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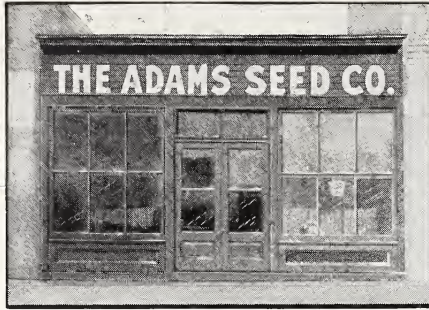


**SPRING
1922**



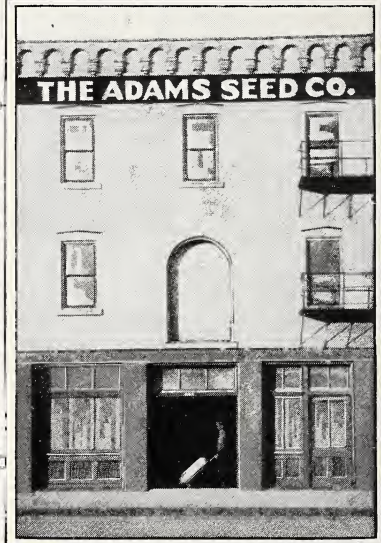
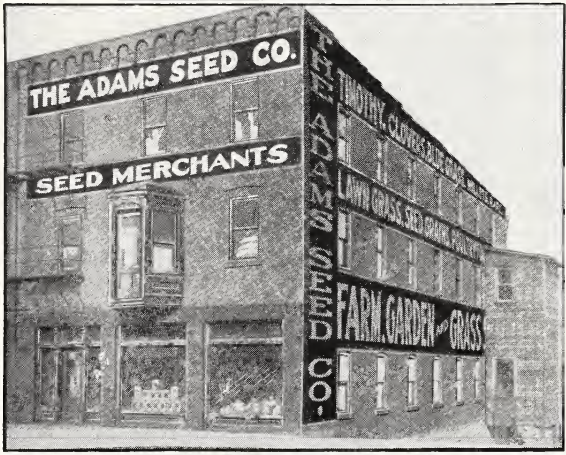
**ADAMS
CERTAIN
SEEDS**
for your
**GARDEN
and FARM**

The **ADAMS
SEED
COMPANY**
DECORAH, IOWA



These Pictures Show How Large We Have Grown the Past Sixteen Years

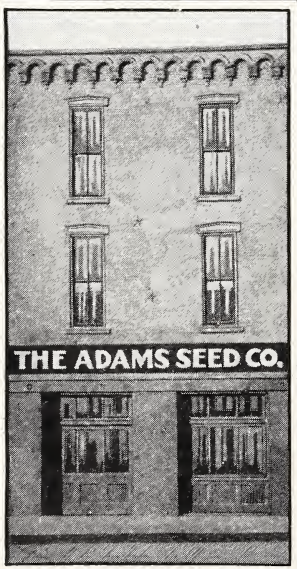
The little building on the left is where we were in 1906, with a floor space of only 626 square feet.



502 W. Water Street

506 W. Water St.

After being forced by the growth of our business to take on other buildings, we gradually acquired the two buildings illustrated above and the two below, giving us in 1922 four large, modern buildings of 40,000 square feet.



The building at 502 W. Water Street is one of our field seed warehouses and contains three units of seed cleaning machinery. At 506 W. Water Street is another warehouse, and at 508 W. Water Street is our general warehouse for field and garden seed, onion sets, etc.



508 W. Water St.

W. Water and Mechanic St.

The big, modern building at W. Water and Mechanic Sts., contains our offices, retail store, vegetable and flower seed departments, and our recently installed battery of seed cleaning machinery for the field seed department.

**OUR BUSINESS HAS GROWN BECAUSE OUR SEEDS HAVE GROWN
We Have Satisfied Customers in 42 States**

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This is the Famous ADAMS GUARANTEE

We exercise great care in growing, selecting, sorting, re-cleaning, grading and testing ADAMS CERTAIN SEEDS and fully guarantee them as follows:

We guarantee the purity and germination of our vegetable and flower Seeds, Bulbs and Plants, to the full amount of the purchase price, and will replace free of charge or refund the purchase price, any time within the year, of any such as have proven unsatisfactory.

We guarantee the purity and germination of our field seeds to be as represented, with the understanding that immediately on receipt of shipment you will send a true, average sample (taken from each bag in the lot) to your State College for test. Should their analysis show that our seed is not as represented, mail your State College report to us within 15 days after arrival of the shipment, and upon receipt of the returned seed, we will either replace same free of charge, or refund the money.

Since success in gardening or farming depends largely upon soil, cultivation, climate and other conditions beyond our control, and because of the possibility of error, we give no warranty, express or implied (except as stated above), as to description, quality, productiveness, or any other matter of any Seeds, Bulbs or Plants, we send out and we will not be in any way responsible for the crop. If the purchaser does not accept the seeds on these terms and conditions, they are to be returned at once and the money that has been paid for them will be refunded.

'A Little Praise Now and Then, Is Relished By the Best of Men'

A FEW LETTERS FROM OUR SATISFIED CUSTOMERS

We have hundreds of other letters in our files testifying to the purity and strong growing quality of Adams Certain Seeds. If you want copies of some from your state, should there be none published on this page, write us. We have not space enough to publish them all. They would fill a book. These will convince you.

Pleasantville, Iowa.
Please send me one-half bushel of Alsylke Clover, like the seed you sent C. E. Hunt. It was very fine.
C. C. Proffitt.

Emmetsburg, Iowa.
I wish to sow some seed this fall and have always found your seeds up to standard and satisfactory in every way.
A. J. Ziegler.

Millville, Wis.
We like your seeds. The Alsylke and Timothy mixture ordered of you some time ago grew fine. I cut a fine crop of hay last year and expect to cut another one this year from it.
Henry Edwards.

Edgewood, Iowa.
I have just received the 105 seed oats and they are fine. Please send me four bushels more.
H. J. Fenstermann.

Waukon, Iowa.
Your reputation is good with the farmers around here and I would like to get your catalog and price-list to keep on file in my office.

S. S. Mathisen, Co. Agt.
Strawberry Point, Iowa.
The Seed Corn I got of you last year was fine. I had a big stand and fine quality.
H. J. Little.

Kimball, Minnesota.
The fine Alsylke Seed that I offer you was grown from your "Purity Brand" seed that I bought of you two years ago.
A. L. Shaw.

Onaka, South Dakota.
The Buckwheat I got of you is doing fine. I expect a big yield from it. Please send me 200 pounds of Sweet Clover like the sample.
Frank Metzinger.

Merrifield, New York.
We have had some seed oats from you in the past and they always proved to be good seed oats.
F. M. Pattington & Son.

Omaha, Nebraska.
"Dwarf Hulless" Pop-corn arrived O. K. and is very fine.
Brad Hickox.

Monette, Arkansas.
I received the Sudan Grass and it was O. K.
Henry Sipes, Sr.

Anoka, Minnesota.
You remember I bought 100 pounds of Mixed Clover and Timothy last Spring. It came up fine, thick and heavy, making all kinds of pasture last Fall.
J. A. Vandecar.

Utica, Pennsylvania.
I sent to you for my Clover and Timothy seed last year and was much pleased with same. It was sure fine seed. Please send me prices and samples for this season.

Earl, Wisconsin.
Some of the seed houses are sending out catalogs with grass seed very cheap, but these last two or three years that I have had dealings with you, I have had good success with my grass seed.
Richard Watts.

Monticello, Missouri.
I appreciate the prompt and satisfactory service you have given.
C. Vetter, County Agent.

Knox, Missouri.
The Asparagus roots were splendid.
Mrs. Homer T. Vance.

Sheffield, Iowa.
We received the Early Potatoes in fine shape. They sure were fine.
J. A. Crazier.

Downsville, Wisconsin.
Please send me your price list on seeds; I bought some seed from you before and found them O. K.
E. O. Moen.

Madison, Wisconsin.
The seed we received from you last year was free from foul seed and gave satisfaction. It was the nicest piece of clover I ever had. Every one remarked about that field of Clover and said that they never saw any better. It was beautiful to look at.
Mr. Geo. Larkin.

Rocky Ford, Colorado.
I got seed from you three years ago and it proved

so satisfactory that I would like to get more like it. Please send me your catalog.
Henry J. Wehling.

Covington, Virginia.
The seed I bought of you last Spring has proven very satisfactory, and gave me splendid results.
W. A. Rinehart, Pres. People's Bank.

Nov. 26, 1921
The order I gave you last year proved very satisfactory to me.
Joseph Wilde, R. 1, Nedham, Ind.

Hudson, Michigan.
Was well pleased with the seed bought from you last Spring.
Martin Poling, R. 6.

Clifford, Illinois.
At last I have taken time to send for Melon Seeds. Find order inclosed for three kinds of Melon Seed. I can buy them for less than you quote at home, but I am afraid I might get bit, so I thought I would send to you and I would get what I ordered.

Wm. Gurnsey.
Cherokee, Iowa, Jan. 18, 1921.

As I expect to use some grass seed next Spring, and having dealt with you in former years, always receiving fair treatment, I ask you to send me prices on Timothy and Clover Seed.
G. W. Hurd.

Austin, Minnesota, Aug. 18, 1921.
Please send me another 100 lbs. of Popcorn, as the last I got was very good.
Lawrence Bjerke.

Independence, Iowa.
Enclosed please find check for \$81.00 and order for Seed Corn, etc. We have not asked for samples, because in our dealings covering a good many years, we have always found your seed fully up to representations and satisfactory in every way.

Cook & Cook, Attorneys at Law.
Weyerhauser, Wisconsin.
I bought of you last year and was well satisfied with the results.
H. A. Sherwood.

825 Mountain St., Willimantic, Conn.
I received your seeds some time ago and I am well pleased with them. If I buy any more, I shall favor you with my order.
Raymond Welden.

R. I. Hospers, Iowa.
Three years ago a friend of mine got some of the Goddards Silver King from you and it certainly was as fine corn as I ever saw. It got ripe here close to the Minnesota line and outyielded all other varieties.
Bert L. Vande Berg.

The grass seeds I bought of you last year were very satisfactory. I am going to need some more this year.—F. J. Curtis, Cashier Dunlop State Bank, Dunlop, Iowa.

Roosevelt, Minnesota.
Kindly quote me price per bushel on Seed Barley, Oderbrucker preferred. I am in need of 3 or 4 bushels and would like to know if you can ship it as prompt AND AS GOOD SEED as you did the Medium Red Clover I recently bought from you.

Ernest O. Bailey.
West Bend, Iowa.
I am not going to be in the market for any more seed this Spring, but if in the future I need any more I will surely get it from The Adams Seed Company, for it has always given me the best success.

Otto Berninghaus, Bx. 106
Decorah, Iowa.
Fifty-five years' experience in farming the same piece of land has convinced me that it pays to buy thoroughly cleaned seed. THE ADAMS SEED COMPANY has the best machinery on earth for cleaning seed, and I have bought of your people for years. My land is free of noxious weeds. I intend ordering all of my seed from you this year.

C. E. Teetshorn.
Platteville, Wisconsin.
Received your letter and am always glad to hear from you. Last year I bought over \$125.00 worth of seed from you and I found it good seed and I got a fine crop.
Robert Hughes, R. 3.

Cross Roads, Arkansas.
A friend gave me your address and said you sure were a good company. I remain your friend,
Bertha Brown.



DIRECTIONS FOR GROWING VEGETABLES AND FLOWERS

Cultural directions printed on circulars are sent free with each order, if requested. Please state which circulars you want. They are free.

We can supply Cultural Leaflets of the following:

- | | | | | |
|---|---|----------------------------|---|--------------------------------------|
| Annuals | Celery | Evergreen Trees and Shrubs | Lily Culture for Green-house and Garden | Rose Culture |
| Asparagus | Chinese Sacred Lily or Joss Flower | Ferns | Mushroom Culture | Small Fruits |
| Asters, China | Chrysanthemum | Freesia | Melons in the Open and under Glass | Standard Fruits |
| Azaleas | Climbers, Hardy | Geranium | Onions | Strawberries under Glass |
| Begonia, Tuberos | Coleus, and other bedders | Gladiolus | Palms, House Culture of | Sweet Peas, Outdoors |
| Bulbs for House Culture | Crocus, Snowdrops, Scillas and Chionodoxa | Gloxinia | Pansy | Tomatoes, Outdoors |
| Bulbs Outdoors | Cucumbers under Glass | Hotbeds and Frames | Peonies | Tomatoes, under Glass |
| Cabbage and Cauliflower | Cyclamen | House Plants, Care of | Perennials, Hardy | Tulip |
| Camia | Dahlia | Hyacinths | Pansy | Vegetable Garden |
| Carnations, Indoor | Deciduous Trees and Shrubs | Iris | Primulas | Violets |
| Cauliflower, Radish and Beans under Glass | | Lavens | Rhubarb and Asparagus Forcing | Water Garden, How to Make and Manage |

COOK BOOK for the Women. Free with each order for \$1 worth of Garden or Flower Seeds. We have arranged for a large supply of a very complete cook book published by a well-known company which is co-operating with us to help our customers keep up to date on all the latest cooking recipes for vegetables and other food.

CATALOGS and other books and **PRICE LISTS** which we publish for free distribution.

Besides this Spring Catalog, we shall be glad to send you any of the following upon request.

Nursery Stock, Summer Flowering Bulbs and Plants.

Summer Price List of Seeds for Summer and Fall Sowing.

Fall Bulbs.

Market Gardeners' Wholesale Price List. Only sent to those who grow for the market and buy in large quantity.

Field Seed Price List. Issued frequently. Gives lowest market price on all field seeds, seed potatoes, etc. This will be sent to farmers and all who ask for it.

Fertilizer Book. Tells all about how to feed your field crops, vegetables or flowers.

Book on Insecticides and Fungicides. How to treat all kinds of vegetation, trees, etc., for diseases, in sects, etc.

WOODEN GARDEN MARKERS

One for Each Variety—FREE with each order for \$1.00 or more of Vegetable or Flower Seeds. But you must request them on the order sheet if you wish us to send you a set.

You know how often you have sown seeds in your garden and when the rain came and spoiled the paper marker it was hard to tell the name of the different varieties of vegetables or flowers you had planted. Adams' Garden Markers are made from bleached piano-wood and will last all season. You simply write the name of the variety on each label and stick it in the ground at the end of each row. They are 5½ inches long and ¾ inch in width. **EXTRA MARKERS** will be supplied at 15c per dozen, postpaid.

SUGGESTIONS AND GENERAL INFORMATION THAT WILL HELP YOU IN ORDERING ADAMS SEEDS

SAMPLES

We are always ready and willing to send samples of all grass and field seeds for your inspection. Don't hesitate to write and request samples in these lines at any time. We want you to know just what our seeds are before you buy and we will ship exactly the quality we furnish as sample.

OUR PRICE LIST

Owing to unsettled conditions of seed markets we are not quoting quantity prices on grass and field seeds here. You will find these listed in the special price list with the catalog. New price lists, quoting very lowest prices possible, will be issued as frequently as market conditions require, and mailed to you. **Always order from the most recent Price List you have,** as it will quote current prices.

USE ORDER SHEETS

The order sheet enclosed with the catalog is intended to facilitate the handling of orders. Please make use of it in ordering and fill it out completely, according to instructions printed on it. Our terms are always **cash with order**—the Adams Guarantee protects you.

THREE WAYS OF SHIPPING YOUR ORDER

You can order seeds by parcel post, express or freight. Quantity ordered and distance of haul govern the cost of delivery. If you are located anywhere within the first or second parcel post zone with us

you can have fairly large shipments—up to 50 lbs.—made very cheaply by mail. For greater distances it will be cheaper to send by express at the present reduced rates. Comparing freight and express rates you will find express practically as cheap as freight up to about 40 lbs. On a large order freight will save some money, and it will be economy to place orders aggregating 100 lbs. or more, as quantities under that will cost as much. One hundred pounds is known as a minimum weight for shipment by freight.

IMMEDIATE SHIPMENT

Every possible effort is made to insure prompt shipment of all orders. Under ordinary circumstances we get all orders received before the middle of the afternoon out on that same day. In rush seasons we cannot guarantee to do that, but we are in a position to have your goods on the way in a very short time. If you want seeds in a hurry, send us your order—we'll take care of you.

SAFE ARRIVAL ASSURED

We insure seeds reaching you in good shape and see to it that all our customers are protected against loss in transit. In case of any overcharge, or of shipment being received in bad order or lost, you need only send us the freight receipt. We will fully investigate and file claim for you—or refund your money or refill order if desired. **You are absolutely safe when you order from us.**

FREIGHT and EXPRESS RATES from Decorah, Iowa

For your convenience in figuring the approximate transportation charges to your station we have prepared this table of rates. Find the town given in the table which is nearest to you and you will come within very accurate range of the freight or express charges on your shipment from us.

These rates are not guaranteed and are only for information, to assist you in estimating your total cost for seed and other items delivered at your depot. Rates are constantly changing, and, we therefore, assume no responsibility for those quoted here, but can assure you that at the time of going to press with this catalog they were accurate so far as our Traffic Manager could learn.

Rates are per 100 lbs. in Sacks, Boxes or Barrels, less than car lots. Garden Seed, Clover, Grass Seed, and Potatoes go as 3rd class; Grain, Corn, Poultry Feed, etc., 4th class. The columns marked 3rd and 4th are freight rates and the column marked Ex. is for goods shipped by express.

	3rd.	4th.	Ex.		3rd.	4th.	Ex.		3rd.	4th.	Ex.
Ashland, Wis.....	\$0.80	\$0.54½	\$1.87	St. Paul, Minn.....	\$.50½	\$.34	\$1.56	Dallas, Tex.	\$2.16	\$1.96	\$4.41
Beloit, Wis.....	.67½	.42½	1.19	Winona, Minn.....	.50½	.34	1.04	Fort Worth, Tex.	2.16	1.96	4.37
Eau Claire, Wis...	.67½	.42½	1.30	Aberdeen, S. D....	1.08	.81	2.65	Houston, Tex.....	2.16	1.96	4.94
Fond du Lac, Wis.	.67½	.42½	1.19	Mitchell, S. D....	.73	.63	2.44	San Antonio, Tex.	2.16	1.96	5.30
Green Bay, Wis...	.67½	.42½	1.35	Sioux Falls, S. D.	.57½	.43	1.97	Denver, Colo.	1.35	1.10	4.26
Janesville, Wis...	.67½	.42½	1.19	Yankton, S. D....	.69½	.54	3.02	Billings, Mont. ...	2.23½	1.85½	4.94
La Crosse, Wis....	.47½	.34	.88	Bismarck, N. D....	1.64	1.30½	3.23	Seattle, Wash.	3.96½	3.33½	8.73
Milwaukee, Wis....	.67½	.42½	1.35	Fargo, N. D.....	1.08	.74½	2.44	Portland, Ore.....	3.96½	3.33½	8.84
Portage, Wis.....	.67½	.42½	1.09	Grand Forks, N.D.	1.23½	.90	3.02	Salt Lake City, Utah	2.60	2.16½	6.76
Wausau, Wis.....	.67½	.42½	....	Williston, N. D..	2.12½	1.59	3.95	San Francisco, Cal.	3.96½	3.33½	9.67
Bloomington, Ill.	.67½	.48	1.61	Beatrice, Neb.....	.81	.63½	2.65	New Orleans, La.	1.82½	1.54	3.59
Chicago, Ill. ....	.67½	.42½	1.56	Hastings, Neb.....	1.23	.97	3.02	Phoenix, Ariz.	3.38½	2.85½	8.15
Danville, Ill. ....	.69½	.46	1.61	Lincoln, Neb. ....	.74½	.56½	2.65	Boise, Idaho.	3.38½	2.85½	7.95
Decatur, Ill. ....	.67½	.48	1.82	Omaha, Neb. ....	.66½	.57½	2.18	Santa Fe, N. M....	2.16½	2.54	5.14
Freeport, Ill. ....	.67½	.42½	1.19	Kansas City, Mo.	.67½	.50	2.44	Albany, N. Y.....	1.41½	.99½	3.02
Galesburg, Ill....	.67½	.44	1.46	St. Louis, Mo.....	.69½	.46	1.92	Buffalo, N. Y....	1.14½	.85	2.50
Jacksonville, Ill.	.67½	.48	1.71	Springfield, Mo..	.84½	.63	2.81	New York, N. Y..	1.28½	.90½	3.23
Peoria, Ill. ....	.67½	.44	1.46	Elkhart, Ind. ....	.88	.65½	1.82	Erie, Pa.	1.14½	.85	2.50
Quincy, Ill. ....	.67½	.44	1.71	Indianapolis, Ind.	.88	.65½	1.82	Philadelphia, Pa.	1.26½	.88½	3.06
Rock Island, Ill..	.39	.29	1.35	Vincennes, Ind. ...	.87	.64½	1.92	Pittsburgh, Pa..	1.14½	.85	2.65
Springfield, Ill..	.67½	.44	1.71	Cleveland, Ohio ..	1.00½	.64½	2.23	Hartford, Conn. ...	1.33½	.94½	3.33
Cedar Rapids, Ia..	.33	.26	1.56	Columbus, Ohio. ...	.96	.61½	2.33	Wilmington, Del.	1.26½	.88½	3.06
Clinton, Ia. ....	.35½	.28	1.30	Youngstown, Ohio	1.04	.77½	2.33	Bangor, Me.	1.51½	1.07	3.74
Davenport, Ia. ....	.36½	.29	1.35	Detroit, Mich.....	.98	.73	2.03	Concord, N. H....	1.33½	.94½	3.33
Des Moines, Ia....	.49½	.41	1.77	Grand Rapids, Mich.	.98	.73	1.82	Trenton, N. J....	1.26½	.88½	3.12
Dubuque, Ia. ....	.28	.21½	1.09	Kalamazoo, Mich..	.91	.67½	1.82	Burlington, Vt....	1.33½	.94½	3.12
Ottumwa, Ia. ....	.43½	.36	1.56	Lawrence, Kans..	.85½	.65	....	Boston, Mass.	1.33½	.94½	3.38
Sioux City, Ia....	.52½	.44	2.18	Topeka, Kans.....	.92	.68	2.54	Baltimore, Md. ...	1.25½	.87½	2.96
Waterloo, Ia. ....	....	....	1.04	Wichita, Kans....	1.37½	1.05½	3.33	Richmond, Va. ...	1.25½	.87½	3.23
Duluth, Minn. ....	.74½	.47½	1.97	Fort Smith, Ark..	1.75½	1.49½	3.43	Wheeling, W. Va.	1.14½	.85½	2.44
Mankato, Minn....	.50½	.34	1.56	Little Rock, Ark..	1.64½	1.40½	....	Memph, Tenn....	1.40½	1.17	2.65
Red Wing, Minn..	.50½	.34	1.30	Muskogee, Okla..	1.44	1.12	3.59				
St. Cloud, Minn..	.71½	.54½	1.97	Oklahoma City, Ok.	1.72	1.42½	3.95				

PARCEL POST RATES BY ZONES

The Adams Seed Co. is so centrally located at Decorah, Iowa, that we can ship to every state at very low postage rates.

All packages of seeds under 8 ounces are carried everywhere in the United States regardless of zone rates at 1 cent for 2 ounces. Packages of that size we pay the postage on unless stated otherwise in the catalog, but seeds ordered in quantity, such as pounds or over, peck, bushel, etc., except where we state it is postpaid, should be shipped by express or freight.

DOMESTIC PARCEL POST RATES

On Seeds, Plants, Bulbs, Roots, Tools, etc. within the U. S. and Possessions.	First pound or fraction.	Each add. lb. or frac.
First Zone Decorah, Iowa or 50 miles thereof.	5c.	1c.
Second Zone within 50 to 150 miles.....	5c.	1c.
Third Zone within 150 to 300 miles.....	6c.	2c.
Fourth Zone within 300 to 600 miles.....	7c.	4c.
Fifth Zone within 600 to 1000 miles.....	8c.	6c.
Sixth Zone within 1000 to 1400 miles.....	9c.	8c.
Seventh Zone within 1400 to 1800 miles....	11c.	10c.
Eighth Zone all over 1800 miles and Canada	12c.	12c.

Limit of weight for delivery within the first and second zones, 50 pounds; to Canada 4 lbs., 6 ozs. (postage 60c); to all other zones 20 pounds. If weight exceeds this, we will pack in 2 or 3 parcels (not more) provided money is remitted to cover postage. (Mark Zone Number on order).

