

**800½. Royal Mixed (Early Flowering).** A new class of American Aster. Very large double flowers with distinctly incurved shell-shaped petals. Earlier than most other varieties and remaining longer in bloom. Plants about two feet high branching freely. Pkt., 10c.

**802. Giant Comet Mixed.** Immense double flowers, resembling chrysanthemums. Pkt., 10c.

**802½. Olds' Giant Branching (Mixed).** The finest of all Asters for cutting. Large vigorous plants, bearing a great profusion of bloom; immense fluffy peony-like flowers on long, strong, slender stems. Pkt., 10c.

**803½. ★Sensation.** This is the reddest of all Red Asters. The bright color glistens in the sunshine like a live coal. Pkt., 10c.

**804½. Giant White (Branching).** The best white Aster. Pure white flowers, four inches in diameter. Pkt., 10c.

**805. ★Heart of France.** The best pure red Aster ever introduced; flowers large and full. Pkt., 15c.

**805½. Giant Shell Pink (Branching).** The best clear light pink. Large flowers, graceful in form. Pkt., 10c.

**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., 10c.

**806½. Giant Rose (Branching).** Deep rose-pink. Pkt., 10c.

**807. Model Ostrich Plume.** A new distinct variety; bright rose colored flowers. Pkt., 10c.

**807½. Giant Crimson (Branching).** Dark ruby-red. Pkt., 10c.

**808. ★White Perfection.** The finest midseason white aster; flowers four inches in diameter and produced on tall upright stems. Pkt., 10c.

**808½. Giant Blue (Branching).** Almost a pure lavender shade, approaching an azure blue. Pkt., 10c.

**809½. Giant Purple (Branching).** A rich violet or purple. One of the best dark shaded varieties. Pkt., 10c.

**810. Snowball.** The best dwarf, white aster. A profuse bloomer; snow-white flowers of immense size. Pkt., 15c.

**811½. Pink King.** Entirely distinct in form from any other variety; petals somewhat quilled, the center ones being curled, completely covering the crown. Pkt., 10c.

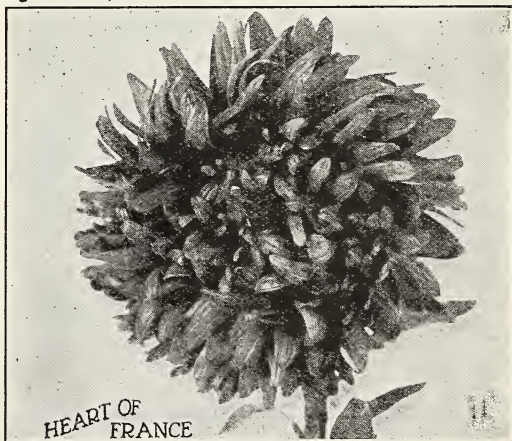
**812. ★Alice Roosevelt.** Large yellow flowers changing to flesh color. Pkt., 10c.

**812½. ★Silver Rose.** A robust, long stemmed, large flowering new variety. Ashes of Roses exactly describes the color of this new aster. Pkt., 10c.

**813. Violet King.** Handsome, violet-colored. Pkt., 10c.

**815½. Royal Purple.** Early flowering. Pkt., 20c.

**816. ★Betty Jung.** Outrivals any other aster. Stems three feet tall; immense flowers of rose-pink, live and bright. Pkt., 20c.



## OLDS' ANNUAL FLOWERS



California Poppies. (Fine Mixed.)

825. **AGERATUM**. H. H. A. (Floss Flower, Paint Brush.) One of the best bedding plants, bearing the bright blue flowers in greatest profusion from early summer until frost. They thrive throughout the hot dry months of summer, are uninjured by rain, and their colors do not fade. Easily raised from seed. Pkt., 10c.

831. **ALYSSUM, SWEET**. (Carpet Flower.) H. A. Little Gem. Carpet of snow. One of the finest annuals we have for edging, and much loved for its modest blossoms, white and honey scented. Little Gem grows only two or three inches high, but is so dense and spreading and covered with flowers, that the foliage is completely hidden. A mass of bloom from spring until late autumn. Pkt., 10c.

870. **CALIFORNIA POPPY**. H. A. (Escholtzia.) Fine Mixed. Illustrated above. The State Flower of California. A bright, free-flowering plant with finely-cut foliage and tulip-like flowers, generally of orange or yellow. Pkt., 10c.

872. **CALIFORNIA POPPY**. H. A. Carmine King. Beautiful carmine-rose, both inside and out. Pkt., 10c.

873. **CALIFORNIA POPPY**. H. A. Golden. The true, wild California Poppy. Selected for the largest flowers and deepest color. Pkt., 10c.

875. **CALLIOPSIS**. H. A. (Coreopsis.) Fine Mixed. Showy, yellow flowers, some with base of ray petals of deep maroon. Free blooming, doing well in any sunny position, and blooming all summer and fall, regardless of heat and drought. Pkt., 10c.

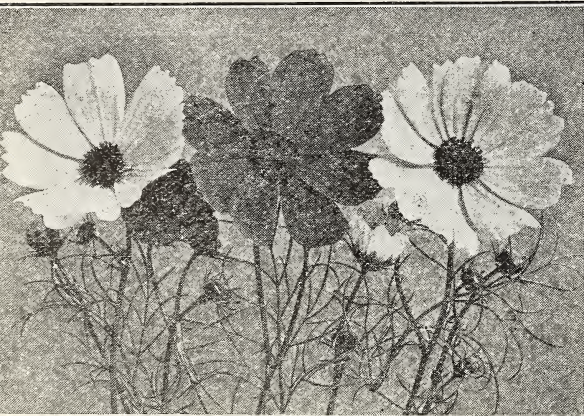
880. **CANARY BIRD FLOWER**. H. A. A dainty vine with ornamental cut leaves, and dainty, canary-yellow flowers of curious shape. So called from the color of its blossoms and also from a fancied resemblance of their shape to a bird with open wings. Pkt., 10c.

885. **CANDYTUFT**. H. A. Olds' Choice Mixed. Well known, hardy plants, much used for borders and edging. Easy to grow. Season, July 'till heavy frost. Height, one foot. Pkt., 10c.

886. **CANDYTUFT**. H. A. Giant Empress. Large, bold spikes of pure white flowers. Plants 18 inches high. Pkt., 10c.

890. **CANNA**. H. A. Crozy's Best Mixed. Height, 2½ to 8 feet. Great clusters of brilliant bloom, borne on tall spikes, surmounting broad leaves of green, bronze or purple, giving a tropical effect. Unquestionably the finest bedding plants for our climate and easily grown from seed if planted early. Pierce the seed with a file, soak in warm water until they swell, then plant in a hot bed or box in the house. Crozy's is the best mixture. Pkt., 10c.

898. **CARDINAL CLIMBER**. H. A. A very handsome vine with finely cut ornamental foliage; a strong, rapid grower attaining a height of 25 feet, and covered with a blaze of fiery cardinal red flowers, somewhat resembling small morning glories with the bell turned back. These flowers are about one inch in diameter and are borne in clusters of five to seven. It does best in a warm, sunny location and good, rich soil. Plant about May 1st after soaking the seed in warm water for several hours. Pkt., 15c.



Cosmos—Extra Early Colossal.

840. **ANTIRRHINUM**. H. A. (Snapdragon.) Dwarf Mixed. Snapdragons were a feature of the old-fashioned garden. Then for a time they were neglected, until when the improved new varieties appeared, they suddenly became immensely popular again. The splendor of the brilliant colored spikes of bloom remain a source of pleasure throughout the summer and fall. Pkt., 5c.

841. **ANTIRRHINUM**. H. A. (Snapdragon.) Giant Fragrant. Pkt., 5c.

843. **ANTIRRHINUM**. H. A. (Snapdragon.) Pink Beauty. Very large. Pkt., 5c.

**BABY'S BREATH**. See Gypsophila No. 994.

855. **BACHELOR'S BUTTON**. H. A. (Centaurea, Corn Flower, Blue Bottle, Ragged Sailor, etc.) Mixed. Although not a pretentious plant, Bachelor's Button is one of the popular, hardy, old-fashioned annuals. Re-seeds itself and may be used for naturalizing. Pkt., 5c.

860. **BALSAM**. H. A. (Lady Slipper.) Olds' Camelia Mixed. Another old time favorite, producing its gorgeous masses of brilliant colored flowers in great profusion. Very easy to grow. Pkt., 5c.

**BLACK EYED SUSAN**. See Thunbergia, No. 1302½.

**BLANKET FLOWER**. See Gaillardia, No. 985.

**BUTTERFLY FLOWER**. See Schizanthus, No. 1160.

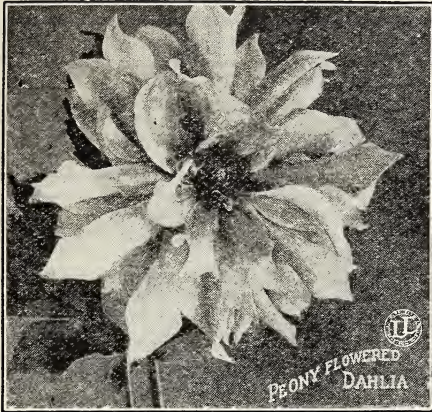
865. **CALENDULA**. H. A. (Pot Marigold.) Double Mixed. Freely flowering plants of easiest culture, succeeding everywhere and flowering continuously. Flowers double, showy, and of large size; orange-colored. Pkt., 10c.

866. **CALENDULA**. H. A. Orange King. A very select, double, dark orange-red calendula. Blossoms often 3½ inches in diameter. Pkt., 10c.



Cosmos—Double Crowned and Crested.

# OLDS' ANNUAL FLOWERS



PEONY FLOWERED  
DAHLIA

**CASTEE OIL BEAN.** See Ricinus, No. 1140.

**CATHEDRAL BELLS.** See Cobaea Scandens, No. 920.

**905. CELOSIA.** H. A. (Coxcomb) Ostrich Plume. Very hardy annuals of easy culture, producing large, ornamental, comb-like heads like ruffled crimson chenille. Maroon-colored leaves. Pkt., 10c.

**906 CELOSIA.** H. A. Empress. The old fashioned Coxcomb with crimson crested heads and brown-maroon foliage. Pkt., 10c.

**911. CENTAUREA IMPERIALIS.** H. A. Sweet Sultan. Beautiful, sweet-scented thistle-like flowers borne on long, strong stems. When cut, will last for days in water. Very easy to grow. Pkt., 10c.

**912. CENTAUREA.** H. A. Americana. A splendid native Centaurea, growing 3 feet high with large "thistle heads" of rose lavender. Very showy. Splendid for cutting. Pkt., 10c.

**CHINESE BELL FLOWER.** See No. 820.

**CHRYSANTHEMUM.** Annual varieties. Showy flowers of pleasing shades, growing on strong stiff stems. Largely grown for cut flowers. The foliage is finely cut and ornamental. An autumn flower.

**915. CHRYSANTHEMUM.** H. A. Mixed. Pkt., 10c.

**917. CHRYSANTHEMUM.** H. A. Snowball. Large, perfect, pure white flowers. Pkt., 10c.

**919. CLARKIA Elegans.** Bright and attractive annuals of easy culture. They grow about 2 feet high, bear profusely; pretty double flowers carried on long graceful sprays. Pkt., 10c.

**920. COBAEA SCANDENS.** H. A. (Cathedral Bells.) One of our finest and most rapid growing climbers, attaining a height of 30 feet during the season; fine for covering porches, trellises, arbors, tree-trunks, etc.; will cling to any rough surface. In sowing, place the seed edgewise, in-doors in March or April. The large bell-shaped flowers are first green then turning to a beautiful purple. Pkt., 10c.

**COSMOS.** Among the showiest of our late summer and autumn blooming annuals. The plants branch freely, the long slender stems gracefully carrying the lovely blossoms. Delicate, finely-cut foliage adds its share of beauty. One of the easiest flowers to grow. Reseeds itself.

**925. COSMOS.** H. A. Giant Flowered Mixed. Not as early as some but blossoms very large. It is well to start this variety indoors. Pkt., 10c.

**925½. COSMOS.** H. A. Double Mixed. The double crested center is edged with a row of single, flat petals, but varies considerably in the degree of doubleness. Very early. Pkt., 10c.

**926½. COSMOS.** H. A. Extra Early Colossal Mixed. The best Cosmos for the northern states, for it offers the combination of extra earliness (July) with good sized blossoms. The plant is graceful and delicate, the flowers as large as the late blooming kinds perfecting their blooms in our most northerly counties. Pkt., 10c.

**927. COSMOS.** Lady Lenox. A late development of this popular flower, bearing very large blossoms with wide overlapping petals of beautiful deep pink. Pkt., 5c.

**928. COSMOS.** Mammoth White Perfection. A greatly improved variety; immense flowers, with white petals. Pkt., 10c.

**930. CYPRESS VINE.** H. H. A. Mixed. Unexcelled for training up a light ornamental trellis. Bears many star-shaped, scarlet or white blossoms; finely cut leaves. Pkt., 10c.

**DAHLIAS** can be easily grown from seed so as to bloom the first year. Plant in a box in the house in April, and transplant.

**935. DAHLIA.** H. A. Double Mixed. Large flowering. Pkt., 15c.

**937. DAHLIA.** H. A. Double Peony Flowered. Large, full double blossoms. Pkt., 15c.



GOLDEN  
ORANGE  
DAISY

**943½. DAISIES.** H. A. Arctotis (Blue-Eyed African Daisy) Plants quickly form bushes 2 to 3 feet across with deep-cut, silvery foliage and large blossoms of silvery-white with blue eye. Underside of petals bluish. Pkt., 10c.

**944½. DAISIES.** H. A. Golden Orange. A rare and showy African Daisy with large, glossy, orange-red flowers which glitter in the sun. Pkt., 10c.

**DELPHINIUM.** See Larkspur, No. 1015.

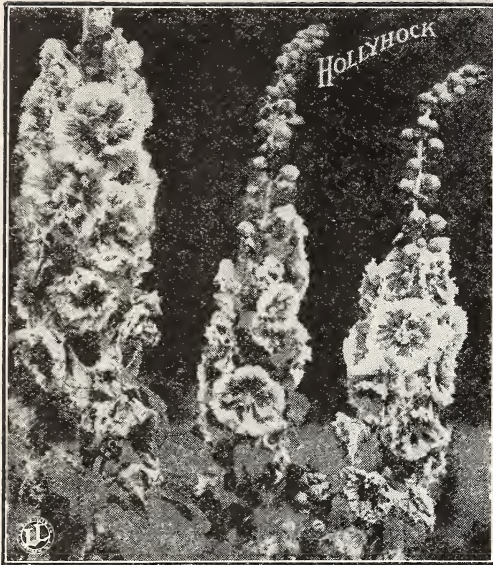
**DIANTHUS.** (Pinks.) One of the most loved of all annuals. The brilliant, contrasting colors appearing in each flower form stripes, bands and markings and are very beautiful. See next page for prices.

**1303. CHINESE WOOLFLOWER.** H. A. The most showy of all garden annuals. A new variety of Celosia growing two to three feet high, with great, crimson, globe-shaped heads. None of the blooms fade until frosted. Pkt., 15c.



Dianthus or Pinks.

## OLDS' ANNUAL FLOWERS.



1007. ★**HOLLYHOCK.** Tall spikes of satiny mallow flowers throughout the summer. All colors. Pkt., 5c.

1010. **HUMULUS.** H. A. Japonicus. (Japanese Hop.) A fine porch vine; makes a rapid, heavy growth. Pkt., 10c.

1012. **ICE PLANT.** A dwarf trailing plant with fleshy foliage covered with "crystals." Pkt., 10c.

1013. **KOCHIA.** H. A. Mexican Fire Bush. A beautiful hedge plant. A rapid grower, producing globe-shaped bushes of finely cut small green leaves and stems, which change in the early fall to carmine. Pkt., 5c.

1015. **LARKSPUR.** H. A. Fine Mixed. (Delphinium, Tall Rocket.) Tall, old-fashioned spikes of blue. Pkt. 10c.

1025. **LOBELIA.** H. A. Mixed Dwarf. Compact, bushy little plants about 6 inches high and covered with little, bright blue flowers. Pkt. 10c.

1030. ★**MARIGOLD.** H. A. Mixed French. The favorite, dwarf, highly-colored variety. Pkt., 10c.

1031. **MARIGOLD.** H. A. Lemon Queen. Large, perfect double-quilled African Marigolds. Pkt., 10c.

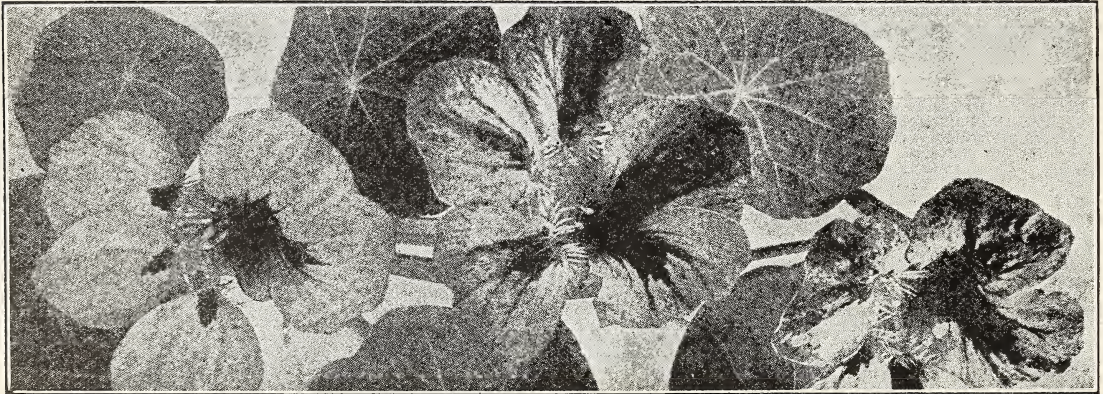
1035. **MIGNONETTE.** H. A. Machel. Of dwarf, pyramidal form; numerous branches; very fragrant. Pkt., 10c.

1036. **MIGNONETTE.** H. A. Yellow Prince. Dwarf and compact. The yellow flowers are very large. Pkt., 10c.

1038. **MIGNONETTE.** H. A. Giant Defiance. Spikes sometimes 12 to 15 inches long and very fragrant. Florets large and very lasting. Pkt., 10c.

1041. **MOONFLOWER.** H. A. White. A fine, ivy-leaved climber, covered every evening and cloudy day with large, fragrant flowers. Pkt., 10c.

1042. **MOONFLOWER.** H. A. Pink. Similar to above except that the blossoms are pink. Pkt., 10c.



950. **DIANTHUS.** H. A. Double Chinese. Flowers very double and of many bright colors. Pkt., 10c.

951. ★**DIANTHUS.** H. A. Single Chinese. Equally as brilliant as the double variety and by many considered more beautiful. Pkt., 10c.

952. **DIANTHUS.** H. A. Imperialis. Double Imperial Pink. A very wide range of gorgeous colors. Pkt., 10c.

955. **DIANTHUS.** H. A. Snowdrift. Large double, white and one of the most beautiful. Pkt., 10c.

956. **DIANTHUS.** H. A. New Japanese Pink. Very large flowers of very bright hues. Pkt., 10c.

960. **DOLICHOS.** H. A. (Hyacinth Bean.) A rapid-growing, free-flowering annual climber; blossoms, and, later, ornamental pods borne on erect racemes. Pkt., 10c.

965. ★**EVERLASTING.** H. A. Helichrysum. Double flowers in glittering colors. For winter bouquets. Pkt., 10c.

967. **EVERLASTING.** H. A. Acroclinium Mixed. A pretty annual, 15 inches high, bearing lovely white or pink blossoms. Pkt., 10c.

970. **FORGET-ME-NOT.** H. A. (Myosotis.) One of the best spring flowers. A sea of blue. Pkt., 10c.

975. **FOUR O'CLOCK.** H. A. (Marvel of Peru.) Handsome, free-flowering, many colored blossoms. Pkt., 5c.

985. ★**GAILLARDIA.** Double Mixed. The annual, Blanket Flower—Reds and Yellows predominating. Pkt., 10c.

995. **GOURDS.** T. A. Mixed. Quickly makes a dense growth of vines. Pkt., 5c.

996. **GOURDS.** T. A. Chinese Bottle. The original Thermos Bottle used by the Pilgrims in the Orient. Pkt., 5c.

997. **GOURDS.** T. A. Calabash. Odd-shaped fruits. Used for making pipes. Pkt., 5c.

990. **GODETIA.** H. A. Handsome, satiny, mallow-like flowers of rich colors. Profuse bloomers. Pkt., 10c.

994. **GYPHOPHILA.** H. A. (Baby's Breath.) Elegans. Light, graceful, fairy-like little flowers on airy, branching stems. Pkt., 5c.



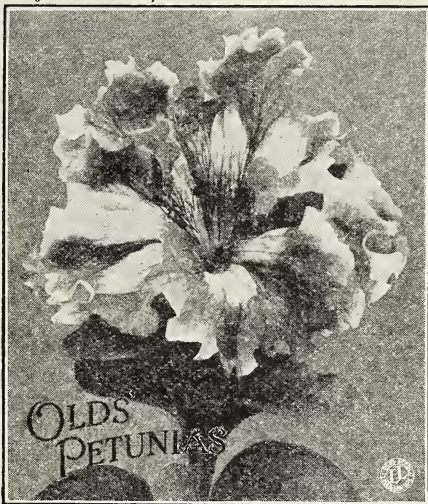
Mexican Fire Bush.

## OLDS' ANNUAL FLOWERS.

1045. **MORNING GLORY.** T. A. Imperial Japanese. A wonderful array of color—pure white to purple-black. Pkt., 10c; oz. 30c.
1046. **MORNING GLORY.** Dwarf Mixed. One foot high. Very showy; for borders, rockeries, etc. Pkt., 5c.
1047. **MORNING GLORY.** H. A. Tall Mixed. The beautiful, old-fashioned, common Morning Glory. The most popular annual porch vine. Pkt., 5c; oz. 15c.
1048. **★MORNING GLORY.** T. A. Sakata's Mammoth Flowered. The largest and most magnificent of Japanese Morning Glories, with great blossoms nearly six inches across and figured with stripes and markings. Pkt., 25c.

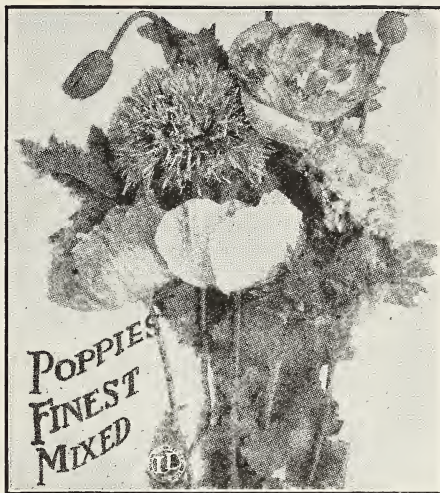
### NASTURTIUMS.

- All Nasturtiums. Pkt., 5c; oz., 15c; ¼ lb., 30c.
1050. **Mixed.** Reds and yellows, with many tints and markings.
1051. **★EMPRESS OF INDIA.** Dark foliage of even height, and flowers of rich velvety crimson.
1052. **LADYBIRD.** Orange, striped and barred with crimson.
1053. **CHAMELEON.** Flowers of different colors on one plant.
1054. **DWARF FIREBALL.** Deep, orange-scarlet.
1055. **QUEEN OF TOM THUMBS.** Compact little plants with deep crimson flowers showing to advantage against variegated silver foliage.
1056. **OLDS' DWARF SILVER QUEEN.** Cream colored flowers beautifully flaked and splashed with scarlet, contrasting agreeably with the leaves of marbled silver.
1060. **TALL MIXED.** Fine for covering porch or trellis.
1061. **SCARLET BEAUTY.** A glowing scarlet. Variegated leaves.
1062. **★CRIMSON BEAUTY.** Intense red. A climber.
1063. **IVY LEAVED.** A new trailing variety with ornamental foliage, as well as beautiful and abundant flowers.
1065. **★LOBB'S MIXED.** Much superior to other tall Nasturtiums in intensity of color; especially rich in reds. Shorter jointed vines, and better climbers.