Standard Weights in Iowa, and Quantity of Seed Requisite to Sow An Acre

	Quantity per acre	Lbs. per bu.		Quantity per acre	Lbs. per bu.
Barley	2½ bu.	48	Grass, Meadow Fescue	1 bu.	14
Beans, Soy	6 lbs. to 2 bu.	60	Grass, Mixed Lawn, 1 lb. for each 300 sq. ft. 100 lbs.	..	14
Buckwheat	½ bu.	48	Grass, Red Top, unhulled	20 to 28 lbs.	..
Cane, 5 lbs. for sorghum, 25 to 50 lbs. for fodder, 100 lbs. for hay.....	50	50	Grass, Red Top, fancy.....	8 to 15 lbs.	..
Clover, Alsylke and White.....	6 to 10 lbs.	60	Grass, Sudan	5 to 15 lbs.	..
Clover, Alfalfa or Lucerne.....	15 to 25 "	60	Grass, Timothy	¼ to ½ bu.	45
Clover, Crimson	10 to 15 "	60	Grass, Orchard, Wood Meadow and Perennial Rye	1 bu.	14
Clover, Mammoth and Medium.....	10 to 14 "	60	Hemp	½ "	32
Clover, Sweet	15 to 20 "	60	Oats	2½ to 3 "	60
Corn, Field (shelled) checked	7 to 9 "	56	Peas, Field	2 "	60
Corn, Field (shelled) drilled.....	10 to 14 "	56	Pop Corn (shelled)	2 qts.	56
Cowpea, in drills	1 bu.	50	Rape, 5 lbs. drill, 20 lbs. broadcast	50	50
Flax, broadcast	½ to ¾ "	56	Rye	1 to 1½ bu.	56
Flax, in drills	¼ to ½ "	56	Sunflower	8 lbs.	56
Grass, Blue, Kentucky	2 "	14	Vetch, Spring	1½ to 2 bu.	60
Grass, Blue English	1 "	14	Vetch, Hairy or Sand.....	½ to 1 "	60
Grass, Bromus Inermis	3 to 4 "	14	Wheat	2 "	60
Grass, Millet, Hungarian	½ to 1 "	50			

Valuable Information

There may be times and places when this table will not apply without a slight adjustment and we would caution against using it without first taking cognizance of local conditions. The terms "north" and "south" apply generally to the latitudes of Iowa and Gulf Coast. No allowance is made for altitude.

ADAMS PLANTING TABLE

Kind of vegetable	Seeds or roots required for 100 feet of drill	One Acre	Distance for plants to stand				Depth of planting	Time of planting in open ground		Ready for use after planting
			Horse cultivation		Plants apart in rows			South	North	
			Rows apart	Hand cultivation	Rows apart	Plants apart				
Asparagus, seed.	1 oz.	5 lbs.	30 to 36 in.	1 to 2 ft.	3 in.	3 to 5 in.	Autumn or early spring.	Early spring.	2 years.	
Asparagus, roots.	60 to 80.	1 bu.	3 to 5 ft.	12 to 24 in.	15 to 20 in.	3 to 5 in.	Autumn or early spring.	Early spring.	1 year.	
Beans, Dwarf.	1 pt.	1 bu.	30 to 36 in.	18 to 24 in.	2 in.	1 in.	Feb. to April (Aug. to Sept.).	April to July.	42 to 75 days.	
Beans, pole.	1/2 pt.	6 lbs.	3 to 4 ft.	3 to 4 ft.	2 in.	1 in.	Late spring.	May and June.	72 to 90 days.	
Beets.	1 oz.	1/2 bu.	28 to 36 in.	12 to 18 in.	2 in.	1 in.	Feb. to April (Aug. to Sept.).	April to Aug.	45 to 60 days.	
Brussels sprouts.	1/4 oz.	2 oz.	30 to 36 in.	24 to 30 in.	16 to 24 in.	1/2 in.	Jan. to July.	May and June.	100 to 120 days.	
Cabbage, early.	3/4 oz.	1/4 lb.	30 to 36 in.	24 to 30 in.	12 to 18 in.	1/2 in.	Oct. to Dec.	March and April. (Start in hothed during Feb.)	90 to 110 days.	
Cabbage, late.	1/4 oz.	1/4 lb.	30 to 40 in.	24 to 36 in.	16 to 24 in.	1/2 in.	June and July.	May and June.	110 to 120 days.	
Carrot.	1/2 oz.	2 lbs.	30 to 35 in.	18 to 24 in.	2 in.	1/2 in.	March and April.	April to June.	55 to 80 days.	
Cauliflower.	3/4 oz.	1 oz.	30 to 36 in.	24 to 30 in.	14 to 18 in.	1/2 in.	Jan. and Feb. (June)	April to June.	95 to 110 days.	
Celery.	3/4 oz.	3/4 lb.	30 to 6 ft.	18 to 36 in.	2 in.	3/8 in.	Aug. to Oct.	May and June. (Start in hothed or cold frame)		
Collards.	1/4 oz.	1/4 lb.	30 to 36 in.	24 to 30 in.	14 to 18 in.	1/2 in.	May and June.	Late spring.	120 to 150 days.	
Corn, sweet.	3/4 pt.	6 qts.	36 to 42 in.	30 to 36 in.	4 every 3 ft.	1 in.	Feb. to April.	May to July.	100 to 120 days.	
Cress, water.	2 oz.	2 lbs.	Broadcast.	4 to 6 ft.	4 every 3 ft.	water.	Early spring.	April to Sept.	60 to 70 days.	
Cucumber.	1/2 oz.	2 lbs.	4 to 6 ft.	4 to 6 ft.	18 in.	1 in.	Feb. and March (Sept. to Feb. to April.)	April to July.	50 to 70 days.	
Eggplant.	3/8 oz.	3/4 lb.	30 to 36 in.	24 to 30 in.	18 in.	1/2 in.	Feb. to April.	April and May (Start in hothed during March)	125 to 140 days.	
Endive.	1 oz.	2 lbs.	30 in.	18 in.	12 in.	3/4 in.	Feb. to April.	April (July)	100 days.	
Kale, or borecole.	1/4 oz.	1 lb.	30 to 36 in.	18 to 24 in.	18 in.	1/2 in.	Oct. to Feb.	Aug. to Sept. (March and April)	55 to 60 days.	
Kohl-rabi.	1/4 oz.	1 lb.	30 to 36 in.	18 to 24 in.	6 in.	1/2 in.	Sept. to May.	March to May.	50 to 70 days.	
Leek.	1/2 oz.	4 lbs.	30 to 36 in.	14 to 20 in.	4 in.	1/2 in.	May to Sept.	March to May.	120 to 150 days.	
Lettuce.	1/2 oz.	3 lbs.	30 in.	12 to 18 in.	6 in.	1/2 in.	Sept. to March.	March to Sept.	70 to 90 days.	
Muskmelon.	1/2 oz.	2 lbs.	6 to 8 ft.	6 to 8 ft.	4 every 4 ft.	1 in.	Feb. to April.	April to June.	85 to 150 days.	
Watermelon.	1 oz.	2 lbs.	8 to 12 ft.	8 to 12 ft.	4 every 6 ft.	1 in.	March to May.	May and June.	100 to 130 days.	
Mustard.	1/2 oz.	1 lb.	30 to 36 in.	12 to 18 in.	4 or 5 to ft.	1/2 in.	Autumn or early spring.	March to May. (Sept.)	60 to 90 days.	
Okra.	2 oz.	8 lbs.	4 to 5 ft.	3 to 4 ft.	24 in.	1/2 in.	Feb. to April.	May and June.	90 to 140 days.	
Onion, seed.	1 qt.	4 lbs.-5 lbs.	24 to 36 in.	12 to 18 in.	2 in.	1/2 in.	Oct. to March.	April to May.	100 to 150 days.	
Onion, sets.	1 qt.	50 lbs.	24 to 36 in.	12 to 18 in.	4 or 5 to ft.	1/2 in.	Early spring.	Autumn and Feb. to May	90 days.	
Onion seed for sets.	1 lb.	3 lbs.	24 to 36 in.	12 to 18 in.	3 in.	1/2 in.	Sept. to May.	Sept. and early spring.	65 to 90 days.	
Parsley.	1/2 oz.	3 lbs.	24 to 36 in.	12 to 18 in.	2 in.	1/2 in.	March and April.	April and May.	130 days.	
Parsnip.	1/2 oz.	3 lbs.	30 to 36 in.	18 to 24 in.	2 in.	1/2 in.	Sept. to April.	March to June.	45 to 75 days.	
Peas.	1 pt.	1 bu.	3 to 4 ft.	30 to 36 in.	1 in.	1 in.	Early spring.	May and June. (Start early plants in hothed during March)	130 to 150 days.	
Pepper.	1/2 oz.	2 oz.	30 to 36 in.	18 to 24 in.	15 in.	1/2 in.	Jan. to April.	March to June.	90 to 150 days.	
Potatoes, Irish.	5 lbs.	46 bu.	30 to 36 in.	24 to 36 in.	14 in.	4 in.	April and May.	May and June.	150 days.	
Potato, sweet.	3 lbs. (or 75 slips).	4 lbs.	3 to 5 ft.	3 to 5 ft.	14 in.	3 in.	April and May.	May and June.		
Pumpkin.	1/2 oz.	10 lbs.	8 to 12 ft.	8 to 12 ft.	4 every 6 ft.	1 in.	Sept. to April.	May to July.	75 to 90 days.	
Radish.	1 oz.	10 lbs.	24 to 36 in.	12 to 18 in.	1 in.	1 in.	Early spring.	March to Sept.	20 to 75 days.	
Rhubarb, seed.	1/2 oz.	33 roots.	36 in.	30 to 36 in.	6 in.	1/2 to 1 in.	Autumn or early spring.	3 years.		
Rhubarb, roots.	1/2 oz.	33 roots.	3 to 5 ft.	3 to 5 ft.	3 ft.	2 to 3 in.	Autumn or early spring.	3 years.		
Rutabaga.	1/2 oz.	2 lbs.	30 to 36 in.	18 to 24 in.	6 in.	1/2 to 1 in.	Aug. and Sept.	May and June.	90 days.	
Salsify.	1 oz.	8 lbs.	30 to 36 in.	18 to 24 in.	2 in.	1/2 in.	Sept. to Feb.	Early spring.	150 days.	
Spinach.	1 oz.	8 lbs.	30 to 36 in.	12 to 18 in.	2 in.	1 in.	Spring.	Sept. or very early spring.	45 days is min.	
Squash, summer.	1/2 oz.	4 lbs.	3 to 4 ft.	3 to 4 ft.	4 every 4 ft.	1 in.	Spring.	April to June.	65 to 75 days.	
Squash, winter.	1/2 oz.	1 1/2 oz.	7 to 10 ft.	7 to 10 ft.	4 every 6 ft.	1 in.	Dec. to March.	May to July.	125 days.	
Tomato.	1/2 oz.	1 1/2 oz.	3 to 4 ft.	3 to 4 ft.	3 by 4 ft.	1/2 in.	May and June.	May and June.	125 to 150 days.	
Turnip.	1/2 oz.	1 lb.	24 to 36 in.	18 to 24 in.	2 in.	1/2 in.	Aug. to Oct.	April and Aug.	45 to 90 days.	

Get our Summer Catalog—Seeds and Bulbs for Fall

This is a Solid Type Page, but is Very Important to You. Every Word Should Be Read if You Plant Field Seeds.

OUR POLICY

Our selling prices are based on the present market, not on what the seed cost us last summer or fall. Today's cost, based on the present market; cleaning expenses, including shrinkage, labor, power and time; plus a small margin to cover our selling expense and profit—gives you the greatest seed values you were ever offered. Following the period of high prices, the sooner everybody gets back to fair values and sane thinking, the better for all of us. While it is probably true that some people are holding back in the breaching, trying to hang onto war prices for the last cent, we have followed the policy of staying right with the market in order to give our customers the utmost values in seeds.

THE ONLY LASTING FOUNDATION

You can't raise a registered herd from a scrub sire, and you can't raise a clean, high-grade, bumper crop from the kind of seeds you are ordinarily offered. The only lasting foundation for farm profits is Bushels Per Acre. The man who gets a bigger yield is producing or manufacturing at a lower cost per bushel, and is, therefore, making more money than his neighbors, regardless of the markets. A few dimes "saved" on an order for seeds may lose you dollars on your crops, besides fouling your farm with noxious weeds.

AN INVESTMENT—NOT AN EXPENSE

Protect your fields and increase your yields by buying only Adams' Quality Seeds, which are selected from the pick of the crop, cleaned and graded by experts in the finest cleaning plant in Iowa and sold to you the Adams way—on Honor. Because our seeds are selected, cleaned, graded and sold under our personal supervision, we absolutely stand back of them, as no ordinary seed house dares to do. We know our seeds are actually the cheapest purchase on the market. They may sell for a few cents more per pound, but they produce cleaner, better and bigger crops than the ordinary kind generally offered, which has neither the purity, germination, nor true-to-name qualities which have made "Purity Brand" the standard of high quality everywhere.

OUR MOTTO: "CLEANER FIELDS AND BIGGER YIELDS"

Now of all times is the time you should get the best value for your money—buy Adams' Seeds and be protected by the ADAMS GUARANTEE (read it carefully). Buy the best—our Quality Seeds—get Cleaner Fields and Bigger Yields. Buy now before the rush, when prices will surely go much higher.

Our Modern Seed Plant Gives Us Ideal Cleaning Facilities.

(See illustrations of buildings on inside of front cover page of this catalog.)

We would like to take each one of you through "from cellar to garret," but as that isn't possible (although we'll always be mighty glad to see any of you), we are going to try to give you a pen picture of it that will help you realize what we are doing to give our customers "World's Standard" Seeds, and how much superior Adams' Seeds must be to the ordinary farm-grown sort.

In the main building we have gone down deep and builded strong. Steel-reinforced concrete posts support the structure. Fire protection is assured by fire walls shutting off various departments from the neighboring ones. Eight ventilators running from the basement to the top floor keep the air throughout the entire structure clean, dry and free from dust. An interior telephone system gives every part of the new building and our warehouses quick communication with every other part, which facilitates work and conduces to better service.

Starting at the basement, we come first to our big coal bunkers, holding an ample supply of fuel for a whole season's needs. A vapor heating plant of the most modern type supplies the heat for the building and adjoining this are storage bins where seeds that need to be constantly in a warm temperature are kept. Then comes our Screenings Room, where re-separation takes place, each separation being kept entirely apart from every other. Back of this are six receiving bins—32 feet deep with ample capacity for the immense quantity of grass seeds and seed grains we handle.

Now for the first floor, and here we'll follow the natural course of the seed through the house. This is unloaded from a cement platform in the rear, weighed on our 10,000 lb. Automatic Fairbanks Scale and dumped into the self-emptying receiving bins through floor chutes. These six bins hold 2000 bushels each. An elevator leg runs from the basement bins to the fourth floor where there is a battery of storage bins. Our big specially built electric cleaning machines are installed midway in the first floor. In the installation of these we have embodied many new and original ideas of our own which enable us to do more efficient work and get higher percentages of purity in the seeds we sell. The cleaning mills are all motor driven, rheostats on the motors automatically stopping the mill in case it gets out of order, and thus safeguarding the finished product.

In the front part of the first floor of the main building is our retail seed store, where farmers and gardeners come for quality seeds from all over Winneshiek County, and many of them from miles beyond. This store is a model of its kind, equipped for quick and accurate service. Adjoining it are the private offices of our President and Secretary, Burton H. and Walter C. Adams.

Our main offices and accounting department, under the direction of our Secretary, J. W. Boyers, occupy light and spacious quarters at the front of the second floor. Modern office appliances, equipment and sys-

tems combine here to keep all your transactions with us on the businesslike basis that promotes prompt service and genuine satisfaction.

The rear of the second floor is occupied by another battery of cleaning mills to which seed can be spouted instantly from any of the self-emptying storage bins. All screenings are spouted to the screening room in the basement. These mills will clean 12 carloads of seed a week. Nearby the seed is sacked by movable sackers, bags are sewed, and filled bags are weighed on an automatic scale after sewing.

On the third floor is our modernly equipped Garden and Flower Seed Mail and Express Order Department and the private office of our Vice-President, Frank W. Maas, in charge of the Garden and Flower Seed Department.

On the third floor, also, is our Testing Laboratory, whose wonderfully efficient testers and thorough and accurate record systems contain the secret of the remarkable germination tests and remarkable yields shown by Adams' Seeds. Tests are made on every lot of field seed we buy or sell, and the records of these tests are filed with the lot number so that they can be referred to instantly should occasion to do so arise.

In a model "Print Shop" adjoining the Testing Laboratory, price sheets, circular letters, etc., will be turned out on multigraph machines and mail addressed by an addressograph. Stationery, old record files, catalogs, etc., are kept in the next room. At the back of this floor is our Garden Seed Surplus Stock Room.

The fourth floor of the new building contains our Distributing Room, from which by means of an elevator head seed is distributed to the various bins.

In addition to the main plant, which we've just been "taking you through," we have big warehouses in which enormous quantities of seeds can be stored. This enables us to buy the right kinds of seeds at the right time and save our customers money through purchasing and handling seeds under the most favorable conditions possible. We have just increased our storage facilities greatly by the purchase of a three-story warehouse adjoining our property, which we have remodeled to suit our ideas of up-to-date efficiency.

The whole establishment is run on efficiency lines. The people who work in it are experienced in the jobs they have to perform and have been taught to look out for the interests of our customers.

The equipment we have put into our plant and warehouses is the best that money can buy and includes a number of features of our own origination, used nowhere else, which contribute wonderfully to making Adams' Seeds and Adams' service better than you can obtain elsewhere.

You can see for yourself what it means to you to buy seeds from a house which has such a plant and such standards as The Adams Seed Company. You cannot help but realize that our immense stocks, our highly specialized cleaning and testing machinery and our advanced methods of doing business are bound to result in better seeds, bigger values and surer satisfaction to all our patrons.



**PENCIL POD
BLACK WAX
DWARF BEANS.**
Packet, 10c.

**BURPEE'S
IMPROVED
BUSH LIMA.**

**BRITTLE WAX
DWARF BEANS.**
Packet, 15c.

4 of the
**BEST
DWARF
BEANS**



**STRINGLESS GREEN POD
DWARF BEANS.**
Packet, 10c.

**IMPROVED EARLY BLOOD
TURNIP BEET.**
Packet, 15c.

**ADAMS EASTERN GROWN
BEET SEED**

We are proud of our select strains of every variety of beet. The two illustrated here are especially pure stocks of these famous varieties.

**CRIMSON
GLOBE BEET**
Enough for 15 ft.
Packet, 15c.

Do not fail to start an asparagus bed this spring! It will last years. It will produce a bigger money value from the same space in your garden than from almost anything else.

For quick crop, plant **ASPARAGUS ROOTS**, 2-year-old stock. One dozen postpaid, 45c. Express (not prepaid), 50 for 90c; 100 for \$1.50.

*Alphasagwa
Crimson Globe Beet
White. Packet 10¢*

Your Vegetable Garden

We are here to help you have a good one. Not only to see that your seed grows, but that it produces vegetables of good quality, true to description, and in abundance. "Seed Service" is what we are in business for—not merely "Seed Sales." Give service, and anyone's sales will naturally multiply in proportion to that service.

Here Is That Much-Talked-of "ADAMS GUARANTEE"

Some seedsmen who do not guarantee their seeds don't like us because we CAN and DO guarantee ours. But "we should worry." What our customers think is all we care about, and this guarantee proves it.

We exercise great care in growing, selecting, sorting, recleaning, grading and testing ADAMS CERTAIN SEEDS and fully guarantee them as follows:

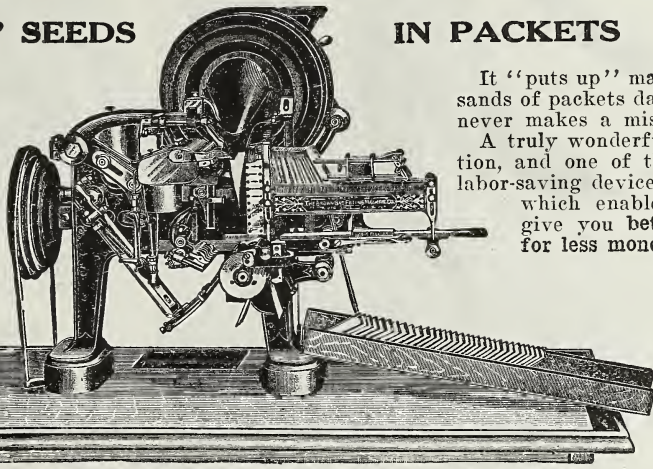
We guarantee the purity and germination of our vegetable and flower Seeds, Bulbs and Plants, to the full amount of the purchase price, and will replace, free of charge, or refund the purchase price, any time within the year, of any such as have proven unsatisfactory.

Since success in gardening or farming depends largely upon soil, cultivation, climate and other conditions beyond our control, and because of the possibility of error, we give no warranty, express or implied (except as stated above) as to description, quality, productiveness, or any other matter of any Seeds, Bulbs or Plants, we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the seeds on these terms and conditions, they are to be returned at once and the money that has been paid for them will be refunded.

ALL VEGETABLE SEEDS ARE POST-PAID unless clearly stated otherwise.

"PUTTING-UP" SEEDS

This little machine measures the exact quantity for each packet, opens the packet with fingers, inserts the seed, seals the packet, delivers them to a basket and counts the number of packets filled.



IN PACKETS

It "puts up" many thousands of packets daily—and never makes a mistake.

A truly wonderful invention, and one of the many labor-saving devices we use which enables us to give you better seed for less money.

ASPARAGUS

A packet is $\frac{1}{4}$ oz., enough for 15 feet. Barr's Mammoth. Considered one of the very best of all because it is so large, has close, round heads and but few scales, but not as early as others. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c, postpaid.

Columbian Mammoth White. A sport from Conover's Colossal. A splendid variety. Requires but little, if any, blanching. Highly recommended for home gardens. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c, postpaid.

Conover's Colossal. This sort is one of the largest and most extensively used green varieties. Shoots bright green, sometimes tinged with purple at the top, very tender and of good quality. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c, postpaid.

Palmetto. A very early maturing and prolific variety, producing an abundance of very large, deep green shoots of the best quality. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c, postpaid.

ASPARAGUS PLANTS—See Prices on Colored Page Illustration of Asparagus.

BROCCOLI The heads resemble somewhat a coarse cauliflower, and the culture is the same in all essentials as for that vegetable. Broccoli is well adapted only to those sections where the season is long, cool and rather moist. One of the most valuable features is that it withstands greater extremes of temperature than cauliflower.

White Cape. This is considered the best sort for most sections. The plants are very hardy, vigorous and easily grown. The heads are white, compact, hard and of good quality. Pkt. ($\frac{1}{8}$ oz.) 10c; oz. 50c, post-paid. Purple Cape. Pkt. ($\frac{1}{8}$ oz.) 10c; oz. 50c, post-paid.

BRUSSELS SPROUTS

LONG ISLAND IMPROVED

A vegetable botanically belonging to the Brassica group, which is a native of the British Isles and the West channel coast of Europe. It is a vegetable which has been under cultivation for several hundred years. It is grown for the globular buds or sprouts produced along the stout upright stem. The plant while in its seedling stage closely resembles ordinary cabbage. The axillary buds, instead of remaining dormant, as in the case of the common cabbage, develop into miniature heads very similar to the cabbage, being about one inch in diameter. Several varieties of Brussels Sprouts are offered, but there is really only one general type. It is more a matter of the perfection of the seed stock and of the culture than of actual difference in variety. The chief variations are in length of stalk and in the manner in which the sprouts are distributed along the stalk. Our strain having been grown on Long Island, is sold under the name of Long Island Improved, this being a common trade name in this country. They form a delicious vegetable, and we strongly urge all our customers to consider their cultivation in a larger way. The culture of the vegetable is very similar to that of late cabbage. Care should be taken to break down the lower leaves in the early fall, in order that the small heads will have more room to grow. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. 85c; post-paid.

Two other varieties which we can supply of foreign growth:

Cart's Perfection. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. 85c, post-paid.

Paris Market. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. 85c, post-paid.

BEANS WAX POD DWARF OR BUSH



Improved Golden Wax Dwarf Beans

HODSON WAX

50 days. The plants of this late maturing variety are exceedingly vigorous, hardy and productive. It is rust resistant and is becoming popular with shippers. This variety is very well adapted for market gardening purposes on account of its vigor of growth, productiveness, handsome pods and freedom from bean diseases. The pods are handsome, clear creamy white, very long, about six to seven inches, straight or slightly curved, flat but fleshy and of good quality. They are crisp and tender if picked when quite young. Pkt. (2 oz.) 10c; ½ lb. 25c; lb. 40c, postpaid.

PROLIFIC DWARF BLACK WAX

42 days. This improved strain of Black Wax we offer under this name is exceptionally productive, very hardy, reliable and of the best quality. It is very extensively used for snaps for the home garden and market. The plants are medium sized, erect in growth, with small foliage, very vigorous, early intermediate in season with longer bearing period than most sorts. The pods are of medium length, four and one-fourth to four and one-half inches, borne well up from the ground, curved, cylindrical and fleshy. They are of a clear, light golden yellow color and remain a long time in condition for use as snaps. Seed small, oblong, jet black. Pkt. (2 oz.) 10c; ½ lb. 25c; lb. 40c, postpaid.

CURRIE'S RUST-PROOF WAX

40 days. One of the most largely grown wax beans for all general purposes. The plant reaches a height of about fourteen inches. The pods are about six inches long, very straight, flat-oval in cross section, uniformly six-seeded, bright yellow in color, decidedly stringy, coarse-grained and of rather poor quality. It is not recommended for home garden planting. Pkt. (2 oz.) 10c; ½ lb. 25c; lb. 40c, postpaid.

BRITTLE WAX

The earliest of all wax beans. This is unquestionably the best early variety for home gardens. We so highly recommend it that we are not going to burden you with a long explanation of it. Pkt. (2 oz.) 15c; ½ lb. 40c; lb. 60c, postpaid.

ROUND-POD KIDNEY WAX

40 days. The plant will grow to a height of about fifteen inches, producing long curved, round, yellow pods, extremely brittle and absolutely stringless. Excellent quality. Pkt. (2 oz.) 10c; ½ lb. 25c; lb. 40c, postpaid.

WARDWELL'S KIDNEY WAX

45 days. The plants will attain a growth of about fourteen inches. The pods are about six inches long, slightly curved, flat, six-seeded, clear yellow, almost stringless and of very fair quality. Pkt. (2 oz.) 10c; ½ lb. 25c; lb. 45c, postpaid.