Olds' Finest Mixed Petunia.

1100. **★PETUNIA.** H. A. Olds' Finest Mixed. This splendid mixture will prove an agreeable surprise even to those who expect much. It excels in richness of color, continuous bloom and largeness of flowers. Pkt., 25c.
1102. **PETUNIA.** H. A. Choice Mixed. Will produce an abundance of bright flowers. Pkt. 15c.
1103. **★PETUNIA.** H. A. Rosy Morn. Compact plants bearing a profusion of beautiful flowers 1½ inches in diameter, with throats of silvery-white, the rest heavily flushed with soft rosy-pink. Pkt., 10c.
1105. **PETUNIA.** H. A. Snowball. A close, compact plant, producing an abundance of pure, satiny-white flowers. Pkt. 10c.
1106. **PETUNIA.** H. A. Giant Excelsior. A big vigorous plant bearing great numbers of giant blooms in a grand variety of color. Pkt., 20c.
1109. **PETUNIA.** H. A. Double Mixed. A splendid mixture of beautiful large-flowering, fringed and waved Petunias. It should be understood that only a certain percentage will come double, while the remainder will be large choice single flowers. Pkt. of 30 seeds 25c.



1070. **NICOTIANA SANDERAE.** T. A. A lovely hybrid tobacco of branching habit, bearing on light graceful stems many rosy carmine flowers. Pkt., 10c.
1120. **★POPPY.** H. A. Olds' Finest Mixed. A fine blend of many handsome shapes and sizes; many are double and shaped like a ball, in white, pink and red; massive Carnation Poppies and dainty Shirleys. A splendid mixture. Pkt., 10c.
1121. **POPPY.** H. A. Improved Carnation. Splendid large double flowers of many shades. Some striped. Pkt., 10c.
1123. **POPPY.** H. A. White Swan. Immense fringed and double flowers. As dainty and graceful as a swan. Pkt., 10c.
1122. **★POPPY.** H. A. Reselected Shirley. Silk or Ghost poppies. Beautiful satiny flowers of various colors, all with white centers, which make them very beautiful. Finely cut, hairy foliage. Pkt., 10c.
1126. **★POPPY.** H. A. Admiral. Glistening white, with a broad band of brilliant scarlet. Pkt., 10c.
- 1126½. **POPPY.** H. A. Flanders. Vivid scarlet. In sentiment we associate it with the battle fields of Flanders, where it grows wild. The official flower of the American Legion. Pkt., 10c.
- 1127½. **POPPY.** H. A. Eldorado. A Shirley Poppy; height 2 feet, with single, semi-double and double flowers, of magnificent pink, salmon, orange and rose, with no dark shades whatever. The petals are wonderfully silken. Pkt., 10c.
- 1129½. **POPPY.** H. A. King Edward. A very free blooming plant 30 inches tall with gorgeous deep, scarlet petals marked with a black splash for half its length from the base, against which the yellow anthers stand out in bold relief. Pkt., 10c.



Carnation Poppy.

# OLDS' ANNUAL FLOWERS.



**PHLOX DRUMMONDII.** H. A. Beautiful and showy.

1110. **★OLDS' FINEST MIXED.** A splendid mixture of many pleasing colors and varieties. Pkt., 10c.

1112. **FINE MIXED.** An excellent and satisfactory assortment. Pkt., 10c.

1113. **NEW DWARF CICILY.** Bushy, compact plants, bearing very large trusses of bloom, the coloring very bright and nearly all showing white eyes. Pkt., 5c.

1114. **STARRED AND FRINGED.** A dwarf plant bearing very pretty star-like flowers of many colors, some fringed. Pkt., 10c.

1116. **NEW YELLOW.** An unusual color in phlox. Very large. Pkt., 10c.

1117. **SNOWBALL.** Pure white. Round trusses of bloom, like snowballs. Pkt., 10c.

**FOR PHLOX ROOTS.** See page 81.

1130. **PORTULACA.** H. A. Double. (Rose Moss.) Small fleshy plants, producing a carpet of bloom, no matter how dry and hot the weather. Pkt., 10c.

1131. **★PORTULACA.** H. A. Single Mixed. In the opinion of many, more beautiful than the double variety. Pkt., 10c.

1150. **★SALVIA SPLENDENS.** H. A. Scarlet Sage. Keeps the garden bright with color until frost. Pkt., 10c.

1151. **SALVIA SPLENDENS.** H. A. Fireball. Free-flowering, bushy plants about 1½ feet high. Pkt., 10c.

1154. **SALVIA SPLENDENS.** H. A. Ostrich Plume. A splendid variety with gorgeous plumes of brilliant color. Pkt., 20c.

1155. **SCABIOSA.** H. A. Double Mixed. (Mourning Bride.) Sometimes called Pincushion. A variety of soft colors and shades. Its sweetness attracts all kinds of bees and butterflies to the neighborhood. Pkt., 10c.

39. **SCARLET RUNNER.** T. A. A vigorous climber producing bright scarlet flowers. Pkt., 10c.

1160. **SCHIZANTHUS.** H. A. (Butterfly Flower.) Quickly grows into a bushy plant so completely covered with many colored flowers that the fern-like foliage is almost concealed. Pkt., 10c.

1140. **RICINUS.** H. A. (Castor Oil Bean.) Stately ornamental plants with picturesque foliage, giving a tropical effect. Pkt., 10c.

1145. **SALPIGILOSSIS.** H. A. (Painted Tongue.) A very attractive annual with slender stems bearing lily-shaped flowers veined with gold. Pkt., 10c.

1170. **STOCKS.** H. H. A. Ten weeks. (Gilliflower.) An old time annual producing numerous bright, fragrant flowers on stiff stalks. Pkt., 10c.



**SUNFLOWER.** (Helianthus.) Majestic plants of stately growth, remarkable for the size and brilliance of their flowers. Fine for growing among shrubbery, about the garage, at fence corners, etc.

1180. **SUNFLOWER.** H. A. Chrysanthemum-Flowered. Bright yellow, double flowers, resembling a chrysanthemum. Pkt., 10c.

1182. **SUNFLOWER.** H. A. Miniature. Spreading and branching plants with sparse foliage and numerous small sunflowers. Pkt., 10c.

1184. **SUNFLOWER.** H. A. New Red. 4 to 6 feet; flowers vary in size and in redness. Pkt., 10c.

1185. **SUNFLOWER.** H. A. Mammoth Russian. Immense plants often 12 feet high and with single blossoms from 6 to 15 inches across. Pkt., 5c.

1302½. **THUNBERGIA.** H. A. Black-Eyed Susan. Handsome rapid-growing trailing plants extensively used for window-boxes, hanging baskets, fences, rock piles, etc. The flowers are lovely and are of various colors—buff, orange, white, etc., with dark eyes. Pkt., 10c.

1305. **★VERBENA.** H. A. Olds' Finest Mixed. A favorite old flower, growing clusters of many bright colors from June until frost. Pkt., 15c.

1307. **VERBENA.** H. A. Fancy Mixed. Pkt., 10c.

1311. **VERBENA.** H. A. Defiance. Scarlet. Pkt., 10c.

1312. **VERBENA.** H. A. Italian Striped. Light colors striped with red and blue. Pkt., 10c.

**ZINNIA.** Few annuals surpass the Zinnia in general popular favor. They are rugged and strong, do well in any soil and regardless of weather are large, showy, of many colors and shades, and bloom all summer long. Very double, large, durable and handsome. A general favorite.

1325. **ZINNIA.** Superb Double Mixed. A mixture of the most important varieties of this grand annual. Pkt., 10c.

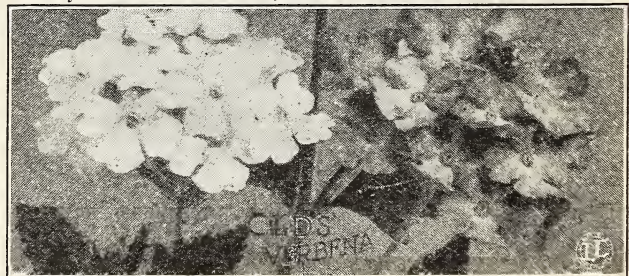
1328. **ZINNIA.** Curled and Crested. Large flowers, the petals twisted curly and quilled into graceful forms and in many striking colors. Pkt., 5c.

1329. **ZINNIA.** Fire King. A magnificent variety with deep scarlet flowers, 3 to 4 inches in diameter. Pkt., 10c.

1332. **ZINNIA.** Giant Flowered Buttercup. Bright yellow blossoms, 4 inches across. Pkt., 10c.

1333. **ZINNIA.** Giant Flowered Victoria. Very large flowers in a wide range of colors. The curled and twisted petals give a pin wheel effect. Pkt., 10c.

1335. **ZINNIA.** Giant Flowered Mixed. A mixture of named Giant Zinnias, all large, strong-growing and of brilliant color. Pkt., 10c.



## OLDS' FANCY SWEET PEAS

1217. MRS. RUTZAHN. Apricot-pink. Very popular.  
 1221. MARGARET ATLEE. Cream-flushed salmon. Very fine.  
 1226. WEDGEWOOD. Azure blue, a wonderful shade.  
 1237. MRS. TOWNSEND. White edged blue. Looks well with Dainty.  
 1238. ASTA OHN. Lavender. Fine with Florence Nightingale.  
 1239. FLORENCE NIGHTINGALE. Lavender-rose. Excellent.  
 1230. ROYAL PURPLE. A rich shade of royal purple.  
 1235. GEO. HERBERT. Rosy carmine. Fine with America.  
 1236. VERMILION RED. Intense scarlet. Very brilliant.  
 1237. ★FIERY CROSS. Glittering orange scarlet. Wonderful.  
 1238. ★KING EDWARD. Rich unfading crimson.  
 1245. ★MRS. CUTHBERTSON. Apple-blossom tints and shadings.  
 1246. ★HERCULES. Magnificent rose-pink. Looks well with O.hello.  
 1247. ELFRIDA PEARSON. Salmon-pink. Very popular.  
 1248. DAINTY. White with pink edge, for blending with other shades.  
 1255. STERLING STENT. Deep salmon. Very fine.  
 1256. ROBT. SYDENHAM. Glowing orange. Large and brilliant.  
 1258. THOMAS STEVENSON. Orange-shaded rose. Good.  
 1260. OTHELLO. Deep maroon, almost black.  
 1261. NUBIAN. Chocolate and maroon. Looks well with America.  
 1262. KING MANOEL. Rich chocolate.  
 1263. WARRIOR. Maroon flushed with crimson. A very odd shade.  
 1265. AMERICA. Ivory, flaked with crimson. A striking flower.  
 1266. SENATOR. Heliotrope, flaked with chocolate. Very odd.  
 1267. ★JEAN IRELAND. Cream and rose, an exquisite blend.

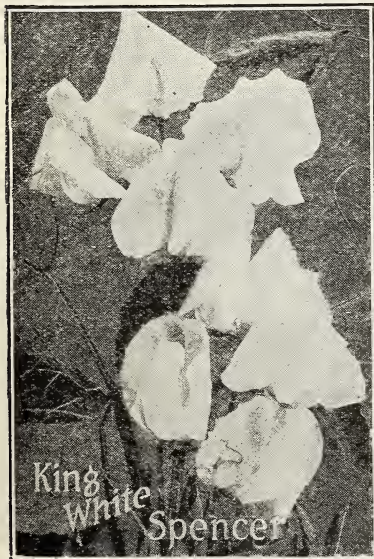
Any of the above varieties 10c per pkt., postpaid.

1203. ★OLDS' MIXED GIANT SPENCERS. A careful and well balanced blend of the best named varieties and new seedlings of the beautiful orchid-flowered or Spencer Sweet Peas. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.



1200. OLDS' PRIZE MIXED. We believe this to be the best possible mixture of the old fashioned or Grandiflora sweet peas. Many named varieties of fine color. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

1201. SUNRISE MIXED. Early-flowering Spencers only. Spencers surpass all other sweet peas—long stems, three to five blossoms on a stem; flowers very large, waved, frilled and fragrant. Pkt., 10c; oz., 40c; ¼ lb., \$1.25.



### EARLY FLOWERING.

1202. KING WHITE. Large, vigorous. A giant pure white.  
 1204. SNOW FLAKE. Early-Flowering. The best white; large flowers.  
 1205. CANARY BIRD. Early-Flowering. A splendid cream or primrose.  
 1206. SPRING MAID. Early-Flowering. Pale peach-blossom pink.  
 1207. ENCHANTRESS. Early-Flowering. Attractive bright rose-pink.  
 1209. MORNING STAR. Early-Flowering. Deep, glowing, orange-scarlet.  
 1210. EARLIEST OF ALL. This pink and white sweet pea blooms 10 days in advance of any other; highly prized by florists.

1211. LIBERTY. Early-Flowering. Intense sparkling rose-crimson.  
 1212. PRIMROSE. Old ivory; a very odd shade.  
 1213. CONGO. Early-Flowering. Chocolate-maroon, large-flowered.

Any of the above varieties, 10c per pkt., postpaid.

### SPENCERS, BLENDED COLORS.

1275. Cream, primrose and white; Dainty, Canary-bird, etc.  
 1276. Blue and lavender shades; Royal Purple, Wedgewood, etc.  
 1277. Shades of red; Geo. Herbert, Fiery Cross, etc.  
 1278. Pink and rose shades; Jean Ireland, Enchantress, etc.  
 1279. Salmon and orange shades; Morning Star, Sterling Stent, etc.  
 1280. Chocolate and maroon shades; Nubian, Othello, etc.  
 1281. Flaked and striped; Senator, America, etc.

Any of these Spencers, Blended Colors: Pkt., 5c; oz., 25c; ¼ lb., 75c.

Nitragin for Sweet Peas, means you will get a much heavier growth of vines, healthy green foliage and much better bloom. The lack of this inoculation often causes a complete failure with legumes. Large size package with full instructions for 22c, postpaid.



## OLDS' PERENNIAL FLOWERS.



Canterbury Bells.

820. **ABUTILON**. T. (Flowering Maple, Chinese Bell Flower.) A quick growing plant with large, mallow-like pink or red blossoms. Pkt., 15c; oz., \$8.00.

833. **ALYSSUM**. H. Saxatile. (Basket of Gold.) Showy, bright yellow flower, blossoming the first season if planted early indoors. Pkt., 10c.

836. **ANCHUSA**. H. Dropmore. A fine hardy perennial, growing 3 to 5 feet high and producing an abundance of deep blue flowers throughout May and June. Pkt., 10c.



Single Begonia.



New Giant.

845. **★AQUILEGIA**. (Columbine.) Poised on slender swaying stems like graceful birds, the blossoms appear to be hovering but a moment before darting away. Exquisitely dainty flowers, spurred and honey-laden. Pkt., 10c.

850. **ASPARAGUS FERN**. T. Plumosus Nanus. (Lace Fern.) The daintiest and airiest of all the Ferns. Very easy to grow, and may be started at any time. Pkt., 15c.

862. **BEGONIA**. T. Single Mixed. The well known perpetual blooming house plant; easily grown from seed. Pkt., 15c.

877. **★CALLIOPSIS**. Lanceolata. One of the finest of the hardy perennials, bearing a constant succession of large, showy, yellow flowers. Pkt., 10c.

895. **CANTERBURY BELLS**. H. Mixed. The spikes of this imposing biennial are covered with large, blue and white, bell-shaped flowers. (See illustration.) Pkt., 10c.

90. **CARNATION**. H. New Giant Marguerite. Free blooming, spicy-scented, double, fragrant flowers nearly 3 inches across. Pkt., 10c.

901. **CARNATION**. H. Yellow Marguerite. A unique color in carnations. Pkt., 10c.

933. **CYCLAMEN**. T. Giant Flowered. A charming house plant with rich colored flowers, whose beauty of form is enhanced by its reversed petals. Pkt. of 15 seeds 15c.

940. **DAISY**. Fine Mixed. Few flowers are more universally loved than daisies, celebrated in song and rhyme from time immemorial. Pkt., 10c.

941. **DAISY**. New Snowball. A large, very double free-flowering daisy of pure white. Pkt., 10c.

943. **DAISY**. Delicata. A very dainty flower; color, white, delicately tinged with rose. Pkt., 10c.

944. **DAISY**. Shasta. A splendid hardy perennial producing on stout stems, great flowers 5 inches in diameter with pure white overlapping petals. Pkt., 10c.

957. **DIANTHUS**. Plumarius. (Clove Pink.) A beautiful hardy single pink with fringed edged flowers in various colors. Pkt., 15c.



Marguerites.



# OLDS' PERENNIAL FLOWERS

For Roots of Hardy Perennials. See Page 80.



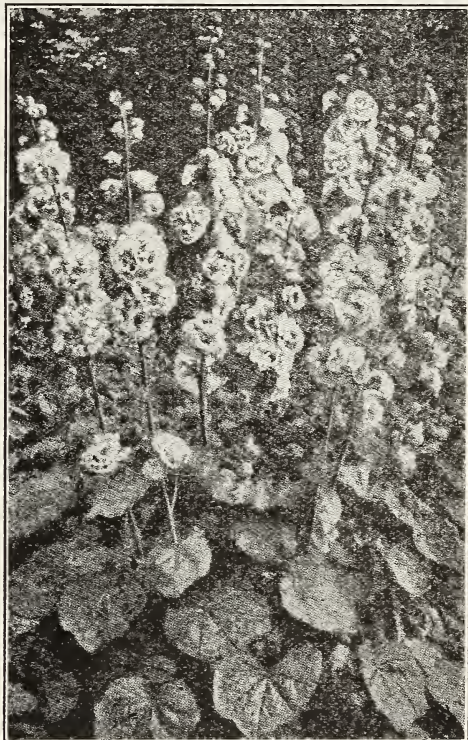
Rosa Multiflora.

958. **DIGITALIS**. H. (Foxglove.) *Gloxiniaeflora*. Handsome stately plants of imposing mien, giving a wealth of flowers during June and July. Pkt., 10c.
966. **EVERLASTING**. H. (Sea Lavender.) *Statice*. Full panicles of small blue flowers all summer, which may be dried and used for winter bouquets. Pkt., 10c.
980. **FUCHSIA**. T. *Double Mixed*. A charming and well known houseplant. A striking effect is produced by the long filaments of stamens and pistils, which extend far beyond the close-cupped, red corolla. Pkt., 15c.
986. **GAILLARDIA**. H. (Perennial Blanket Flower.) *Hardy Mixed*. One of the most satisfactory of all hardy perennials, blooming continuously through summer and fall, regardless of heat or drought. Flowers with brown center, surrounded with concentric rings of crimson, orange and scarlet, marked on the petals. Pkt., 10c.
987. **GERANIUMS**. T. *Mixed*. Blooming plants can be grown from seed the first year. Pkt., 15c.



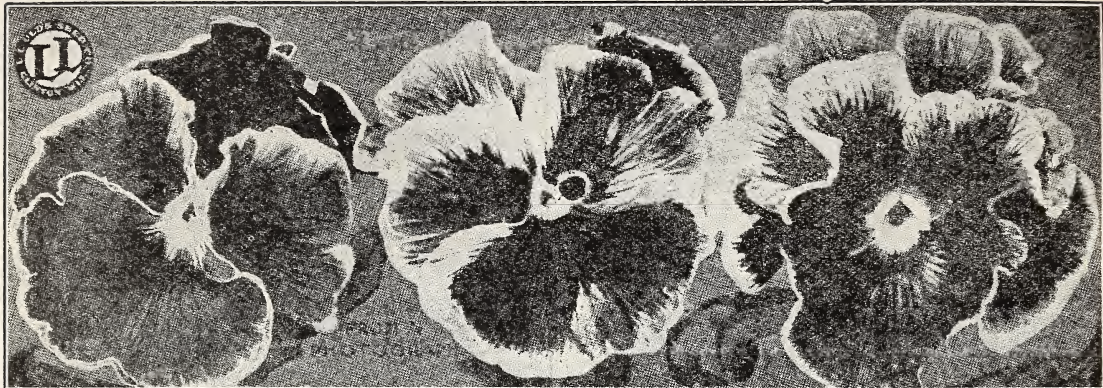
Hardy Gaillardia.

998. **HIBISCUS**. T. *New Giant Flowering*. A large flowering mallow with velvety petals of rich dark red, pink and white. Pkt., 10c.
1000. **HELIOTROPE**. H. *Choice Mixed*. Flowers from seed the first year. Delicate blue and white flowers continuously, but loved most for its fragrance. Pkt., 10c.
1005. **HOLLYHOCK**. H. *Double Mixed*. Stately stalks of velvet bloom, the pride of many an old-fashioned garden. Giant flowers six inches in diameter, of red and pink and white; the grandest of the mallows. Sow in June or July for flowers next summer. A biennial, blooming but one season. Pkt., 10c.
1017. **LARKSPUR**. *Belladonna*. Spires of bluest hue. This hybrid strain is of wonderful beauty growing up to six feet in height and out-matching all other flowers around it in showiness. Pkt., 10c.
1020. **LATHYRUS**. H. (*Everlasting or Hardy Sweet Peas*.) Showy, free-blooming climbers for covering old stumps, rocks, etc. Continually in bloom. Pkt., 10c.



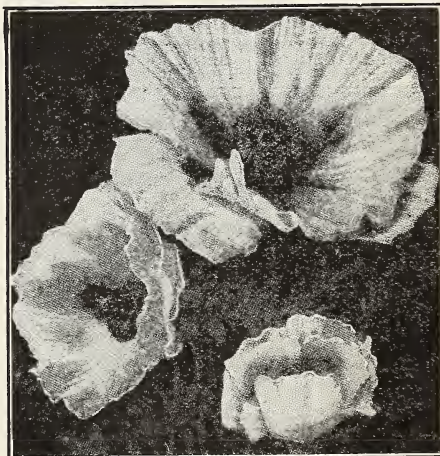
Hardy Hollyhock.

## OLDS' PERENNIAL FLOWERS



Olds' Giant Prize Pansies.