IMPROVED GOLDEN WAX

40 days. This improved variety differs from the old Golden Wax in that the pods are slightly stouter, flatter, straighter and longer-pointed, the dry seeds being marked with brownish spots rather than purple. The season is about the same. The plant will develop to about twelve inches in height. The pods are five to six seeded, stringless and of very fair quality. The picking season is rather short. A recommended variety for home or market garden. Pkt. (2 oz.) 5c; ½ lb. 20c; lb. 30c, postpaid.

PENCIL POD BLACK WAX

45 days. A selection of Black Wax improved. The plant will attain a height of fourteen inches, but is a vigorous grower, and is not susceptible to disease as other wax-podded sorts. The pods attain a length of six inches, are slender, curved near the tip, rounded, seven-seeded, very clear yellow, absolutely stringless, very brittle, fine-grained and of excellent quality. This variety is highly recommended for all purposes where the quality of the edible product is a consideration. Pkt. (2 oz.) 10c; ½ lb. 25c; lb. 40c, postpaid.

DAVIS' KIDNEY WAX

40 days. This bean resembles the Currie's Rust-Proof more than any other variety. The plants attain a height of about fifteen inches and are quite susceptible to disease. Pods are seven inches long, very uniformly straight, flat, six or seven-seeded, clear, bright yellow color, stringy, fibrous and of fair quality, but very attractive. This is primarily a market variety, but if gathered while young would, no doubt, prove satisfactory for the home garden. Pkt. (2 oz.) 10c; ½ lb. 25c; lb. 40c, postpaid.

MICHIGAN WHITE WAX

40 days. This splendid variety is one of the earliest dwarf snap beans. It is white-seeded Golden Wax bean of the original Golden Wax quality. It is a vigorous and very productive garden variety. The pods are abundantly produced and are uniform in size and color, which is a very attractive light golden yellow. They are four and one-half to five inches long, comparatively broad, meaty and of the same superior quality as our Golden Wax. It is a most desirable home garden, market and canning sort. Pkt. (2 oz.) 10c; ½ lb. 25c; lb. 40c, postpaid.

REFUGEE WAX

45 days. The stock we offer is very productive, early and of superior quality. The plants are very vigorous and branching. The pods are four to five inches long, thick, fleshy, round, stringless and wax-like, being of a clear, light yellow color. Pkt. (2 oz.) 5c; ½ lb. 20c; lb. 30c, postpaid.

BEANS GREEN POD DWARF OR BUSH

PACKETS of Dwarf Beans Contain 2 oz.,
Enough for Ten Feet.

ADAMS EXTRA EARLY IMPROVED RED VALENTINE

42 days. A variety in cultivation in this country since 1845. Until 1870, however, the type was flat podded. Earliness is the feature of this variety. The pods are slightly smaller than Black Valentine, round, lighter in color, curved, somewhat stringy, but of good quality if gathered when young. We have a very superior strain which we grow in Idaho. Pkt. (2 oz.) 5c; ½ lb. 20c; lb. 30c, postpaid.

BLACK VALENTINE (Roi des Noirs)

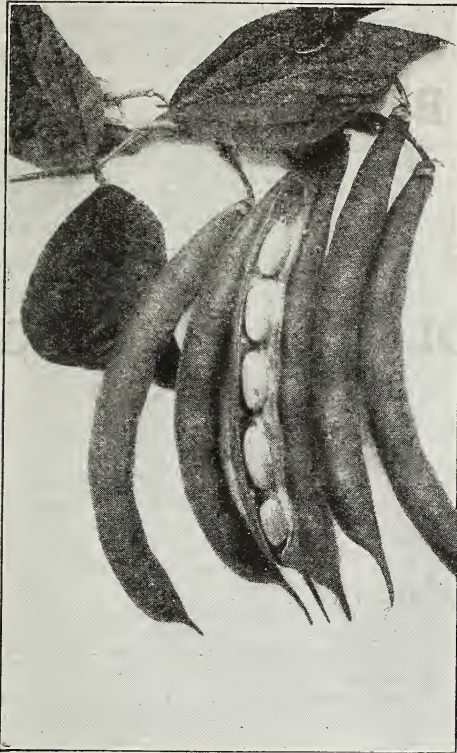
40 days. A well-known and extensively grown bean, especially in the South. In habit of growth it closely resembles Red Valentine, except that the character of the pod is very different. Because of its general characteristics, it is excellent for shipping purposes. It is not a stringless variety, and is, therefore, not recommended for home garden use. Pkt. (2 oz.) 15c; ½ lb. 40c; lb. 60c, postpaid.

BOUNTIFUL

45 days. The plant reaches a height of about sixteen inches. The pods are over six inches long, slightly curved, flat, very light green in color, stringless, seven-seeded and very attractive. This variety is a universal favorite because of its general good qualities. Pkt. (2 oz.) 10c; ½ lb. 25c; lb. 40c, postpaid.

BURPEE'S STRINGLESS GREEN-POD

42 days. The plant will grow to a height of from twelve to fifteen inches, is very erect and productive. The pods will average five inches in length and are somewhat curved and constricted between the beans. They are strictly stringless, tender, fine grained, of good quality and uniformly six-seeded. Dry seeds, are of a dark brown color. Pkt. (2 oz.) 10c; ½ lb. 25c; lb. 40c, post-paid.



Adams Strain Extra Early Red Valentine Dwarf Beans

GIANT STRINGLESS GREEN-POD

45 days. From its cultivation it has been a favorite for home garden and market purposes. A heavy bearer and can perhaps be picked in one-third the time of any other sort. The bearing period is comparatively short. The pods are about six inches in length, slightly curved, dark green in color, brittle and absolutely stringless. This variety is not recommended for low ground, as the pods sometimes weigh down the plant and the beans rest on the ground, thus causing them to become spotted. Pkt. (2 oz.) 10c; ½ lb. 25c; lb. 40c, postpaid.

LONGFELLOW

Similar to Black Valentine. Good for canning; medium early; pods about 6 inches long. Pkt. (2 oz.) 10c; ½ lb. 25c; lb. 40c, post-paid.

LATE REFUGEE (Thousand-to-One)

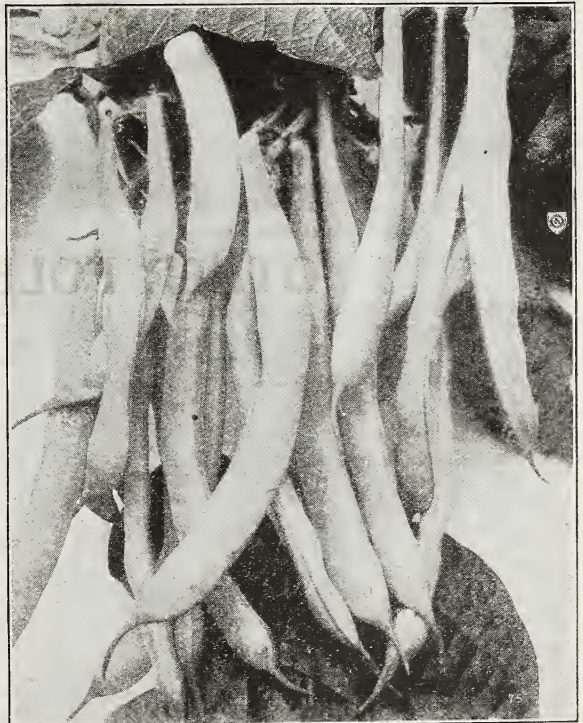
60 days. Not especially recommended for Northern planting. Pods about five inches long. They are round, slightly curved, six-seeded, light green in color and slightly stringy. Extensively used for canning. Considered more productive than the Extra Early Refugee. Pkt. (2 oz.) 5c; ½ lb. 20c; lb. 30c, post-paid.

EXTRA EARLY REFUGEE

Very hardy and good for Northern planting. Early, but only fair quality. Pkt. (2 oz.) 10c; ½ lb. 25c; lb. 40c; post-paid.

LONG YELLOW SIX WEEKS

Another hardy variety. One of the earliest. Pkt. (2 oz.) 5c; ½ lb. 20c; lb. 30c, post-paid.



Bountiful Dwarf Beans

Cultural Directions are not printed in our Catalog, but are published separately in circulars. FREE on request.

"**SAY IT WITH FLOWERS**" to Your Children; to Dad

SHELL BEANS

Dwarf Horticultural. 75 days. One of the best dwarf sorts for green shell beans for the home garden and market and can be used early as a green podded snap bean. Pkt. (2 oz.) 5c; ½ lb. 20c; lb. 30c, postpaid.

Large White Marrow. 60 days. A choice family sort both for green shells and dry beans. Seed large,

ovoid, clear white; cooking very dry and mealy. Pkt. (2 oz.) 5c; ½ lb. 20c; lb. 30c, postpaid.

Navy, or Boston Small Pea Bean. The "Navy Bean" we all know so well. Pkt. (2 oz.) 5c; ½ lb. 20c; lb. 25c, postpaid.

Red Kidney. Pkt. (2 oz.) 5c; ½ lb. 20c; lb. 30c, postpaid.

BUSH LIMA BEANS

Burpee's Bush Lima. 65 days. A popular variety, growing only 18 to 20 inches high. Very productive, of excellent quality. Pkt. (2 oz.) 8c; ½ lb. 25c; lb. 35c, postpaid.

Burpee's Improved Bush Lima. 65 days. Excellent flavored beans, borne on large vigorous plants. Extremely prolific, hanging in enormous clusters. Pods contain from four to six beans of greenish white color. Pkt. (2 oz.) 10c; ½ lb. 25c; lb. 40c, postpaid.

Fordhook Bush Lima. 60 days. This is of an ideal bushy growth with stiffly erect stem and branches. It is an enormous bearer of plump well-filled pods which are borne in clusters of four to six, all ready for use at the same time. The beans are large, thick, and most excellent quality. Pkt. (2 oz.) 10c; ½ lb. 25c; lb. 40c, postpaid.

Henderson's Bush Lima (Sieva). 65 days. Very early, small seeded variety. Pkt. (2 oz.) 8c; ½ lb. 25c; lb. 35c, postpaid.

POLE OR RUNNING LIMA BEANS

King of the Garden. 90 days. The vines of this standard pole lima are very vigorous and productive. The pods are medium dark green, very large, five to six inches long, broad, flat, filled with four or five very large white beans of finest quality. On account of its large pods it is a favorite with market gardeners. It will come into bearing earlier and make larger pods if not more than two vines are left to grow on a pole. Seed very large, ovoid, flat, white, with slight greenish tinge. Pkt. (2 oz.) 10c; ½ lb. 25c; lb. 40c, postpaid.

Large White Lima. 85 days. This well known large pole lima variety is too late for the extreme North. The pods are borne in clusters and are five to five and one-half inches long, broad, very thin and are of medium green color. Seed very large. Pkt. (2 oz.) 8c; ½ lb. 25c; lb. 35c, postpaid.

Sieva (Small Lima). 75 days. This very early and reliable small seeded pole lima is especially adapted for planting in the South. Most generally known "butter bean" in the South. Pkt. (2 oz.) 8c; ½ lb. 25c; lb. 35c, postpaid.

Dreer's Improved (Challenger). 85 days. This variety is similar to the older Dreer's Pole Lima, differing only in that the pods are slightly larger and more often five-seeded. Because of these facts, it has entirely replaced that variety. It is very productive throwing pods four inches in length, broad, straight, flat, six-seeded and dark grayish green. Green-shell beans are medium in size, light green color and of excellent quality. Pkt. (2 oz.) 10c; ½ lb. 25c; lb. 40c, postpaid.



King of the Garden Lima

OTHER POLE BEANS

White Kentucky Wonder (Burger's Green Pod). 65 days. A later introduction than the original Kentucky Wonder, and has proven to be more satisfactory for general purposes as a green-podded climbing bean; extensively grown in the Mid-West. They are only slightly stringy. The flesh is tender, brittle and moderately fine-grained. The dried bean is white. Pkt. (2 oz.) 10c; ½ lb. 25c; lb. 40c, postpaid.

Early Golden Cluster Wax. 72 days. This is the most popular wax-podded pole bean of this class. It is a good climber and the vines are very compact, vigorous and hardy, being only slightly susceptible to disease. Golden Cluster is very productive. The pods will average seven inches in length. They are very straight, flat-creased, eight-seeded, light waxy yellow, somewhat stringy, but very brittle and fine-grained. We believe this to be the best of the wax-podded pole bean class. Pkt. (2 oz.) 10c; ½ lb. 25c; lb. 40c, postpaid.

White Dutch Case Knife. The vines of this well known green-podded kidney bean for green shell use are of good climbing habit, but twining rather loosely and may be used for a corn hill sort of medium season. Pkt. (2 oz.) 5c; ½ lb. 20c; lb. 30c, postpaid.

Horticultural Pole (Cranberry). Pkt. (2 oz.) 10c; ½ lb. 25c; lb. 40c, postpaid.

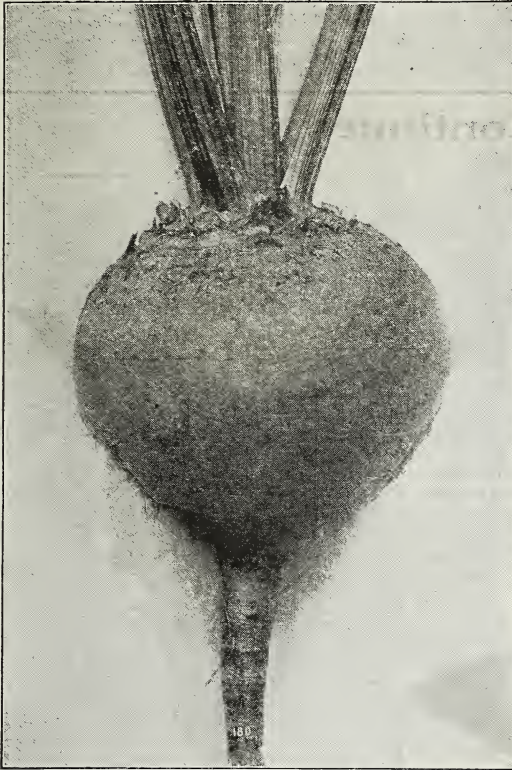
Kentucky Wonder (Old Homestead). Still a favorite in many sections; seed brown. Pkt. (2 oz.) 5c; ½ lb. 20c; lb. 30c, postpaid.

Kentucky Wonder Wax. 65 days. This vigorous wax-podded pole bean is very similar to the green-podded Kentucky Wonder, but the pods are a little broader. Its earliness and hardness commend this as a pole bean well adapted even for northern latitudes. Pkt. (2 oz.) 10c; ½ lb. 25c; lb. 40c, postpaid.

Lazy Wife. 70 days. One of the best of the later green-podded pole beans for snaps or green shell use. The dry beans are excellent for winter use. The seed is white, medium size, slightly oval or nearly round. Pkt. (2 oz.) 10c; ½ lb. 25c; lb. 40c, postpaid.

Red Speckled Cut Short (Corn Hill). This extensively cultivated, green-podded, climbing sort, with red speckled, oval seed, is used largely in the South for planting among corn. It will give a good crop without the use of poles. Pkt. (2 oz.) 5c; ½ lb. 20c; lb. 30c, postpaid.

White Creaseback. This green-podded, white-seeded creaseback variety is valuable for its extreme earliness and its habit of perfecting all of its pods within a short time. They are of the best quality as snaps for home use and stand shipping better than most sorts. Seed small, oval, white and are considered by many to be of very superior quality for baking. Pkt. (2 oz.) 10c; ½ lb. 25c; lb. 40c, postpaid.



Edmand's Blood Turnip Beet

CRIMSON GLOBE

50 days. A remarkably excellent table beet. Second early, and does not grow large and coarse. Very dark in color; sweet and tender. Our seed is an extra select strain. Pkt. 15c; oz. 25c; ¼ lb. 45c; lb. \$1.50, post-paid.

CROSBY'S EGYPTIAN

45 days. Perhaps the most largely used beet for the early season operations by all classes of planters. The top is small, the root is turnip shaped, of fine quality, deep blood-red color and develops rapidly. For all general purposes it will prove more satisfactory than Early Flat Egyptian, inasmuch as it will be in condition for use just as early and will not become woody and tasteless so quickly. It may be sown outside as late as July. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.00, post-paid.

DETROIT DARK RED

45 days. One of the most universally planted varieties for all purposes. The shape is almost globe. As one-third of the root grows above ground, a somewhat rough texture develops on the surface of the beet thus exposed. In spite of this, the variety is extensively grown as a home and commercial garden sort and for use by canners. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.00, post-paid.

EARLY BLOOD TURNIP (Improved)

50 days. An extra selected stock of Blood Turnip, having larger, coarser tops and root than Detroit Dark Red and requiring a longer time to mature. The roots are dark red and nearly round or slightly flattened. The flesh is deep red, zoned with lighter shade, sweet, crisp and tender. This is an excellent market and home garden sort for summer and autumn use. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c, post-paid.

EARLY MODEL

45 days. Very good forcing variety and for home gardens. Tops are small. Roots are smooth and of excellent quality. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.00, post-paid.

ECLIPSE

50 days One of the established early varieties. The root is round, slightly top-shaped, bright red in color and about two and one-quarter inches in diameter. The interior color is bright red, zoned with pinkish white. Pkt. 10c; oz. 15c; ¼ lb. 30c; lb. 80c, post-paid.

EDMAND'S BLOOD TURNIP

50 days. A medium early variety. The root is turnip-shaped, dark blood red in color, with lighter red zones. The texture of the beet is not coarse, nor does it attain large size. The flavor is sweet and the flesh tender. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. 90c, post-paid.

EXTRA EARLY EGYPTIAN

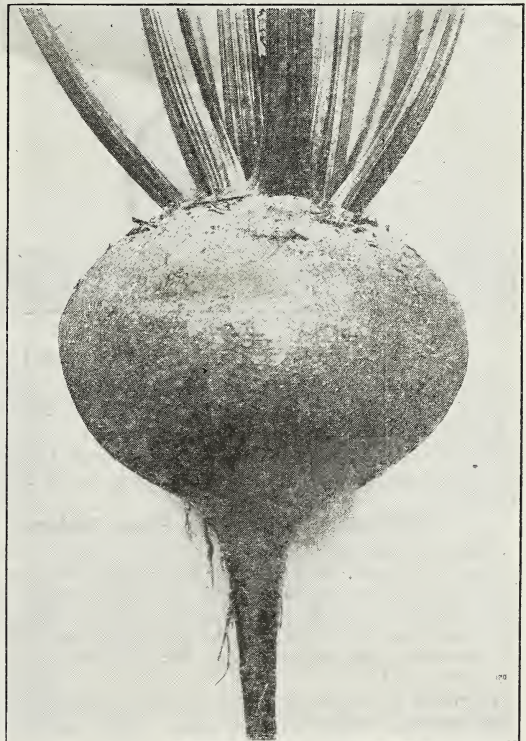
40 days. This is the best variety for forcing. It is also excellent for first early crop outdoors, being very early, with small tops. The leaves are dark green, shaded and veined with dark red. The roots are very dark red, moderately thick, a little rounded on top, distinctly flat on the bottom and about two inches in diameter when mature. The flesh is dark purplish red, zoned lighter shade; firm, crisp and tender. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 85c, post-paid.

HALF LONG BLOOD

65 days. A half long, deep red beet. By far the best variety for winter and spring use. It is excellent to slice for pickles. The tops are very upright with exceptionally smooth leaves. The roots are deep red, sweet and tender. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. 90c, post-paid.

LONG SMOOTH BLOOD

60 days. One of the oldest English varieties. It is recommended for fall and winter use. Will develop to at least six inches in length, and is of excellent quality. The color is a rich blood red with no contrasting zone colors. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c, post-paid.



Crosby's Egyptian Beet

Days Required for Vegetables to Reach Maturity

For your convenience we have placed after the name of many varieties of vegetables the approximate number of days required from seed sowing for that variety to reach the state when it is ready for harvest and market. These figures are based upon tests made in our own locality under average growing conditions, and it should be borne in mind that as climate, rainfall, soil and location all have so much to do with crop production, the number of days given will vary with different conditions. Some vegetables are large enough to be eaten before actually reaching maturity. This reduces the number of days in some instances. Where we omit the number of days entirely we do not want to commit ourselves until our tests are completed this year.

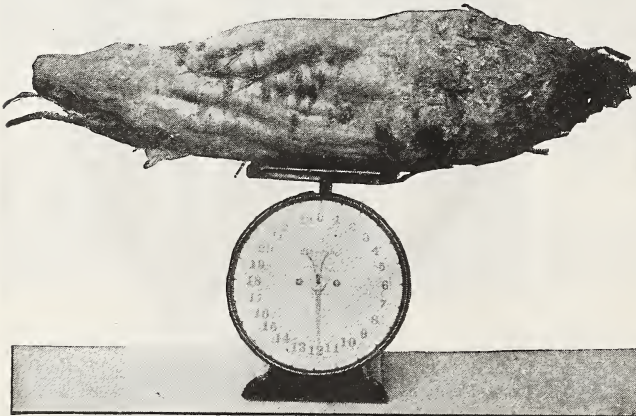
BEETS—Continued

MANGEL WURZEL BEETS (For Stock Feeding)

Giant Sludstrup. A long, reddish-yellow, ovoid root, growing more than half above ground; easy to harvest; exceeds any other variety in weight and feeding value. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 50c, post-paid.

Golden Tankard. The tops are comparatively small, with the leaf stalks and veins distinctly tinged with yellow. The neck is small. The roots are large, ovoid, but with bottom usually of larger diameter than top; light gray above ground, deep orange below. The flesh is yellow, zoned with white. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 50c, post-paid.

Long Red Mammoth Prize (Norbiton Giant). The roots are very large, uniformly straight and well formed and comparatively thicker than the common sort. The flesh is white, tinged with rose. This strain under careful culture is enormously productive. Our stock will produce the largest and finest roots which can be grown for feeding stock and is vastly superior to many strains offered under other names, such as Colossal, Monarch, etc. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 50c, post-paid.



Norbiton Giant—12 lbs.

SUGAR BEETS (For Stock Feeding)

Giant Half-Sugar Rose. Oval shaped; skin rose colored, flesh white. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 60c, post-paid.

Lane's Imperial Sugar (White French). Very productive; handsome strain; skin rose colored below ground, gray or bronze on top. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 60c, post-paid.

SUGAR BEETS (For Sugar Making)

Klein Wanzleben. The roots are a little larger than Vilmorin's Improved and a little hardier and easier grown. The tops are rather large and the leaves slightly waved. This sort often yields under careful culture from twelve to eighteen tons per acre. It is probably the best sort for the experimenter to use. Pkt. 5c; oz. 15c; ¼ lb. 25c; lb. 65c, post-paid.

Vilmorin's Improved. One of the richest sorts in sugar content. The tops are of medium size, with smooth, bright green leaves. The roots are of medium size, with white flesh, and often yield from ten to sixteen tons per acre. Pkt. 5c; oz. 15c; ¼ lb. 25c; lb. 65c, post-paid.



SWISS CHARD (Lucullus)

One of the most satisfactory varieties for home or commercial cultivation. As shown in the illustration, it will attain a height of about fifteen inches. Cultivation of chard is quite simple under normal conditions and we highly recommend it for every home garden. The strain we offer is broad-stemmed with beautiful yellowish-green leaves, highly attractive and of the finest quality. Pkt. 10c; oz. 15c; ¼ lb. 25c; lb. 65c, post-paid.

No expense is spared to produce the best seeds that are possible to grow. Every safeguard surrounds the growing, harvesting, and distribution of Adams Seeds and for that reason the conditions of Adams guaranty are unqualified. Any one who is not thoroughly satisfied with the products raised can have his money back any time within the year. This guarantee protects all who plant vegetable seeds from Adams.

ADAMS "CERTAIN" CABBAGE

The fundamental principle to success in growing any seed crop, whether it be for garden or field, is explained in one word, "Selection," without which it is impossible to obtain stock seed of the trueness to type to produce that dependable and uniform quality of seed which the trade requires. This applies perhaps more forcibly to Cabbage culture than any other crop. After the planting stock has been secured, the next essentials are suitable land, the right climatic conditions and reliable growers. The Adams Seed Co.'s Cabbage Seed is nearly all grown in the Puget Sound country, where the climatic and soil conditions are perfect. Our seed stock has been carefully "selected" and placed in the hands of the most reliable growers. A few varieties are grown in Denmark. We can therefore assure you that Adams Cabbage Seed is certain to grow, certain to produce hard heads, true to type—and certain to be free from disease.

A packet contains 1-6 ounce, enough for about 500 plants.

EARLIEST OBLONG OR POINTED-HEAD VARIETIES



EARLY JERSEY WAKEFIELD CABBAGE

90 days. The most popular extra early variety. Very solid heads, comparatively small, but you get them very early. Quality is excellent. We offer the best strain grown in the U. S. Pkt. 10c; oz. 30c; ¼ lb. \$1.00; ½ lb. \$1.75; lb. \$3.25, postpaid.

CHARLESTON LARGE WAKEFIELD

95 days. The head of Charleston is considerably larger than Early Jersey Wakefield and for this reason is more usually grown for commercial purposes than the latter. The five extra days before it reaches maturity are in no way a handicap. Given the same number of days, Charleston Wakefield will produce a larger head than Early Jersey Wakefield. The general shape of the head is thicker through and not so sharply pointed. Pkt. 10c; oz. 30c; ¼ lb. \$1.00; ½ lb. \$1.75; lb. \$3.25, postpaid.