1075. **OLDS' GIANT PRIZE MIXED.** The largest, richest, best formed flowers of any Pansy we have ever seen, ranging in color from pure white through bronzes, browns, yellows and blues to the deepest purple-black. Pkt., 25c.
1077. **OLDS' LARGE-FLOWERING.** A superb mixture producing a great variety of charming colors. Pkt., 20c.
1078. **OLDS' ROYAL MIXED.** A choice collection of the best varieties from England, where the competition of Pansy growers for the honors at the great flower shows has brought forth many wonderful colorings. Pkt., 20c.
1079. **GIANT TRIMARDEAU MIXED.** An extraordinary strain of Pansy characterized for its vigor of growth, well adapted to our trying climate. Very large flowers and of every pansy color. Pkt., 15c.
1080. **MASTERPIECE.** A remarkable type, each petal being conspicuously frilled and ruffled, giving the pansy a unique double appearance. Many colors, the rich, deep velvety shades predominating. Pkt., 15c.
1083. **MARCH-FLOWERING.** These pansies are much favored, owing to the extreme hardness of the plants and their early-flowering habit. They winter in the open ground, flowering early and in great profusion. Pkt., 15c.
1084. **APPLE BLOSSOM.** Orchid Flowered. A distinct large-flowering variety, with perfectly formed delicate pink, apple-blossom flowers. A delightful novelty. Pkt., 15c.
1087. **GOLDEN GEM.** Large blossoms of rich, pure, golden-yellow, and without black markings. Pkt., 10c.
1088. **SUNSHINE.** Yellow with striped and mottled markings of black. Large, free-blooming. Pkt., 10c.
1090. **PRESIDENT MCKINLEY.** A notable black pansy, very large, free flowering and vigorous. Has border of yellow. Pkt., 10c.
1091. **GIANT PURE WHITE.** A novelty, and, as its name indicates, very large and pure white. Pkt., 15c.
1092. **★BLACK PRINCE.** Giant jet black flowers. The blackest black in the floral world. Pkt., 15c.
1094. **VICTORIA.** One of the finest large-flowered varieties ever introduced. Color deep claret. Pkt., 10c.
1095. **AZURE BLUE.** A beautiful very effective shade in sky blue. Pkt., 15c.
1128. **★POPPY.** Iceland Mixed. Hardy perennials blooming the first season. The bright, fern-like, evergreen foliage forms a rosette, from which issue slender stems bearing their bright, fragrant flowers in endless profusion. Pkt., 10c.
- 1128½. **★POPPY.** Red Oriental. Fine perennial plants 3 feet tall, of rather massive form and bearing bright scarlet flowers 6 inches across, with a conspicuous black spot on each petal. Beautiful and very striking. Pkt., 10c.
1135. **PRIMULA.** Large Flowering. T. (Chinese Primrose.) The best of the fringe-leaved house primroses. Mixed colors. Pkt. 20c.
1138. **PRIMULA.** Giant White. P. The above in pure white. Pkt., 20c.
1139. **PRIMULA.** Obconica. P. More free blooming than the above, but smaller blossoms. Pkt. 25c.
1142. **ROSA MULTIFLORA.** (Illustrated, page 73.) Dwarf roses from seed. Pkt., 10c.
1163. **SENSITIVE PLANT.** The dainty, fern-like leaves are so sensitive that they close and droop at the slightest touch. Pkt., 10c.
1165. **SMLLAX.** T. Delicate climber of glossiest green; used in hanging baskets and in bouquets. Pkt., 10c.
1175. **STOKESIA.** (Corn Flower Aster.) A rare perennial growing two feet high and bearing many double blue flowers. Pkt., 10c.
1300. **SWEET WILLIAM.** Single Mixed. H. Like annual pinks, loved for its brilliant and enduring flowers. Pkt., 10c.
1301. **SWEET WILLIAM.** Scarlet Beauty. Very deep, rich color. Pkt., 10c.
1302. **SWEET WILLIAM.** Newport Pink. Striking salmon-rose. Pkt., 10c.
1315. **WALLFLOWER.** Half hardy perennials, bearing spikes of deliciously fragrant spring flowers. Pkt., 10c.



Iceland Poppies.

# THE GLADIOLUS.

Even more than the iris the gladiolus is the rainbow flower for it shows every hue of the rainbow in purest self colors and dainty blendings. The great lily-like blooms surpass the finest of the true lilies, not only in shape and markings but also in lasting qualities of the cut flowers and in ease of culture. Fairer than orchids, longer lasting than roses, they are as easily grown as potatoes. No other flower gives so much and costs so little.

## SPEND YOUR SUMMER AMONG OUR GLADIOLI.

**WILBRINK.** Probably the very earliest gladiolus grown; at least it is the earliest we have ever tried. The buds are lilac flushed and striped on a primrose ground. As the flowers open, the lilac changes to light shell pink with a hint of primrose, almost an "America" shade but without any tinge of lavender. The throat is deep yellow stippled with carmine. Flowers are of largest size, many open at once. One of the finest. Bulbs, 15c each; 6 for 75c; 12 for \$1.35; 25 for \$2.50; 100 for \$8.00, postpaid.

**MRS. FRANK PENDLETON.** One of the most exquisitely colored kinds on our entire list. Very large flowers of delicate pink, contrasting finely with the great splash of vivid scarlet on the lower petals. Each, 8c or 2 for 15c; 6 for 40c; 12 for 75c; 25 for \$1.40, postpaid.

**AMERICA.** Probably the most satisfactory gladiolus ever introduced and today without exception the most popular and most widely grown variety the whole world over. It makes a strong, healthy plant with three-foot erect flower spikes bearing many fine spreading blossoms all facing one way. The color is an exquisite soft lavender pink. We sell more bulbs of America than of any other gladiolus on our list. Each, 5c; 6 for 25c; 12 for 45c; 25 for 80c; 100 for \$3.00, postpaid.

**CRIMSON GLOW.** The name is the best description of its color. It has straight spikes of many flowers, which open 4 or 5 at once. This habit makes it a wonderful variety for cut flowers, the bouquets lasting two weeks or more. We consider this the best red variety. Each, 20c; 6 for \$1.00; 12 for \$1.90; 25 for \$3.50, postpaid.

**GOLDEN KING.** Brilliant yellow with intense crimson throat blotch. Each, 8c or 2 for 15c; 6 for 40c; 12 for 75c; 25 for \$1.45, postpaid.

**HALLEY.** Salmon pink with carmine marked yellow throat.  $4\frac{1}{2}$  inch blooms. Very early. Each, 8c or 2 for 15c; 6 for 40c; 12 for 75c; 25 for \$1.40, postpaid.

**MRS. FRANCIS KING.** A distinctive shade of flame pink, especially beautiful under artificial light. Next to America, the leading decorative variety in the florist trade. Each, 5c; 6 for 25c; 12 for 45c; 25 for 85c; 100 for \$3.00; 500 for \$10.50, postpaid.

**COLLECTION W.** Special Amateur's Collection. We have especially arranged this collection for those wishing to start with a few of the best varieties at the lowest price. We send two of each of the above varieties with descriptive leaflet on growth and habits, all for \$1.00, postpaid.

"Had wonderful success with our garden the past season. Your \$1.50 Collection of Gladioli was superb—just as good as one of Kunder's best. I had them side by side and they were equally good."

Mrs. E. M. Myers, Wisconsin.

"We failed to get your catalog a year ago so got seeds elsewhere, but we sure do like your seeds, so here is our order."

C. I. Evans, Kansas.

**WILLIE WIGMAN.** Large blush white flowers with great primrose bordered splashes of tulip red on lower petals. Exceptionally tall, graceful spikes. Each, 8c or 2 for 15c; 6 for 40c; 12 for 75c, postpaid.

**PANAMA.** A new seedling of America resembling the parent variety in every way except that it is a much deeper and clearer pink. Tall spike with wax-like flowers, large and well-arranged. Each, 8c or 2 for 15c; 6 for 40c; 12 for 75c; 25 for \$1.25, postpaid.

**SCHWABEN.** The largest flowered yellow gladiolus. It opens as a pure canary yellow shading to sulphur. The throat, of brightest gold color, is marked with a small, deeply set spot of brownish maroon. Schwaben is a sturdy vigorous grower and the luxuriant dark green foliage together with the rare color of the flowers makes it most effective for either bedding or cutting. Each, 8c or 2 for 15c; 6 for 40c; 12 for 75c; 25 for \$1.25; 100 for \$4.75, postpaid.

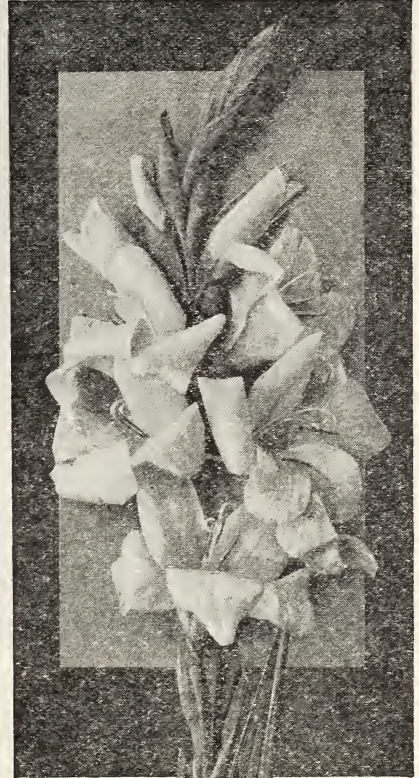
**NIAGARA.** One of the better large-flowering kinds, a sturdy grower with petals of heavy texture. The flowers are a delightful shade of cream with the two lower petals shading to canary yellow. The throat and petal edges are attractively splashed carmine rose. Each, 8c or 2 for 15c; 6 for 40c; 12 for 75c; 25 for \$1.40; 100 for \$5.50, postpaid.

**EMPRESS OF INDIA.** A rich dark red or deep velvety mahogany; the opening buds being almost black. Blooms early and opens to large size. Each, 8c or 2 for 15c; 6 for 40c; 12 for 75c, postpaid.

**RED EMPEROR.** A magnificent clear bright red, the petals showing a peculiar, satiny sheen. Wide-open flowers,  $5\frac{1}{2}$  inches in diameter, loosely arranged on strong graceful stems. Each, 20c; 6 for \$1.00; 12 for \$1.90, postpaid.

**GARDEN COLLECTION F.** Special Offer. By ordering this collection you save 25%. We offer two each of the above six named varieties together with six of the new Hybrids described below or 18 bulbs in all, a wonderful "glad" garden for only \$1.00, postpaid.

**PRIMULINUS HYBRIDS MIXED.** A new variety imported from South Africa. On account of their slender and graceful habit, delicate colors and attractive shape, these new hybrids will be much appreciated for indoor decoration. They make an exceptional and striking effect in artificial light and range in color from purest and lightest of yellows to the deepest orange and from the softest shade of pink to scarlet. The flowers are borne on tall, vigorous, branching stems and for graceful and artistic arrangement in vases are unsurpassed. 6 for 25c; 12 for 40c; 25 for 75c; 100 for \$2.25, postpaid.



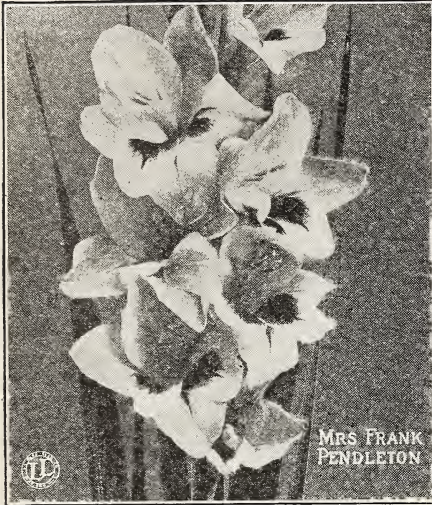
Wilbrink.

Gladiolus.



Crimson Glow.

# THE GLADIOLUS.



**PRIDE OF LANCASTER.** A brilliant orange salmon color. Habit of growth similar to Anna Eberius, but the flowers are ruffled and more upright. This is one of Kunderd's best varieties. Each, 20c; 6 for \$1.00; 12 for \$1.90; 25 for \$3.50.

**HERADA.** Blooms of immense size on tall, straight spikes. Color a pure mauve, clear and glistening, shading to deeper markings in the throat. A prize-winner. Each, 15c; 6 for 70c; 12 for \$1.35; 25 for \$2.50.

**RUFFLED GLORY.** A rich ivory color with a buff and crimson penciled throat and finely ruffled petals. Each 8c or 2 for 15c; 6 for 40c; 12 for 75c.

**ANNA EBERIUS.** A dark velvety purple, shading to a darker throat. A wonderful spike of close set flowers, which are large and open, forming an immense bouquet. Each, 20c; 6 for \$1.00; 12 for \$1.90; 25 for \$3.50.

**PRIZE-WINNING COLLECTION B.** We will send one bulb each of the above nine prize-winning varieties together with three bulbs of the Hybrids described on page 75 making one dozen in all for only \$1.25 postpaid. This will make a fine display for the fair and a rainbow of color in your garden. Very desirable for those who want something really beautiful and better than usual.

**DIENER'S AMERICAN BEAUTY.** Brilliant American Beauty color, throat yellow, striped with ruby. The spikes bear a large number of flowers at one time, which are set close together forming an immense and magnificent bouquet. The flowers are very large often measuring 5 inches across. We consider this one of the best of the newer varieties. Each 30c; 6 for \$1.50.



OLDS' MIXED GLADIOLUS BLOOMS.

## Special Low Prices on Fancy Varieties.

We thank our friends and customers for the unusual number of orders and letters of appreciation received last year. Our gladiolus sales were more than double those of the previous year. We are listing the bulbs in collections this year which we can pack and wrap before our busy season, thus assuring you quick delivery at planting time late enough that they will not be endangered by frost but early enough to reach you in good season for planting. Packing these in quantities also saves labor and we can give you more value for the money in these collections. All stock guaranteed true to name, large, healthy and sure to please.

### All Gladiolus Bulbs are sent Postpaid.

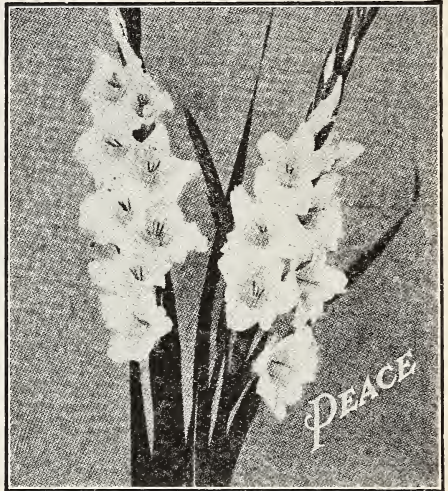
**MARY FENNEL.** The petals are a deep lilac shading to a soft primrose yellow throat. This color combination is beautiful. This is the prize-winner of all lavender varieties. Each, 20c; 6 for \$1.00; 12 for \$1.90; 25 for \$3.50.

**CONSPICUOUS.** The blooms resemble large light blue pansies with yellow centers. It is large flowering and makes a wonderful bouquet. It is well named as it is certainly conspicuous. Each, 15c; 6 for 70c; 12 for \$1.35; 25 for \$2.50.

**FLORA.** A beautiful clear yellow, just a shade lighter than Golden Measure, but with the same habit of growth. We have tried many new varieties and consider this to be the best canary yellow variety. Each, 20c; 6 for \$1.00; 12 for \$1.90; 25 for \$3.50.

**LE MARCHAL FOCH.** Rose pink, a deeper and richer color than America. A heavy grower and large-flowered variety; a fine cut flower, and the best deep-pink variety. Blooms very early. Each, 20c; 6 for \$1.00; 12 for \$1.90; 25 for \$3.50.

**LOVELINESS.** A cream pink. Many flowers open at the same time. The flower spikes are large and broad. Its name is its best description. Each, 20c; 6 for \$1.00; 12 for \$1.90; 25 for \$3.50.



**BLUE JAY.** A true "Blue Jay" shade, much lighter than Baron Hulot. The well-opened flowers are carried on tall, slender stalks. In color they are a light violet blue, sometimes flaked with indigo. The deep throat is feather crimson, quickly shading into a pointed black-maroon blotch with a great spot of cream at the tip. The cream color goes entirely through the petal showing in the reverse. The upper center petal carries two crimson spots which show on the back as creamy white. Each 25c; 6 for \$1.25; 12 for \$2.25; 25 for \$4.25.

**PRINCE OF WALES.** Large well opened flowers of clearest salmon but with old ivory throat, delicately flushed with salmon-rose. The stalks take up water well, the buds unfold to the very tip and many are open at one time. In season it is very early, blooming with Myrtle, Halley, and Chicago White and immediately following Wilbrink. We cannot speak too highly of this fine new gladiolus. No other variety can approach it in color. Each 20c; 6 for \$1.00; 12 for \$1.80; 25 for \$3.60; 100 for \$11.00.

**NOVELTY COLLECTION C.** We will send one each of the above new varieties together with three of the Hybrid bulbs described on page 75; six bulbs in all for only 75c, postpaid.

**OLDS' SUPERB MIXTURE.** The gladioli in this mixture are a blending of many colors, including most of our named varieties together with many new seedlings. The gladiolus more than any other flower will express your kind thoughts and sentiments. They are admirably suited for every occasion where flowers are used. No choicer cut flowers can be wished for, while as a showy display in the garden they are supreme. People who do not also plant mixtures—no matter how many of the named varieties they plant—will miss much pleasure. Plant them generously and you as well as your friends will surely enjoy them. 6 for 25c; 12 for 40c; 25 for 75c; 100 for \$2.25.

## THE GLADIOLUS.

**WAR.** Giant blood-red, shading to crimson black in throat, but without other markings. Tall and stately. The best red at a low price. Bulbs, 10c each; 6 for 50c; 12 for 95c; 25 for \$1.75, postpaid.

**PEACE.** Giant glistening white marked with a line of lilac on the lower petals. Each, 10c; 6 for 50c; 12 for 95c; 25 for \$1.75, postpaid.

**BARON HULOT.** The one variety we could not get along without. In color it is the richest and most velvety of dark indigo blues, a rare shade in gladioli. Each, 10c; 6 for 50c; 12 for 95c; 25 for \$1.75; 100 for \$6.75, postpaid.

**COLLECTION NO. 5.** We offer 5 each of the above three kinds, together with 3 of the Hybrids described on page 75, or 18 bulbs in all, for only \$1.00, postpaid.

**WHITE KING.** The same growth as Ruffled Glory. Color, amber white, splendidly ruffled, and nicely marked on the lower petals. Each, 10c; 6 for 50c; 12 for 95c

**SCARSDALE.** Lavender, tinted with old rose. Extra fine. Each, 8c or 2 for 15c; 6 for 40c; 12 for 75c; 25 for \$1.40.

**AUGUSTA.** A pleasing white, sometimes lavender feathered. Each, 5c; 6 for 25c; 12 for 45c; 25 for 80c.

**MRS. WATT.** American Beauty color. Each, 8c or 2 for 15c; 6 for 40c; 12 for 75c; 25 for \$1.25.

**EVALINE.** Smoky violet on terra cotta and salmon ground with band of pure rose cerise in throat. The petals are variously flaked and splashed with grayish blue and purple. Each, 8c or 2 for 15c; 6 for 40c; 12 for 75c.

**INDEPENDENCE.** Begonia pink with richly marked throat. Each, 8c or 2 for 15c; 6 for 35c; 12 for 60c.

**PINK PERFECTION.** True apple blossom pink with fine white stripes. We consider this the best of the light pink varieties. Each, 12c or 2 for 25c; 6 for 65c; 12 for \$1.10.

**SULPHUR KING.** Clear sulphur yellow flowers. Wonderfully effective cut with Baron Hulot. Each, 10c; 6 for 50c; 12 for 95c.

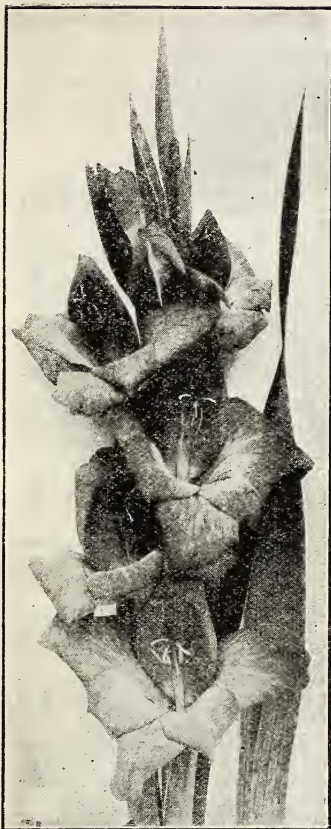
**PRINCEPS.** Intense scarlet, wide-open flowers of immense size. The lower petal has a large snow-white blotch in the throat. This is the most striking of all glads. Each, 10c; 6 for 55c; 12 for \$1.00; 25 for \$1.90.

**CHICAGO WHITE.** The very earliest snow white. Six to seven flowers open at one time. Each, 8c or 2 for 15c; 6 for 40c; 12 for 75c; 25 for \$1.25.

**VELVET KING.** Rich shade of velvet red with darker markings. A fine bedding sort and valuable as a cut flower especially under artificial light. Each, 8c or 2 for 15c; 6 for 40c; 12 for 75c.

**CHICAGO FIRE.** Brilliant scarlet. Flowers are large and open well on the stems. A fine landscape or bedding variety. Each, 8c or 2 for 15c; 6 for 40c; 12 for 75c; 25 for \$1.25.

**SUNSHINE MIXTURE.** This is a mixture of glowing shades ranging from the brilliancy of Chicago Fire to the rosy-purple of Pink Beauty. These make a fine showing as a bordering plant for tall shrubbery plantings and foundations. They should be planted closer together than usual for they send up many flower stalks and thus form a solid and well blended bed. Bulbs, 6 for 25c; 12 for 45c; 25 for 75c; 100 for \$2.25.



American Beauty.



Ruffled Glory and Schwaben.



Velvet King.



Prince of Wales.

# DAHLIAS.

More than any other, the dahlia is the flower of autumn, giving blossoms over a period of two to four months in late summer and fall. The dahlia divisions offered are strong and healthy, with plenty of crown. They make vigorous plants with many flower stalks. Dahlias are sent postpaid about March 1st.



Princess Victoria. (Show Variety.)

**Olds' New Dahlias.** We thank our friends and customers for the great number of orders and testimonials received last year. Our dahlia sales increased to such an extent that we were forced to disappoint some of you later in the spring, as we were entirely sold out. We are trying to show our appreciation of the increased sales by submitting an entire new list of excellent flowers at the lowest prices possible. All tubers are guaranteed to be true to name and we are sure their flowers will please you. These were propagated on our trial grounds, where we were able to watch the growth and habits and obtain a correct description of the bloom. The collections on this page were assembled with the color harmony idea in mind, and if the collections are planted promiscuously in any bed, the color blending will be pleasing to the eye. We are able to assemble these collections in large quantities before our rush season, thus saving labor and other expense. This saving we gladly pass along to you in these collections. A description of the three different types of dahlias we list follows above.

**No. 9. OBAN.** Large bushy plants producing many light mauve flowers. The blossoms are of medium size, but the plants bloom freely and are of a vigorous habit. A decorative variety. Each 15c; 6 for 75c.

**No. 10. BRONZE BEAUTY.** A strong grower. Flowers are medium to large of a beautiful golden-orange spotted with bronze. A wonderful show dahlia. Free blooming. Each 15c; 6 for 75c.

**No. 11. G. DOUZON.** We recommend this as the best large red decorative. Enormous brick-red flowers borne freely above the foliage. Each 15c; 6 for 75c.

**No. 12. CALEB POWERS.** Bright sea-shell pink, very early and a free bloomer. The flowers are held erect on long stiff stems. This is a show variety. Each 15c; 6 for 75c.

**No. 13. MRS. HARTONG.** Very large flowers of exquisite form. Color, light fawn suffused with pink. One of the finest show varieties. Each 20c; 6 for 90c.

**No. 14. A. C. IDE.** Very dark, almost black. A large fine flower with long stiff stems. This makes a wonderful effect when planted with the bronze varieties. Each 15c; 6 for 75c.

**No. 15. PRINCESS MARY.** A graceful flower of a lively solferino pink. Flowers are large peony-shaped and are held erect above the foliage on long wiry stems. Each 20c; 6 for 90c.

**No. 16. MORNING RAY.** A decorative variety that is fine for cutting. Color, violet rose, suffused and shaded toward the center with amber and orange. Each 20c; 6 for 90c.

## SPECIAL.

**DAHLIA COLLECTION B.** By taking advantage of this collection, you save 25%. We will send one labelled division of each of the above eight varieties for \$1.00 postpaid.

"In regard to your garden seeds, I have used them for five years and find them the purest and best I ever used. They are all true to name. I can heartily recommend L. L. Olds' garden seeds and will use no other as long as I can get them."

Sidney Hayner, W. Va.