EARLY WINNIGSTADT

100 days. This is a compact, sharply pointed cabbage, which, because of the texture of its outer leaves, is less likely to suffer from disease and insects than some other varieties. It is sometimes planted for winter use and recommended for kraut. While there is considerable demand still for this cabbage, it has been largely outplacced by Charleston Wakefield and by Copenhagen Market. Pkt. 5c; oz. 25c; ¼ lb. 85c; ½ lb. \$1.60; lb. \$2.85, postpaid.

Extra Early Express. 82 days. Pointed hard heads. Even earlier than Early Jersey Wakefield, but not as good a variety. Pkt. 5c; oz. 25c; ¼ lb. 85c; lb. \$2.75, postpaid.

EARLY FLAT AND ROUND-HEAD VARIETIES

ALL SEASONS

95 days. A desirable large cabbage; adapted for autumn as well as late summer use, and considered one of the most desirable for kraut. Sometimes sold as Vandergaw. Pkt. 10c; oz. 30c; ¼ lb. 90c; ½ lb. \$1.65; lb. \$3.00, postpaid.

COPENHAGEN MARKET

95 days. A cabbage of Danish origin, being a hybrid between Danish Summer Ballhead and a North European variety introduced by Hjalmar Hartmann & Co., of Copenhagen, in 1909 and offered in America in 1912. In the few years that this cabbage has been on the market it has earned an enviable position, both commercially and privately. The head will be almost perfectly round, hard, solid, and the fact that it is as early as Charleston Wakefield almost places it in a class by itself. The tonnage per acre will be far ahead of any sorts in its class. We do not advise it for fall sowing in the North, but as a spring variety we know of no rival. Pkt. 10c; oz. 35c; ¼ lb. \$1.25; ½ lb. \$2.25; lb. \$4.00, postpaid.

GLORY OF ENKHUIZEN

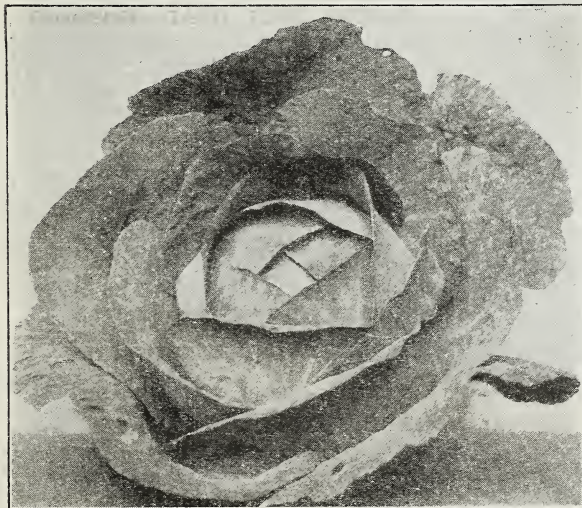
300 days. Slightly smaller than Copenhagen Market and slightly later. The fact that it is a very good keeper will no doubt always give it a place among American varieties. The head is slightly elongated, although nearly round, solid and of excellent quality. The crisp, tender leaves of Glory of Enkhuizen will sometimes be slightly curled and twisted, and this will be found typical of all true stocks of this variety. Pkt. 10c; oz. 35c; ¼ lb. \$1.25; ½ lb. \$2.25; lb. \$4.00, postpaid.

ALL HEAD EARLY (The Faultless)

105 days. Of the flat types of cabbage, this we believe to be the earliest. It has a very deep-set head, which increases the tonnage per acre very appreciably. As a second early home garden variety it is highly recommended, and may also be used for storage in winter by planting later in the season. Pkt. 10c; oz. 35c; ¼ lb. \$1.00; ½ lb. \$1.75; lb. \$3.15, postpaid.

EARLY SUMMER

110 days. The heads are large, solid, flat and of excellent quality. Its color is a bluish green. Pkt. 10c; oz. 30c; ¼ lb. \$1.00; ½ lb. \$1.75; lb. \$3.25, postpaid.



All Head Early Cabbage. (The Faultless.)

It's a good year to change your seed stock. Try Adams

EARLY FLAT AND ROUND HEAD CABBAGE—Continued

FOTTLER'S IMPROVED BRUNSWICK

This very short stemmed flat cabbage is one of the very best and most extensively used second early or intermediate sorts. It is especially adapted for the home garden. The plants are of dwarf and compact but strong. Pkt. 10c; oz. 30c; ¼ lb. 90c; ½ lb. \$1.65; lb. \$3.00, post-paid.

SUCCESSION

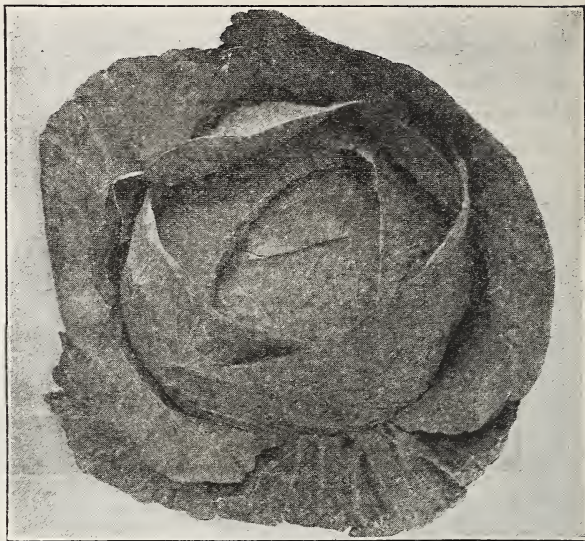
110 days. A variety remarkable for its resistance to hot sun and dry weather. The fact that it remains two or three weeks without breaking also recommends it as an important variety. It may be sown either as a late cabbage or for fall use. The heads are round but slightly flattened. Pkt. 10c; oz. 30c; ¼ lb. 90c; ½ lb. \$1.65; lb. \$3.00, post-paid.

VOLGA (Early Stonehead)

115 days. A Russian cabbage. The heads are round, compact, light grayish green and will average ten inches in diameter. Volga is not only a successful winter keeper but as a spring cabbage for Southern planting, has been known to give excellent results. Pkt. 10c; oz. 30c; ¼ lb. \$1.00; ½ lb. \$1.85; lb. \$3.50, post-paid.

EXCELLENT FOR KRAUT

All Seasons. All Head Early. Copenhagen Market. Early Winnigstadt. Why not make your own "kraut"? It's easy, and you know it's clean.



Early Dwarf Flat Dutch

EARLY DWARF FLAT DUTCH

110 days. One of the oldest types grown in this country. Plant is short-stemmed, upright, with a few outer leaves; consequently the rows can be set close together. This in itself recommends it as a home garden variety. The heads are round but flattened, very solid and uniform. Pkt. 5c; oz. 25c; ¼ lb. 75c; ½ lb. \$1.35; lb. \$2.50, postpaid.



Danish Ball Head (Hollander)

LATE FLAT DUTCH

120 days. A Dutch Cabbage frequently listed as Premium Flat Dutch. It has a large-sized, hard head, slightly rounded. For many years very popular with market gardeners on account of its high yielding qualities. Pkt. 5c; oz. 25c; ¼ lb. 75c; ½ lb. \$1.40; lb. \$2.75, post-paid.

SUREHEAD

120 days. One of the most reliable main crop or late cabbages for northern latitudes, being very hardy and exceptionally sure heading. In some sections this is used largely as a late home market cabbage and for shipping. Pkt. 10c; oz. 30c; ¼ lb. \$1.00; ½ lb. \$1.75; lb. \$3.10, post-paid.

SAVOY, AMERICAN

110 days. The stock we offer will prove to be true, the wrinkled savoyed leaves being uniform and of a deep green color. Market gardeners will find our stock dependable. Pkt. 10c; oz. 30c; ¼ lb. 90c; ½ lb. \$1.65; lb. \$3.00, post-paid.

LATE OR WINTER CABBAGE

AUTUMN KING OR WORLD BEATER

125 days. Probably the largest of all. Very late and requires strong, rich soil. Pkt. 10c; oz. 35c; ¼ lb. \$1.00; ½ lb. \$2.00; lb. \$3.25, postpaid.

LARGE LATE DRUMHEAD

This is considered by many as the standard, very large cabbage for home garden and market. Pkt. 5c; oz. 25c; ¼ lb. 75c; ½ lb. \$1.40; lb. \$2.75; post-paid.

DANISH BALL HEAD (Hollander)

120 days. This variety is considered the standard cabbage for storage purposes and thousands of acres are grown in our northern states. The head is nearly round, solid, and of good quality. Its adaptability to soil conditions has no doubt added to its popularity. There are three different strains of Danish Ballhead, Long Stem, Medium Stem and Short Stem, the latter often being known as Danish Roundhead. In order to simplify matters with our trade, we have held to the original name of Danish Ballhead and used cabbage of the medium stem type. (We can also supply Short Stem seed if specified.) Pkt. 10c; oz. 35c; ¼ lb. \$1.25; ½ lb. \$2.10; lb. \$3.75, post-paid.

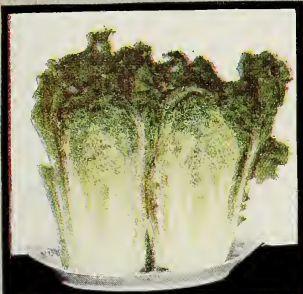
RED CABBAGE

EARLY DWARF BLOOD RED

100 days. Its name describes it fully. Pkt. 10c; oz. 30c; ¼ lb. 90c; ½ lb. \$1.65; lb. \$3.00, post-paid.

RED DANISH STONEHEAD

120 days. This cabbage is almost identical in every respect with Danish Ballhead except in its color. The head is very solid and the rich red color extends farther into the center of the head. Pkt. 10c; oz. 30c; ¼ lb. 90c; ½ lb. \$1.65; lb. \$3.00, post-paid.



CHINESE CABBAGE.
 "Paoting" (genuine Wong Bok).
 In justice to yourself, please
 don't send us an order without
 including a packet or two of
 this truly delicious vegetable.
 This is a new variety. Pkt., 10c.



CELERY.
 New Emperor.
 This will soon be more popular
 than any other variety for home
 gardens.
 Exceptionally rich, nutty
 flavor.

Packet, 15c.

Copenhagen Market
CABBAGE .Pkt.10¢



EGG PLANT.
 Black Beauty.
 Packet, 10c.



CUCUMBER
Klondike (Burrell's Own Seed).
Very hardy. Withstands unfavorable
weather conditions when others fail. Med-
ium early. Superior flavor.
Packet, 10c.



PEAS
DWARF
TELEPHONE
Adams
Improved
Strain
Packet, 10c.



CHANTENAY
CARROT.
Packet, 10c.

CHINESE CABBAGE *Chinese Celery Cabbage*

This exceptionally fine vegetable is of the cabbage family. In shape it is unlike any other familiar type of the cabbage family. Its habits of growth resemble Coslettuce. When the outside leaves are stripped away we see an appetizing picture of lettuce and celery combined, presenting a cool, crisp, inviting appearance well-nigh irresistible.

"Paoting" (genuine "Wong Bok"). Big, compact, tender and crisp; an excellent Wong Bok. We have found this to be absolutely the best firm-heading Chinese Cabbage to grow during the summer months. It will not scald or burn and will make a head when other varieties fail. It will produce a head of 15 pounds and will stand long before bolting to seed. It is excellent in quality, crisp, tender and brittle, with a fine celery flavor. It is vigorous and free from insects. Pkt. 10c; oz. 35c; ¼ lb. \$1.25; lb. \$4.00, postpaid.

"Peking" (genuine "Pe-Tsai"). The interior blanches creamy-white, crisp and delicious and of that desirable rich celery flavor. It produces successfully throughout the year and is considered one of the best late fall and winter Pe-Tsai. It is a good keeper and shipper, and its attractive appearance and fine quality make it one of the best sellers. We can say without exaggeration that this is the finest Pe-Tsai in existence today; whether for medium early, main crop or late use. Pkt. 10c; oz. 30c; ¼ lb. \$1.10; lb. \$3.50, postpaid.

CARROTS *Are Very Nourishing for Both Man and Beast* *Our Packets Contain One-Fourth Ounce. Enough for 12 to 15 Feet.*



Improved Long Orange

CHANTENAY HALF LONG (The Model)

65 days. Chantenay may be considered the standard carrot for all general purposes. It is nearly two weeks earlier than Danvers Half Long, and is slightly shorter and more stump-rooted than that variety. Its average length will be four and one-half inches, tapering slightly from well-set shoulders. The surface is smooth and a deep orange color, the flesh very crisp and tender, a much desired sort where quality is considered. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.00, post-paid.

DANVERS HALF LONG ORANGE

80 days. A second early carrot, which is adaptable to varying soil conditions. The color is a rich, deep orange, and the quality of the roots is excellent. Danvers Half Long is also very desirable for stock feeding, inasmuch as it will produce a large tonnage per acre. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c, post-paid.

EARLY SCARLET (Short Horn)

55 days. A forcing carrot and for outdoor cultivation in the early spring. It must be gathered immediately on maturity. The roots will attain a length of about three inches. They are reddish orange in color, and the tops are small. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 85c, post-paid.

EARLY FRENCH FORCING (Golden Ball)

50 days. Also known as Earliest Short Horn. The roots are small and very nearly round in shape, while the tops are small. The interior is dark orange in color. This variety is excellent for forcing. Our strain is grown for us in France. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.10, post-paid.

"CREAMED" CARROTS AND PEAS

Do you know how delicious and wholesome they are? We should all eat more carrots. They are very healthful and everyone knows of the nutritive value of "June" Peas. Carrots and peas, stewed together, properly seasoned, and a rich cream gravy, is a dish you should serve at least once a week.

IMPROVED LONG ORANGE

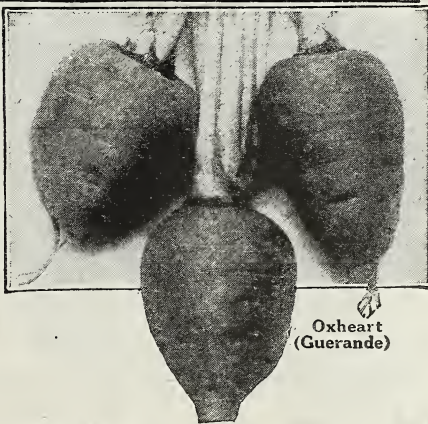
78 days. The color is a deep golden yellow, even in the early stages of its growth, shading to a deep orange red when fully grown. The surface of the root is very smooth over its entire length, which will average over seven inches. This variety is particularly recommended for light, well-tilled soil, and care should be taken to prepare the ground deeper than for any of the other varieties that we offer. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c, post-paid.

OXHEART (Guerande)

80 days. The roots will attain a length of about three and one-half inches, and at the thickest point will average at least three inches in diameter. It is a very desirable variety for hard, stiff soils, because of the ease with which it may be harvested. The flesh is a deep orange and of splendid quality when pulled during the earlier stages of growth. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 85c, post-paid.

HALF LONG SCARLET NANTES

65 days. This extensively used half long early variety has small tops and is excellent for the market or home garden. The roots are cylindrical, smooth and of a bright orange color. The flesh is orange, becoming yellow in the center, but very tender throughout. This variety is of the finest quality and is one of the most symmetrical and handsome of the medium-sized sorts. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.10; postpaid.



Oxheart (Guerande)

CARROTS FOR STOCK FEEDING

IMPROVED SHORT WHITE

One of the very best field carrots because of its enormous productiveness and the ease with which it can be harvested. The roots are half long, seven to nine inches in length, smooth, very heavy at the shoulder, but tapering regularly to the point. The color is creamy white with light green crown. The flesh is white, solid, crisp and of excellent quality for stock feeding. Pkt. 5c; oz. 10c; ¼ lb. 25c; ½ lb. 35c; lb. 65c, postpaid.

LARGE WHITE BELGIAN

A Great Producer

Attains a length of one foot. Flesh and skin white. Producing its crop of handsome large roots in 90 days. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 65c, postpaid.

LARGE YELLOW BELGIAN

Enormous Yielder

This is the giant among carrots and produces an immense quantity of pale yellow roots in 90 days. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 65c, postpaid.



Golden Self-Blanching Celery

CELERIAC (TURNIP-ROOTED CELERY)

The roots may be cooked or used as salad.
Large Early Erfurt. A large, smooth variety and an excellent keeper; select stock, almost round. Pkt., 10c; oz., 30c; ¼ lb., \$1.00; lb., \$3.00; postpaid.

COLLARDS

(Packet contains ¼ oz.)

True Georgia. This is the white or green-stemmed variety growing two to three feet high and forming a large, loose, open head or cluster of leaves with a rather long stem. A frost, if not too severe, will improve rather than injure the quality of the leaves. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; postpaid.

HERBS

Anise. Has fragrant seeds, which are used for medicinal purposes as an aromatic to overcome nausea, colic, etc., also frequently used for putting into bread. In addition the leaves are used for flavoring and garnishing. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.00; postpaid.

Caraway. The leaves and young shoots are sometimes eaten, but the plant is generally grown for its seeds, which are used for flavoring rye bread and in making cheese. Also used in flavoring sauces. Pkt. 10c; oz. 20c; ¼ lb., 60c; lb., \$1.50; postpaid.

Dill. In its general appearance the plant resembles common fennel. The seeds are used as a condiment and for pickling. Occasionally used for flavoring preserves. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25; postpaid.

Horhound. The leaves are used occasionally for seasoning, but horhound is one of the main ingredients in cough syrup and cough drops. Pkt., 10c; oz., 30c; ¼ lb., \$1.00; lb., \$3.00; postpaid.

Marjoram (Sweet). The leaves are used for seasoning and for medicinal drinks, while the blossoms are used for perfuming toilet waters. Pkt., 10c; oz., 30c; ¼ lb., \$1.00; lb., \$3.00; postpaid.

Sage. The leaves are used for medicinal purposes and for seasoning a wide variety of dishes. Sage cheese is well known in this country. Pkt., 10c; oz., 30c; ¼ lb., \$1.00; lb., \$3.00; postpaid.

Savory (Summer). The leaves and young shoots are used for flavoring dressings and soups. Pkt., 10c; oz., 90c; ¼ lb., \$3.00; lb., \$9.00; postpaid.

Thyme. The leaves and young shoots are used for seasoning while green, or may be dried and used for the same purpose. Thyme tea is used for curing headache. Pkt., 10c; oz., 25c; ¼ lb., 90c; lb., \$2.50; postpaid.

CELERY

Good for the "Nerves"—they say. Anyway, Celery is mighty fine eating—and not hard to grow as some people mistakenly think.
Emperor (New). A quality variety—almost in a class by itself for flavor and brittleness. It is dwarf in type (hence easier to blanch than taller kinds), second early and a good winter keeper. The stems are round (not moon-shaped), a distinguishing characteristic. Bred especially for freedom from hollow stalks. If you grow celery be sure and plant this for quality. Pkt., 15c; oz., 50c; ¼ lb., \$1.50; 1 lb., \$5.00, postpaid.

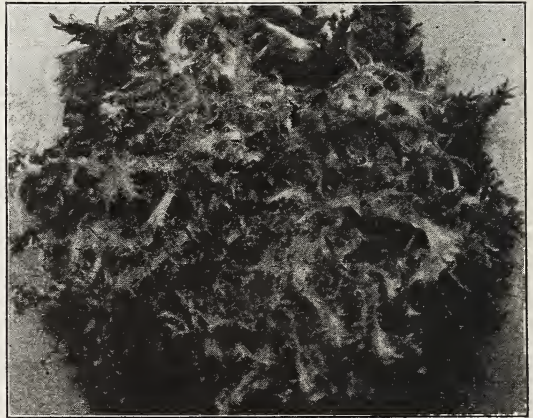
Golden Self-Blanching. (American Grown from French Stock.) 120 days. A variety which for thirty-five years has held its place as one of the greatest importance to celery growers. It is an early maturing sort, with good keeping qualities, holding well after Thanksgiving Day. The stalk is vigorous, with large ribs, closely set. The general size of the plant may be described as large, and in general makeup it is stocky and robust. It is entirely self-blanching, without any banking up or covering whatever. The heart is a beautiful golden yellow, and is of splendid quality. Pkt., 10c; oz., 60c; ¼ lb., \$2.25; lb., \$7.50, postpaid.

French Grown Seed. Pkt., 15c; oz., \$1.00; ¼ lb., \$3.50; lb., \$10.00, postpaid.

Giant Pascal. 145 days. A standard fall and winter variety, but not recommended for shipment, owing to its tender stalks. This fact, however, recommends it highly as a home garden variety. The stalk is of medium length, and blanches to a beautiful creamy white color, very thick and nearly round at the top but flattened toward the base. Pkt., 5c; oz., 20c; ¼ lb., 75c; lb., \$2.50, postpaid.

White Plume. 120 days. This celery is primarily for the early markets, but not recommended for home garden planting. It has a beautiful appearance but is of rather poor eating quality. It is much more slender in general growth and form than the Golden Self-Blanching. Pkt., 10c; oz., 30c; ¼ lb., \$1.00; lb., \$3.60; postpaid.

Celery (for seasoning). This is not suitable for blanching, but the seed is sown thickly in rows. The tops grow very rapidly and furnish a succession of cuttings throughout the season. Stalks are cut when three or four inches high for use as flavoring for soups or stews. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.00, postpaid.



Giant Fringed Endive

ENDIVE a Delicious Salad

(Also Very Attractive for Garnishment)

Broad-Leaved Batavian (Escarolle). 100 days. The heads of this variety will be slightly smaller in diameter than the others which we carry. The leaves are toothed at the edges and more or less twisted, but they are not finely cut as are Green and White Curled. The inner leaves are wonderfully tender and crisp, making a most delicious salad. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50; postpaid.

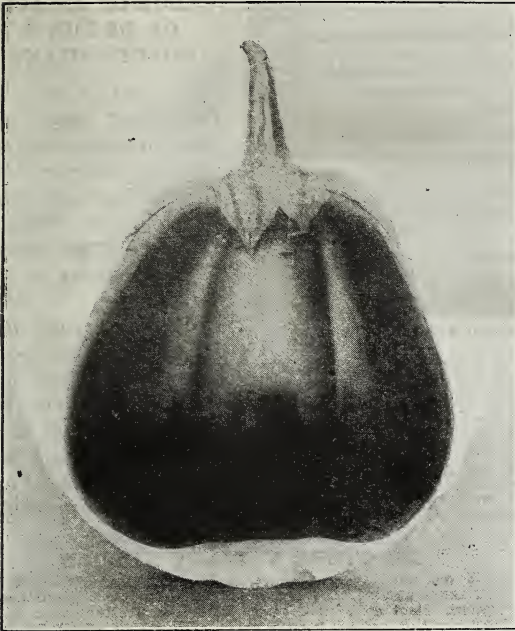
Green Curled Winter. 100 days. The rosette head will average fifteen inches across. It is beautifully cut and divided, which, with its rich dark-green color, gives it a beautiful appearance. The center blanches very rapidly. This sort is thought highly of for home garden or market use and is used largely for salad. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.35; postpaid.

White Curled. 100 days. The very light yellowish color of the outer leaves, which rapidly blanch to an attractive creamy white, distinguishes this variety from the Green Curled. The heads will average fifteen inches across and will prove of excellent eating quality. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25; postpaid.

Giant Fringed. 100 days. Broad leaves, with large, white heart. Strong grower. Very popular. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50, postpaid.

EGG PLANT

PACKET CONTAINS $\frac{1}{8}$ OZ.
IMPROVED N. Y. SPINELESS



140 days. It will produce matured fruit about two weeks after Black Beauty. The outside color is considerably lighter than the Black Beauty and the shape, as shown in the illustration, is quite different, the blossom end being much flatter and the whole effect more triangular than globe shaped. Pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.40; lb. \$5.00, postpaid.

BLACK BEAUTY

125 days. This variety is very prolific bearing well rounded fruits almost egg-shaped. They will average eight inches in length. The color is a rich dark purplish black. Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.60; lb. \$5.50, postpaid.



LEEK

BROAD AMERICAN FLAG

A desirable strong growing, broad leaved leek, hardy and productive. It is a favorite with many market gardeners and is also extensively used for the home garden. The blanched stems and leaves are used as a flavoring for soup, boiled like asparagus or eaten raw.

Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.00, postpaid.

SET OF

GARDEN MARKERS
Free With Every \$1.00 Order

KOHL RABI

Very delicious, peeled and boiled like turn-p. Packet contains $\frac{1}{8}$ oz.



EARLY WHITE VIENNA

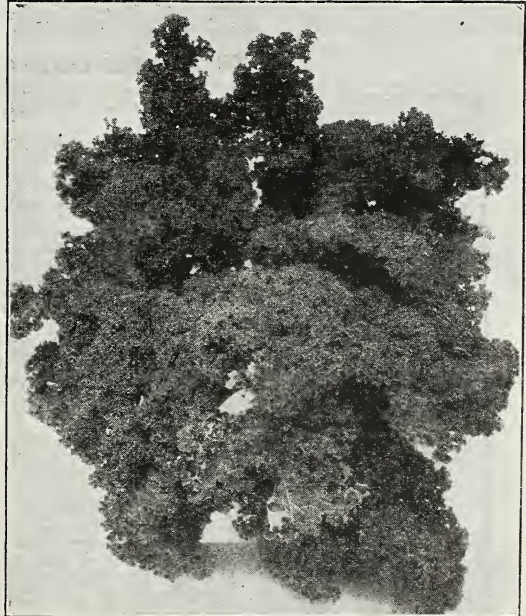
50 days. An old variety, no doubt originating in Austria. The color is a beautiful light green, and as will be noted, this variety is much earlier in season than the Purple Vienna. It should be pulled for the table when about two and one-half inches in diameter. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.00, postpaid.