## DECORATIVE TYPE.

Double flowers, full to the center, flat rather than ball shaped, with broad, flat, somewhat loosely arranged floral rays having broad points or rounded tips. Petals are straight or incurved, never incurved; margins revolute, if rolled at all. Not as formal as the show type.

## SHOW TYPE.

Large double flowers, nearly perfect ball or bomb shape, the petals fully quilled or cupped and regular. A free and continuous blooming type.

## CACTUS TYPE.

True fluted petals, flowers fully double, petals long, narrow, incurved or twisted. The unique formation of the petals make it similar to the chrysanthemum. Foliage usually clean cut and wiry, not as heavy as above types.

**No. 1. MADAM LUMIER.** A decorative variety. Medium early. The flowers are white, suffused with dark purple, the petals being tipped with bright red violet. Each 15c; 6 for 75c.

**No. 2. CRIMSON BEAUTY.** A show variety. Early. The flowers are bright crimson, large, and are borne on tall heavy stems, making this variety a good cut flower. A very free bloomer. Each 15c; 6 for 75c.

**No. 3. QUEEN OF YELLOWS.** An early and very prolific bloomer. This is a good cut-flower, the stems being long and stiff. This is the best golden yellow of the decorative type. Each 15c; 5 for 75c.

**No. 4. CECILE.** A decorative variety, of a bronze-buff color shaded with bronze. A fine grower. The flowers are large and set on long good stems, very fine for cutting. Each 15c; 6 for 75c.

**No. 5. SYLVIA.** A show variety. The most satisfactory flower for cutting. Very pretty soft shell pink with full white center. An early and profuse bloomer. Each 15c; 6 for 75c.

**No. 6. MINNIE McCOLLOUGH.** A flower of true fall colors. A ground color of old gold shading toward a center of autumn red. This is a splendid cut flower. Each 20c; 6 for 90c.

**No. 7. MOROCCO.** A decorative variety, medium early. A good grower, with large well formed blooms of purple velvet shaded maroon and often tipped with white. Each 15c; 6 for 75c.

**No. 8. PRINCESS VICTORIA.** The best bloomer of the yellow show dahlias; flowers unusually full and round and of lemon yellow color. Strong stems and fine for cutting. Each 15c; 6 for 75c.

## SPECIAL.

**DAHLIA COLLECTION A.** By taking advantage of this collection, you save 25%. We will send one labeled division of each of the above eight varieties for \$1.00, postpaid.



Queen of Yellows.  
(Decorative Variety.)

## DAHLIAS, ETC.



Caleb Powers (Show Variety.)

21. **DELIGHTED.** Gigantic pure waxy white, flowers held well above foliage on strong stems. Fine for exhibition purposes. Each, 35c; 6 for \$2.00.

22. **JACK ROSE.** A good crimson for the garden or cutting. Free blooming and the color of the well known "Jack," crimson rose. Each, 15c; 6 for 75c.

23. **LYNDHURST.** A decorative variety of bright vermilion color. Very free bloomer. Each, 15c; 6 for 75c.

### CACTUS DAHLIAS.

The flowers of Cactus Dahlias are loosely and artistically formed with long, twisted interlacing petals, reminding one of chrysanthemums.

**J. H. JACKSON.** An exceptionally satisfactory dahlia fine for massing or for cut flowers. Gigantic blooms of the straight petalled type, holding up well in water. In color it is a velvety maroon black. Each, 25c; 6 for \$1.25.

**WINSOME.** A large sea-shell pink, a very vigorous grower and free bloomer. Each, 20c; 6 for 90c.

**QUEEN OF HEARTS.** A beautiful flower of glistening white, with upstanding petals which are tinted with canary yellow at the base. Each, 20c; 6 for 90c.

### SPECIAL.

We offer one labelled division of each of the three cactus dahlias listed above for 50c postpaid.

## TUBEROSE.

The sweetest scented flower that grows and altogether one of the most charming. Easily grown.

**DWARF PEARL.** Large, double wax-like flowers of purest white and orange-blossom fragrance. Each, 10c; 6 for 45c; 12 for 80c; 50 for \$2.50, postpaid.

**MEXICAN.** Snow white single flowers, delightfully fragrant. Begins to bloom much earlier than the Dwarf Pearl. Each, 8c or 2 for 15c; 6 for 40c; 12 for 75c; 50 for \$2.35, postpaid.



Minnie McCollough.  
(Decorative Variety.)

**OLDS' FINEST MIXED DAHLIAS.** A blend of choice named varieties showing every shape, size, and color to be found in dahlias. Colors range from scarlet, crimson, purple and lavender through all the shades of pink, orange, and yellow to white. Please note that our mixture is made up early in the season and when you order mixed Dahlias we cannot tell which colors you will get. 3 for 35c; 6 for 55c; 12 for \$1.00; 50 for \$3.60.

17. **LUCY FAWCETT.** A show variety of great value. Color, lemon-yellow, striped and stippled with magenta. Large flowers of good form. Each, 20c; 6 for 90c.

18. **JAMAICA.** A large flower of purple garnet shading to a yellow center. Show variety. Each, 15c; 6 for 75c.

19. **ARABELLA.** Ground color of sulphur-yellow with tips and shadings of old rose and lavender. Entire flowers overlaid with light pink. A beauty of the show type. Each, 15c; 6 for 75c.

20. **IMPERIAL.** Color, rich deep purple; ball-shaped blooms which are well quilled. A good free-blooming show variety. Each, 15c; 6 for 75c.

### SPECIAL.

We have on hand a large quantity of dahlia roots, that are all red flowering.

We are not positive of the names of these varieties and therefore are listing them as Mixture No. 1. Those who care for the red shades alone will find excellent value in this offer.

Mixture No. 1: 6 for 60c; 12 for \$1.10.



G. Douzon. (Decorative.)

## CINNAMON VINE.

A quick growing, hardy climber, with glossy heart-shaped leaves and fragrant flowers. For best effect, plant in groups of three. 3 for 20c; 12 for 60c; 25 for \$1.00, postpaid.

## THE CANNA.

Most popular of all tuberous plants for brilliant bedding and massing. We offer strong root divisions.

**FIREBIRD.** The flowers of intense cardinal red, are often seven inches across. Blooms early and freely. Foliage, rich green. Four feet high. Each, 20c; 6 for \$1.00; 12 for \$1.85, postpaid.

**GUSTAVE GOMPPEE.** Immense flowers of clear golden yellow. In size, shape, and season a good companion to Firebird. Each, 20c; 6 for 90c; 12 for \$1.60, postpaid.

**HUNGARIA.** Large flowers of purest satiny pink. Compact green foliage, 3 feet high. Each, 15c; 6 for 80c; 12 for \$1.45, postpaid.

**EUREKA.** The finest white canna, a contrast with the scarlet one. 4 feet high. Each, 15c; 6 for 80c; 12 for \$1.45, postpaid.

**RED KING HUMBERT.** Orange-scarlet, marked crimson. Luxuriant chocolate colored foliage. Each, 15c; 6 for 60c; 12 for \$1.15.

**DAVID HARUM.** Bronze foliage and vermilion flowers. About the freest blooming canna. 3½ feet high. Each, 10c; 6 for 50c; 12 for 85c, postpaid.

**YELLOW KING HUMBERT.** Canary yellow, dotted crimson. Each, 15c; 6 for 70c; 12 for \$1.35, postpaid.

**COLLECTION NO. 21. Canna Bed.** 7 feet across,—19 plants. We will send 1 Firebird, 6 Yellow King Humbert, and 12 David Harum for only \$1.75, postpaid.

# HARDY FLOWERING PLANTS.

All postpaid, each 25c; 4 for 80c; except those otherwise priced.



Golden Glow.

**GOLDEN GLOW.** (Rudbeckia.) Strong, hardy plants growing 6 to 8 feet high and bearing a great profusion of double golden-yellow flowers throughout August and September. The whole mass of blooming plants takes on the appearance of a bank of golden glow; hence its name. Very free bloomers, requiring no care whatever, and which live and increase for years. As many as 50 golden blooms may frequently be counted on one vigorous plant. Each, 15c; 4 for 50c.

**DIANTHUS, CLOVE PINKS, SWEET WILLIAM.** Perfectly hardy and flowering continuously from spring until late fall if the flowers are removed when they begin to fade. Their spicy fragrance rivals their brilliant colors, varying from pure white to the richest crimson, many being beautifully striped and laced.

**BLEEDING HEART.** Long drooping racemes of heart-shaped flowers. Each, 75c; 4 for \$2.50.

**PEACH BELLS.** (Campanula Persicifolia.) Somewhat similar to Canterbury Bells but perennial. They throw up a liberal number of flower spikes which are crowded with a profusion of good sized bells. We offer both blue and white.

**COLUMBINE.** (Aquilegia.) Dainty, spurred flowers on stems rising 2 feet or more above handsome divided foliage. Airy and graceful.

**HOLLYHOCK.** These stately old-time favorites, full of sentiment and of beauty, bear large, perfectly formed flowers in many lovely colors and shades.

**LEOPARD'S TONGUE.** (Duranican.) Tubular flowers of coral red.

**DELPHINIUM.** Gold Medal Hybrid, Larkspur. Perhaps the most beautiful hardy plant in cultivation. Great pillars of bloom, sometimes 8 feet tall, of every shade of blue, and increasing in size and beauty yearly. Each, 30c; 4 for \$1.00.

**Belladonna.** Sky blue. A continual bloomer. Each, 30c; 4 for \$1.00.

**ORIENTAL POPPY.** Far surpassing annual poppies in splendor of color and richness of bloom. Each, 30c; 4 for \$1.00.

**FALSE DRAGONHEAD.** (Physostegia.) A handsome midsummer flowering perennial forming large clumps 3 to 4 feet high, bearing dense spikes of pink flowers, of delicate but conspicuous beauty.

**GAILLARDIA.** Blanket Flower. One of the most satisfactory of all hardy perennials. In beds or in borders they produce a continuous profusion of gorgeous bloom throughout the summer and fall. When other flowers are scarce because of drought, the Gaillardias continue to thrive and bloom as bounteously as ever. The large brown center is surrounded by petals marked with concentric rings of brilliant crimson, scarlet, orange and vermilion. One of the few perennials which are always in blossom.

**STATICE.** Sea Lavender. A wonderful border plant with leathery leaves and branching candelabra-like heads.

**DAY LILY.** (Hemerocallis.) Fulva or Tawny. These well known old-fashioned flowers are among the more popular perennials. The plants are perfectly hardy and thrive almost anywhere. The large trumpet-shaped flowers of coppery orange, shaded red, are carried on stems 3 or 4 feet tall, blooming profusely in July.

**FOX GLOVE.** (Digitalis.) A biennial but renews itself from self-sown seed. Stately and dignified old-time flowers growing on tall stalks. The inflated, tubular blossoms are of very striking beauty.

**BABY'S BREATH.** (Gypsophila.) Large panicles of minute white flowers making a delicate, misty cloud of bloom.

**COREOPSIS.** Sometimes called yellow daisy. Borne on numerous stems in great profusion nearly all summer.

**DAISY.** *Chrysanthemum Latifolia.* The most vigorous, most hardy, handsomest and altogether most satisfactory daisy. Does well in semi-shade.

**Memorial.** In bloom by Decoration Day.

**Shasta.** Burbank's great introduction. 4 to 5 inches across.

**Giant.** Great white daisies on swaying 4-foot stems.

**Pyrethrum.** Dwarf-colored daisies, white, red and pink. Mixed colors only.

**LILY OF THE VALLEY.** Sprays of drooping waxy-white, perfumed bells, succeeding anywhere, but preferring shade. Spreads and increases yearly. Large clumps. Each, 30c; 4 for \$1.00.

**BEARD TONGUE.** (Penstemon.) Spikes of bright, showy, scarlet flowers.

**CHINESE LANTERN.** (Physalis.) Can be dried for winter bouquet.

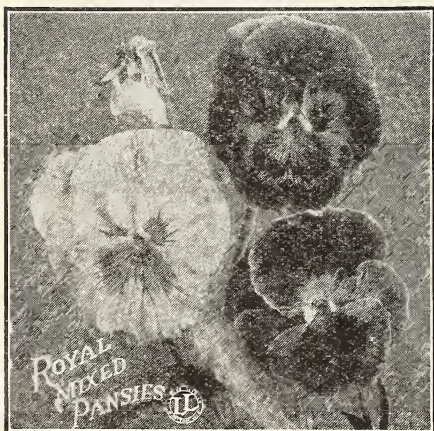
**SPIREA.** Meadow Sweet, Peasant Feather. Beautiful feathery plumes of flowers. Dwarf white, tall white, and tall pink.

## BUTTERFLY BUSH.

A deciduous shrub dying back to the ground each winter but growing up very rapidly from the roots in the spring. Starts blooming in July and bears long tapering spikes of lilac colored flowers until frost. Exceedingly beautiful. Pot-grown plants, 30c each; 3 for 75c; 12 for \$2.40, postpaid.

## PANSY PLANTS.

Although the pansy is a hardy perennial, it is usually treated as an annual or a biennial. We offer vigorous plants, grown from seed produced from named exhibition flowers—many of them ruffled—and showing a wonderful range of color. We selected the seed and grew the plants on our trial grounds, and we have never seen before such a glorious variety of colors, nor such a blending of brilliant shades. The plants are hardy, and can be planted early. They will bloom from June until frozen down in the fall. Strong well rooted plants, ready to bloom, postpaid: 60c per doz.; 50 for \$2.00.





## THE PEONY.

In Japan they call it "The King of Flowers" and the splendor of its massively formed and richly colored blossoms would seem to justify the title. Hardy as an oak, doing equally well in sun or partial shade, it is worth growing for its wealth of ornamental foliage alone. The plants we offer are extra large divisions of three to five eyes each and will usually bloom the first spring. **ALL PLANTS ON THIS PAGE MAILED POSTPAID.**



Festiva Maxima.

son. Petal tips develop a silvery sheen with age. A very fine variety. Each 85c; 3 for \$2.35.

**COLLECTION NO. 19.** We will send one each of the above six varieties for only \$3.50, postpaid.

**PLEASE NOTE.** Peonies should be planted either early in the spring or in the fall. All orders received before April 25th will be shipped at once or when weather permits digging. Orders received after that date will be held and sent out about September 1st.

## THE GARDEN IRIS.

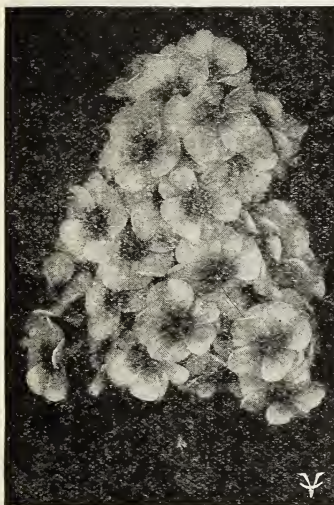
The Iris is a sun lover although it does well in the shade. It succeeds on any well-drained soil and is among the hardiest of garden perennials.

**MADAM CHEREAU.** The stately, pure-white flowers are bordered and laced with brightest blue. Each, 25c; 4 for 90c; 12 for \$2.35.

**RHEIN NIXE.** A charming iris. Rich raspberry purple and white. Each, 35c; 4 for \$1.30; 12 for \$3.25.

**SILVER KING.** Nearly pure white. Early. Each, 30c; 4 for \$1.05.

**LOHENGRIN.** A rare and attractive shade of mauve pink, blending well with Silver King when the two are cut together. Each, 35c; 4 for \$1.30.



Phlox.

**SAPPHO.** Exceptionally tall and free-blooming. Large, dark blue flowers. Each 25c; 4 for 90c.

**SHERWIN WRIGHT.** A vigorous, free-blooming, golden-yellow iris, without markings or shadings. Each 40c; 4 for \$1.40.

**JAPANESE IRIS.** (Assorted varieties.) Petal segments large and spreading, giving the flower the flat extended form characteristic of this group of aristocrats. Each 30c; 4 for \$1.20.

**MIXED IRIS.** Many beautiful colors. 12 for \$1.00.

## PHLOX.

The phlox thrive in almost any soil or location and flower through a long season in midsummer and for many years without care.

**MISS LINGARD.** White with faint lilac eye. Free-blooming May to October. Each 30c; 4 for \$1.05.

**ELIZABETH CAMPBELL.** Bright salmon, shading to deep rose-pink. Very large bloom. Each 35c; 4 for \$1.25.

**TWILIGHT.** (Crepuscule.) White, tinged with violet, and shading to carmine-purple at the center. Each 25c; 4 for 85c.

**R. P. STRUTHERS.** A smooth blending of rosy-carmine



Golden Harvest.



Irises: Mme. Chereau, Sappho and Silver King.

with salmon. Darker eye. Fine large truss. Our best seller. Each 30c; 4 for \$1.05.

**SUNSET.** Dark, rosy-pink. Each 30c; 4 for \$1.05.

**GOLIATH.** A fine large red. New. Each 30c; 4 for \$1.05.

**MIXED PHLOX.** An assortment of our very best varieties. Dozen \$1.75.

## HARDY DOUBLE CHRYSANTHEMUMS.

Garden chrysanthemums give a wealth of bloom in the late fall when most other out-door flowers are past. Price, any variety or assorted, each, 30c; 3 for 80c; 12 for \$2.25.

**ETNA RED.** A most striking and attractive shade of clear flame red with a gleam of salmon.

**OLD GOLD.** A good yellow with darker shadings. Valuable for either garden display or cutting.

**ROSE LAVENDER.** Large fluffy flowers of blended lavender and rose. We have counted over 60 blooms open on one plant at the same time.

# ROSES AND HOUSE PLANTS

Hardy Everblooming Monthly Roses.



Everblooming Variegated Bush Rose, Ophelia.

**COLUMBIA.** Peach-blow pink. Rich foliage.  
**WHITE COCHET.** Silvery white, with porcelain shadings.  
**MAIDEN BLUSH.** White, shading to pink.  
**RED RADIANCE.** Unfading cerise red.  
**SUNBURST.** Rich yellow, orange center.  
**ETOILE DE FRANCE.** Deep-glowing crimson.  
**OPHELIA.** Salmon-flesh color shaded with rose. One of the very finest for cutting.  
 Price, 30c each; 3 for 85c; 2-year plants, 75c, \$2.14.

**AMERICAN BEAUTY.** Rich crimson; "Greatest of Roses."  
**LA FRANCE.** Soft pink. World famous.  
**KAISERIN.** Continuous bloomer; snow-white.  
**LADY HILLINGDON.** Deep coppery yellow.  
**CRUSADER.** Dark velvety maroon.  
**SPECIAL OFFER.** Any 5 of above roses, 1-year, \$1.25; any 5 in 2-year plants, \$3.25. The above dozen roses \$2.40; the 12 in 2-year size, \$6.95.

## HYBRID PERPETUAL ROSES.

**WHITE AMERICAN BEAUTY.** The best snow-white rose ever introduced. Has no equal in size.  
**CLIO.** Flesh-color, shaded in center to rose pink.  
**PRINCE CAMILLE DE ROHAN.** Dark velvety crimson, almost black.  
**PAUL NEYRON.** Largest of all. Deep rose-pink color.  
 Price, 35c each; 3 for 90c; 2-year plants, 75c each; 3 for \$2.15; 1 each of the 4 varieties, 1-year, \$1.00; 2-year, \$2.40.

## DWARF BUSH ROSES.

**BABY DOLL.** Golden yellow tipped cerise. 1-yr. 30c, 2-yr. 75c.  
**ORLEANS.** Geranium pink, white center. 1-yr. 30c, 2-yr. 75c.  
**WHITE BABY RAMBLER.** Pure white flowers. 1-yr. 30c, 2-yr. 75c.

## RAPID GROWING HARDY CLIMBING ROSES.

**RED DOROTHY PERKINS.** Bright crimson flowers in clusters.  
**BLUE RAMBLER.** The flowers are metallic blue.  
**DOROTHY PERKINS.** Beautiful shell pink Rambler.  
 Price, 30c each; 3 for 75c; 2-year plants, 70c each; 3 for \$2.00.

**CLIMBING AMERICAN BEAUTY.** Soft glowing red; fragrant; long stems.  
**SHOWER OF GOLD.** Deep golden yellow with orange shadings; a showy Rambler.  
**SPECIAL.** 1 each above 5 climbers, 1-year size, \$1.00; 2 year, \$2.95.

## BEST FUCHSIAS.

**PHENOMENAL.** Bright scarlet flowers with rich purple corolla; very double.  
**WAVE OF LIFE.** Golden foliage, flowers dark purple, single.  
**AURORA BOREALIS.** The flowers are four inches or more in length; tube and sepals bright carmine.  
**BLACK PRINCE.** Very finest single fuchsia. Flowers a harmonious blend of carmine-rose.  
 Price, 25c each; 3 for 70c.

## GIANT HIBISCUS 25c.

**PEACHBLOW.** Double; charming rich pink; an entirely new and most beautiful shade. 25c each; 12 for \$2.50.  
**COLERIL.** Buff-yellow, crimson base, 20c.  
**GRANDIFLORA.** Rich crimson, 20c.  
**MINIATUS.** Vermillion scarlet, 20c.



Peachblow Hibiscus.



Roosevelt Fern.

## POPULAR FERNS.

**WHITMANIL.** The ostrich plume fern. Fronds often over 8 ins. wide.  
**BOSTON.** Long drooping fronds. A fern that looks well anywhere.  
**ROOSEVELT.** Dense massive fronds; erect in growth. Exceedingly graceful in appearance.  
 Price, 25c each; larger size, 50c; extra large sizes, 75c and \$1.50.

**STRAWBERRY GERANIUM.** Striped foliage trailing runners, white flowers. A handsome plant, 25c each; 3 for 70c.

**FRENCH OR PORCH HYDRANGEAS.** For the porch, lawn and garden.

**BOUQUET ROSE.** The most popular of all Hydrangeas. Deep rosy-amber, turning to a bright red. Each 35c; 3 for 90c.  
**LA FRANCE.** Large trusses of flowers, fringed delicate rose, produces a wealth of bloom. 30c each.  
**MME. MOUILLERE.** Very large flowers, frequently over 8 inches in diameter; of purest white with rosy-carmine eye, 30c.



## CHRYSANTHEMUMS.

Price, 25c each; 3 for 70c.  
**RED OSTRICH PLUME.** Rich red flowers heavily plumed.  
**OCTOBER FROST.** Snowy white. Immense blooms.  
**YELLOW OSTRICH PLUME.** Large plumed flowers of a rich yellow color.  
**DOLLY DIMPLE.** A glowing golden yellow. Flowers are always large.



Fuchsia, Gloire des Marches.

# HOUSE PLANTS

**S. A. NUTT.** The darkest red Geranium.  
**JEAN VIAUD.** Rosy pink; free flowering.  
**BUCHNER.** Bushy plants with white flowers.  
**MRS. LAWRENCE.** A satiny, salmon-pink.  
**ALPHONSE RICARD.** Brilliant orange red.  
**JEAN OBERLE.** Large flowers of peach-pink.  
 Price, 25c each; 3 for 70c; 12 for \$2.30.  
**SPECIAL.** Any five of the above, \$1.00.

## FANCY LEAVED GERANIUMS.

**HAPPY THOUGHT.** Dark green foliage with white center, bordered bronze. Flowers scarlet. 25c ea.  
**GOLDEN TRICOLOR.** Leaves have bronze zone belted with crimson and edged golden-yellow. Orange-red flowers. 30c each.  
**SILVER LEAVED S. A. NUTT.** The most beautiful of the silver-leaved varieties; flowers, dark red. 25c each; 3 for 70c.



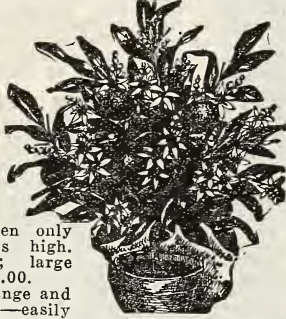
## MAHOGANY REX BEGONIA.

**LOUISE CLOSSON.** Center of leaf is deep maroon with broad band of silvery rose, edged bronze. Oddest color of all the Rex. Rich foliage. 50c each.

Begonia, King of Rex.  
**SPECIAL.** 3 different varieties of beautiful Rex Begonia. \$1.10, postpaid.  
**BEGONIA, KING OF REX.** Rich metallic foliage, in colors blending from bright green, silver, and orange to a bright plum. Mammoth leaves. 45c each.

## DWARF FRUITING ORANGE.

A true Orange, bearing masses of waxy-white fragrant blossoms followed by bright colored, very sweet fruit. Plants bloom and bear fruit when only five or six inches high. Plants, 30c each; large plants, 50c and \$1.00.  
**SPECIAL.** 1 Orange and 1 Lemon plant—easily grown house and porch plants—48c.



Otaheite Orange.

**SNAKE PLANT.** The ideal house plant, its thick, leathery, sword-like leaves standing the heat, dust and gas with impunity. Leaves are dark green in color, striped with white. 30c each.

**AMERICAN WONDER LEMON.** Fruit often weighs over 3 pounds. Excellent for lemonade, pies, etc. Blossoms very sweet-scented. Bears fruit at all stages of growth. Can be grown anywhere. 30c each; large plants, 50c and \$1.00.



Christmas Red Begonia.

**MAMMOTH  
 BEEF STEAK  
 BEGONIA.** A low spreading Begonia, with circular leaves, red beneath and dark glossy green above, and of heavy texture. 25c each.

**CHRISTMAS  
 RED BEGONIA.** Foliage rich, glossy green, shaded bronze; flowers coral red. Never out of flower. 25c each.



Salmon Geranium, Mrs. Lawrence.

## SWEET-SCENTED GERANIUMS.

**CUT LEAF ROSE.** Sweet scented. Pink flowers.  
**STAGHORN.** Fern-like foliage. Cerise flowers.  
**BALM.** Strong fragrance; lilac colored flowers. Very fine.  
**LADY MARY.** A nutmeg scented Geranium. Pink flowers. Price, 25c each; 3 for 70c; \$2.40 per dozen.  
**SPECIAL.** 1 each of the 4 varieties, 90c.

## VIOLET, LADY

### CAMPBELL.

A Violet whose grandeur exceeds the highest expectations of the most enthusiastic flower lovers, and which is now taking the country by storm. Large and free flowering, 25c.



Violet, Lady Campbell.

**WANDERING JEW.** A wonderfully fast-growing, trailing vine; multi-colored foliage. 15c each; 3 for 40c.

## GIANT WHITE CALLA LILY.

(Calla Godfrey.) Pure white flowers, of unusual size. Free blooming. 25c each; large plants, 45c each.

## COMBINATION OFFERS.

- No. 1, 6 Charming "Monthly" Roses, all different, \$1.00.
- No. 2, 2 Tea Roses, 2 Hardy Roses, 2 Climbing Roses, \$1.00.
- No. 3, 6 Beautiful Climbing Roses, our selection, \$1.00.
- No. 4, 6 Geraniums, all different, \$1.00.
- No. 5, 6 Hardy Chrysanthemums, \$1.00.
- No. X-1, 4 Beautiful Ferns, different varieties, \$1.00.
- No. 6, 6 Choice Coleus, our selection of varieties, \$1.00.
- No. 7, 6 Prize winning Exhibition Chrysanthemums, \$1.00.
- No. 8, 20 Tea and "Monthly" Roses, our selection, \$2.50.
- No. 9, 20 Geraniums, double and single, all kinds, \$2.50.
- No. 10, 20 Chrysanthemums, Fuchsias, Geraniums, \$2.25. Our selection of varieties.

## FEATHER FERN.

The foliage is composed of dense, glossy-green, graceful drooping branches. Can be grown as a vase, pot, or tub plant. Sprays four to five feet long. 30c each; larger plants, 75c ea.



## WEEPING LANTANA.

In continuous bloom winter and summer. Flowers violet-pink. 25c each; 3 for 70c.

**LACE FERN.** Bright green foliage, fine and plume-like. Climbing. 30c each; larger plants, 75c.



Are your house plants as nice and healthy as you wish them to be? If not, it may be because you are not feeding them "Watch-em-Grow" Plant Food. Contains just the right balance to feed and not stimulate them. Odorless, soluble, highly concentrated, quick-acting. Large trial package, 10c, postpaid. Return empty package for 10c credit on large can. Big eight ounce can only 50c, postpaid.

## SHRUBS AND VINES

We have our own Nursery and most of the plants and bulbs we offer are produced right here at Madison. We know our stock is good for we grow it that way. Remember we pay all postage except where otherwise mentioned. "Planting that Nursery Stock." A most valuable booklet, complete but concise, by Professors James G. Moore and Franz A. Aust of the Horticultural Department, University of Wisconsin. Postpaid, 10c, or free on request with nursery order.

### HARDY VINES.

Vines listed below. 40c each; 3 for \$1.00, postpaid.

**VIRGINIA CREEPER.** A hardy rapid-growing climber with luxuriant foliage which changes in autumn to brilliant orange and crimson.

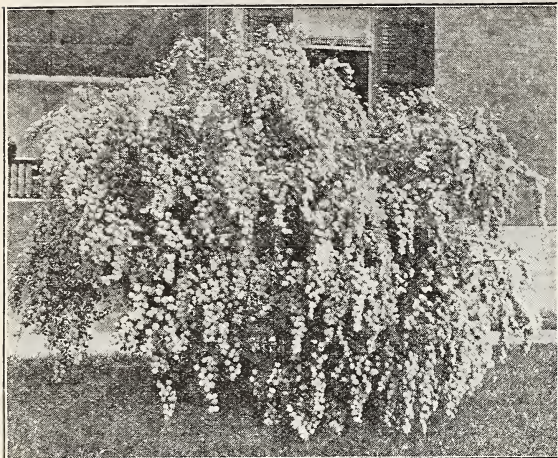
**TRUMPET FLOWER.** (*T. radicans*). A very robust, rapid-growing vine with large scarlet, trumpet-shaped flowers in August. A good combination with Clematis *Paniculata*.

**SCARLET HONEYSUCKLE.** A tall sturdy climber especially suitable for a north position. The bluish green foliage covers well and the plant blooms from midsummer until very late in the fall. The flowers are trumpet-shaped and of a bright vermilion color with a golden yellow center.

**IVY.** (*Engelmanii*). This is a vine we are listing in the place of the well known Boston Ivy. It has a much heavier foliage, which turns to bright crimson in the fall. It also has the clinging habit of growth and may be planted to climb smooth surfaces; much harder than the Boston and will do well in any situation.

**HALL'S HONEYSUCKLE.** A tall climber with dark drooping foliage and fragrant yellowish flowers which are followed by crimson berries which hang all winter.

**ORIENTAL BITTERSWEET.** Heavy foliage with orange flowers followed by crimson pods. Will do well in any soil or situation.



Spirea Van Houttei.

### HARDY SHRUBS.

**SPIREA VAN HOUTTEI.** (Hardy Bridal Wreath). Slender bushy shrubs, upright in growth, but in May and June a fountain of arching, snowy white bloom. The rich green foliage is especially pleasing in its autumnal colorings. For specimen or foundation plantings Spirea Van Houttei is unequalled and it makes a most attractive flowering hedge. Each, 40c; 3 for \$1.10; 12 for \$4.25.

**FROEBEL'S SPIREA.** A Japanese type with bluish green leaves and red stems. Rather more dwarf than Van Houttei. Begins to bear flat clusters of rose colored flowers almost as soon as planted and continues in bloom until late autumn. Bushy plants. 1 1/2 to 2 feet. Each 40c; 3 for \$1.10; 12 for \$4.25, postpaid.

**CORNUS SIBERICA.** (Red Winter Dogwood). A sturdy upright shrub growing six to ten feet high and of especial value for screening unsightly views. Cream colored flowers in numerous flat clusters followed by berry-like fruits of palest blue. The bark of the new shoots is a rich intense red, giving a warm and brilliant effect in winter. Each, 40c; 3 for \$1.10; 12 for \$4.25.

**ALPINE CURRANT.** This shrub is nearly evergreen, of fine form and does well in any position. We recommend it especially for those shady places where ordinary shrubs do not thrive. The foliage is glossy, fine-cut and very dense. White flowers followed by crimson berries. A very rare shrub, \$1.50 each, postpaid.

**SYRINGA or MOCK ORANGE.** (*Grandiflora*). A large shrub of 8 to 10 feet. Very hardy, with handsome foliage. Blooms in June producing beautiful white flowers in great profusion, slightly fragrant. A very vigorous grower. Good for foundation planting and also makes a fine specimen plant. Each, 40c; 3 for \$1.10; 12 for \$4.25.

### HEDGE PLANTS.

**PRIVET.** Amoor (Siberian). A fine upright shrub, almost evergreen with pure white flowers in June followed by purple seed pods. Also a good specimen plant. Each, 40c, postpaid. By express: 6 for \$1.75; 12 for \$3.50.

**JAPAN BARBERRY.** Dense growing, thorny shrubs with drooping yellow flowers followed by bright red berries which hang all winter. This variety does not harbor wheat rust and may be planted anywhere. Each, 30c, postpaid. By express: 12 for \$3.00.

"All your seeds and plants have done well, even here, where seasons are usually short and dry."

R. F. Dubes,  
Alberta, Canada.

"My yellows resistant cabbage which I raised from your seed, was just fine. The collection No. 6 of gladioli were beautiful. The Red Emperor could not be beat."

Mrs. C. R. Silverthorn,  
Indiana.

"I bought some tulips from you last fall and will say I had the nicest tulips I have ever seen, and everybody who saw them said the same."

Mrs. Joe Twedt,  
Wisconsin.

**BUSH HONEYSUCKLE.** Long-lived shrubs of dense upright growth, eventually reaching a height of 5 to 8 feet. In spring they bear myriads of fragrant white blossoms followed by a profusion of vinous red "twin" berries that hang on the branches until winter. A valuable shrub for screens or massing. Each, 50c; 3 for \$1.25, postpaid. Extra large, by express: 75c each; 3 for \$2.00.

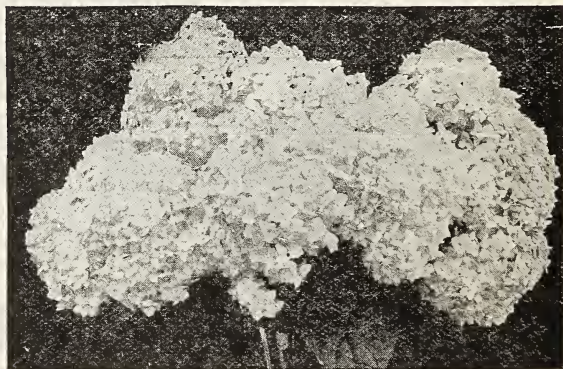
**FORSYTHIA or GOLDEN BELLS.** The first flowering shrub to greet the opening spring, the pretty golden bells lining the branches before the leaves appear. Forsythia makes a fine arching growth and the foliage all through the summer is a dark and handsome green. Each, 45c; 3 for \$1.15, postpaid.

**SNOWBERRY.** One of the prettiest of low-growing shrubs, hardy, and succeeding in almost any soil or in partial shade. The tiny pink flowers are followed by waxy white berries which last well into the winter. Each, 40c; 3 for \$1.10, postpaid.

**PURPLE LILAC.** An old-time favorite that will always remain popular. Flowers have a delicate but unique fragrance. Each, 40c; 3 for \$1.10, postpaid.

**WHITE LILAC.** Similar to the purple variety in growth. Very vigorous and hardy, 8 to 10 feet high, bearing clusters of creamy-white flowers. Is very fragrant and is fine planted with the purple variety along drives or for screening unsightly views. Each, 50c; 3 for \$1.25.

**DWARF SNOWBALL.** A dense glossy shrub two feet tall. Hardy and a fine specimen plant for the popular porch tubs. \$1.00 each, postpaid.



**HYDRANGEA PANICULATA.** Creamy white flowers changing to pink and borne freely in immense panicles. Easily grown, beginning to bloom the first of July and continuing until fall. Each, 50c; 3 for \$1.25; 12 for \$4.75, postpaid.

## OLDS' NORTHERN GROWN FRUIT TREES

We guarantee good stock and good packing. While we exercise the greatest care to have all stock genuine, we do not give any warranty, and in case of any error on our part it is mutually agreed, that we shall not at any time be held responsible for a greater amount than the original price of the goods.

Trees go by express or freight at customers' expense.

THE PRICES QUOTED BELOW ARE FOR THE QUANTITIES NAMED, ALL ONE VARIETY IN EACH CASE.

### THE NEW MINNESOTA PLUMS.

Seventeen years ago the legislature of the State of Minnesota made an appropriation in order that the Horticultural Society of that state might improve their varieties of fruit to at least equal those of any other state similarly situated and still be suitable to the extremes of Minnesota climate. Many horticulturists consider their success with plums, the most remarkable advance in fruit growing made in fifty years. These delicious plums were produced by crossing the Burbank and other Japanese varieties with our hardy native sorts. They are hardy anywhere in the Northwest. They begin to bear the second year from planting and produce fruit that will equal in size and quality the best California Plums. We are glad that we can offer them this season at reasonable prices.

★**Loring Prize.** This plum was awarded a \$100.00 prize by the Minnesota Horticultural Society as the best in Minnesota. Big red plums as large as good sized peaches and much the same shape and of wonderfully fine flavor.

★**Monitor (Minnesota No. 70).** An unusually strong tree, its strong shoulders enabling it to carry its immense load of dark red fruit without breaking. It is an annual bearer, having yielded a large crop each of the last eight years.

★**Underwood (Minnesota No. 91).** This is the earliest and hardiest of the large new plums, ripening August first to August 15th, and attaining a size of 1 3/4 inches. The tree is one of the strongest. Fruit red, juicy, very small pit, free stone.

★**Red Wing (Minnesota No. 12).** A regular bearer and hardy as far north as Minneapolis. Fruit very large, firm and of excellent quality. Color, yellow overlaid with bright red. Stone small and free, very sweet. Season, third week in August.

★**Tonka (Minnesota No. 21).** Hardy up to a hundred miles north of Minneapolis. One of the most productive of all these plums. Fruit uniform in size, averaging one and three quarters. Season, August 15th. Yellow, sweet, free stone.

### PROF. HANSEN'S NEW PLUMS.

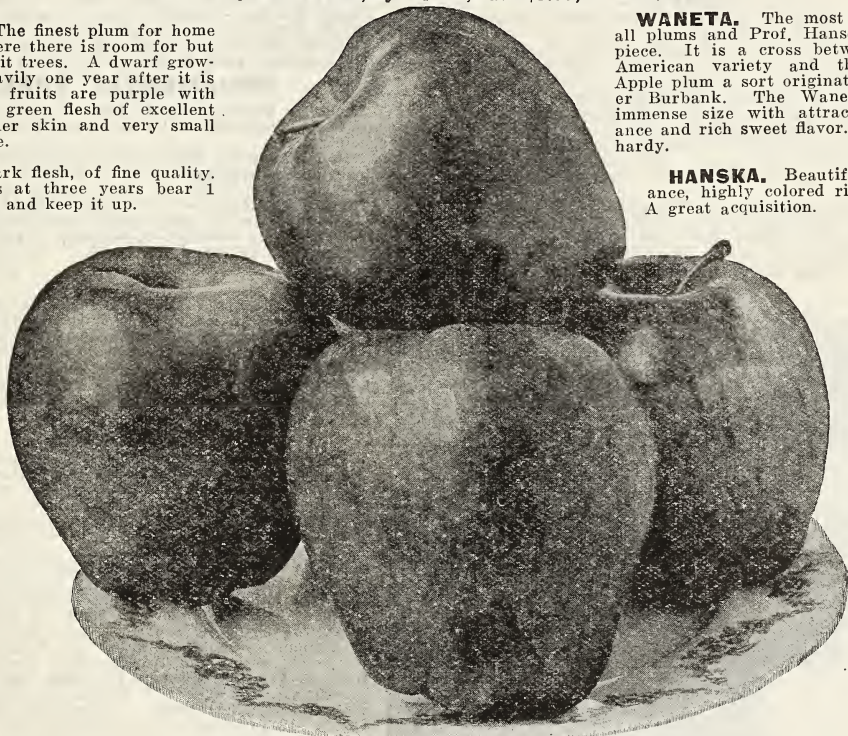
All Plums 3 to 4 foot trees, by express, each \$1.00; 10 for \$9.00.

**OPATA.** The finest plum for home gardens or where there is room for but one or two fruit trees. A dwarf grower, bearing heavily one year after it is planted. The fruits are purple with firm yet juicy green flesh of excellent quality. Tender skin and very small pit. Freestone.

**SAPA.** Dark flesh, of fine quality. Five-foot trees at three years bear 1 to 1 1/2 bushels and keep it up.

**WANETA.** The most delicious of all plums and Prof. Hansen's masterpiece. It is a cross between a large American variety and the Japanese Apple plum a sort originated by Luther Burbank. The Waneta combines immense size with attractive appearance and rich sweet flavor. Absolutely hardy.

**HANSKA.** Beautiful in appearance, highly colored rich in flavor. A great acquisition.



Delicious Apples.

### APPLES (Winter Varieties)

**DELICIOUS.** Good size, fine quality. Tree good grower and hardy.

**GRIMES' GOLDEN.** Good size, yellow, of highest quality, very productive.

**NORTHERN SPY.** Large, striped, mild, sub-acid and tender, with a rich, delicious flavor.

**STAYMAN'S WINESAP.** A very popular winter apple. Largely planted.

**GOLDEN RUSSET.** The very best of the russets, tender, juicy, and high-flavored. A heavy bearer.

**JONATHAN.** Medium sized yellow fruits striped with bright red. In flavor it is almost as good as the Snow apple and more juicy.

**SCOTT'S WINTER.** Red striped fruits of good quality remaining fresh until May.

**SNOW.** An early winter apple of medium size and dark red color. The flesh is pure snowy white, juicy and aromatic with a rich yet sprightly vinous flavor. The standard of quality in dessert apples.

**NORTHWESTERN GREENING.** A large apple, deep yellow when fully ripe. Trees are heavy bearers and have withstood fifty degrees below zero. An excellent keeper. Not of the very highest quality but a good apple for cooking or eating.

**TALMAN SWEET.** Yellow fruit tinged red. Flesh firm, rich, and very sweet; November to April.

**McINTOSH.** A medium-sized dark red apple of excellent quality. Tree is vigorous and hardy. Originated in Canada.

See Next Page for Other Varieties and Prices.

## APPLES (Continued)

### SUMMER VARIETIES.

**YELLOW TRANSPARENT.** An early August apple of highest quality for home use but too tender to ship. Pale waxy yellow in color.

**LOWLAND RASPBERRY.** August. A medium sized apple of clear white shaded with crimson. Juicy, sub-acid flesh, almost sweet. A home orchard apple.

**DUCHESS OF OLDENBURG.** A large and beautiful apple ripening in late August and early September. Yellow and red, streaked and mingled. Very juicy and rich flavored, fairly tart. Exceptionally good for cooking and the best commercial extra early.

**GOLDEN SWEET.** A good early sweet sort.

All apple trees shipped by express or freight, 4 to 6 foot

### AUTUMN VARIETIES.

**WEALTHY.** The one fall apple with a perfect score as regards dessert, cooking and market quality in contests of the Wisconsin Horticultural Society. Round fruits of rich dark polished red. The aromatic tender flesh is juicy, sub-acid, and of delicious flavor. The Wealthy is an early and annual bearer.

**McMAHON.** A large white apple with bluish cheek; tender, good flavored, rather tart flesh, not firm enough for shipping. Very hardy.

**WOLF RIVER.** The largest apple grown. Greenish yellow shaded red. Pleasant flavor for eating out of hand or cooking but a little coarse in texture.

Prices, each, 60c; 10 for \$5.50; 50 for \$25.00.

### CHERRIES.

★Early Richmond. An early variety of extreme hardness bearing large annual crops. Light to dark red, juicy.

★Montmorency. Large, a bright crimson, very juicy; strong, upright grower; one of the best late varieties.

★Napoleon. Large, red and yellow. Sweet, productive. Prices, 3 to 4 foot trees: each, 80c; 10 for \$7.50.

### CRAB APPLES.

Hyslop. Large, deep crimson; most beautiful.

Transcendent. A red and yellow Siberian.

Whitney. One of the largest, splashed carmine, firm, juicy, great bearer. Fine eating apple.

Prices, 4 to 6 foot trees: each, 60c; 10 for \$5.50.

### GRAPES.

Concord. The old standard purple grape, doing well everywhere. A heavy yielder.

Worden. An improved Concord, sweeter, larger in bunch and berry, and a week to ten days earlier. Black with purple bloom.

Diamond. A leading early white grape.

Brighton. A bright red grape of large size, exceedingly juicy. Sweet sprightly flavor.

Delaware. An exquisite dessert grape. Light red with very thin skin, juicy, sweet, spicy, and aromatic. Rather small berries but of rare flavor. The standard of quality for grapes.

Beta. The grape for the extreme north, a hybrid between the wild grape and the Concord. Medium-sized jet black, in good bunches, juicy and of fair quality.

Any of above, postpaid: Each, 50c; 10 for \$3.10. By express: 10 for \$2.90; 100 for \$25.00.

## SMALL FRUITS

### PEARS.

Bartlett. Large, juicy, great bearer; very popular.

Seckel. Small, yellowish brown, sweet, juicy.

Anjou. Large melting. Best late fall variety.

Keiffer. Larger; a good keeper.

Prices, 4 to 6 foot trees: each, \$1.00; 10 for \$9.50.

### SHADE TREES.

For lawn or street planting. Strong well rooted 6 to 8 foot specimens of the following varieties:

Mountain Ash—Fine foliage with red berries.

Silver Maple.—A large and rapid growing shade tree.

Russian Mulberry—Bears fruit like the blackberry.

White Ash—Resists drought well. A rapid grower.

Hardy Catalpa—Very rapid grower, with fragrant flowers.

White Elm—Resists drought and is long lived.

Carolina Poplar—An improved Cottonwood.

By express; each \$1.50; 3 for \$3.75.

### ORNAMENTAL TREES.

Bechtel's Crab—A dwarf tree of great beauty covered with large double rose-like blossoms. A hardy and popular specimen.

Double-Flowering Plum—Very early-flowering and hardy. Large, double flowers of rosy pink which set close on the branches and open as the leaves unfold in early spring.

Flowering Almond—Very dwarf. The double pink flowers are borne on the bare stem before the foliage appears. A beautiful and striking ornamental. 2 to 3 foot trees, by express, each \$1.00; 3 for \$2.50.

City gardeners often feel that the raising of fruit is impracticable for them because of the space it would take. But currants, raspberries or other small fruit, grown in a hedge at the edge of the lot will be found to occupy so little ground, and will interfere so slightly with the growing of vegetable crops close beside them, that the luxury of fruit fresh from their own gardens is quite within their reach.

### CURRANTS.

These are the easiest of all small fruits to care for, as they may be planted check-row and cultivated like corn. After the bushes are planted, cultivate and harvest. No pruning, staking or hoeing is necessary.