PURPLE VIENNA

70 days. A variety of newer introduction than the Early White Vienna. Purple Vienna will take two to three weeks longer in maturing, and it is a coarser growing variety. The color is a bluish purple. Plants are taller and generally larger, thus requiring more room between them. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00, postpaid.

KALE or Borecole

PACKET CONTAINS $\frac{1}{8}$ OZ.



DWARF CURLED SCOTCH

55 days. In quality, the best kale under cultivation. For boiling "greens." Tastes like spinach. A finely curled, low-growing variety of spreading heads and very hardy. This variety is sometimes used for garnishing, inasmuch as the leaves are a beautiful bright green color. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.25, postpaid.

TALL CURLED SCOTCH

Same as above, except in height, which is 3 feet. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.25, postpaid.

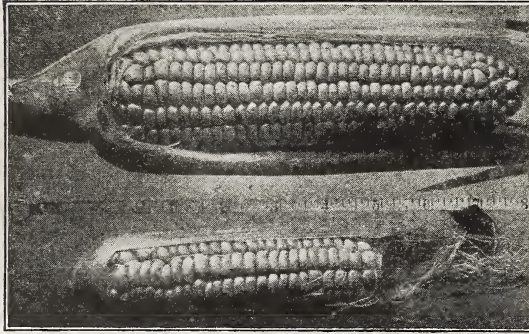
Kale can be left out in the open all winter long without protection.

DeLue's Golden Giant Sweet Corn

ITS RECORD

In 1916 awarded the only medal given for sweet corn by the Massachusetts Horticultural Society in nearly 100 years, and each succeeding year since then it has been awarded first prize by the same society. In 1920 it won first prize and sweepstakes for best single ear at the corn show of the Massachusetts Department of Agriculture. In 1921 it won first prize, sweepstakes and medal for best ten ears at the corn show of the above department. Illustrations on back cover of this catalog.

"The Sweetest Sweet Corn on Earth"—E. B. W., Coshen, Ind.



Showing its large size compared with Golden Bantam.

DeLue's Golden Giant excels all other early varieties in size, productiveness and quality, and all of the late varieties in quality and early maturity. It is the one corn for the market gardener who wants the greatest amount of the highest quality corn in the shortest period of time from the smallest piece of land. It is because of the extreme tenderness, combined with the exquisite rich sugary flavor, that the Golden Giant has become the standard of perfection for sugar corn, and when you consider that its admirers report that it is one or two weeks earlier and two or three times as large as its own parent, the Golden Bantam, of better quality, deeper color and more productive, you may be sure that it has well earned the title of "The New Master of the Fields."

VALUE OF AN ACRE OF DE LUE'S GOLDEN GIANT

If planted in rows three feet apart, and so as to stand one foot apart in the row, one should have, at the very lowest estimate, 14,700 marketable ears, if only one ear to the stalk. If sold at retail it never brings less than 60 cents per dozen ears. Thus one will receive for his 1,225 dozen ears \$735—the product of one acre, and twice this production is probable.

LONG SEASON AND HARDY

"I tried the corn last year and had quite good results. It might interest you to know that we had green corn from the stalk for our Xmas and New Year's dinners. We left enough standing for the purpose. This shows the hardness of your corn. Through all our exceptionally wet winter it never rotted, but kept on maturing."—G. J. H., San Francisco, Calif.

NO OTHER VARIETY NEEDED

If you want the best and only the best all you have to do for early, medium, and late sweet corn is to plant the DeLue's Golden Giant every week or ten days from the time when both the air and ground become warm until within 65 or 70 days of killing frost.

MAKE THE EXPERIENCE OF OTHERS YOUR OWN

"Golden Giant is all that could be wished or looked for in sweet corn."—C. A. S., Grand Rapids, Mich.

"Golden Giant sweet corn is a vast improvement on the popular Golden Bantam."—Rural New Yorker.

"Golden Giant was very fine and satisfactory—was about two weeks earlier than Golden Bantam."—H. F. M., Chicago, Ill.

"While I have grown and tested different kinds of sweet corn, this is entirely in a class by itself."—M. J. L., Spokane, Wash.

"The stalks of the first ounce are growing very fast—some are over six inches in height, which is fine when you consider that it is sticking out of the three inches of snow which is covering the ground this morning."—F. S. S., Denver, Colo.

"Golden Giant is the most satisfactory sweet corn we ever raised. The ears are very well protected by a thick husk, so that it was the least bothered by worms of any of the sweet corn we ever have grown. Two different stalks had eight ears each."—F. I. G., Savannah, Ga.

"I can't speak too highly in praise of this corn (Golden Giant). I have raised several kinds of corn, but they can't compete."—J. T., Hamburg, N. Y.

"The corn raised last year from seed you sent me was the best by far I ever raised. It has far better and larger ears than Golden Bantam or any other in this market."—C. A. W., Seattle, Wash.

"I planted an ounce of your DeLue's Golden Giant sweet corn, which proved eminently satisfactory. I think it a much better corn in every respect than the Golden Bantam."—A. M., Winnipeg, Can.

"I have been using your Golden Giant corn for three years and last year planted it in three different sections, notably one pound in North Carolina, where the results were phenomenal."—G. Wm. L. (New York), North Carolina.

"I had some of your Golden Giant and sent the same to England. The report came back that it was the most satisfactory corn they ever raised from American seed. They said it did not seem to need very hot weather to ripen, because the ears were perfectly filled out and the corn delicious."—A. F. L. (Providence, R. I.), England."

"You have made a distinct and valuable addition to the wealth of all our gardens."—O. J. F., Littleton, Mass.

"I am glad to get the originator's seed and be assured as to genuineness and quality."—A. H., Williamsburg, Mass.

"I will give you orders for anything you may sell, as I take it for granted all your seeds are good."—L. K. M., Boontown, N. J.



Stalk Showing Five Ears.



Showing Two Perfect Ears.

2 ounces, 25 cents; 4 ounces, 40 cents (enough for 150 hills); 1 pound, \$1.00, postage paid.

25 pounds, \$10.00; 50 pounds, (one bushel), \$18.00, by express, your expense.

Our seed was grown by Mr. DeLue, the originator, himself. Beware of imitations and untrue stock.

Packets Contain 1½ Oz., Enough for 15 to 25 Hills.

EARLY VARIETIES

Golden Bantam (Adams Extra Select.) About 60 days. The smaller ear illustrated on the back cover of this catalog is Golden Bantam.

A Gem for the Small Garden. A Small Ear of Remarkable Quality. One of the sweetest sugar corns grown. Golden Bantam is a dwarf medium-early variety of exceptionally good quality and reliability. It is rapidly becoming one of the most popular varieties in our list. While the individual plant and ear are small, it may be planted so much closer than the larger-earred sorts, so that the net product from a given area is about the same as of ordinary sorts. The plant is about 5 feet high, medium early, but of exceptionally good quality. In all respects it is a gem—in size of plant, ear and grain. It is particularly well adapted to small gardens, on account of its small size; to the more pretentious garden on account of its excessive cropping ability on a given area, and to all because of its superb quality and delicious, satisfying flavor. It may be planted to advantage in hills three feet apart each way. If in rows, they should be three feet apart, and the plants standing singly at nine-inch intervals. It is probably the best to use where only one sort is planted, for it succeeds admirably under all conditions. Pkt. 10c; ½ lb. 25c; lb. 40, postpaid.

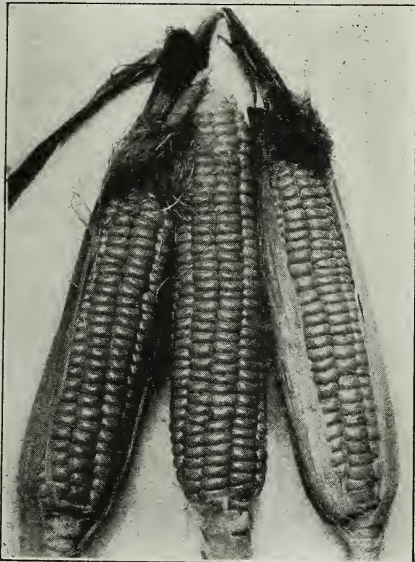
Adams' Extra Early (65 to 60 days). Very early and used extensively for a first early table corn in the South. This is an extremely hardy variety which can be grown closer together than most sorts. Pkt. 5c; ½ lb. 20c; lb. 30c, postpaid.

Cory, Early White Cob (about 62 days). A desirable all-purpose early variety, with small ears. Pkt. 5c; ½ lb. 20c; lb. 30c, postpaid.

Cory, Early Red Cob (about 63 days). Red grain and cob. Pkt. 5c; ½ lb. 20c; lb. 30c, postpaid.

Cory, Mammoth White (about 65 days). We consider this one of the best extra early corn for the market and home garden. The ears are very large for so early a variety and the quality excellent. Pkt. 5c; ½ lb. 20c; lb. 30c, postpaid.

Peep O'Day (about 65 days). Originating in the far North, this variety is therefore extremely early in maturing. Besides this very important feature, it is a "Sweet Corn" in the true sense of the word, being remarkably sweet and tender. The stalks



Golden Bantam. Adams' Extra Select Strain.

grow about three and one-half feet high, and are usually very prolific, producing from two to five ears each, which measure about five inches in length and are well filled. Pkt. 10c; ½ lb. 20c; lb. 35c, postpaid.

SECOND EARLY VARIETIES

Crosby (about 65 days). A most excellent early variety of fine quality. This variety is desirable for the home garden and market. Pkt. 5c; ½ lb. 20c; lb. 30c, postpaid.

Howling Mob (about 65 days). Large thick ears. A very unusually good variety. Pkt. 10c; ½ lb. 25c; lb. 35c, postpaid.

Kendel's Giant (about 65 days). Remarkably large in ear for a second early sort and extensively grown in some localities for the market. The grain is white, rather broad and shallow, the quality very good. Pkt. 5c; ½ lb. 20c; lb. 30c, postpaid.

Early Minnesota (about 65 days). This deservedly popular variety is one of the best second early sorts for the market and the home garden. The ears are about eight inches long, eight rowed; kernels very broad, white, sweet and tender, not shrinking much in drying. Pkt. 5c; ½ lb. 20c; lb. 30c, postpaid.

MEDIUM EARLY VARIETIES

Perry's Hybrid (about 66 days). Very productive. Often pink or red cob. Pkt. 5c; ½ lb. 20c; lb. 30c, postpaid.

Improved Black Mexican (about 70 days). This corn, when very young, cooks remarkably white, but the ripe grain is bluish black. For home use we consider it the best medium early sort where tenderness and sweetness are the qualities most desired. It does especially well as a second early variety in the South. Pkt. 10c; ½ lb. 25c; lb. 35c, postpaid.

Bantam Evergreen (about 70 days). A larger ear than Golden Bantam, but very much later. Pkt. 10c; ½ lb. 25c; lb. 35c, postpaid.

Early Evergreen (about 70 days). This excellent sort has proven its merit as the best evergreen strain that is distinctly earlier than Stowell's. The strain we offer has, to a remarkable degree, all the qualities that have made Stowell's Evergreen the leading main crop sweet corn for so long a time. Pkt. 5c; ½ lb. 20c; lb. 30c, postpaid.



Bantam Evergreen.

We will quote by letter special prices on large quantities of Sweet Corn.

SWEET CORN MAIN CROP AND LATE VARIETIES

COUNTRY GENTLEMAN—(SHOE PEG)

About 75 days. Because of its sugar content it has been a favorite during the twenty-eight years since its introduction. As a main crop or late season variety, Country Gentleman is favored by all kinds of planters and is widely grown on contract for canning factories. Not advised for planting in Northern latitudes. Pkt. 5c; ½ lb. 20c; lb. 30c, postpaid.

WHITE EVERGREEN

About 75 days. Larger and broader ear than Stowell's Evergreen, and broader, white grain. Pkt. 5c; ½ lb. 20c; lb. 30c, postpaid.

STOWELL'S EVERGREEN

About 80 days. After nearly sixty years, although there have been many varying ideas as to the original type, Stowell's Evergreen is still commonly known as the standard late sweet corn for all purposes. The stalks will attain a height of over seven feet, bearing ears about eight inches long. Stowell's Evergreen has a heavy sugar content and is, therefore, very desirable as a table or canning variety. Owing to the length of its season, however, it must not be grown in the more Northerly latitudes. Pkt. 5c; ½ lb. 20c; lb. 30c, postpaid.

LATE MAMMOTH

About 85 days. This variety produces the largest ears of any sweet corn. It is noted for the immense size of the ears, which are often twelve inches long, but the grain is very white, sweet, tender and delicious. They are sixteen or eighteen rowed. The stalks are very large, about eight feet high. Pkt. 5c; ½ lb. 20c; lb. 30c, postpaid.

ZIG ZAG EVERGREEN

About 85 days. A fine, high quality variety. Pkt. 5c; ½ lb. 20c; lb. 30c, postpaid.

POP CORN

We Are Large Handlers of Pop Corn. Get Our Prices on Large Quantities by Letter.

WHITE RICE

About 80 days. A large, white, prolific variety probably more popular than any other. The ears average six inches long and kernels are slender and pointed, resembling rice grains. It pops pure white. Largely used for commercial purposes. Pkt. 5c; ½ lb. 10c; lb. 20c, postpaid.

QUEEN'S GOLDEN

A yellow corn which pops out a creamy white with unusually large grains. The ear is slightly larger than White Rice. The kernels are narrow but



The Best Strain in Existence of Stowell's Evergreen Sweet Corn.

rounded. The quality is excellent. Pkt. 5c; ½ lb. 25c; lb. 40c, postpaid.

DWARF HULLLESS—(JAPANESE HULLLESS)

About 65 days. Grows about 5 feet tall and bears two or three ears per stalk. Dries out quickly, and ready for popping soon after husking. Very popular because it is almost hullless, with no hard center when popped. Special prices on quantity for popping. Pkt. 5c; ½ lb. 20c; lb. 35c, postpaid.

CAULIFLOWER

A packet will produce about 200 plants

DANISH DRY WEATHER

110 days. Apparently there is a difference between this variety and Danish Giant, which is often used as a synonym. The name Danish Dry Weather was given it because of its adaptability to hot, dry growing conditions. It will very often prove successful in cases where all other varieties fail and we would especially recommend it for inland, more than two hundred miles from the seacoasts. Pkt. 15c; ½ oz. 50c; oz. \$3.00, postpaid.

EXTRA EARLY DWARF ERFURT

100 days. This is one of the four equally popular varieties which we offer, the seed of which is imported annually from Denmark. It is quite similar to Earliest Snowball, but will mature about one week later, and where the early market is not a consideration we would, perhaps, advise it in preference to Snowball. Pkt. 20c; ½ oz. 65c; oz. \$3.25, postpaid.

EARLY SNOWBALL

95 days. The earliest Cauliflower under cultivation and being a sure heading variety, it is well adapted for home cultivation and commercial purposes both in the greenhouse and outdoors. A large proportion of the Cauliflower on the commercial markets today is of this variety. The seed of this variety is obtained from most reliable sources in Denmark. Pkt. 20c; ½ oz. 75c; oz. \$3.50, postpaid.



Early Snowball Cauliflower

GIANT ALGIERS

120 days. A valuable, late sort, sure to head, of excellent quality and popular with market gardeners. The plant is large but of upright growth, the leaves protecting the heads so that they will endure uninjured, a frost that would ruin most other sorts. Pkt. 15c; ½ oz. 50c; oz. \$2.50, postpaid.

CUCUMBERS

Packet containing ¼ oz. Sufficient for 12 to 15 hills.

DAVIS PERFECT

60 days. The fruits of this variety will attain a length of ten inches. They are dark green in color; tender and highly suitable as a slicing variety. The vines are hardy and vigorous, and will continue to bear for a long period. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50, postpaid.

EARLY FORTUNE

60 days. One of the new strains of Cucumber. The fruits will average from seven to eight inches in length, are cylindrical, rather small seed cavity and thick through. They are of excellent quality for slicing. Pkt. 10c; oz. 20c; ¼ lb. 45c; lb. \$1.10, postpaid.

KLONDIKE

65 days. Introduced by Burrell, of Rocky Ford, and our seed grown by him. Klondike is later in maturity than Evergreen White Spine, but has been selected for a darker color. It has a tendency to hold its color for a longer period, which makes it a decided favorite with Southern growers for their long-distance Northern shipment. The fruits will average seven inches in length. They will taper at the blossom end and are rather blunt at the stem end. Pkt. 10c; oz. 20c; ¼ lb. 45c; lb. \$1.25, postpaid.

IMPROVED LONG GREEN

70 days. One of the original black spine varieties now extensively used for pickling. Fruits average ten to twelve inches long, color uniform dark green. Vines are vigorous and very productive. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50, postpaid.

WEST INDIAN GHERKIN

50 days. One of the oldest varieties known in America. A native of Jamaica. It is the smallest variety of Cucumber on the market and is in considerable demand for small pickles. We would call special attention to the fact that the seeds are rather difficult to germinate, sometimes requiring from two to three weeks, therefore, we would recommend a very carefully prepared seed bed. Pkt. 10c; oz. 20c; ¼ lb. 65c; lb. \$1.75, postpaid.

WHITE SPINE, ARLINGTON

60 days. A medium early white spined cucumber, more slender than Early White Spine and pointed at each end. The young fruits are crisp and tender. The mature fruits are bright deep green and are about seven inches in length, sometimes longer. This variety is extensively used for the home garden and for bulk pickles. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. 90c, postpaid.

WHITE SPINE, EXTRA LONG—(EVERGREEN)

60 days. It originated from a selection of the old White Spine, and received its name, owing to its habit of remaining a deep green color in all stages of growth. It is also slightly longer than the older variety, the fruits averaging seven inches in length. The outside color is a dark green showing some white stripes. The flesh is very tender and crisp, making an excellent slicing variety for which this sort is mostly used. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.25, postpaid.

WHITE SPINE, IMPROVED EARLY

60 days. One of the earliest and best known of the White Spines. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. 90c, postpaid.

WHITE SPINE, PEERLESS

60 days. Larger than the preceding. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. 90c, postpaid.

FOR PICKLING

BOSTON PICKLING—(GREEN PROLIFIC)

60 days. It is a black spine variety, perhaps more in use as a commercial pickling sort than any other. The fruits will average from five to six inches in length when fully developed. However, they are harvested at an earlier stage for most pickling operations. An early, heavy yielding variety. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.25, postpaid.

CHICAGO PICKLING—(WESTERFIELD)

60 days. This is a very prolific variety and one of the best for those who want crisp, coarsely spined pickles. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.25, postpaid.

EARLY GREEN CLUSTER

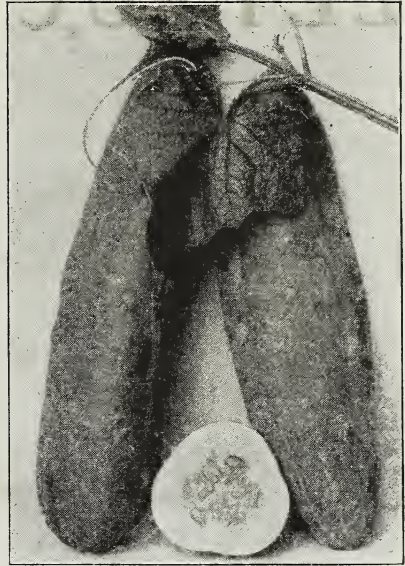
60 days. An early and very productive variety. This sort is planted in many sections for the home garden. It is extensively used for a pickling cucumber as well as for slicing. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.00, postpaid.

EARLY FRAME, OR SHORT GREEN

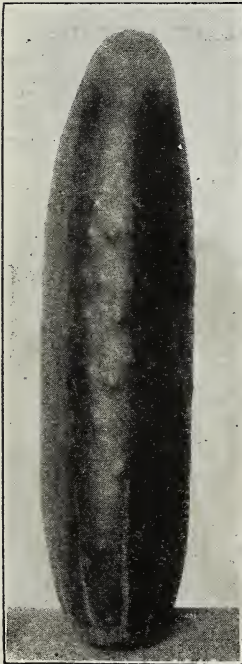
55 days. It is an early, bright green cucumber of medium size, very extensively used for slicing and pickling. The flesh is crisp and tender. The variety is extensively used for the home garden. Our stock is very superior. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.00, postpaid.

EXTRA EARLY RUSSIAN

50 days. The earliest, but small. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00, postpaid.



Extra Long White Spine (Evergreen).



Improved Long Green



Chicago Pickling Cucumber.

LETTUCE FOR EVERY GARDEN

For Use in Spring, Summer and Fall.

Sow several varieties at one time and sow them every month until Fall. Then you will have a continuous supply of various kinds every day for 6 months.

Adams Packets are large ones. Lettuce contains $\frac{1}{4}$ oz. Enough for 25 feet of drill.



WONDERFUL (NEW YORK)

See illustration to left.

We have a very superior improved strain of this popular variety—grown by an expert under our supervision and inspection.

87 days. One of the largest of the heading varieties, curled and crisp, dark green, and slightly curled at the edges. The head at first is pointed or conical, but at maturity becomes globular. Of good quality, being exceedingly crisp and sweet. Those who have had difficulty in growing well-formed heads of Lettuce try New York, but allow plenty of room between the individual plants. Seed is white. Packet, 15c; oz., 40c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00; postpaid.

MARKET GARDENERS AND TRUCKERS

We shall be glad to quote you wholesale prices upon receipt of letter stating what you need. You are assured of our seed being BETTER than the best of most others, by the bold guarantee we place on them—something which but few others dare do.

OTHER "HEAD" VARIETIES

ALL SEASONS

77 days. A "butter" variety, strictly cabbage-headed, large intermediate in season and slow to shoot to seed. Its ability to stand midsummer heat places it in a class by itself, and it is recommended for main-season planting in the place of all other varieties. Color is a light greenish, never spotted or brownish in any part. The quality is excellent, very sweet and soft, seeds black. Packet, 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.25; postpaid.

BIG BOSTON

45 days. Probably the most generally grown variety under cultivation, and listed by practically every American and European seedsman. In Europe it is usually called Trocadero Cabbage. Big Boston is a white-seeded cabbage-heading lettuce of the butter type, medium large, globular, medium light green. It is early and hardy and stands long-distance shipping. The head itself is brittle, buttery, and the interior almost a golden yellow. The mature plant will form a compact, well-defined hard head. The quality is very fair. Packet, 10c; oz., 25c; $\frac{1}{4}$ lb., 90c; lb., \$2.50; postpaid.

CALIFORNIA CREAM BUTTER

42 days. One of the desirable features of this variety is its long standing habit after maturity, holding almost twice the time of the Black Seed Tennis Ball. It is a cabbage butter head, with thick leaves, dark green, tinged with brown and spotted. The inside of the head is a rich golden yellow. The quality is excellent and, under satisfactory conditions, will form a solid head. California Cream Butter or Mammoth Salamander has made splendid easy money for large lettuce growers in many parts of the country. It is a highly recommended variety both for commercial and private planting and our strain will run to a high standard. Packet, 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.25; postpaid.

ICEBERG

82 days. It is a very crisp variety, loose cabbage in heading, late and very slow to shoot to seed. The head is extremely hard and well blanched, the leaves very completely and tightly overlapping each other. The color is light green, excepting for the faint brown tinge along the extreme border. The quality is good, crisp and firm, very sweet but not buttery in flavor. Packet, 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.00, postpaid.

MAY KING

42 days. It is one of the more recent introductions from Europe, a good heading sort of the butter type, medium small light green and tinged slightly with brown at the edges. In general appearance it resembles White-Seed Tennis Ball, but is distinct in being earlier and has less of the brown tinge. Packet, 10c; oz., 20c; $\frac{1}{4}$ lb., 70c; lb., \$2.25, postpaid.

TENNIS BALL, BLACK SEEDED

71 days. A very old European variety. Its wonderful quality is no doubt responsible for the many synonyms which have been attached to it. The color of the head is light green, but is not spotted or brownish as is the case with certain other heading varieties. It is a sure and reliable header and excellent shipper. Packet, 5c; oz., 15c; $\frac{1}{4}$ lb., 60c; lb., \$1.35; postpaid.



Wayahead.

ADAMS CERTAIN ONION SEED is noted among critical Onion raisers for its superiority in quality, yield, weight, shape, trueness to type, uniformity and small necks.

The three varieties pictured here are the three best for home gardens.

SOUTHPORT
White Globe.
Packet, 10c.

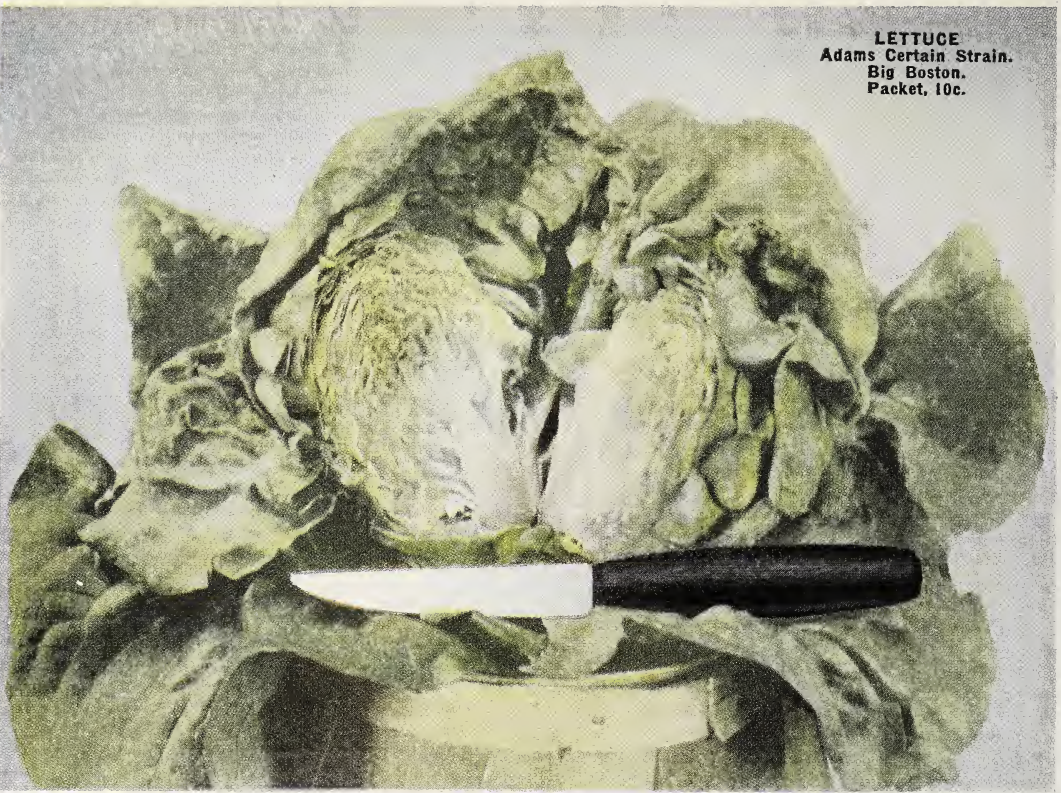
PRIZETAKEE,
Packet, 10c.

LARGE RED
WETHERSFIELD
Packet, 10c.

WATERMELON
Tom Watson.
Packet, 10c.



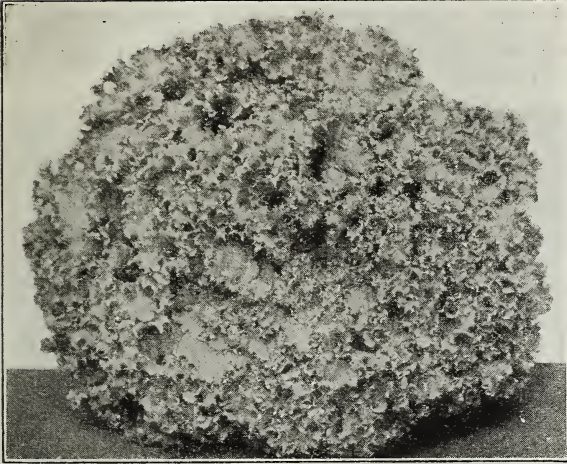
LETTUCE
Adams Certain Strain.
Big Boston.
Packet, 10c.



MUSK MELON
Rocky Ford.
Packet, 10c.



LETTUCE



Grand Rapids Lettuce.

DEACON (SAN FRANCISCO MARKET)

This is an excellent summer variety. The head is of large size, is very firm and remains in condition for use a long time. Seed white. Packet, 5c; oz., 15c; ¼ lb., 55c; lb., \$1.50; postpaid.

IMPROVED HANSON

45 days. One of the most desirable later summer lettuces. The plant is compact and forms a large, cabbage-like head which remains in condition longer than most heading sorts. This thin-leaved, curly, tight-heading sort is very extensively used for the kitchen garden as well as market. Seed white. Packet, 5c; oz., 15c; ¼ lb., 45c; lb., \$1.25; postpaid.

BURPEE'S WAYAHEAD

The earliest of the head varieties. Wayahead shows a remarkable combination of earliness, firm-heading character, handsome appearance, and fine quality. Both in cold frames early in the spring and in the open ground—in spring and late summer—it has proved to be not only the earliest and one of the surest heading varieties of all early lettuce, but also of the very finest quality throughout the season.

The heads of Wayahead are of large size and tightly folded. The outer leaves are light green, with the inner head finely blanched to a rich buttery yellow. Packet, 10c; oz., 20c; ¼ lb., 45c; lb., \$1.50; postpaid.

DENVER MARKET

Popular in certain markets only. Packet, 5c; oz., 15c; ¼ lb., 55c; lb., \$1.50, postpaid.

LARGE WHITE SUMMER CABBAGE

An old standard variety. Packet, 5c; oz., 15c; ¼ lb., 45c; lb., \$1.25; postpaid.

CURLED OR LOOSE-HEAD CUTTING VARIETIES

GRAND RAPIDS

38 days. As a lettuce for green-house forcing this variety undoubtedly stands at the head of the list, being of quick growth, hardy, little liable to rot and remaining in condition several days after being fit to cut. The leaves do not wilt quickly after cutting so that the variety will stand shipping long distances better than most sorts. It is a very attractive variety and is desirable for garnishing. Seed black. Packet, 5c; oz., 15c; ¼ lb., 45c; lb., \$1.25; postpaid.

PRIZE HEAD EARLY

50 days. A large lettuce, most excellent for the home garden and undoubtedly the most easily grown variety in cultivation. It is too tender, however, to stand shipping or handling on the market. The leaves are finely curled and crumbled, bright green tinged with brownish red, and are very crisp, tender and sweet. Packet 10c; oz., 20c; ¼ lb., 65c; lb., \$2.00, postpaid.

LET YOUR GARDEN PRODUCE FOR YOU THREE SEASONS

Not only one, as so many people do. Many vegetable seeds can be planted in succession every couple of weeks; from early spring until September. Thus giving you fresh vegetables three seasons instead of one. The last picking or pulling you store for late fall and winter use. LET US TELL YOU MORE ABOUT THIS.

COS, or Romaine Lettuce

TRIANON SELF-CLOSING COS (Paris White)

82 days. Strictly self-closing, comparatively late and very slow to shoot to seed. The plant is compact, blanched, firm head, round at the top with leaves not tightly overlapping one another. The color is a very dark green on the outside and well blanched on the inside. The quality is excellent. It is very hard in texture, but is exceedingly crisp and sweet, and is especially desirable for long-distance shipping or for prompt table use. Trianon Cos will make a delicious Romaine salad, and is a pleasing change from the soft, buttery varieties. Seed white. Packet, 10c; oz., 20c; ¼ lb., 65c; lb., \$2.00, postpaid.



Cos Lettuce.

EARLY CURLED SIMPSON

A very extensively used early loose-leaved, or clustering variety. The leaves are light green in color, slightly frilled and much blistered, crisp, sweet and tender. The sort is especially adapted for sowing thickly and cutting when the plants are young. Seed white. Packet, 5c; oz., 15c; ¼ lb., 45c; lb., \$1.25, postpaid.

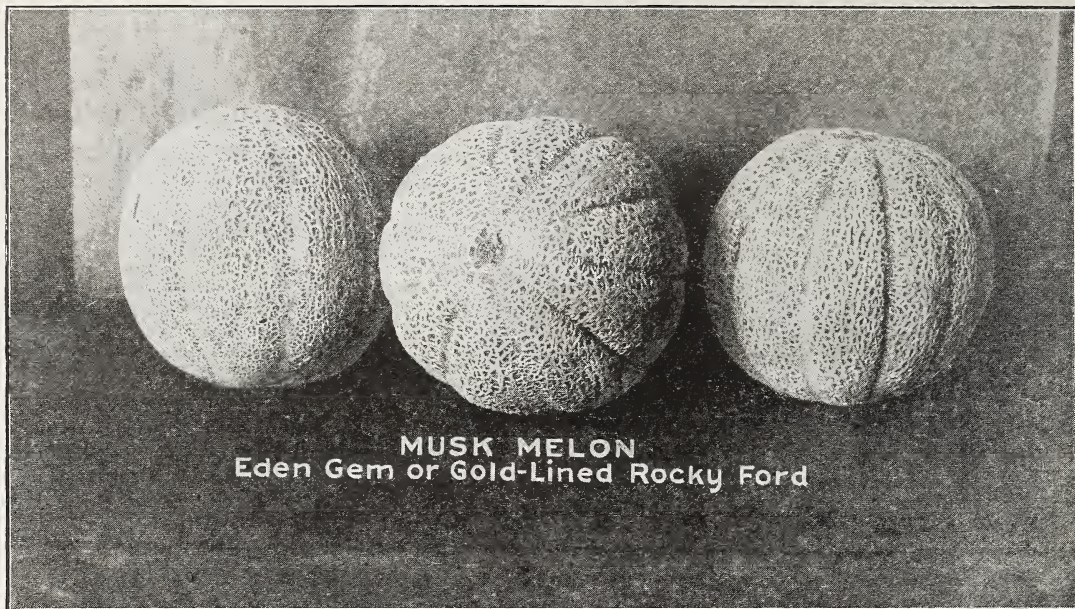
BLACK-SEEDED SIMPSON

40 days. One of the most largely planted varieties in this country, and it is a loose-leaved lettuce, late-intermediate in attaining full development. This variety must not be confused with the Early Curled Simpson, which is a white-seeded Simpson. Packet, 5c; oz., 15c; ¼ lb., 45c; lb., \$1.25; postpaid.

DELICIOUS MUSK MELONS

or Cantaloupes—We do not know what other vegetables will, for a few cents for seed and for such little attention, give so much in return—both in quantity and real enjoyable eating—as Musk Melons.

When you buy "A Packet" from the Adams Seed Co. you know exactly what that means. No pig-in-a-poke about it. Musk Melon packets are $\frac{1}{4}$ oz.—15 to 25 hills.



MUSK MELON
Eden Gem or Gold-Lined Rocky Ford

DELICIOUS GOLD-LINED ROCKY FORD—(EDEN GEM)

The shape is ideal, being slightly oval, and it is heavily netted over the entire surface. The flesh of the entire Melon is noticeably thick, fine grained and sweet. The color is green with a gold margin next to the seed cavity. Attractive both as to outward appearance and when cut. Packet, 10c; oz. 20c; $\frac{1}{4}$ lb. 70c; lb. \$2.00, postpaid.

OTHER GREEN-FLESHED VARIETIES

FINE NETTED NUTMEG

Very early. Excellent quality. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.25, postpaid.

HACKENSACK (TURK'S CAP)

A very large green-fleshed melon of good quality; nearly round but flattened on the ends. Ribs are deep and the surface is covered with a dense netting. Hardy and productive. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 60c; lb. \$1.50, postpaid.

EXTRA EARLY HACKENSACK.

60 days. Produces two weeks earlier than the well-known Hackensack; heavily netted, and has light green flesh of most delicious flavor; a splendid Cantaloupe melon. Good keeping and shipping sort. Large fine form. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 60c; lb. \$1.50, postpaid.

HONEY DEW

120 days. A delicious new melon. Its name has been well chosen, as it is about as sweet as honey. The average size is about six inches in diameter, and they weigh five to six pounds. The skin is smooth with little netting, and of creamy yellow when ripe. It is very thick, melting, fine grained and can be eaten almost to the rind, and the seed cavity is quite small. We offer Honey Dew in both green and salmon flesh. The illustration represents both varieties.

Green Flesh. Pkt. 15c; oz. 25c; $\frac{1}{4}$ lb. 90c; lb. \$2.00, postpaid.

JENNY LIND

55 days. The earliest of all. Small but productive, and very sweet. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.25, postpaid.

LONG ISLAND BEAUTY

A variety similar to Hackensack but not so deeply ribbed. Melons are large, deep ribbed and heavily netted. Flesh a clear green and of high quality. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 65c; lb. \$1.75, postpaid.

ROCKY FORD

70 days. An improved Netted Gem Melon with sweet, green flesh. In the hands of the Rocky Ford (Colorado) growers it has made that state famous in Eastern Markets for melons of unequaled quality. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 65c; lb. \$1.75, postpaid.

SALMON-FLESHED VARIETIES

BANANA

85 days. Very odd; 18 to 21 inches long. Yellow flesh, blending from bright green to rich salmon. Fragrant and of very fair quality. Early. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 70c; lb. \$2.00, postpaid.

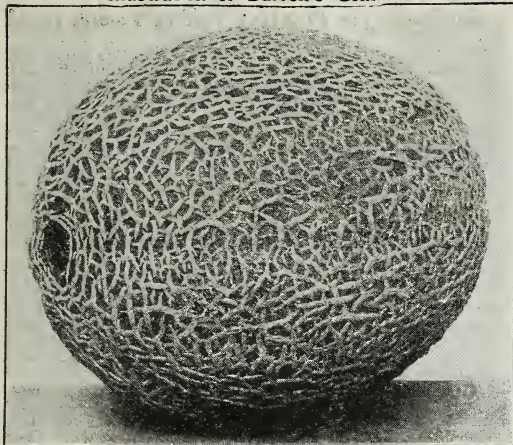
BURRELL'S GEM (ORDWAY'S, OR OSAGE GEM)

75 days. A superior orange-fleshed shipping melon. Of splendid flavor, sweet and aromatic, oblong in shape; fruits average 6 by 4 inches, smoothly rounded ends closely netted and slightly ribbed, dark green skin. The rind is thin; flesh exceptionally deep rich salmon-orange color. Very fine for marketing. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 70c; lb. \$2.00, postpaid.

EMERALD GEM

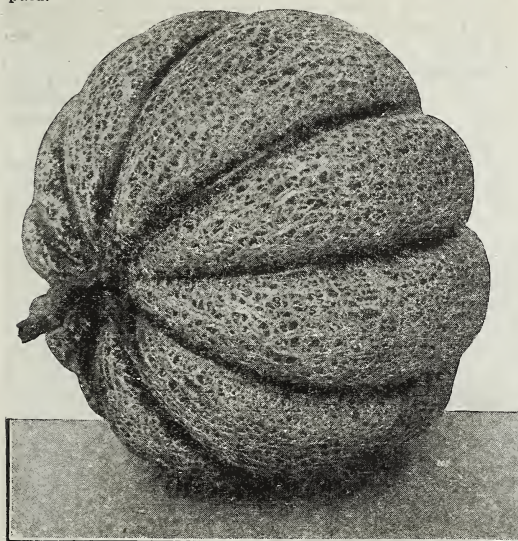
80 days. Ripens early; medium size; nearly round; flesh a delicate light salmon color, very thick, fine-grained, and of superb flavor. The rind is thin, dark green, ribbed, slightly netted. One of the best for home use. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 60c; lb. \$1.50, postpaid.

Illustration of Burrell's Gem



TIP TOP

80 days. Tip Top in quality, appearance and productiveness. This splendid melon has "held its own" for many years against all introductions in the melon line, and no yellow-fleshed melon of which we have any knowledge compares with it in good qualities. The testimony of all who have used **Tip Top** is that every melon produced, whether big or little, early or late, is a good one—sweet, juicy, finest flavor, firm (but not hard) fleshed and eatable to the outside coating. Its appearance on the market is very attractive—sells on sight. Customers soon learn to pick them out and will have no other variety. Fruit of large size, and flesh attractive bright salmon in color; slightly oblong, evenly ribbed, moderately netted, very productive. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.35, postpaid.



Hackensack Musk Melon.

MUSTARD

Packets Contain One-Quarter Oz.

GIANT SOUTHERN CURLED

The popular market variety in the South. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.00, postpaid.

WHITE LONDON

The leaves are comparatively small and smooth, deeply cut or divided and of medium dark green color. The plant is upright, of rapid growth and soon bolts to seed. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.00, postpaid.

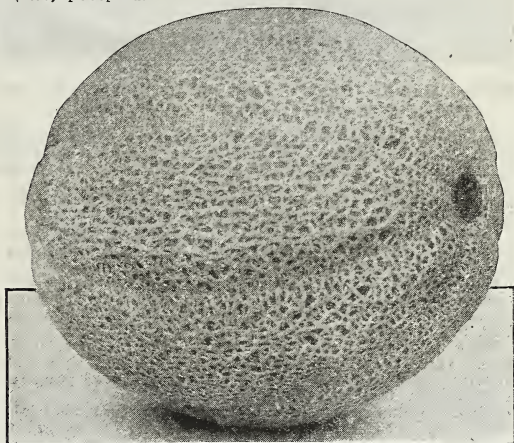
**SALMON-FLESHED VARIETIES—
Continued**

HOODOO (HEARTS OF GOLD)

The vine is quite vigorous, resisting blight better than most other sorts, and is very productive. The fruits vary slightly in shape, averaging nearly round, quite like the Netted Gem. The netting is distinctive in being exceptionally dense and fine, and it extends over practically the entire surface. The rind, although thin, is so very firm that Hoodoo is one of the best shipping sorts. Flesh salmon, very thick, highly colored, of finest texture, and delicious flavor. Pkt. 5c; oz. 15c; ¼ lb. 60c; lb. \$1.50, postpaid.

OSAGE, OR MILLER'S CREAM

75 days. A favorite salmon-flesh variety. Large, oval, slightly ribbed and netted; skin is very dark green. Flesh is very thick and sweet flavored, most delicious to the rind. The whole crop is very even and fruit extra heavy, owing to this thickness of the flesh. A great favorite for both market purposes and the home garden. Pkt. 10c; oz. 20c; ¼ lb. 65c; lb. \$1.75, postpaid.



Pollock's No. 25. (Salmon-Fleshed Rocky Ford.)

**POLLOCK'S NO. 25—(SALMON-FLESHED
ROCKY FORD)**

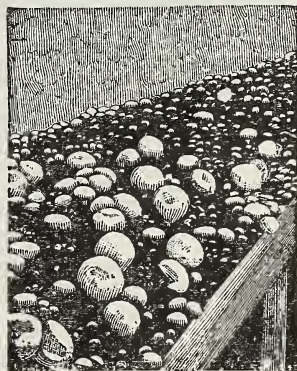
Large type, beautifully netted, but the flesh is pink or salmon. Its shipping and eating qualities are excellent. Pkt. 10c; oz. 20c; ¼ lb. 70c; lb. \$2.00, postpaid.

PAUL ROSE (PETOSKEY)

80 days. Of the Osage type, but smaller. Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.25, postpaid.

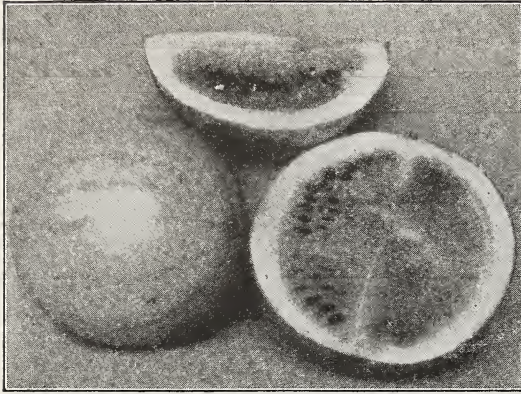
MUSHROOM SPAWN

We offer our trade the American Spore Culture Spawn which is produced from the original spores of the best varieties gathered, germinated and propagated under the famous French process. We believe they are the most vigorous and prolific strain on the market at the present time. Although mushrooms are essentially a fall and winter crop there is no reason why they should not be purchased in the spring. Brick 50c each; 3 for \$1.25, postpaid.



WATERMELONS

Each Packet Contains One-Fourth Ounce,
Sufficient for Planting Ten to Twelve Hills.



Winter Queen. (Picture does not do justice to its size.) Keeps longer than any other variety.

Alabama Sweet—85 days. The rind is dark green, marked with deeper green mottled stripes, medium thin and very tough, making the melon a first-class shipper. The flesh is bright red, fine grained, sweet, firm and entirely stringless. Average weight 30 pounds. Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.00, postpaid.

Citron (Colorado Preserving)—100 days. If you want water melons for preserving only, use this. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. 90c, postpaid.

Cole's Early—80 days. Strictly a home market melon almost round in shape, rind light green, striped with broad bands of dark green. Average weight 20 pounds. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 75c, postpaid.

Dark Icing—85 days. Fruits are oval in form, with green skin, flesh deep pink, very sweet; rind thin and brittle; not a good shipper. Average weight 25 pounds. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 75c, postpaid.

Dixie—85 days. It has a remarkably thin rind almost impenetrable, which preserves it for a great length of time, vines thrifty and strong, very productive, the flesh is fine rich scarlet and of superior quality; oblong in shape. Average weight, 25 pounds. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 75c, postpaid.

Duke Jones—85 days. Rind dark green, slightly striped with lighter green, almost round in shape; flesh bright red; not a long distance shipper. Average weight 25 pounds. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 85c, postpaid.

Florida Favorite—80 days. An oblong melon with dark green skin faintly striped with a lighter green; deep red flesh of excellent flavor. Average weight 20 pounds. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 75c, postpaid.

Fordhook Early—85 days. The fruits are of good size, rather short and blocky in form, skin dark mottled green, flesh bright red, crisp and of splendid quality. Rind thin; not a good shipper. Average weight 25 pounds. Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.00, postpaid.

Georgia Rattlesnake (Striped Gypsy)—80 days. An excellent shipper; vines vigorous and productive. Flesh red and sweet. Average weight 25 pounds. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 75c, postpaid.

Halbert's Honey—85 days. This melon is dark green, slightly ridged and blunt at both ends, the flesh is very sweet and melting, leaves no trace of pulp; bright crimson; not a good shipper. Rind very tender; grows very long in shape. Average size 25 pounds. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 75c, postpaid.

Hungarian Honey—90 days. A small globe-shaped melon, color mottled green and veined with a darker shade; flesh bright red, ripening close to the rind, sweet and tender. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. 90c, postpaid.

Irish Grey—85 days. A distinct and very valuable melon wonderfully productive, will produce more good melons under the same conditions than any other variety; long, thick, uniform; color of rind, yellowish green interwoven with threadlike veins, smooth marble-like surface, almost as hard as the Citron, flesh sparkling bright red, sweet and entirely free from hard

centers or stringiness, yet the flesh is very firm and compact; will not break when sliced, one of the best shippers; average size 30 pounds. Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00, postpaid. (Seed very scarce this year.)

Kleckley Sweet (Monte Cristo)—85 days. This is a very popular watermelon; no doubt it is more universally grown than any other sort. Dark green skin, thin rind; flesh bright scarlet, solid, very sweet and crisp; not a good shipper for long distance. The fruits are oblong and uniform in size. Average weight 25 pounds. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 85c, postpaid.

Kolb Gem—90 days. Color dark green, broad, bright stripes, nearly round, rind thick. One of the best shippers, flesh medium red and very firm. Average weight 25 pounds. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 75c, postpaid.

Long Light Icing—80 days. Rind mottled gray, shape long, flesh crimson and of excellent flavor. Not a good shipper; rind thin and brittle. Average weight 25 pounds. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 85c, postpaid.

Melvvers Wonderful Sugar—100 days. This is a very hardy grower; leaves on the vines differ in shape from most other sorts, exceedingly productive. Elongated rind dark green, striped with broad bands of light green; flesh bright red, firm and of extra quality. Good shipper. Average weight 30 pounds. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 75c, postpaid.

Peerless—85 days. This melon has become a favorite with a great many; flesh beautiful crimson and excellent quality, dark mottled green rind, round. Average size 20 pounds. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 75c, postpaid.

Sweetheart—90 days. Vines vigorous and very productive, almost round in shape, very heavy and solid; rind thin but firm; color very light green, slightly veined with a darker shade. Flesh bright red and sweet. Average weight 30 pounds. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. 90c, postpaid.

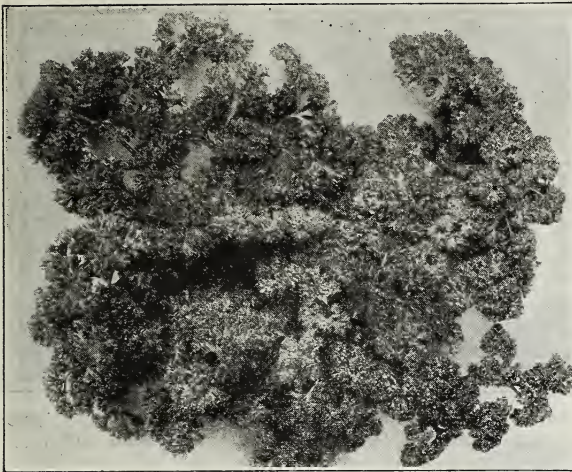
Tom Watson—90 days. One of the best melons either for market or home use; very prolific, attains a larger size than any of the long green melons, frequently growing 50 or 60 pounds in weight; no tipped ends or necks to rot; one of the best shippers. The rind is thin but tough, flesh deep red; tender, firm and sweet; produces melons 18 to 24 inches long by 10 to 12 inches in diameter. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.25, postpaid.

Triumph—90 days. This melon is a market sort and one of the best shippers; very productive, and of uniformly large size. The rind dark green, indistinctly striped with a lighter shade. Average weight 35 pounds. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 75c, postpaid.

Winter Queen—100 days. This melon resembles a round white Citron, but has very fine flavored flesh, tender and sweet; rind light in color, with an imaginary stipe; flesh pink, solid and stringless. Average size 10 pounds. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.60, postpaid.



Sweetheart



Dark Moss Curled Parsley

PARSLEY

Packet is One-eighth Oz. Sows 50 Feet.

Packet is 1-8 oz. Sows 50 foot drill. The most popular herb for seasoning soups, meats, etc. and garnishing.