**RED CROSS.** The habit of growth and the quality of the fruit of Red Cross make it an exceptional variety. When ripe it is so rich and sweet that it is fine eaten from the cluster, like grapes. The fruit hangs very long on the vine without injury; it is a heavy bearer; is firm and handsome, with long clusters, large fruit and of that deep red color so much in demand for jelly. When fully ripe it is entirely free from that acid taste so common to most currants. Its handsome appearance and good keeping quality make it an ideal market variety. Large 3 year old (bearing) bushes, postpaid, 35c each; by express, 30c each; 10 for \$2.75. Extra large 6 year old (full bearing) bushes, by express, 70c each; 6 for \$3.50; 12 for \$6.50. Let us quote you lower prices on larger quantities.

**PERFECTION.** A large red currant of very good quality, a good bearer, the clusters long, but the fruit tart until dead ripe. Very good for jelly, especially fine for mixing with apples, making a wine-colored jelly of fine flavor. A good currant for the home garden.

**WHITE GRAPE.** A large white currant. An excellent one for those desiring a fine clear jelly. It is clear-white and tart when slightly green, turning to a very light yellow when ripe. Then it is mild and sweet. This is a good shipper and market variety, if not allowed to get too ripe.

**VICTORIA.** The largest black variety. A heavy bearer. The fruit has a distinct spicy odor and is very sweet.

Prices of above three varieties: Large healthy bushes. Postpaid, 35c each; 10 for \$3.00. By express, 30c each; 10 for \$2.75.

NOTE—Federal Quarantine Prohibits The Shipment of Currants and Gooseberries West of the Mississippi River.



Red Cross Currants.

# STRAWBERRIES

THE PRICES QUOTED BELOW ARE FOR THE QUANTITIES NAMED, ALL ONE VARIETY IN EACH CASE.

**SENATOR DUNLAP** (Perfect Flowering). We believe this to be the most satisfactory all-round strawberry now on the market. The plants are medium in size, long rooted and therefore drought-resisting; a rampant grower. Its vigor makes it ready to grow and thrive under any circumstance; even under neglect and in poor soil it yields fair crops, and when well cared for it is unusually productive, beginning to ripen early and continuing to bear a long time. Every berry is usually brought to perfection. The fruit is of medium size, smooth, regular and firm and of a beautiful red color extending well to the center of the berry. A good shipper and keeper, and for canning, one of the richest varieties. A splendid sort to plant as a fertilizer with Warfield.



**BEDDERWOOD** (Perfect Flowering). This is a very desirable early variety of strong vitality, and profitable for a near market or for home use. It is in every way healthy and vigorous and an enormous yielder. The berry is large, regular, bright scarlet, and of good quality. It continues to bear a long time. A good fertilizer for Warfield.

**WARFIELD** (Imperfect Flowering). One of the most popular of all strawberries, perhaps more largely grown than any other. It is small but a vigorous grower, with foliage tall enough to protect the blossoms from the late frosts. It is one of the best of shippers and its rich color, good size, fine shape and flavor make it an almost perfect market berry. It is midseason, dark red, firm and of first quality; unsurpassed for canning or for serving fresh. Taken altogether, we consider it one of the most valuable varieties for the general grower. Dunlap is a good fertilizer for this variety.

**AROMA** (Perfect Flowering). Plants large, vigorous, with a splendid root system; always make about the right amount of plants for a good fruiting row. The blossoms are rich in pollen, and a good fertilizer. Fruit large to very large, holding its size well throughout all the pickings. The berry is nearly round, smooth, and perfect in form, of a beautiful, bright, glossy red color, very firm and of high quality. It is medium late in season, much more than average in yield and a sure cropper every year. Prices for any of the above four: Postpaid, 25 for 45c; 100 for \$1.50. By express, 25 for 45c; 100 for \$1.40; 1,000 for \$8.50. Cultural leaflet on request.

## EVERBEARING STRAWBERRIES.

Everbearing strawberries are no longer an experiment, but a proven success, and are just the fruit for the home garden where each foot of space must pay for its self in crop. Planted early in the spring, they will ripen in August, yielding the finest of fruit until November's freezing-up time comes. Then in June they will yield again and after a few weeks rest, will throw up new blossom stalks and yield still again through the following fall.

**PROGRESSIVE.** We believe this to be the best everbearer. A strong, hardy plant, producing many runners. Foliage large and healthy, and the fruit of good size, fine shape and excellent quality.

**SUPERB.** A strong, vigorous grower. The fruit is dark red, glossy, large, of good shape and fine quality. Either variety, postpaid, 25 for \$1.00; 100 for \$3.65. By express, 25 for 90c; 100 for \$3.50; 1,000 for \$30.00

## BLACKBERRIES.

**EL DORADO.** This variety is so much the best, at least for the north, that we now list no other. Vigorous vines, extremely hardy, bearing many clusters of great jet black berries, sweet, juicy and luscious with tender melting cores. Postpaid: 25c each; 10 for \$1.25. By express: 10 for \$1.10; 100 for \$7.50.

## GOOSEBERRIES.

**HOUGHTON'S SEEDLING.** A vigorous American sort; very productive; free from mildew. Fruit medium, roundish, smooth, of a pale red color; tender, sweet and of delicious flavor.

**DUNNING.** Strong, healthy bushes bearing large oval pale green fruit of splendid quality.

Either variety, postpaid: Each, 40c; 10 for \$3.50. By express: Each, 35c; 10 for \$3.25; 100 for \$27.00.

## RASPBERRIES.

**KANSAS.** Jet black, firm and delicious, as large or larger than Gregg. The hardest black cap known, successfully withstanding northern winters.

**CUTHBERT.** An old variety enduring the coldest winters. The large berries are deep crimson in color and of exceedingly rich, sweet flavor. Robust plants, producing heavily.

**PLUMB FARMER.** Early enough to get a good market, and all ripening up within a few days. Berry, black and of good size, the vine hardy and productive.

**GREGG.** Very large, black, firm, late berry. A strong plant. Well known and liked for many years.

**ST. REGIS.** A true everbearing red raspberry, yielding fruit from June until frost.

Any of above varieties, postpaid: 25c each; 10 for \$1.25; 100 for \$8.00. By express: 20c each; 10 for \$1.10; 100 for \$7.50.

## VEGETABLE AND FLOWER PLANTS.

Well-rooted stocky transplanted plants at less than you can bother to grow your own for, packed in strong containers, roots in damp moss. Postpaid.

We do not fill orders for less than 12 plants of one variety, and the prices quoted below are for the quantities named, all one variety in each case.

**ASTER.** Royal Mixed. Fine early flowered for bedding. Olds' Branching. Mixed colors, long stemmed, the finest aster for cutting. Doz., 40c; 50 for \$1.25.

**CABBAGE.** Early Jersey Wakefield, Copenhagen Market, Late Flat Dutch, Late Danish Ballhead, Red Dutch. Doz., 30c; 50 for 85c; 100 for \$1.50; 500 for \$6.00.

**CAULIFLOWER.** Snow ball (early). Dryweather, (late). Doz., 40c; 50 for \$1.25; 500 for \$8.00.

**CELERY.** Golden Self Blanching (early). Winter Queen (late). Doz., 30c; 50 for 85c; 500 for \$6.00.

**EGG PLANT** or **SPRAWFLOWER.** Helichrysum. Doz., 40c; 50 for \$1.25.

**EVERLASTING** or **SPRAWFLOWER.** Helichrysum. Doz., 40c; 50 for \$1.25.

**GROUND CHERRY.** An annual fruit for canning and home use. Doz., 40c; 50 for \$1.25.

**PANSY.** Well rooted, ready to bloom. Doz. 60c; 50 for \$2.00.

**PEPPER.** Neopolitan, early, mild; Chinese Giant, largest and sweetest; Red Cluster, hot. Doz., 40c; 50 for \$1.25.

**PETUNIA.** Large Flowered Ruffled. Mixed colors. Pink Flowered. For window boxes. Doz., 40c; 50 for \$1.25.

**RHUBARB,** **HORSE RADISH,** and **SWEET POTATO PLANTS.** See page 43.

**SNALVIA.** Scarlet. A brilliant bedding flower. Doz., 45c; 50 for \$1.50.

**SNAPDRAGON.** Mixed Dwarf. Doz., 40c; 50 for \$1.25.

**TOMATO.** Earliana, very early; Chalk's Jewel, best early, smooth and solid; Matchless, main crop; Golden Beauty, for slicing; Ponderosa, largest; Preserving. Doz., 45c; 50 for \$1.50.

**VERBENA.** Mixed Colors. Fine for bedding. Doz., 45c; 50 for \$1.50.

**ZINNIA.** Giant Mixed Flowered. Doz., 40c; 50 for \$1.25.

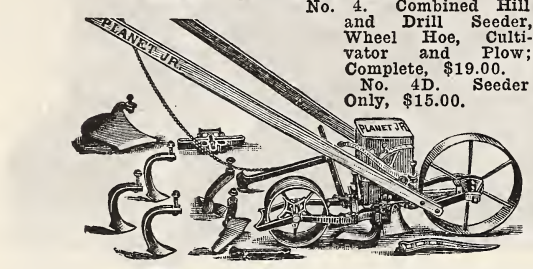
**NOTE**—Federal quarantine prohibits the shipment of currants and gooseberries west of the Mississippi River.

# Planet Jr. Garden Tools

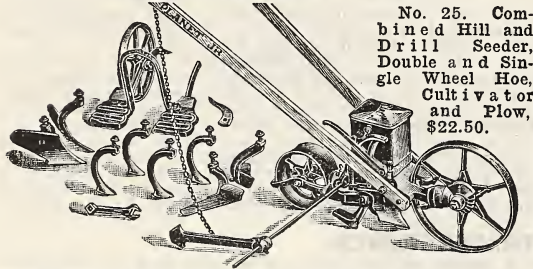
The New "Planet Jr." Catalogue is the handsomest, best and most instructive book ever issued on a similar subject. Full of little points that bring profit. Full of true and handsome illustrations. We mail it free to any address on application.

Planet Jr. tools are the greatest time, labor, and money-savers ever invented for the farm and garden. They pay for themselves in a single season in bigger, better crops. Fully guaranteed. Prices reduced for 1925.

## PLANET JR. SEEDERS.



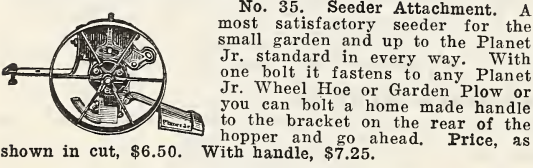
No. 4. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow; Complete, \$19.00.  
No. 4D. Seeder Only, \$15.00.



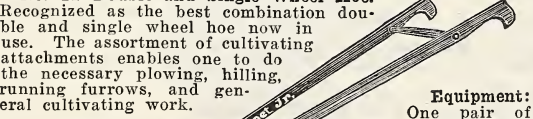
No. 25. Combined Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow, \$22.50.



No. 3 Hill and Drill Seeder. The most used hill and drill seeder for market gardeners and large vegetable growers. Sows in drills, at the proper depth and thickness and economically. Drops in drills, 4, 6, 8, 12 or 24 inches apart. The seed index is absolutely accurate, and once set, it is not necessary to change it until the crop is in. Hopper holds 3 quarts of seed. Special onion plow and covers can be supplied for planting onion seed for sets. Price, \$18.50.  
No. 31 Drill Seeder Only. Holds one quart. Just the thing for the family garden. Price, only \$10.00.



No. 35. Seeder Attachment. A most satisfactory seeder for the small garden and up to the Planet Jr. standard in every way. With one bolt it fastens to any Planet Jr. Wheel Hoe or Garden Plow or you can bolt a home made handle to the bracket on the rear of the hopper and go ahead. Price, as shown in cut, \$6.50. With handle, \$7.25.

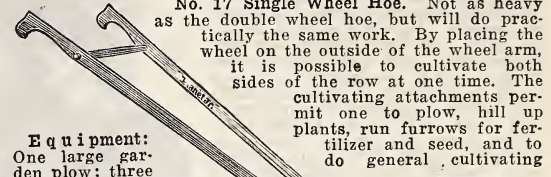


**PLANET JR. DOUBLE WHEEL HOES.**  
No. 12 Double and Single Wheel Hoe. Recognized as the best combination double and single wheel hoe now in use. The assortment of cultivating attachments enables one to do the necessary plowing, hilling, running furrows, and general cultivating work.  
Equipment: One pair of plows; four steel cultivator teeth; one pair of 6 inch hoes. Price, \$11.50.



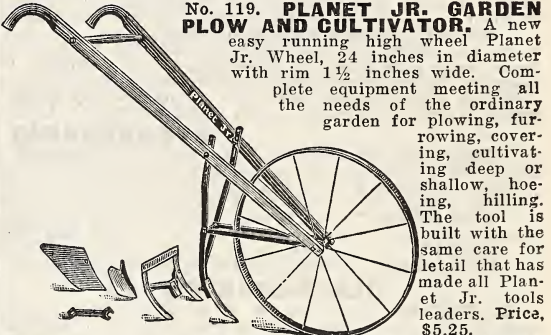
No. 13 Double and Single Wheel Hoe. Same as No. 12, except that the equipment does not include the four steel cultivator teeth, and pair of plows. Price, \$8.25.

## PLANET JR. SINGLE WHEEL HOES.

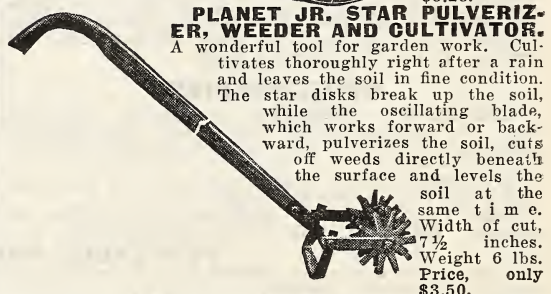


No. 17 Single Wheel Hoe. Not as heavy as the double wheel hoe, but will do practically the same work. By placing the wheel on the outside of the wheel arm, it is possible to cultivate both sides of the row at one time. The cultivating attachments permit one to plow, hill up plants, run furrows for fertilizer and seed, and to do general cultivating  
Equipment: One large garden plow; three steel cultivator teeth; one pair of six inch hoes. Price, \$8.00.

work in the home or market garden. The new double wheel arms make the tool steadier.  
No. 17½ Single Wheel Hoe. Same as No. 17, except that the garden plow is not included. Price, \$7.25.



No. 119. **PLANET JR. GARDEN PLOW AND CULTIVATOR.** A new easy running high wheel Planet Jr. Wheel, 24 inches in diameter with rim 1½ inches wide. Complete equipment meeting all the needs of the ordinary garden for plowing, furrowing, covering, cultivating deep or shallow, hoeing, hilling. The tool is built with the same care for detail that has made all Planet Jr. tools leaders. Price, \$5.25.

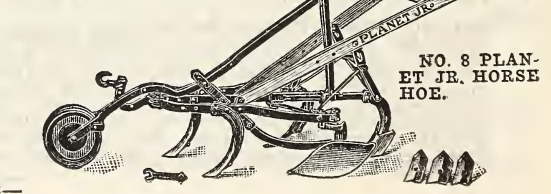


**PLANET JR. STAR PULVERIZER, WEEDER AND CULTIVATOR.** A wonderful tool for garden work. Cultivates thoroughly right after a rain and leaves the soil in fine condition. The star disks break up the soil, while the oscillating blade, which works forward or backward, pulverizes the soil, cuts off weeds directly beneath the surface and levels the soil at the same time. Width of cut, 7½ inches. Weight 6 lbs. Price, only \$3.50.

No. 2. **PLANET JR. GRASS EDGER.** For edging the grass bordering on walks. Everyone who uses a lawn mower should have one. Price, \$1.80.

**PLANET JR. HORSE MACHINES.**  
No. 8 Combined Horse Hoe & Cultivator. Widely known as a perfect horse machine. As shown below.....\$19.00  
No. 9 Combined Horse Hoe & Cultivator.....\$16.75

No. 101 Plain Cultivator with Wheel...\$12.00  
No. 107 Seven Tooth Plain Cultivator...\$14.50



NO. 8 PLANET JR. HORSE HOE.



Hudson  
Wheel Cultivator.



**HUDSON WHEEL CULTIVATOR.**

Adjustable for working garden rows any width from 6 to 12 inches. The tool equipment consists of a 5-prong cultivator and a sharp-edged weed cutter, 9½ inches wide, which will cut the weeds, uproot them and thoroughly pulverize the soil. 14-inch wheel. Light, but strong. Price, only \$3.35. Not mailable.

**HUDSON CULTIVATOR HOE.**

Best buy in the garden tool line. 5 long steel teeth, instantly adjustable to cultivate rows 6 to 12 inches apart. Center tooth removable. 4-foot handle. Price, \$1.00.

**HUDSON JUNIOR CULTIVATOR.**

Four pressed steel teeth with 12-inch handle. Adjustable from 2 to 6 inches. Particularly adapted to flower beds, rose bushes, etc., and also very popular with regular gardeners for close work in narrow rows and around small plants. Price, 50c; by mail, 60c.

**LONG HANDLED HUDSON JUNIOR.**

Same as the above but with 4-foot handle instead of 12-inch. Price, 65c. Not mailable.

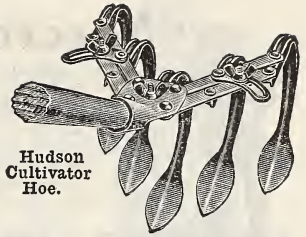
**DANDELION DIGGER.**

A simple, effective tool. No back-breaking work—no soiling of the hands. Slip the blade into the ground beside the plant, squeeze the handle and pull it out—roots, plant and all. A child can operate it. Price, 65c. Not mailable. Long handle.

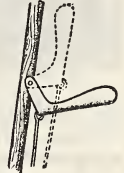
**DUBL-DUTI CULTIVATOR WEEDER.**

Does a hoe's work four times as fast, with half the labor and does it better. The double-edged steel rocker blade cuts going and coming and the teeth at the top furnish a rake for removing the weeds.

The six-foot handle lets you stand up straight and save your back. Price, No. 5—5, 1.15; No. 6—6 inch blade, \$1.25. Not mailable.



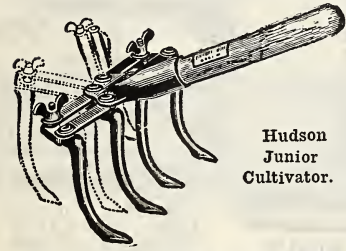
Hudson  
Cultivator  
Hoe.



Hudson  
Junior  
Cultivator.



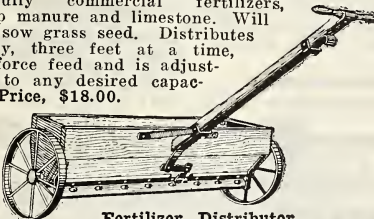
Dandelion  
Digger.



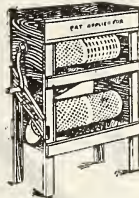
Dubl-Duti Cultivator Weeder.  
6-Foot Handle.

**SUCCESS FERTILIZER DISTRIBUTOR.**

A new machine that will handle successfully commercial fertilizers, sheep manure and limestone. Will also sow grass seed. Distributes evenly, three feet at a time, has force feed and is adjustable to any desired capacity. Price, \$18.00.



Fertilizer Distributor.



Corn Grader.

**HERO CORN GRADER.**

A Corn Grader that is a real grader. You should plant kernels that are all alike in size and shape if you want a perfect uniform stand. The Hero grades that way.

Leading farmers and corn growers everywhere testify to the perfect work done by this grader. It will pay for itself in one season. Price, \$14.00.



Fountain Lawn Sprinkler.

**FOUNTAIN LAWN SPRINKLER.**

Known the country over for its fine mist-like spray. Superior to any other sprinkler on the market. Made of brass. Price, 90c; by mail, \$1.00.

**HALF-FOUNTAIN SPRINKLER.**

Sprinkles the lawn—leaves the walk dry. Pick it up without getting wet. Price, 80c; by mail, 90c.

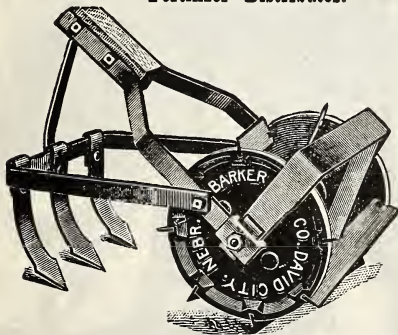
**BARKER WEEDER, MULCHER AND CULTIVATOR — 3 TOOLS IN ONE —**

Makes Gardening Easy and Insures Best Yields. The Barker cuts the weeds under the ground, cultivates the soil and makes the essential dust blanket or mulch—all in one operation. Works like a lawn mower.

- No. 6D, 6-Inch Cut, for lettuce and close row crops, \$9.25.
- No. 8½D, 8½-Inch Cut, for onions and similar crops, \$10.60.
- No. 10D, 10-Inch Cut, best for most crops, \$11.75.
- No. 11D, 11-Inch Cut, for beets and rutabagas, \$12.60.
- No. 12D, 12-Inch Cut, cleans up the weeds a little faster than the other sizes, \$13.45.

Prices include all attachments. Money back if not satisfied. Goods guaranteed five years. Not mailable.

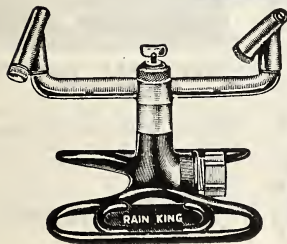
Note—"Gardening for Profit and Pleasure," a beautiful illustrated book in colors, on weeding, mulching and cultivating, mailed free on request.



**THE RAIN KING.**

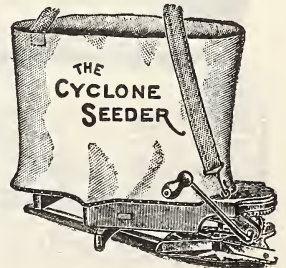
The Sprinkler Sensation of the Year.

May be used for circular or stationary spray, fine or coarse, fast or slow. Small, compact, easily operated. Nozzles turn in any direction. Never clogs up and stops, a common fault of other sprinklers. Made entirely of brass except the base. Price, \$3.50; by mail, \$3.75.



**CYCLONE SEEDER.**

The Cyclone has a national reputation as a High-Grade Seed Sower. It is built, not for cheapness, but for durability and accurate work. Scatters seed evenly both sides and may be quickly adjusted for different seeds. No waste of seed. Just the thing for sowing all kinds of clover and grass seed, millet, rape, and even grain. Price, \$2.25; by mail, \$2.50.



# "Norcross" Cultivator--Hoe and Weeder

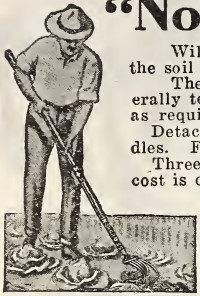
Will cultivate closer to plants without injuring them than any other type of implement known, leaving the soil level, loose and untrampled.  
The sharp, tapering shovels enter the ground easily and are so arranged, one with another, as to literally tear up every inch of the soil from one to five inches deep, as required.

Detachable steel prongs, malleable head, extra high grade handles. Finely finished throughout.

Three sizes, suited to both men and women, and the average cost is only that of a common hoe.

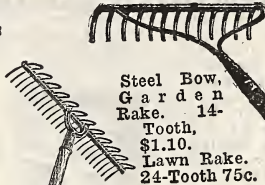
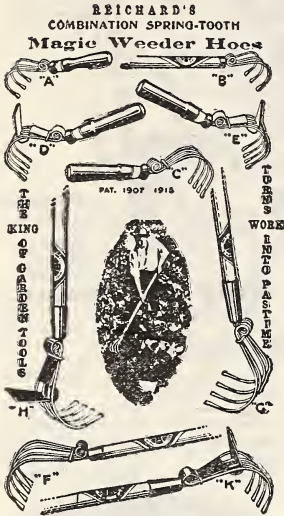
### THREE SIZES AND PRICES.