EXTRA CURLED DWARF OR EMERALD

The moss-like leaves, of handsome bright green color, are finely curled. For garnishing; Emerald has no superior. We have a most excellent strain of this variety. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. 90c, postpaid.

DARK MOSS-CURLED

Of an extra dark green color. The leaves are very finely curled. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.00, postpaid.

DOUBLE CURLED

Very robust, free growth. Leaves are large, very dark green and beautifully curled; exceedingly large yielder. Stands heat and cold better than most varieties. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.00, postpaid.

PEPPERS

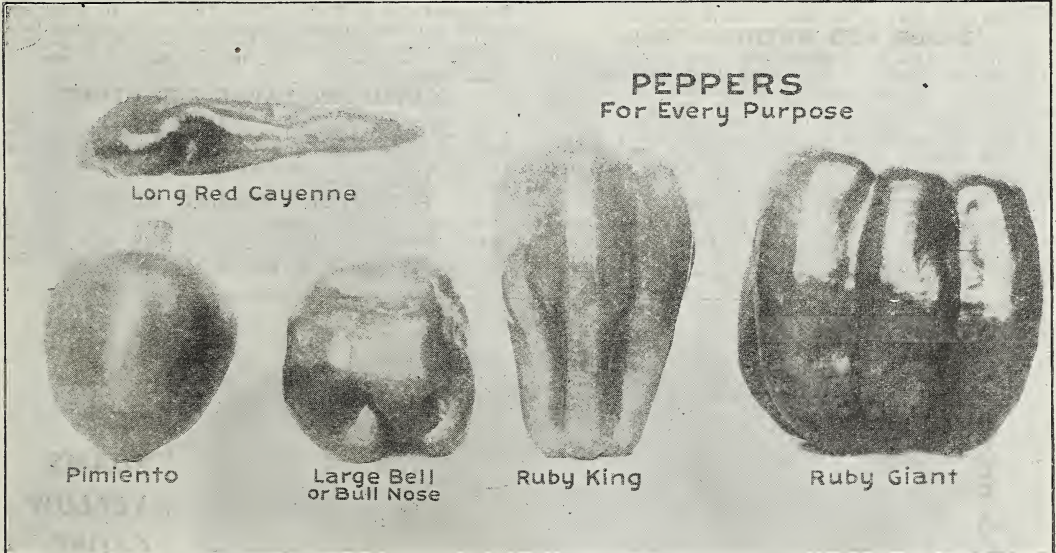
One Packet will Furnish About 150 Plants

LARGE BELL—(BULL NOSE)—(HOT)

130 days. This variety is extremely pungent and must not be used for the same purposes as the mild varieties. In shape it is slightly thicker at the stem end than Ruby King, but it is shorter, going to more of a point. The deep green color of the flesh turns to a brilliant red on ripening. Pkt. 10c; oz. 50c; ¼ lb. \$1.50; lb. \$4.00, postpaid.

RUBY GIANT—(MILD)

140 days. A hybrid of Ruby King and Chinese Giant, the cross having been made about 1912 by a New Jersey grower. The length of the peppers will very often run about five inches. Side walls are thick, and the quality excellent. The deep-green color turns to a rich ruby red on maturity. Pkt. 10c; oz. 60c; ¼ lb. \$1.35; lb. \$5.00, postpaid.



PEPPERS For Every Purpose

Long Red Cayenne

Pimiento

Large Bell or Bull Nose

Ruby King

Ruby Giant

LONG RED CAYENNE—(HOT)

135 days. Extremely pungent. Care must be taken in handling. Pkt. 10c; oz. 50c; ¼ lb. \$1.50; lb. \$4.00, postpaid.

MAMMOTH GOLDEN QUEEN

Some prefer a yellow variety. It is large and sweet. Pkt. 10c; oz. 75c; ¼ lb. \$2.50; lb. \$7.50, postpaid.

PIMIENTO

120 days. Of a most delicious flavor, it is one of the most desirable varieties for the home garden. The beautiful olive-green color turns to a brilliant scarlet when it is ripe. The flesh is thick, but the skin may be easily peeled off by scalding the pepper. It is especially desirable for stuffing. Pkt. 10c; oz. 50c; ¼ lb. \$1.50; lb. \$4.00, postpaid.

RED CHILI—(HOT)

135 days. A very pungent variety, whose fruits are about two inches long and from one-third to one-half inch in diameter. Pkt. 10c; oz. 50c; ¼ lb. \$1.50; lb. \$4.00, postpaid.

RUBY KING—(MILD)

130 days. For thirty-five years this pepper has held a leading place amongst all varieties. The plant will grow to a height of about two feet. It is vigorous and productive. Fruits will run from four to four and one-half inches in length, and are usually three lobed. The flesh is thick and mild; very desirable for slicing. Fruits are deep green, turning to a ruby red when ripe. Pkt. 10c; oz. 50c; ¼ lb. \$1.50; lb. \$4.00, postpaid.



Adams Guaranteed Onion Seed costs us probably twice as much to grow, as the kind you generally buy, but we are not charging you much more, if any, than the "ordinary" seed costs. Packets of Onion Seed contain $\frac{1}{8}$ oz. that ought to sow 30 feet of drill.

AUSTRALIAN BROWN

A very long-keeping, early variety, and easily grown in the home garden. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; lb. \$1.50, postpaid.

BERMUDA RED

Many carlots of these are grown in Texas and shipped North. Our seed is imported from Teneriffe. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00, postpaid.

BERMUDA WHITE

Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00, postpaid.

EXTRA EARLY RED FLAT

90 days. Although the first of the red sorts to ripen, the bulbs are firm and keep remarkably well for so early a variety. This variety succeeds in cool soils. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 70c; lb. \$1.75, postpaid.

LARGE RED WETHERSFIELD

100 days. The most extensively used variety of all. The general shape of the Large Red Wethersfield is spherical, being flattened at the ends. The neck is very small. The tops when grown are long, slender and clear-green colored. The outside skin is a beautiful red, and the inside flesh tinged with red. The flesh is more pungent than any other variety. We have a very superior strain of Ohio-grown seed. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$2.25, postpaid.

OHIO YELLOW GLOBE

120 days. Considerably flatter than the Yellow Globe Danvers. The keeping qualities of Ohio Yellow Globe have been proven highly satisfactory, and as a variety to be produced in large onion-growing operations it

can be relied upon. Our strain is from selected bulbs only. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.00, postpaid.

MAMMOTH YELLOW PRIZETAKER

100 days. This onion, during the first years of its introduction, was imported annually from near Barcelona, Spain. It is a type of the famous Spanish onion, as will be remembered by those of a generation ago. When fully matured it will average four inches in diameter. The color of the outside skin is a rich yellow, while the flesh inside is white, mild and sweet. Under special cultivation these bulbs have been known to weigh as much as five pounds apiece. As an onion for fall and early winter use, Mammoth Yellow Prizetaker is very highly recommended. It will not prove, however, to be a good winter keeper, such as the Southports or as Yellow Globe Danvers. In many respects it rivals the well-known and justly famous Bermuda onions, which are so largely grown in Texas and the Mexican frontier. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$2.25, postpaid.

SOUTHPORT LARGE RED GLOBE

110 days. The color is a rich red, and the skin has a glossy appearance. The neck is very small. The inside flesh is white, tinged with purple. Shipping and storing qualities are excellent. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$2.25, postpaid.

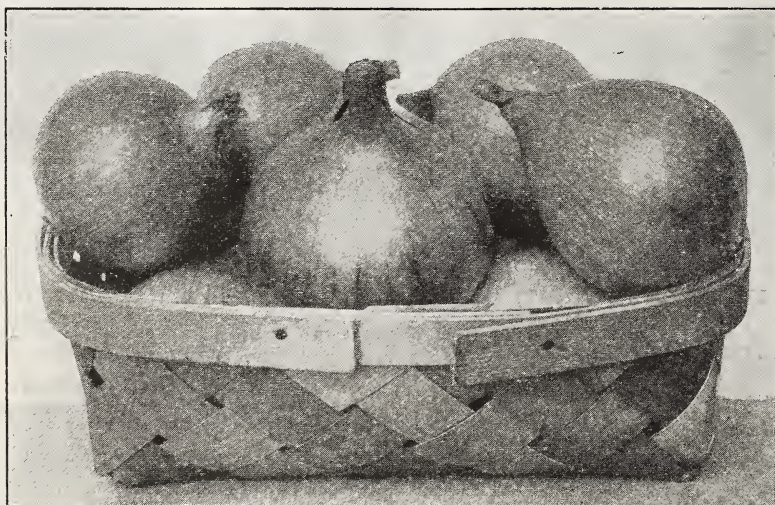
SOUTHPORT YELLOW GLOBE

110 days. Mild, tender and sweet. It is slightly larger than Yellow Globe Danvers, and is a variety that is held in high esteem by commercial growers. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$2.50, postpaid.

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OF
ADAMS
YELLOW
GLOBE
DANVERS
ONIONS

SOUTHPORT WHITE GLOBE

120 days. As a standard commercial white onion, Southport White Globe holds a position of its own. The bulb is globular in shape, being slightly flattened at the shoulder and rounded at the base. Crystal white in color and with pure white flesh, which is mild in flavor and most productive as a table variety. It is an excellent shipping and storing onion, and will keep longer than the Bermudas. Pkt. 10c; oz. 40c; ¼ lb. \$1.25; lb. \$4.00, postpaid.

WHITE PORTUGAL (Silverskin)

95 days. This variety is slightly larger in diameter, but very flat compared to the Southport White Globe. The bulb will be about three and one-half inches through; is a pure, white color, having an especially clear, white skin. It is quite popular among growers of fancy onion sets. In order to preserve the pure, white effect, care must be taken not to expose the sets to the sun. This can be prevented by always having them covered with soil. Pkt. 10c; oz. 30c; ¼ lb. \$1.00; lb. \$2.75, postpaid.

YELLOW DANVERS, ROUND (Flat Danvers)

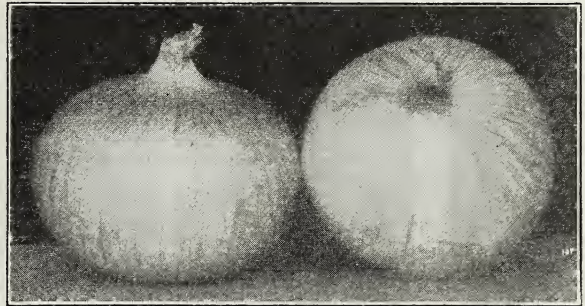
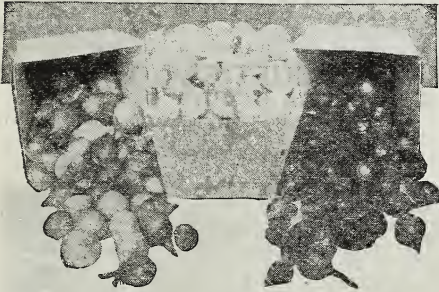
A productive and very extensively used early or main crop variety of medium size. This is still a standard, general crop, yellow onion for the home garden. Pkt. 5c; oz. 20c; ¼ lb. 65c; lb. \$1.50, postpaid.

YELLOW STRASBURG

110 days. The bulbs of this onion are much flatter than any of the other yellow-skinned varieties. They will average about three inches in diameter and from one and one-half to two inches from top to bottom. Yellow Dutch, or Strasburg, is used for the production of the finest grade onion sets. They will make by all means the handsomest sample of any of the yellow varieties. Pkt. 5c; oz. 20c; ¼ lb. 65c; lb. \$1.50, postpaid.

YELLOW GLOBE DANVERS

110 days. Yellow Globe Danvers is globe-shaped, being just as high as it is broad. It will produce well from seed grown in the open ground. The stock we offer has been grown from selected bulbs. The neck is small and the onion in every particular will be found to be uniform, crisp, mild and sweet. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.00, postpaid.



This Is a Photograph of Our White Portugal (Silverskin)

ONION SETS

We are large growers and ship many carloads all over the United States and Canada. Green or "Spring" onions grown from sets will be the first thing you pull from your garden. Our sets are Northern grown—very early and hardy—and of small size, firm—and unsprouted.

Prices here quoted are subject to market change without notice.

	Postpaid		Not Prepaid	
	Pint	Quart	Quart	Peck
Yellow Bottom Sets	\$0.20	\$0.30	\$0.20	\$0.95
Red Bottom Sets .....	.20	.30	.20	.95
White Bottom Sets .....	.20	.35	.25	1.10
Mixed Bottom Sets .....	.20	.30	.20	1.10
Yellow Multiplier Sets .....	.20	.35	.25	1.25
White Multiplier Sets .....	.20	.35	.30	1.75

Bushel weighs 32 lbs.

OKRA (Gumbo) Packet Is One-Fourth Ounce.

EXTRA EARLY DWARF

The young seed pods are used in soups, stews, catsups, etc. Highly esteemed in the South. After danger of frost is past, the ground being warm and in good condition, plant in rows about two and one-half feet apart, covering with about an inch of fine soil firmly pressed down. The pods are in best condition for use when from one to three inches long. The above variety is an extra early maturing one; very productive. Plants twelve to eighteen inches high. Pods short, deep green, slightly corrugated, tender and of good quality. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c, postpaid.

PERKIN'S MAMMOTH

This variety is about three feet high, very early and productive. The pods are deep green, very long, slender, slightly corrugated, very tender and of good quality. This is a desirable market as well as a home garden sort. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c, postpaid.

WHITE VELVET

The plants of this variety attain a height of about three and one-half feet. It is early maturing and very productive. The color of the pods is white. They are medium in length, smooth and very tender until attaining the full growth and will be about three and one-half inches. A very desirable variety for all purposes. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c, postpaid.



Prices on larger quantities will be quoted by letter

ADAMS NORTHERN GROWN GARDEN PEAS

A packet contains 2 oz., which will sow from 12 to 15 feet.
Wrinkled Peas are indicated thus*.

EARLY AND EXTRA EARLY DWARF-VARIETIES AMERICAN WONDER*

55 days. One of the earliest wrinkled peas under cultivation. The vines will average between twelve and fifteen inches, producing pods two and one-half inches in length, round and crowded to the end with peas. It is a variety which responds quickly to high cultivation. It has the peculiarity of producing leaves on the side of the stalk. Packet, 10c; ½ lb., 20c; lb., 35c; 2 lbs., 50c postpaid.

BLUE BANTAM*

55 days. The dwarf, vigorous vines average fifteen inches in height and carry enormous crops of large deep bluish green pods. The handsome pointed pods, usually borne singly, measure four to four and one-half inches long and are tightly packed with eight to ten extra large luscious peas. Considered one of the best flavored. Packet, 10c; ½ lb., 25c; lb., 45c; 2 lbs., 70c.

PREMIUM GEM*

55 days. A desirable early green wrinkled dwarf variety similar to but better than McLean's Little Gem. The vines are very productive, fifteen to eighteen inches high. The pods are of medium size, about two and three-fourths inches long, crowded with six to eight large peas of fine quality. Packet, 10c; ½ lb., 25c; lb., 40c; 2 lbs., 60c; postpaid.

LAXTONIAN*

57 days. Dwarf pea with large, handsome Gradus pods. The height of the vines will average fifteen inches and the pods three and one-half inches. The pods are inclined to bear more abundantly along the top of the vine and less along the stalk, making it easy to pick and heavy yielding. One of the best peas for private or commercial growing. Packet, 10c; ½ lb., 25c; lb., 45c; 2 lbs., 70c; postpaid.

LITTLE MARVEL*

53 days. The vines of this variety will grow to a height of fifteen inches, producing pods two and three-quarters to three inches in length. This variety resembles the Nott's Excelsior in vines, habit of growth and quality. The pods are considerably longer, very often being produced in pairs. It is a highly recommended variety for home garden purposes. Packet, 10c; ½ lb., 25c; lb., 40c; 2 lbs., 60c; postpaid.

NOTT'S EXCELSIOR*

52 days. The best very early, dwarf pea. It combines the good qualities of American Wonder and Premium Gem peas. The vines are larger and more productive than American Wonder and earlier than Premium Gem and average about twelve inches high. The peas, in sweetness and quality, are unsurpassed. A most desirable early sort for the market gardener and unsurpassed for the home garden. Packet, 10c; ½ lb., 25c; lb., 40c; 2 lbs., 60c; postpaid.

EARLY AND EXTRA EARLY VARIETIES, NOT DWARF ADAMS BEST EXTRA EARLY

This is our own private stock of First and Best Peas. It has been grown more carefully and closely rogued. We believe it is the best stock in existence. Packet 10c; ½ lb. 25c; lb. 40c; 2 lbs. 65c, postpaid.



Nott's Excelsior.

ALASKA

45 days. This variety is the earliest in existence. The plant attains a height of two feet. There will be from four to six peas to the pod. The dry seeds are pale bluish green. The crop will mature promptly, and one picking is sufficient. This variety is in very large use amongst the commercial canners, and is also grown for general market and home garden purposes. Packet, 5c; ½ lb., 20c; lb., 30c; 2 lbs., 45c; postpaid.

GRADUS—(PROSPERITY)*

55 days. Pods nearly as large as Telephone. It is quick to germinate, maturing splendidly under good conditions, but very disappointing under adverse conditions. The foliage is large and luxuriant. The pods will attain a length of four inches, straight, slightly rounded at the point. Packet, 10c; ½ lb., 30c; lb., 50c; 2 lbs., 75c; postpaid.

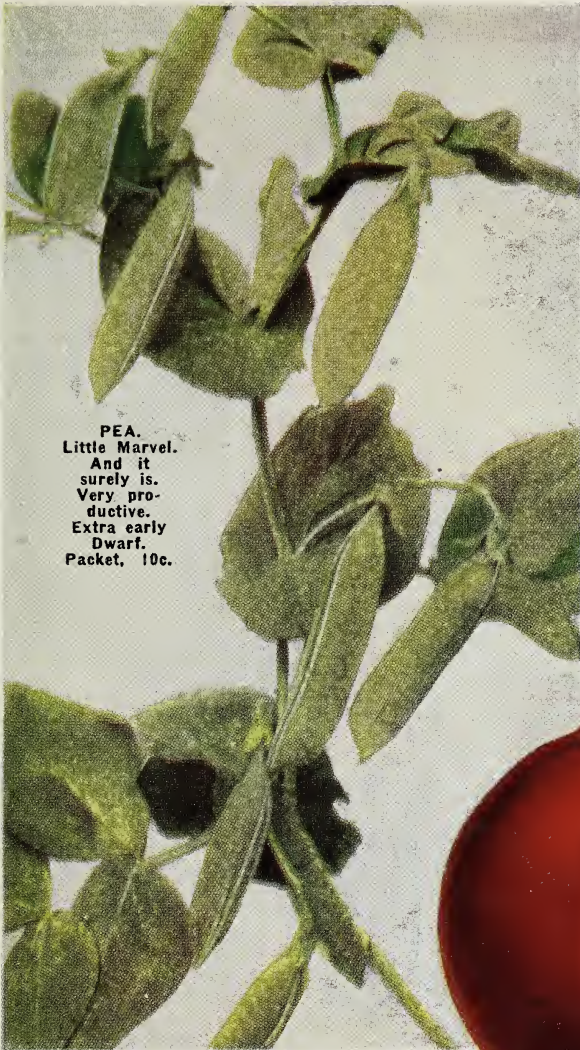
THOMAS LAXTON*

50 days. This pea is hardy and slightly earlier than Gradus and a more abundant yielder. The pods resemble Gradus in shape, excepting that they are blunt ended. They will attain a length of three and one-quarter inches. The vine will grow to a height of thirty inches. Packet, 10c; ½ lb., 25c; lb., 45c; 2 lbs., 70c; postpaid.



Alaska Peas on Vine.

Peas Are Continued on Page 41



PEA.
Little Marvel.
And it
surely is.
Very pro-
ductive.
Extra early
Dwarf.
Packet, 10c.



Very
popular
new Dwarf Pea
Laxtonian.
Packet, 10c.



TOMATO.
Chalk's Early
Jewel.
Large size, and
enormously pro-
ductive. Medium
early.
Packet, 10c.

SPARKLER RADISH.
Very early. Ready for
eating in 25 to 28 days, and
does not become pithy.
Packet, 10c.



WARTED HUBBARD
SQUASH.
Packet, 5c.



New Enormous
Yielding
PUMPKIN MORSE'S
MARROW.
Weight, 150 lbs. each.
30 tons per acre.
Quality the best.



Special Offer!

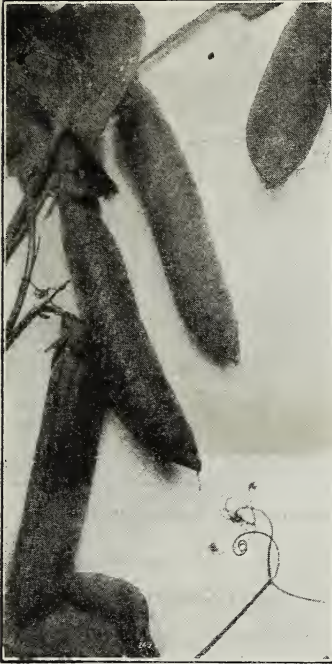
Adam's "COLOR PAGES COLLECTION" of the FINEST VEGETABLE SEED SPECIALTIES in existence. Every one of them proven of distinct merit and unusual value or we would not put them on our colored pages. 26 FULL SIZE PACKETS FOR \$2, Postpaid. Regular price if bought separately \$2.65

Special price if you buy all 2.00
You save \$0.65
SET of 26 WOODEN GARDEN MARKERS FREE with this offer.

MORE GARDEN PEAS Continued from Page 38

FIRST AND BEST

50 days. This is the earliest and most even strain of first early white peas, maturing so well together that sometimes a single picking will secure the entire crop. The stock we offer is much superior to most on the market and more even than similar strains sold as Extra Early. Rural New Yorker and Improved Early Daniel O'Rourke. Packet, 5c; ½ lb., 20c; lb., 30c; 2 lbs., 45c; postpaid.



Gradus (Prosperity)

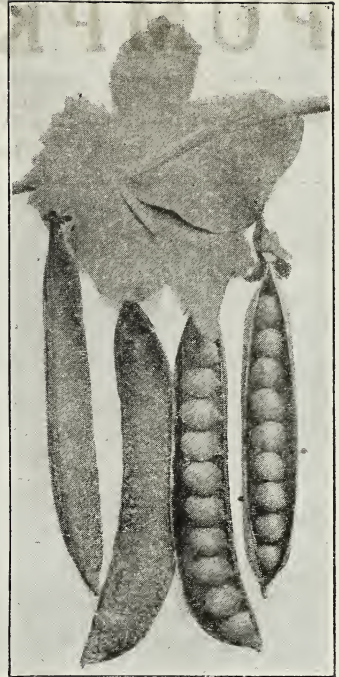
SECOND EARLY AND MAIN CROP VARIETIES

ALDERMAN*

This is in many respects the very best early main crop variety of the valuable Telephone type. The vines are tall growing, about four and one-half to five feet high, dark green, vigorous and exceedingly productive. The peas are of largest size and unsurpassed in quality. Market gardeners are demanding the large podded, dark colored sorts which retain their fine appearance even after shipping a long distance. The Alderman answers these requirements and we recommend it unreservedly. Packet, 10c; ½ lb., 25c; lb., 45c; 2 lbs., 70c; postpaid.

EVERBEARING*

60 days. The vines are stout, of medium height, about two and one-half feet, bearing at the top six to ten good sized pods, about two and one-half to three inches long. If these are picked as they mature and the season and soil are favorable, the plant will throw out branches bearing pods which will mature in succession, thus prolonging the season. The peas are large and wrinkled, cook very quickly, are tender, of superior flavor and preferred to any other sort by many. Packet, 10c; ½ lb. 20c; lb. 35c; 2 lbs. 50c, postpaid.



Telephone Peas

CANADA FIELD PEAS

For green manuring and fodder. Not recommended for table use. Write for Prices.

CHAMPION OF ENGLAND*

75 days. Very prolific, although rather late, maturing its crop gradually. When grown for home garden purposes, brushing is desirable. Packet, 10c; ½ lb., 20c; lb., 35c; 2 lbs. 50c, postpaid.

STRATAGEM*

68 days. One of the best of the large podded, semi-dwarf main crop varieties. The pods are very large, and uniformly filled with very large, dark green peas of the finest quality. Packet, 10c; ½ lb., 25c; lb., 45c; 2 lbs., 70c; postpaid.

MAMMOTH MELTING SUGAR (EDIBLE PODS)

70 days. The pods are picked when half grown and prepared for the table very much the same as snap beans. We strongly advocate the more general planting of edible podded peas. A trial will very often give them a permanent place in the garden. Brushing is desirable. Packet, 10c; ½ lb., 25c; lb., 40c; 2 lbs., 60c; postpaid.

TELEPHONE*

70 days. The pods will grow from a length of three and one-half to four inches and a width of three-fourths of an inch. There will be from five to ten peas in the pod. They are shriveled and indented. Telephone is prolific, medium to late in season, and matures its crop promptly. When grown for home garden, brushing is desirable. Packet, 10c; ½ lb., 25c; lb., 45c; 2 lbs., 70; postpaid.

DWARF TELEPHONE OR DAISY*

65 days. A medium late pea of dwarf, stocky habit, healthy vigorous growth, and productive, bearing large, handsome pods and peas of highest quality. Packet, 10c; ½ lb., 25c; lb., 40c; 2 lbs., 60c.

HORSFORD'S MARKET GARDEN*

The vines of this variety are of medium height, about three feet, hardy and very productive, giving the greatest number of pods of any on our list. Packet, 10c; ½ lb., 20c; lb., 35c; 2 lbs., 50c; postpaid.