5-prong, 4 foot handle, wt. 3 lbs. ....	\$1.15
3-prong, 4 foot handle, wt. 2 lbs. ....	.85
"Midget," 9 inch handle, wt. 12 ounces. ....	.45
(Midget by mail, prepaid, 50 cents. Other sizes not available.)	



### PRICES OF MAGIC WEEDER HOES.

Style	By	
	Mail	Exp.
A. 3-Tine Hand Weeder	20c.	15c
B. 18-Inch Handle	25c.	20c
C. 4-Tine, Adjustable Width	35c.	30c
D. With 1 1/2-Inch Blade	50c.	45c
E. With "V" Blade	50c.	45c
F. 4-Tine, 42-Inch Handle		65c
G. 48-Inch Handle, Strong & Heavy		90c
H. 48-Inch Handle, 3-Inch Blade		1.10
K. 48-Inch Handle with "V" Blade (Long Handled Hoes not available.)		1.10



Steel Bow,  
Garden  
Rake. 14-  
Tooth,  
\$1.10.  
Lawn Rake.  
24-Tooth 75c.



**HANDIEST TOOL**  
**LANG'S**  
**ON EARTH**  
Lang's Weeder.  
Price, 20c; by mail, 25c.

The All-Purpose Rake is unequalled for removing undulations. It is also a first class rake for general work. It will pick up the acorns, pebbles, small twigs, etc., which an ordinary rake will not touch. It is self-cleaning. A single backward stroke clears the rake. Price, 16 inch rake, 90c; 20 inch, \$1.10.

### HUMPHREY'S GONGAVE POTATO KNIFE.

Cuts to one eye without injuring. Pieces never stick together.  
Price, 30c; 3 for 75c, postpaid.

### PAPER FLOWER POTS.

Made of strong waterproof paper; light, unbreakable and will not rot. They weigh just one-tenth as much as clay pots, are easier to handle and less expensive.



	By Mail.		By Exp. or Freight	
2 1/4-inch	\$0.20	\$ .60	\$ .15	\$ .50
2 1/2-inch	.25	.70	.20	.60
3-inch	.30	.90	.25	.75
3 1/2-inch	.35	1.10	.30	.90
4-inch	.45	1.25	.40	1.15
5-inch	.70	2.10	.55	1.80
6-inch	.90	2.85	.70	2.40

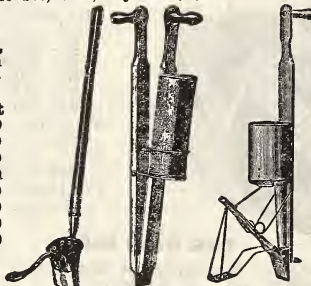
### PAINTED POT AND GARDEN LABELS.

	By Mail.		By Express	
Painted Labels 4x 5/8 inches	\$1.0	\$ .30	\$ .07	\$ .25
Painted Labels 5x 7/8 inches	.13	.40	.10	.30
Painted Labels 6x 7/8 inches	.15	.45	.12	.35
Painted Labels 8x 7/8 inches	.30	.95	.25	.80
Painted Labels 10x 7/8 inches	.25	.85	.20	.75
Painted Labels 10x 7/8 inches	.40	1.20	.30	1.00
Painted Labels 12x 7/8 inches	.35	1.05	.30	.90
Painted Labels 12x1 1/8 inches	.50	1.55	.40	1.30

(Tools are not available unless a mail price is quoted. Have them shipped with your seed order.)

### 4-PIECE GARDEN SET.

(For the boys and girls.)  
Steel 5 1/4 inch Hoe, with 30 inch handle. Steel 5 1/4 x 3 7/8 inch Shovel, 26 inch handle. 7 tooth Rake, 30 inch handle. 4 tooth Fork, 18 inch handle.  
Price, the set, 75c; by mail, \$1.00.



Steel Garden Trowel, Extra Heavy, 6 1/2 inch blade, 15c each; by mail, 20c.  
Light, 6 inch blade, 10c each; by mail, 15c.  
Transplanting Trowel, Heavy, 6 inch blade, 20c each; by mail, 25c.  
Light, 6 inch blade, 15c each; by mail, 20c.

Garden Spading Fork, 20c each; by mail, 25c.

### ACME POTATO PLANTER.

The original hand potato planter. Price \$1.10.

### ACME CORN PLANTER.

Simple, durable, accurate. Plain, \$1.10; with Pumpkin Seed Attachment, \$1.25.

### ROTARY CORN PLANTER.

Works automatically. Use in one hand like a walking stick, \$2.15.

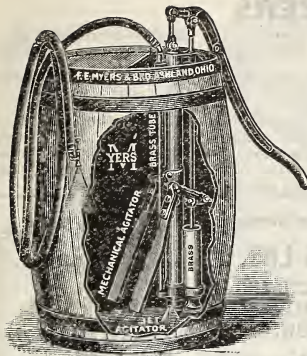


### INVINCIBLE POTATO PLANTER.

Two acres a day can be planted with one of these tools. The sharp jaw enters the ground as easily as a spade.

Price, \$1.35.  
Extra Springs for Invincible, 20c each.

## MYERS BARREL SPRAY PUMP.



Myers Barrel Spray Pump.



Bucket Spray.

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 long, has a good leverage, easily operated.

Price, Complete with 15 feet of hose, Bordeaux nozzle and Mechanical Agitator, but not including barrel, \$15.00.

### 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, \$5.00.

### FEENEY DUST GUN.

For applying Bug Death, Slug Shot and all other dry powder. Cheaper than spraying and effective under the leaves.

Price, \$1.00; by mail, \$1.10.

### HUDSON PERFECTION SPRAYER.

The sprayer with a tank made like a steam boiler.

For Spraying, Disinfecting or Whitewashing. Tank 7 1/2 in. by 20 in. Capacity 4 gallons. With automatic shut-off nozzles.

Price, Galvanized, \$6.50. Brass, \$10.00.

Perfection Double Row Attachment with 2 nozzles, \$2.00. (For spraying two rows.)

**JUNIOR HUDSON SPRAYER.** Similar to the Hudson Perfection but smaller. Capacity, 2 1/2 gallons. Price, galvanized, \$5.00.

### AUTO-SPRAY NO. 1.

Equipment, 2 feet of 1/2-inch hose, fine spray nozzle, solid stream cap, and either stop cock or automatic auto-pop, as ordered.

No. 1-A, Brass tank with Stop Cock....\$9.00

No. 1-B, Brass tank with Auto-Pop..... 9.50

No. 1-C, Galv. tank with Stop Cock..... 6.00

No. 1-D, Galv. tank with Auto-Pop..... 6.50

### LENOX SPRAYER.

Spraying under the leaves kills insects, removes dust and keeps the plants healthy. Suds made from tobacco soap make one of the best sprays. The Lenox is most serviceable for house and garden.

Price (including a cake of tobacco soap) 75 cents postpaid.

Extra bulbs, 40c each; 2 for 75c.

### MOTH LIQUID SPRAYER.

A very fine hand sprayer for house use. Price, \$1.00; by mail, \$1.10.

### SAVO SELF WATERING FLOWER AND PLANT BOXES.

For Windows and Porches.

Plants are kept healthy and fresh the year round by absorbing water from below and allowing a perfect circulation of air to pass up through the soil.

Model A, 8x9 1/2 x23 inches.....\$3.00

Model B, 8x9 1/2 x29 inches..... 4.00

Model C, 8x9 1/2 x35 inches..... 4.50

Model D, 8x9 1/2 x41 inches..... 5.00

Model E, 8x12x12 inches..... 3.00

Model F, 12x12x12 inches..... 3.50

### ADJUSTO PLANT SUPPORT.

An adjustable, practical and durable plant support. Consists of two parts: an oak stake pointed at the bottom and painted green and a hoop of toughest wire, also painted green to prevent rust. Adjustable to any height.

With 18 in. stake, 12c each; doz. \$1.00

With 2 ft. stake, 15c each; doz. 1.25

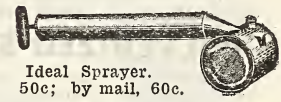
With 3 ft. stake, 25c each; doz. 2.00

With 4 ft. stake, 28c each; doz. 2.25

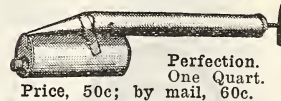
With 5 ft. stake, 30c each; doz. 2.50



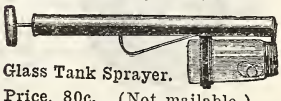
Auto Spray, No. 1.



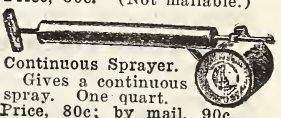
Ideal Sprayer. 50c; by mail, 60c.



Perfection. One Quart. Price, 50c; by mail, 60c.



Glass Tank Sprayer. Price, 80c. (Not mailable.)



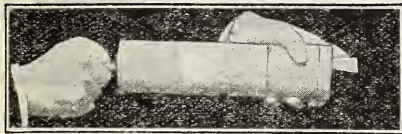
Continuous Sprayer. Gives a continuous spray. One quart. Price, 80c; by mail, 90c.



Baby, Midget, for the small garden. 1/2 pt., 40c; by mail, 50c.



Dust Blow Sprayer. For applying in powder. Price, 80c; by mail, 90c.



Feeney Dust Gun.



Lenox Sprayer.



### ARMSTRONG SPRAY PUMP.

A One-Man, One Hundred Purpose Pump. Simply a very carefully designed and accurately made "squirt gun," with a proper outfit of nozzles. Can be used with a bucket, barrel or knapsack. Ideal for spraying, for whitewashing, fire protection, washing windows, washing autos, etc.

Price, with 3 1/2-foot Hose and Nozzles but without knapsack, \$5.00.

Knapsack, for Potato Spraying, \$3.50.

Potato Extension Attachment, 85c.

# OLDS' COMMERCIAL FERTILIZERS

Fertilizers increase yields and profits wherever properly used. They contain three plant foods—nitrogen, phosphoric acid and potash, although some have only two of these or even but one. This variation gives you a chance to select the fertilizer which will fit your conditions.

## NITROGEN OR AMMONIA.

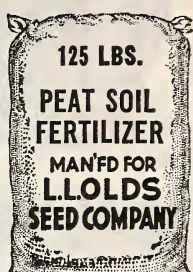
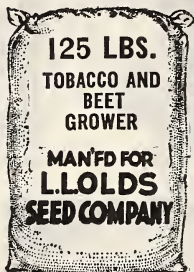
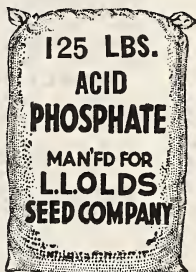
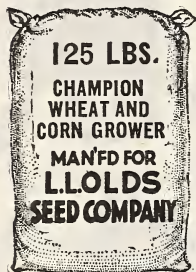
Fertilizer nitrogen enables the plant to get a quick start and carries it along through a critical period. It promotes leafiness, and gives a dark green color to foliage.

## PHOSPHORIC ACID.

Phosphoric acid helps fill the grain or fruit and hastens ripening. Cereals are especially heavy feeders on this plant food. Most soils respond profitably to a fertilizer containing it.

## POTASH.

Potash strengthens the straw or stalk, increases starch and sugar formation and makes for a better quality. Potatoes, root crops, and most truck crops need potash.



**CHAMPION WHEAT AND CORN GROWER.** (2-12-2) A high grade complete fertilizer for corn and all grain crops, especially where the soil is thin. 125 lbs., \$2.75; 1,000 lbs., \$20.00; 2,000 lbs., \$38.45.  
**TRUCK GARDENERS' SPECIAL.** (4-8-6) A highly concentrated fertilizer for potatoes, truck and garden crops. Potatoes and truck crops are heavy feeders of plant food, so for the best results use this high grade brand. It pays. 25 lbs., \$1.00; 125 lbs., \$3.25; 1,000 lbs., \$23.50; 2,000 lbs., \$45.50.  
**ACID PHOSPHATE.** (0-16-0). For use in supplementing farm manure. Use 50 lbs. to each load of manure or apply separately 100 to 300 pounds per acre. 125 lbs., \$1.85; 1,000 lbs., \$13.50; 2,000 lbs., \$25.90.  
**TOBACCO AND BEET GROWER.** (2-16-6) Specially recommended for tobacco and for sugar beets. Strong in phosphoric acid and in potash. 125 lbs., \$3.00; 1,000 lbs., \$22.00; 2,000 lbs., \$42.25.  
**PEAT SOIL FERTILIZER.** (0-12-12) For marsh lands. 125 lbs., \$2.85; 1,000 lbs., \$21.00; 2,000 lbs., \$40.65.  
**BONE MEAL.** (2 1/4-29-0) For roses, shrubbery and flowers. Also fine for lawns. Use 3 to 5 pounds per 100 square feet or for plants one pound to 50 pounds of soil. 10 lbs., 40c; 25 lbs., 85c; 125 lbs., \$2.75; 1,000 lbs., \$20.00.  
**NITRATE OF SODA.** (18-0-0) Very valuable for fruit trees, tobacco plants and nearly all plants in fact, especially to supplement other manures. 200 lbs., \$8.00; 1,000 lbs., \$36.00; 2,000 lbs., \$70.00. (In 200 pound sacks.)  
 (Our Fertilizers, except nitrate of soda, are put up in 125 pound sacks. The analysis figures refer to the percentage of each brand—first, of nitrogen, second, of available phosphoric acid, third, of potash. Prices are subject to change. Write for prices when ready to buy as at the time our catalog goes to press prices are not fully established.)

## FREE BULLETINS.

"Fertilizing Corn," "Profitable Potato Production," "Fertility in Truck Farming," "Fertilizing Tomatoes," "Vigoro, Specially Prepared Plant Food," "Fertilizers for Special Crops," "Marsh Soils." (Ask for those wanted.)

## PULVERIZED SHEEP MANURE.

A pure natural manure taking effect immediately. Very rich in nitrogen, phosphoric acid and potash, the three essentials. No straw or other refuse as in crude manure. Convenient to use and handle and very effective. Splendid for lawns, greenhouse plants, market garden crops of all kinds and fruit trees. Safe, quick and most satisfactory.



Prices: 1 lb., 15c; 5 lbs., 35c; 10 lbs., 45c; 25 lbs., 65c; 50 lbs., \$1.15; 100 lbs., \$2.00; 500 lbs., \$9.50; 1,000 lbs., \$18.50; 2,000 lbs., \$36.00.

Postage extra if to go by mail. (Ask for folder "The Ideal Fertilizer," telling how to use sheep manure.)

## SUPERIOR LIMESTONE.

For Lawns and Gardens.

Lawn soil even more than farm soil soon becomes exhausted of lime. Superior Limestone, specially prepared for the purpose, helps greatly in securing a rich, dark green, velvety lawn. It is equally valuable for gardens.

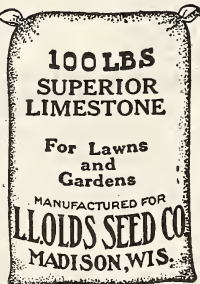
Use 100 pounds for every 600 square feet of lawn or garden. 100 lb. sack, \$1.00; 500 lbs., \$4.25; 1,000 lbs., \$7.50.

(Ask for illustrated folder giving further information.)

## AGRICULTURAL LIME

Same as the above but not as finely ground.

100 lbs., 75c; 1,000 lbs., \$5.00; 2,000 lbs., \$9.00. Special prices in car lots. 10c each for empty sacks returned.



**VIGORO.**  
 Analysis (4-12-4). A specially prepared plant food for lawns, flowers, gardens and shrubs. The result of years of research and experimenting. Odorless and easily applied. Use 1 to 4 lbs. per 100 square feet. Directions with each sack. 10 lbs., 75c; 25 lbs., \$1.50; 50 lbs., \$2.75; 100 lbs., \$4.75.

## UYAMA PLANT FOOD.

A Wonderful Japanese Discovery. Uyama is fine for all kinds of plants, ferns, shrubs, roses, bulbs, lawns, berries, fruits and flowers. Gives seedlings a wonderful start and produces early vegetables.

Uyama contains 17% nitrogen. It keeps the soil rich but odorless. Highly concentrated, easily applied and economical to use. Never fails to produce wonderful results. Directions with every package.

Prices: House Plant Size, makes 6 gallons, 25c; by mail, 30c. Garden Size, makes 32 gallons, \$1.00; by mail, \$1.10.



## STIM-U-PLANT

An All-The-Year Fertilizer for Garden and House Plants. Stim-U-Plant comes in tablet form, odorless, very rich in essential plant foods. Simply insert tablet in soil near base of plant 2 or 3 times during season, or four tablets in a gallon of water. Gives immediate results.

Postpaid prices, directions with every pkg.: 10 tablets, 15c; 30 tablets, 25c; 100 tablets, 75c; 1,000, \$3.50.

## STERLINGWORTH PLANT TABLETS.

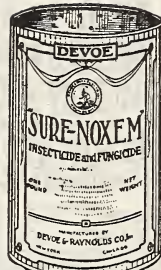
Prices: 30 tablets, 10c; 100 tablets, regular size box, 25c; 250 tablets, 50c. All postpaid.

## P. N. P. FERN FOOD.

A highly concentrated product containing all the elements essential in growing beautiful ferns. Will revive any fern that is falling and restore to deep green color. 1 oz. size, 10c; 4 oz. size, 25c, postpaid.



# INSECTICIDES AND FUNGICIDES



**PURE PARIS GREEN.** A strong effective poison for potato bugs, tobacco and other leaf eating insects. Prices: 1/4 lb., 20c; 1/2 lb., 30c; 1 lb., 55c; 2 lbs., \$1.05; 5 lbs., \$2.60; 14 lb. pails at 45c per pound.

**ARSENATE OF LEAD POWDERED.** For all leaf-eating insects. Sticks to the leaves and stays there. Will not burn foliage. The dry form is superior to the paste, and used more and more in place of Paris Green. Prices: 1/2 lb., 25c; 1 lb., 45c; 4 lbs., \$1.40; 24 lbs., \$8.00; 96 lbs., \$30.50.

**DRY CALCIUM ARSENATE.** Used in the same manner and for the same purposes as Arsenate of Lead, but costs less and is still more effective. Sticks to the leaves. One application lasts a long time. Prices: 1/2 lb., 20c; 1 lb., 35c; 4 lbs., \$1.20; 24 lbs., \$6.75; 96 lbs., \$26.00.

**DRY BORDEAUX MIXTURE.** The best fungicide for preventing black rot, mildew, blight, scab, etc., on fruit and vegetable plants. Spray potatoes for blight. One pound will make 50 pounds liquid. Can be used just as needed. Prices: Lb., 40c; 4 lbs., \$1.25; 10 lbs., \$3.00; 25 lbs., \$6.50; 50 lbs., \$11.50; 100 lbs., \$21.50.

**"SURE NOXEM."** For use on cabbage, cauliflower, cucumbers, melons, tomatoes, currants, gooseberries and all other vegetables and shrubs. Kills insects of all kinds. Pound carton (sifter top) 25c; 5 lb. bag, 90c.

**DRY LIME SULPHUR.** Just as effective as the lime sulphur solution and more easily handled. 1 lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.50; 25 lbs., \$4.75; 50 lbs., \$8.50; 100 lbs., \$15.00.

**FORMALDEHYDE.** For preventing smut in grain, scab in potatoes, etc. Ask for leaflets telling how to use. Price, one pound size, 40c. One pound will treat 40 bushels.

**NOTICE.** All of the above are poisons and are not available. Prices in quantity are subject to change.



duster, \$24.00. Not available, except in pound sizes.

**CUT WORM KILLER.** 1 lb. box, 30c.



Black Leaf 40 is a powerful and effective liquid insecticide, for use against aphids, thrips, leafhoppers and other soft bodied sucking insects. Recommended by Experiment Stations and Entomologists.

Prices: 1 oz., 35c; 1/2 lb., \$1.25; 2 lbs., \$3.50; 10 lbs., \$13.50. Not available.

### BLACK LEAF NICOTINE DUST.

For dusting against aphids attacking melons, cucumbers, cabbages, beans, beets, potatoes, tomatoes and similar crops.

Prices, high strength 2% nicotine: 5 lbs., \$1.30; 25 lbs., \$4.90; 50 lbs., \$9.00; 100 lbs., \$17.50.

### "GOLD LEAF" TOBACCO POWDER.

Contains 1 to 1 1/2% nicotine. Prepared by the manufacturers of Black Leaf 40. 2 lbs., 25c; by mail, 40c; 10 lbs., \$1.15; 24 lbs., \$2.65; 100 lbs., \$6.50.

# SUNOCO

## SELF EMULSIFYING SPRAY OIL

red spider, etc. Easily dissolved in water, does not freeze, does not injure adjacent houses, autos, etc. More efficient than lime sulphur.

Prices: 1 gal., \$1.60; 5 gals., \$6.25; 15 gals., 75c per gal.; 30 gals., 65c per gal.; 50 gals., 55c per gal.

### SLUG SHOT.

A famous remedy for killing currant worms, potato bugs, cabbage worms, lice, slugs, etc. Strongly impregnated with fungicides.

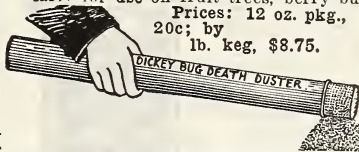
Prices: 1 lb. carton with perforated top, 25c; by mail, 35c; 5 lbs., 65c; 10 lbs., \$1.15; 25 lbs., \$2.65; 125 lb. keg with duster, \$13.00; 250 lb. barrel with



Prices: 1 lb. carton with perforated top, 20c; by mail 30c; 3 lbs., 40c; 5 lbs., 60c; 12 1/2 lbs., \$1.40; 100 lbs., \$8.75. Not available except in pound cartons.

**BUG DEATH ALPHA.** For sucking insects. Particularly for use on fruit trees, berry bushes, and house plants.

Prices: 12 oz. pkg., 20c; by 1 lb. keg, \$8.75.



**BUG DEATH DUSTER.** Price, 50c. By mail, 60c.

**BUG DEATH SIFTER.** Price, 75c; by mail, 85c.



### SULPHO-TOBACCO SOAP.

Nicotine, Sulphur and Soap—three well-known insecticides are all combined in this soap. Invaluable for spraying plants, shrubs, trees, vines; especially recommended for roses. Just dissolve in water. Simple directions with each cake. 3-oz. cake makes 1 1/2 gallons of solution, 10c; by mail, 15c. 8-oz. cake, 20c; by mail, 25c.

Also an ideal soap for dogs and other animals. Cleanses thoroughly and removes vermin.

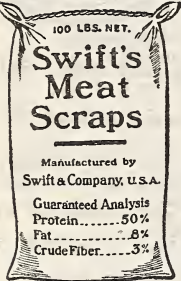
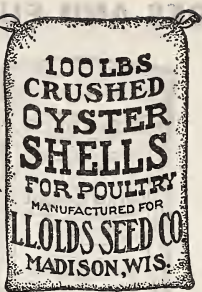


# Pyrox

**PYROX** is a powerful fungicide controlling fungous diseases, even serious ones that other fungicides do not control. Used for spraying potatoes, fruit trees, small fruits and garden crops. Simply mix with cold water and spray. Ask for a copy of "Pyrox Spray Guide."

Lb., 50c; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$6.25; 50 lbs., \$11.25; 100 lbs., \$18.00. Not available.

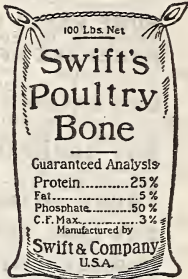




**OLD GOLD POULTRY FOOD.**  
Olds' Old Gold Poultry Food is a complete feed for laying hens. Contains wheat, cracked corn, Kaffir corn, sunflower, barley and buckwheat. Duly analyzed and licensed, and every sack guaranteed.  
Prices: 10-pound sack, 35c; 100-pound sack, \$3.20; 3 sacks at \$3.10.

**OLD GOLD CHICK FOOD.**  
Old Gold Chick Food is a dry food, suitable for chicks up to 8 weeks old. It contains cracked wheat, cracked corn, hulled oats, millet, etc.  
Prices: 10-pound sack, 35c; 100-pound sack, \$3.35; 3 sacks at \$3.25. (Prices on poultry and chick food are subject to change. Ask for "Weekly Price List of Poultry Feeds and Supplies.")

**OYSTER SHELLS.** 100-lb. sack, \$1.20; 3 sacks at \$1.15.  
**CLAM SHELLS.** 100-lb. sack, \$1.10; 3 sacks at \$1.05.  
**SUPERIOR LIME GRIT.** 100-lb. sack, 80c; 3 sacks at 75c.  
**PEARL GRIT.** 100-lb. sack, \$1.00; 3 sacks at 95c.  
**ALFALFA MEAL.** 100-lb. sack, \$2.50; 3 sacks at \$2.40.



**PRATTS BABY CHICK FOOD.**  
Perfected through years of painstaking work and at great expense, raises most every worth-while chick. Not only does it prevent many deaths, but it gives the chicks that strong start which makes it a simple matter to carry them to profitable maturity.  
Pratts is the original "baby food for baby chicks."

Prices: 2½ lbs., 25c; 5½ lbs., 50c; 14 lbs., \$1.00; 25 lbs., \$1.50; 100 lbs., \$5.50. (Postage extra.)

**SWIFT'S MEAT SCRAPS.**  
Great for eggs. Feed 3 times a week one ounce to each fowl.  
Prices: 10 lbs., 60c; 25 lbs., \$1.35; 50 lbs., \$2.60; 100-pound sack, \$4.75; 3 sacks at \$4.65.

**SWIFT'S POULTRY BONE.**  
Prices: 25 lbs., \$1.10; 50 lbs., \$2.05; 100 lbs., \$3.90.  
Sizes, medium, fine and meal.

**GROUND CHARCOAL.**  
50-lb. sack (two sizes, poultry and chick), \$1.45; 100 lbs., \$2.75.

**POULTRY GRAINS.**  
(Prices include sacks but are subject to change. Write for Weekly Price List.)

Per 100 lbs.	
Feed Wheat	\$3.40
Cracked Wheat	3.55
Cracked Corn, coarse	3.10
Cracked Corn, fine	3.20
Sunflower	7.00
Feed Millet	3.25
Steel Cut Oats	4.25
Meat Meal	3.50

**CONKEY'S BUTTERMILK STARTING FEED.**



A famous chick feed. It gives the chicks buttermilk in concentrated form, in exactly the amount needed. With the buttermilk is a combination of grains, in just the right proportion. It is all the chicks need the first 3 weeks except greens, grit, clean water and the litter to induce exercise.

Prices: 2½ lbs., 25c; 5 lbs., 45c; 10 lbs., 75c; 25 lbs., \$1.50; 100 lbs., \$5.50. (Postage extra by mail.)

**CONKEY'S BUTTERMILK GROWING MASH.**



For developing pullets and broilers. It is not enough to start a chick right — it is equally essential to help it to maturity. Money-making pullets and fancy broilers cannot be produced with wrongly proportioned food. Buttermilk Growing Mash is the ideal feed after the eighth week.

Prices: 10 lbs., 60c; 25 lbs., \$1.30; 100 lbs., \$4.75.

**CONKEY'S BUTTERMILK LAYING MASH.**

A real egg-producing food. With its buttermilk content it provides a perfectly proportioned combination when fed in connection with greens and any good scratch feed such as Olds' Old Gold Poultry Food.

Prices: 10 lbs., 55c; 25 lbs., \$1.20; 100 lbs., \$4.25.

**DON SUNG.**



(Chinese for Egg Laying). Makes Hens Lay. Acts directly on the egg-laying organs and is beneficial in every way.  
Trial Size (enough for 15 hens one month), 50c, postpaid; Dollar Size (3 times 50 cent size), \$1.00; Large Size, \$5.00, postpaid.

**BLATCHFORD'S CALF MEAL.**  
Saves Milk—Saves Money—Makes Better Calves.

A genuine Milk Substitute containing all the necessary elements for rapid healthful growth of the calf for the first six months.



100 pounds make 100 gallons of complete milk substitute.  
Prices: 25 lbs., \$1.50; 50 lbs., \$2.75; 100 lbs., \$5.25; 300 lbs. at \$5.15.

**BLATCHFORD'S "FILL THE BASKET" EGG MASH.**



A record-making dry mash for laying hens. Contains a perfectly balanced ration of milk, meat and grains in easily digestible form. Positively gets more eggs and keeps the hens in prime condition.  
Prices: 25 lbs., \$1.15; 100 lbs., \$4.25; 300 lbs. at \$4.15.

**BLATCHFORD'S CHICK MASH.**



Sixteen essential ingredients in this high-grade growing mash. Makes rapid growth, shields chicks from White Diarrhea, bowel trouble and leg weakness. It is primarily a milk and meat mash—a starting as well as growing feed.  
Prices: 4 lbs., 40c; 25 lbs., \$1.50; 100 lbs., \$5.25; 300 lbs. at \$5.15.

# CONKEY'S REMEDIES.



**Roup Remedy.** A well-known reliable remedy. 30c, 60c and \$1.20; 35c, 65c and \$1.30, postpaid.

**Roup Pills.** For Roup, Colds, Catarrh, etc. 30c, postpaid.

**Canker and Bronchitis Remedy.** 50c; 55c, postpaid.

**Lumber Neck Remedy.** 50c. Postpaid, 55c.

**Scaly Leg Remedy.** 25c; 30c, postpaid.

**White Diarrhoea Remedy.** 30c and 60c; 35c and 65c, postpaid.

**Head Lice Ointment.** 10c and 25c; 15c and 30c, postpaid.

**Poultry Worm Remedy.** 25c and 50c; 30c and 55c, postpaid.

**Cholera Remedy.** 25c and 50c; 30c and 55c, postpaid.

**Lice Liquid.** Qt., 60c; 2 qts., 90c; gal., \$1.50.

**Poultry Tonic.** 1 1/2 lbs., 25c; by mail, 35c; 3 1/4 lbs., 50c; by mail, 70c; 12 lbs., \$1.60; 25 lbs., \$3.00.

## PRATT'S REMEDIES.



### PRATT'S POULTRY REGULATOR.

Insures quick growth and freedom from disease. 25 lbs., \$3.00; 12 lbs., \$1.65; 9 lbs., \$1.10; packages, 50c and 25c; 65c and 35c, postpaid.

**Pratt's Roup Remedy.** 25c and 50c, postpaid.

**White Diarrhoea Remedy.** 25c and 50c, postpaid.

**Poultry Disinfectant.** Kills disease germs. Qt., 55c; 2 qts., 90c; gal., \$1.50. Not available.

**Red Mite Special.** A new preparation for killing red mites. Qt., 50c; 2 qts., 90c. Not available.

**Powdered Lice Killer.** 5 ozs., 12c; by mail 17c; lb., 25c; by mail, 30c; 2 1/2 lbs., 50c; by mail, 60c.

Ask for "Pratt's Practical Pointers on Poultry."

**Lee's Germozone.** A famous remedy for roup, the most common of all poultry diseases. 75c. Not available.

**Lee's Germozone Tablets.** 65c, postpaid.

**Carbolineum.** Used for preserving wood, killing chicken mites and keeping flies from horses and cattle. Ready for use. Gallon can, \$1.50; 5 gals., \$6.50.

## RAT CORN



**RAT CORN** kills rats and mice with no odor. It mummifies them and they simply dry up. Harmless to human beings and live stock. Prices: 25c, 50c and \$1.00 per can. By mail, 30c, 55c and \$1.05.

**Lice Powder,** 5 ozs., 10c; by mail, 15c; 15 ozs., 25c; by mail, 30c; 48 ozs., 50c; by mail, 75c; 12 lb. pail, \$1.40; 25 lb. pail, \$2.75.

**Noxicide.** A wonderful disinfectant and germicide. Pt., 50c; qt., 80c; 2 qts., \$1.30; gallon, \$2.00. Not available.

**Nox.** Similar to Noxicide but in condensed dry form. One cube makes a gallon. 6 cubes, 25c; by mail, 30c; 15 cubes, 60c; by mail, 70c; 30 cubes, \$1.00; by mail, \$1.15.

**Poultry Book.** Filled with reliable information. Price, 50c, or free on request with remedy orders amounting to \$1.00.

**Fly Knocker.** For stockmen and dairymen. Qt., 60c; 2 qts., 90c; gal. \$1.50; 5 gals., \$7.25. Not available.

### SPIRALET LEG BANDS.

(Celluloid). Most popular style of leg band. Assorted colors, light blue, dark blue, red, pink, yellow, black, amber, light green, dark green and white. Mention the colors preferred. Three sizes, Asiatic, American and Leghorn, 12, 18c; 25, 30c; 100, 85c. Postpaid.

(We have also the spiral leg bands for pigeons and for bantams and also for turkeys, all at the same price.)

**SPIRALET NUMBER CLIPS.** Made of aluminum with large embossed figures. The clips are easily and quickly put on the spiralets and will stay on. Made in two sizes, small for Mediterraneans and large for Americans and Asiatics. Prices, either size, 12, 20c; 25, 35c; 100, \$1.00, postpaid.

**Double Clinch Leg Bands:** 12 for 18c; 25 for 30c; 100, 80c, postpaid.

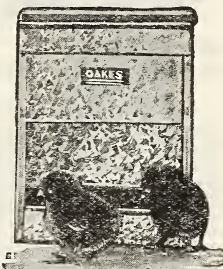
**Eclipse Leg Bands:** Same prices as Double Clinch.

**Smith Sealed Leg Bands:** 12 for 35c; 25 for 60c; 100 for \$1.75. Sealers, for Smith Sealed, 60c.

**Leader Adjustable Leg Bands:** 12 for 18c; 25 for 30c; 100 for 80c.



**AUTOMATIC CHICK GREASER.** Every chick his own doctor. As he eats from the pan his head is thoroughly greased. Price, \$1.00, by mail, \$1.15.



### GRIT AND SHELL BOX.

For grit, shells and charcoal. Made of steel, 3 compartments. Chick size, 85c; Poultry size, \$1.10.

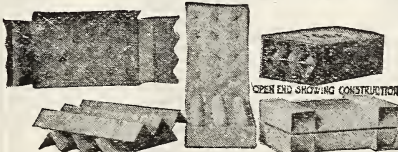


**Poultry Punch:** 25c, postpaid.



**SELF-LOCKING EGGS.** For marketing eggs. 12, 25c; by mail, 30c; 100, \$1.75; 1,000, \$15.00.

### DIAMOND PARCEL POST EGG CARRIERS.



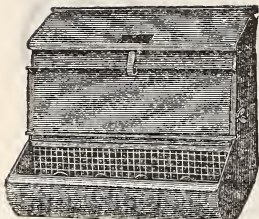
Ship eggs without breaking. Safe delivery by parcel post absolutely assured.

BY MAIL		BY EXPRESS	
Each	Each	Doz.	100
1 doz. size ...	\$.40	\$.30	\$2.85
2 doz. size ...	.50	.40	4.20
3 doz. size ...	.65	.50	5.40
4 doz. size ...	.80	.65	7.00
			52.50



**"Just press the tube, the poison spreads itself." For rats, mice, roaches and water bugs. Large tube, 25c. Not available.**

### IMPROVED HANDY HOPPER.



Improved Handy AUTOMATIC CHICK FOUNTAIN. Made to fit fruit jar. Price, 15c each; by mail, 20c. (Price does not include jar.) PORCELAIN NEST EGGS. Made of flint glass. 5c each; dozen, 35c; by mail, 50c.

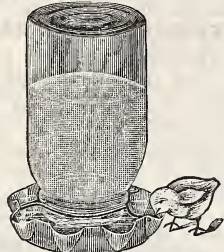


McCandlish.



Dry Mash Feeder.

Provided with a hinged lid over both hopper and trough, making it rat and mouse proof as well as dirt proof. Has swinging front adjustable to suit any kind of dry mash.  
No. 1 (12 inches) \$1.75  
No. 2 (18 inches) 2.25  
No. 3 (24 inches) 2.75  
No. 4 (36 inches) 3.90  
Bar Nun Hopper. Made by the Blatchford Calf Meal Co. Holds 8 quarts, \$2.75.



Automatic Chick Fountain. McCANDLISH CHICK FEEDER. Also used for drinking. Made entirely of galvanized iron. The revolving top rod prevents perching. Safe—Sanitary—Saving. 12 in., 40c; by mail, 50c; 20 in., 50c; by mail, 60c; 30 in., 75c; mail, 85c. CYMACO DRY MASH FEEDER. Practical for all kinds of dry feed. Made of steel, weather proof, adjustable and will feed from both sides. 12 inch, capacity 1/2 bu., \$2.50. 24 inch, capacity 1 bu., \$3.75.

### L A W N P A R K C O O P.

A handsome parking coop that will telescope. Made of galvanized metal throughout. Sanitary, affording proper ventilation and also absolute protection against rats and other chick enemies.

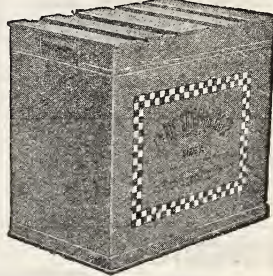


### IT TELESCOPES!

Price, reduced, \$3.75. Special prices in quantity. "BABIE" CHICK FEEDER. Conserves feed. Protects and accommodates 40 to 50 chicks. An ideal attachment for coops. Price, only \$1.25; by mail, \$1.50.

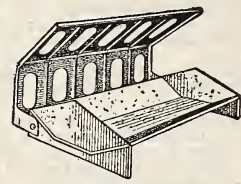


"Babie" Chick Feeder.



### EYRIE SHIPPING COOPS.

For shipping fancy birds by express. Attractive, well made, easily assembled, clean and vermin proof. Single bird size, 60c; pair, 90c; trio, \$1.00.



### GYMACO CHICK TROUGH.

For dry mash, grain or grit and also for water. Galvanized metal with hinged cover, making filling and cleaning easy. Strong and substantial. 10 inch, 30c; by mail, 40c. 20 inch, 45c; by mail, 55c.

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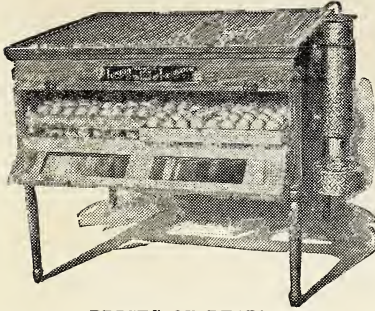
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## RELIABLE INCUBATORS.

(Ask for complete Reliable Catalog.)

The Reliable has been on the market for 44 years and is the favorite with hosts of poultrymen. All things considered we think it is the best, most substantial and easiest operated incubator made. It is sold on a strong guarantee and is exactly what its name signifies, thoroughly reliable. Made in both Hot Air and Hot Water styles.



### PRICES OF RELIABLE INCUBATORS.

No. 49—100 Egg,	Hot Air Standard	.....	\$22.50
No. 50—100 Egg,	Hot Water Standard	.....	28.00
No. 51—140 Egg,	Hot Air Standard	.....	31.00
No. 52—140 Egg,	Hot Water Standard	.....	37.00
No. 53—240 Egg,	Hot Air Standard	.....	43.00
No. 54—240 Egg,	Hot Water Standard	.....	51.50
No. 55—350 Egg,	Hot Air Standard	.....	51.00
No. 56—350 Egg,	Hot Water Standard	.....	63.00
No. 81—70 Egg,	Hot Air Junior	.....	15.00
No. 82—70 Egg,	Hot Water Junior	.....	17.50
No. 83—125 Egg,	Hot Air Junior	.....	23.50
No. 84—125 Egg,	Hot Water Junior	.....	28.00

Extra Incubator Thermometers, \$1.00 each.

## RELIABLE COAL BURNING BROODERS.



Will burn coal or coke and can be used in any kind of building or room in any kind of weather. Has all the latest improvements including Automatic Regulator, which insures a steady heat and saves fuel. The Reliable is fully guaranteed and is, we think, the best coal burning brooder on the market.

No. 9—With 42 inch hover, 500 chicks, \$21.50.  
No. 10—With 52 inch Hover, 1000 chicks, \$26.50.  
Extra Brooder Thermometers, 75c each.

### NON-FREEZABLE FOUNTAIN AND HEATER.

No freezing in mid-winter. Keeps poultry house warm. 4-gal. size, \$5.50; 8-gal. size, \$6.50.

### ALL METAL RELIABLE BROOD COOP.

Made of galvanized steel, 24 by 18 by 14 inches. \$2.25.



We have arranged again to supply our customers with WISCONSIN ACCREDITED CHICKS. These chicks hatched right here in Madison, are from stock that is healthy, pure bred and good egg producers that conform reasonably to the American Standard of Perfection. All chicks have the State Trade Mark, "Accredited Chicks," which means that every flock has been personally inspected by an inspector of the Wisconsin Department of Markets.

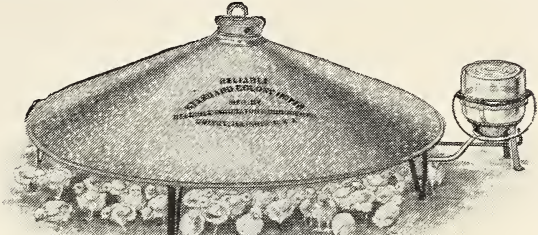
### PRICES AND BREEDS:

	Barred Rocks	White Rocks	S. C. R. I. Reds	S. C. White Leghorns	S. C. Brown Leghorns	White Wyandottes
25 Chicks	\$5.25	\$5.25	\$5.25	\$5.00	\$5.00	\$5.25
50 Chicks	10.00	10.00	10.00	9.50	9.50	10.00
100 Chicks	19.00	19.00	19.00	18.00	18.00	19.00

After June first a 25% reduction from the above prices. All chicks are shipped by prepaid parcel post, 95% safe arrival guaranteed. Order early naming preferred date of delivery.

## IMPROVED RELIABLE BLUE FLAME HOVERS.

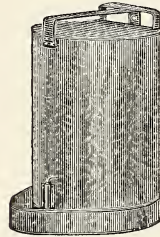
The Blue Flame Oil Heated Colony Hover burns oil instead of coal. It is easy to operate, economical and convenient. It keeps the chicks comfortable, happy and healthy and is guaranteed to give satisfaction.



### PRICES RELIABLE BLUE FLAME COLONY HOVERS.

No. 0—Hover, 30 inch size,	250 chicks	.....	\$17.50
No. 1—Hover, 42 inch size,	500 chicks	.....	18.50
No. 2—Hover, 52 inch size,	1000 chicks	.....	21.50

Extra Lighting Rings for Blue Flames, \$1.50 per dozen.



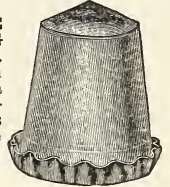
Improved Drop Bottom.

### IMPROVED DROP BOTTOM FOUNTAIN.

Combines the good qualities of the three fountains—Economy, Flat Back and Drop Bottom. Can be thoroughly cleaned and kept in sanitary condition. 2 qt. size, \$1.00; 1 gal. size, \$1.25; 2 gal. size, \$1.65.



This fountain consists of a cone-shaped bucket or can, and a stamped pan which forms the base and the trough from which the fowls drink. Galvanized. Qt., 30c; 2 qt., 45c; 3 qt., 60c.



2-Piece Fountain.

### NORWICH AUTOMATIC AIR-LOCK FOUNTAIN.

Most perfect device for automatically supplying pure fresh water at all seasons of the year.

Guaranteed frost proof at 10 degrees below zero.

Price, complete, \$6.00.

Columbus.

### COLUMBUS FREEZE-LESS FOUNTAIN.

A new style. Built like a fireless cooker. A very popular article, giving splendid satisfaction. 2 gal. size, \$3.50; 3 gal. size, \$4.00; 5 gal. size, \$5.00. Metal Nests, 75c each.

### APAGO POULTRY FEEDER.

An automatic feeder of the hanging type. Capacity 12 qts. Price, \$2.00; by mail, \$2.25.

### TRAP NESTS.

Including the whole nest, 90c each; dozen, \$10.00; 3 section, front only, \$1.25.

**CARROT**  
ORIENTAL



**BEANS**  
STRINGLESS GREEN POD



**PEAS**  
BEST EXTRA EARLY



**BEANS**  
PHENOL POD WAX



**PARSLEY**  
CHAMPION MOST CORTED



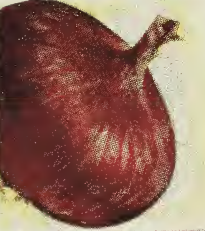
**ONION**  
YELLOW GLOBE DANFERS



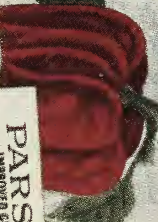
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IMPROVED QUIKSEET



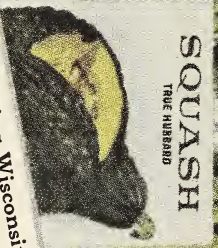
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LARGE RED WETHERFIELD



**PEPPER**  
HUBBARD'S



**SQUASH**  
TRUE HUBBARD



**BEANS**  
BEST EXTRA EARLY



**RADISH**  
WHITE ROOT



**RADISH**  
CRIMSON GIANT



**LETTUCE**  
HAWAII RAPIOS



**SPINACH**  
BLOOMSBLE



**TOMATO**  
SPARKS EARLY



**BET**  
GROSS'S EGYPTIAN



**TURNIP**  
DUPRE TOP WHITE GLOBE



**WATERMELON**  
KIECKHEF'S SWEET



**PEAS**  
ENGLISH WONDER



**CORN**  
GOLDEN BRITAIN



**CUCUMBER**  
OLD SELECT WHITE SPINE



**PUMPKIN**  
QUAKER PIE



**BET**  
OLD'S IMPROVED EARLY BLOOD TORRAP



**OLD'S**  
Dollar  
Collection

25 full sized packets  
of Vegetable Seeds,  
all for \$1.00, postpaid

The Following Wisconsin Standards:

- BEANS, Stringless Green Pod..... \$0.10
- BEANS, Old's Improved Pod Wax Blood Turnip..... .05
- BEANS, Old's Improved Early..... .10
- BEANS, Coshy's Egyptian Wakefield..... .10
- BEET, Jersey..... .10
- BEET, Early..... .10
- CABBAGE, Oxheart..... .10
- CABBAGE, Old's Improved White Shrike..... .10
- CABBAGE, Old's Select..... .10
- CABBAGE, Old's Jersey..... .10
- CUCUMBER, Grand Rapids..... .10
- CUCUMBER, Old's Select..... .10
- CUCUMBER, Old's Sweet..... .10
- LETTUCE, Old's Sweet..... .05
- MUSKMELOON, Kieckhefer's Danvers, Hensfield..... .10
- MUSKMELOON, Yellow Globe Red Wither..... .10
- ONION, Old's Extra Large Curled..... .10
- ONION, Old's Hampton Hub..... .10
- PARSNIP, Improved Quikseet..... .10
- PARSNIP, Best Extra Wonder..... .05
- PEAS, Old's English Wonder..... .05
- PEAS, Old's Ruby King..... .05
- PEPPER, Hubbs..... .10
- PUMPKIN, Crimson..... .10
- RADISH, White Icicle..... .10
- RADISH, Bloomstrand..... .10
- SPINACH, True Higanland..... .10
- SQUASH, Sparks, Large White Globe..... .10
- TOMAT, Purple Top..... .10
- TURNIP, Value..... \$2.05