MARROWFAT, BLACK-EYED

A well known tall, late maturing variety, about five feet high. It is a very prolific bearer of large pods, about three inches long. Packet, 10c; ½ lb., 20c; lb., 35c 2 lbs., 50c; postpaid.

LARGE WHITE MARROWFAT

The vines of this tall variety are about five feet high and of strong growth. It is desirable for summer use but is not as sweet and tender as most sorts, although undoubtedly one of the most productive of the garden varieties. Packet, 5c; ½ lb., 20c; lb., 30c; 2 lbs., 45c; postpaid.

PARSNIP

Packet Will Sow 25 to 30 Feet

GUERNSEY

The white skin is smooth and attractive. Guernsey is considered the best and most productive of the long parsnips. The fine-grained, tender, and sweet flesh makes it essentially a table variety, but it is also grown for cattle-feeding. Packet, 10c; oz., 15c; ¼ lb., 30c; lb., 75c; postpaid.

LONG SMOOTH HOLLOW CROWNED

Long Smooth grows longer than the preceding variety, but does not have so broad a shoulder. The roots are long and tapering, requiring a deeply worked soil. The foliage is larger than that of Guernsey. The roots are fairly smooth. Packet, 10c; oz., 20c; ¼ lb., 40c; lb., 90c, postpaid.

PUMPKINS FOR PIES AND FOR "STOCK"

We are "pushing" pumpkins this year because we believe not enough of them are grown by farmers, and we want to urge a larger acreage, for they will pay big for feeding purposes. The seed is very low priced and they are no trouble at all to raise.

PACKET CONTAINS $\frac{1}{4}$ OZ. OF SEED



A Productive Field of Pumpkins.



Sweet or Sugar (New England Pie).

Connecticut Field (90 days). This pumpkin will attain a size of about twenty inches in diameter. It is a strong, vigorous grower. The outside color of the pumpkin is reddish orange and the inside flesh is an orange yellow. It is very solid, fine-grained and slightly ribbed. This pumpkin is grown extensively for canning purposes, and it is not advised for home consumption. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 50c, postpaid.

King of the Mammoths (Jumbo). 90 days. The heaviest specimen, according to our records, is two hundred forty-five pounds. They will often be three feet in diameter. The outside color is a light salmon-orange and the inside a bright yellow. We recommend

it only as a show pumpkin. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$1.60, postpaid.

Kentucky Field or (Large Cheese), 90 days. The fruits are large, round, flattened, having a cream-colored surface, mottled with green when fully ripe. The flesh is yellow, tender and of good quality. It is a good keeper. Not recommended for the more northerly latitudes. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. 75c, postpaid.

Striped Cushaw, 75 days. A productive sort, which is in strong favor amongst a great many planters. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.25, postpaid.

Sweet or Sugar (New England Pie), 70 days. The size will average between eight and ten inches in diameter. The fruits are deep orange colored, slightly ribbed. The flesh is a rich yellow, of the very highest quality. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.60, postpaid.

Morse's Marrow (See colored illustration). We cannot too strongly recommend it. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.00, postpaid.

Golden Oblong. Very hardy, and good in quality. Size about 15 to 20 inches in length. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. 65c, postpaid.

Japanese Pie. About 80 days. Very good pie variety to grow in home gardens. Is crook-necked. Skin dark green mottled with yellow stripes. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 65c; lb. \$1.75, postpaid.

White Cushaw (Jonathan). Quality superb. Crook-necked; creamy white shell. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.25, postpaid.



Connecticut Field.

Adams does not sell Packets on Commission through Dealers

We do sell bulk seeds to dealers everywhere, also packets, but never did and never will put out boxes of seeds in packets for dealers to sell on "commission" or consignment basis. While we have no desire to "knock" some of the very responsible concerns doing business that way, we do protest that the practice permits dealers to sell you packets which contain seed of low germination and poor quality. When you complain to him he blames it on the seedsman whose name appears printed on the packets, but the fault is generally the dealer's, because he sold you old, left-over packets from previous years.

SQUASH

One-Fourth Ounce Is the Packet Size.

SUMMER VARIETIES

EARLY WHITE BUSH SCALLOP—(Cymling)

45 days. This is the well known, very early, somewhat flattened scalloped bush squash of medium size. The vines are vigorous and very productive. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 65c, postpaid.

EARLY YELLOW BUSH SCALLOP

A flattened, scalloped bush squash of largest size. The skin is deep orange. The flesh is pale yellow and of very good flavor. This sort is extensively used for the home garden and market where a very large yellow scalloped squash is wanted. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.25, postpaid.

GOLDEN SUMMER CROOKNECK (Bush)

60 days. The mature size of this squash will be about fifteen inches long. It is a rich golden yellow, thickly warted and of the Crookneck type. Perhaps the most delicious in flavor of all summer squashes. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.35, postpaid.

GIANT SUMMER CROOKNECK

50 days. The largest and one of the earliest of the crookneck summer squashes. The vines are of bush habit, larger and more vigorous than Summer Crookneck.

The fruits when mature are very large, often one and one-half to two feet long, with exceedingly warted surface. Its large size and attractive color make this variety a favorite with market gardeners as well as for home garden use. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.00, postpaid.

MAMMOTH WHITE BUSH SCALLOP

60 days. It will reach its mature size a few days after White Bush, and is otherwise very similar, excepting that the skin is quite uniformly warted instead of being smooth. Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.25, postpaid.

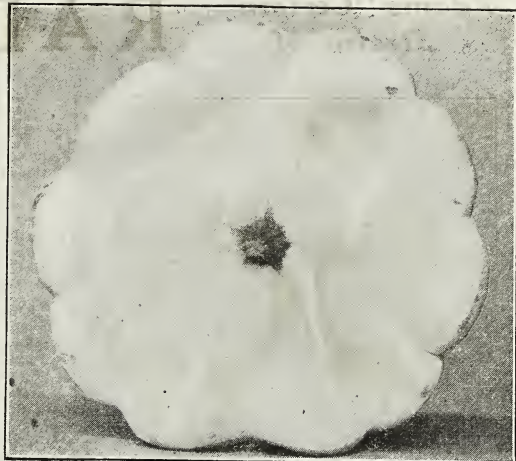
WINTER VARIETIES

GOLDEN HUBBARD

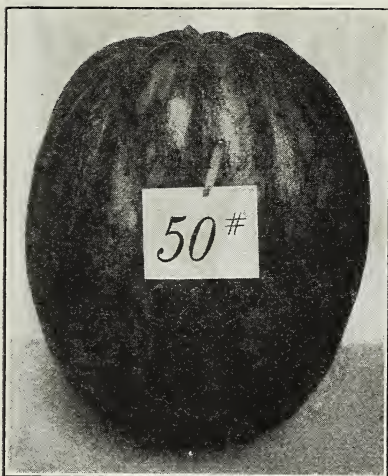
105 days. It is very similar to Hubbard, except in outside color, being a brilliant golden orange, making it, perhaps, one of the most attractive squashes under cultivation. Golden Hubbard will, unquestionably, take the place of the older Hubbard eventually. Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$1.50, postpaid.

IMPROVED HUBBARD

65 days. One of the best of the winter squashes. The vines are vigorous and very productive. The fruits are large, heavy and moderately warted, with a very hard shell. The skin is uniformly dark bronze green. The flesh is bright orange-yellow, fine grained, thick and dry and richly flavored. This squash can be kept in good condition until Spring. Our stock of this standard home garden and market variety is carefully selected in regard to quality of the flesh and color of the shell. Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$1.50, postpaid.



Early White Bush Scallop.



Mammoth Chili.

BOSTON MARROW

100 days. Boston Marrow is, perhaps, grown more by the general farmer than any other variety. It is bright orange color, oval shaped and of very good quality for pies and canning purposes. The flesh is tender, fine grained and of excellent flavor. The sturdy vines are very productive. The hard rind of Boston Marrow makes it not only an excellent squash for winter keeping, but gives it special merit as a shipping sort. Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.25, postpaid.

MAMMOTH CHILI

For exhibition purposes and stock feeding. Pkt. 10c; oz. 20c; ¼ lb. 65c; lb. \$1.75, postpaid.

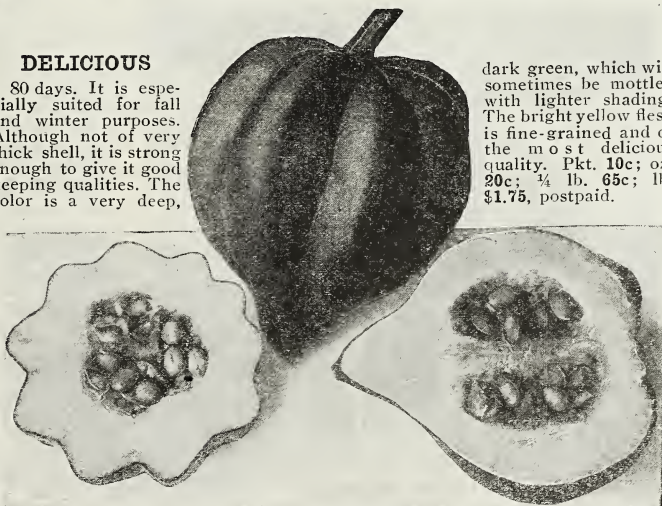
WARTED HUBBARD

Except in being more heavily warted and darker in color, is similar to Improved Hubbard. Our seed is true. Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$1.25, postpaid.

DELICIOUS

80 days. It is especially suited for fall and winter purposes. Although not of very thick shell, it is strong enough to give it good keeping qualities. The color is a very deep,

dark green, which will sometimes be mottled with lighter shading. The bright yellow flesh is fine-grained and of the most delicious quality. Pkt. 10c; oz. 20c; ¼ lb. 65c; lb. \$1.75, postpaid.



Adams "Certain"
Strains of

RADISH

Packets Contain Three-
Eights Ounce. Enough
to Sow 30 to 40 Feet.

ROUND VARIETIES

EARLY SCARLET GLOBE

25 days under favorable conditions, and under unfavorable conditions 30 days. A variety in larger general use for all purposes than any other radish. Maximum size before becoming pithy is one and one-quarter inches long by three-quarter inch in diameter. The interior of the root is pure white, mild, crisp and fine grained. Its season is rather short, and it must be pulled reasonably soon after maturity. Recommended for the home garden, for the market garden or for greenhouse forcing. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00, postpaid.

EARLY SCARLET TURNIP, WHITE TIPPED

One of the best early radishes for the home garden and a great favorite in large markets for early planting outdoors. The roots are nearly round, slightly flattened on the underside. The color is very bright, deep rose-carmine scarlet with a distinctly white tip. The flesh is white and of the best quality. The stock we offer is exceptionally attractive in its splendid coloring. The scarlet is unusually deep and affords a distinct contrast with the large clear white tip. Pkt. 10c; oz. 15c; ¼ lb. 30c; lb. 90c, postpaid.



Scarlet Globe.
SAXA

The earliest known forcing radish. The Saxa is nearly a week earlier than Scarlet Globe, with a very small top and tap root, nearly round in form and of an attractive, clear bright scarlet color.

The quickest radish for forcing or hot bed use, and is a splendid variety for early sowing in the open ground. Pkt. 10c; oz. 15c; ¼ lb. 45c; lb. \$1.50, postpaid.

SPARKLER

Best of the Round White Tips. Crisp and sweet, remaining fit for use longer than most of the other globe-shaped sorts. The colors are very vivid and attractive. The upper part is a rich carmine scarlet, with a large tip of the purest white. An excellent forcing sort and highly recommended for growing in the open ground. Ready in about 20 days. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25, postpaid.

CRIMSON GIANT

32 days. It will hold proportionately longer before becoming pithy. It is a radish nearly twice the size of Scarlet Globe. It is round, bright crimson, attaining a maximum size before becoming pithy of one and three-quarters inches long by one and one-quarter inches in diameter. Crimson Giant is highly recommended for all general purposes. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.00, postpaid.

"7 Red Radishes"—A mixed packet of the 7 different kinds illustrated, 10c; oz., 15c; postpaid



EARLY SCARLET TURNIP

A round, red, turnip-shaped radish with small tops and of very quick growth, deserving general cultivation on account of its rich, scarlet-red color, almost crimson and its white, crisp and tender flesh. This is a standard variety for early outdoor planting for the home garden and market. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 90c, postpaid.

OLIVE-SHAPED VARIETIES

EARLY DEEP SCARLET OLIVE-SHAPED

An excellent deep carmine-red olive-shaped forcing sort, typical in its very small tops and early maturing roots, which should be pulled just as soon as in condition. The roots when fully grown are about one and one-half inches long by about one inch in diameter. The variety is suitable also for early outdoor planting. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00, postpaid.

FRENCH BREAKFAST

28 days. An olive-shaped radish, deep scarlet in color, except for a very slight white tip at the base of the root. It resembles Sparkler White Tip, except that it is slightly darker in color and is olive-shaped instead of round. Its season is shorter than the latter variety, and, therefore, it must be pulled soon after reaching its maximum size of one inch in diameter. The strain of French Breakfast as offered now is much improved over the old type. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 90c, postpaid.



French Breakfast.

LONG VARIETIES

LONG BRIGHTEST SCARLET (Long Cardinal)

One of the brightest and handsomest scarlet radishes. It is an improvement in earliness and color over other varieties of this class. The roots are fit for use in about twenty-five days and continue in good condition until fully grown when they are as large in diameter but a little shorter than Early Long Scarlet. The variety has small tops and can be used for forcing as well as for the open ground. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 90c, postpaid.

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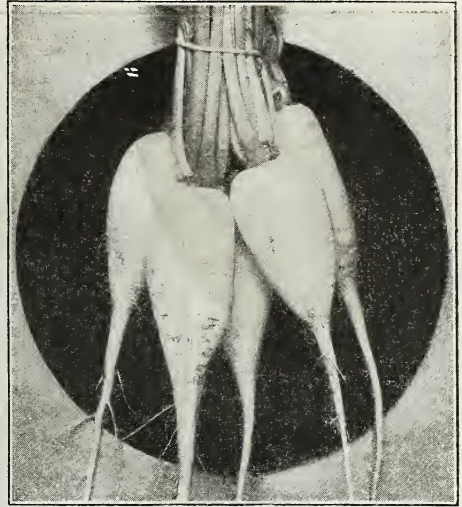
30 days. The root will attain a length of about five and one-half inches, tapering regularly from near the shoulder to the tip, holding this thickness for nearly its entire length, the thickest part being about one inch from the top. It will hold a week to ten days before becoming pithy. The color is a pure white, almost transparent, maturing five days later than Scarlet Globe. Having an attractive appearance and fine eating qualities, this variety is widely popular. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.00, postpaid.

LONG SCARLET SHORT TOP

Adams Superior French Grown. 30 days. One of the oldest varieties known in this country. The bright scarlet root will attain a length of from five to six inches, having a diameter of one inch. The flesh is crisp and tender. Care must be taken not to allow this variety to remain too long after attaining its full growth. Pkt. 10c; oz. 15c; ¼ lb. 45c; lb. \$1.25, postpaid.

WHITE STRASBURG

40 days. As a large summer radish desirable for late planting when earlier and smaller varieties will not keep under satisfactory conditions, it is very desirable. The maximum size of root before becoming pithy is about five inches in length and one and one-half inches in diameter. It will hold before becoming pithy from ten days to two weeks. One-fifth of the root usually grows above the ground. Pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00, postpaid.



White Strasburg.

BUY SEEDS WHICH REALLY ARE GUARANTEED

Adams Seeds ARE Guaranteed. Read the guarantee. It protects you. Some firms advertise Guaranteed Seeds, but you can never find that they actually DO Guarantee them. There is a difference.

WINTER RADISHES

Packets are ¼ oz. of Winter Radishes.

CALIFORNIA MAMMOTH WHITE WINTER

The roots of this very large White Winter sort grow nine to twelve inches long, by three to four inches or more in diameter just below the shoulder, tapering regularly to the tip. The flesh is very crisp and solid, decidedly pungent but well flavored, keeping well through the winter. The variety matures later than Celestial and the roots are not as mild but they attain a larger size under favorable conditions. For table use they are pulled before fully grown. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.00, postpaid.

ROUND BLACK SPANISH

The roots are round, sometimes slightly top shaped, three or four inches in diameter. The skin is almost black. The flesh is white, very compact, decidedly pungent, but well flavored. The variety keeps well through the winter. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.00, postpaid.

LONG BLACK SPANISH

75 days. The roots, when matured, will attain a length of five inches and a diameter of two inches. One of the best late varieties we know of. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.00, postpaid.

ROSE CHINA WINTER—(SCARLET CHINA)

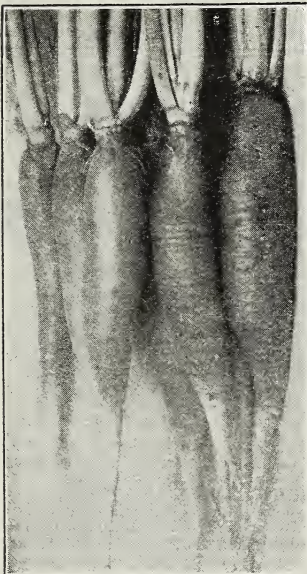
60 days. A variety of Chinese origin. It is recommended only for fall and winter use. The root will attain a length of about five inches by two inches in diameter. The outside skin is a bright rose color, the flesh white, solid, crisp and pungent. Its keeping qualities are comparatively good and it is a variety highly recommended. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.00, postpaid.

WHITE CHINESE—(CELESTIAL)

70 days. It is one of the largest radishes under cultivation, often attaining a length of twelve inches and a diameter of six inches. It is oblong in shape, tapering to a small tap-root. The fact that it is desirable for table use at any period in its growth is strongly in its favor. The color is pure white outside and in, and the quality of the flesh is extremely fine, especially if it is pulled before it attains its full growth. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.00, postpaid.

THE REASON

you should buy your Vegetable Seeds from The Adams Seed Co. is definitely clear, concise, and conclusive: They are BETTER than you can buy anywhere else. EVERY pound of seed which we grow or have grown is personally supervised and inspected by our Garden Seed Manager and most of the growers are obscure "Luther Burbanks" who specialize on certain varieties and bring them to a higher state of perfection than ordinary growers even try to. We personally are acquainted with our growers and get stock seed such as they will not let others have.



Long Scarlet Short Top, Grown by Vilmorin, Paris.



Adams Certified SEED POTATOES Northern Grown

As usual we have placed in our potato storage warehouses this fall our supply of strictly fancy seed potatoes, northern grown, and the very best for seed purposes. The person who plants an acreage of potatoes each year has learned from experience that a change of potato seed from the north to south pays better than any other seed. Consequently we grow our seed stock in the extreme north, and the big potato grower farther south sells off all his own crop, securing new northern stock each season, in this way often increasing his yield 50 per cent. Prices subject to change without notice. Bushel 60 lbs.; peck 15 lbs.

Any Variety, Postpaid,
1 lb. 25c; 5 lbs. 85c.

Early Ohio. The standard early potatoes; medium long with square ends; color, light red, deeper around the eyes. Vines small and die down very early. Often yields very large crops under high culture. Bushel, \$3.00; peck, \$1.00.

Green Mountain. A wonderful yielder. One of the most reliable of the late sorts or main crop varieties. It thrives on all potato soils and in most all localities, will yield big crops. Smooth white skin, tubers of oblong form, somewhat flat; eyes are few and well distributed. Flesh is solid white, fine grained, cooks dry and mealy. Bushel, \$3.00; peck, \$1.00.

Burbank. The Burbank is a creation of that California Wizard who has produced such wonderful results in the crossing of vegetables. This potato—by years of selecting and care in growing—selecting as to heaviness in yield, uniformity in ripening and richness in flavor, the Burbank is today, we believe, one of the finest quality late potatoes. Bushel, \$3.00; peck, \$1.00.

IRISH COBBLERS.

Next to Early Ohio Irish Cobbler Is the Most Popular Early Potato.

It is raised extensively by truckers to supply the eastern market. Its popularity has spread throughout the whole United States.

It is a most excellent early variety, maturing good sized tubers seven weeks from time of planting. It has the remarkable characteristic of producing very few, if any, small tubers, all the tubers being of marketable size. The vines make short, upright growth so that the hills may be only a short distance apart. The flesh is pure white with a clean, smooth white skin and in quality they are excellent, cooking very dry and mealy. Bushel, \$3.25; peck, \$1.00.

Rural New Yorker. The Rural New Yorker is more largely grown in the potato growing states than any other late potato and is the type of potato preferred on the markets. They are large and unusually smooth with a few shallow eyes, skin white as is also the flesh which is of superior quality. They are medium late and the best drouth resister. Bushel, \$2.75; peck, 80c.

SALSIFY Oyster Plant



This plant is largely grown for winter use and is highly esteemed for the fine flavor of the roots. These may be served boiled or may be sliced and fried. Soups made with the roots have a delicious flavor, somewhat like oysters. As the roots are hardy they may be left in the ground during winter, or they may be dug and stored in a cool cellar after cutting off the leaves.

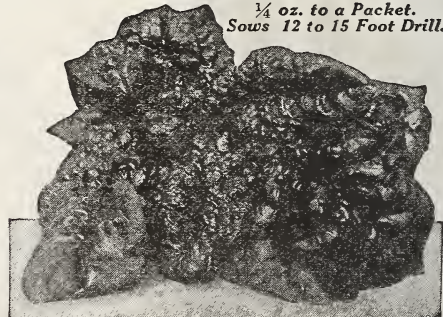
Sandwich Island Mammoth. This grows uniformly to an extra-large size, averaging full double the size and weight of roots of the old variety. The roots, notwithstanding their extra-large size, are of very superior quality and delicate in flavor. Seed grown on Burpee's Florida Farms in California. Pkt. 10c; oz. 20c; ¼ lb. 65c; lb. \$1.75, postpaid.

Round Thick Leaved. A variety which grows rapidly, forming a cluster of very large, slightly crumpled leaves of deep green color and good quality. Pkt.

5c; oz. 10c; ¼ lb. 30c; lb. 65c, postpaid.

SPINACH

¼ oz. to a Packet.
Sows 12 to 15 Foot Drill.



Doomsday Savoy Leaved (Norfolk Savoy).

45 days. It is probably in more general use than any other variety of spinach known in this country. Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.00, postpaid.

LONG STANDING THICK LEAVED

45 days. Although recommended especially for commercial growers, it will prove to be highly satisfactory for the home garden. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. 75c, postpaid.

New Zealand (Tetragonia Expansa). Unlike true spinach in type, and in that it thrives during hot weather and in any soil, rich or poor. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.25, postpaid.

Packet contains
one-quarter oz.

TURNIPS

Get Our Summer Price
List of Turnip Seed

PURPLE TOP STRAP-LEAF

55 days. This variety is about two weeks earlier than the Purple Top White Globe, much flatter and is strap-leaved. Although they can be grown to a much larger size for stock purposes, the roots are best for table use when about two and one-half inches in diameter. Pkt. 5c; oz. 10c; ¼ lb. 20c; ½ lb. 35c; lb. 50c, postpaid.

PURPLE TOP WHITE GLOBE

70 days. One of the late main crop sorts of excellent quality, remarkable as a keeper. When grown for table purposes, it should be gathered when but two-thirds grown. These qualities and its attractive appearance no doubt are responsible for its great popularity. No variety of turnip is more generally planted in America than Purple Top White Globe. For table use we would advise early gathering. For stock purposes the root should be allowed its full growth. Pkt. 5c; oz. 10c; ¼ lb. 25c; ½ lb. 40c; lb. 60c, postpaid.

WHITE EGG

50 days. An oval or egg-shaped turnip, with smooth, white, medium-size roots, half of which grow out of the ground. Pkt. 5c; oz. 15c; ¼ lb. 40c; ½ lb. 60c; 1 lb. 90c, postpaid.

EXTRA EARLY WHITE MILAN

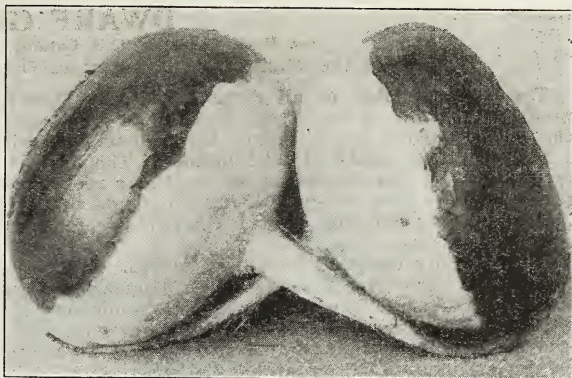
This variety is remarkably early. The tops are very small, strap leaved, upright and compact, so that rows can be planted close together. Of best quality when only about two inches in diameter. Mild sweet and tender. Very desirable for early use, especially for forcing. Pkt. 10c; oz. 20c; ¼ lb. 45c; ½ lb. 75c; lb. \$1.25, postpaid.

IMPROVED GOLDEN BALL—(Orange Jelly)

A distinct variety, one of the most delicately flavored of the yellow fleshed turnips. The flesh is crisp and of most excellent quality. The roots are in best condition for table use when about three inches in diameter. This variety is of quick growth, adapted to spring as well as fall planting, and keeps exceptionally well. Pkt. 5c; oz. 10c; ¼ lb. 25c; ½ lb. 40c; lb. 60c, postpaid.

SEVEN TOP

This sort is cultivated extensively in the south for the tops which are used for greens. This sort is very hardy and the growth usually continues throughout the winter. The variety is not generally depended on for the roots, since the tops are produced so abundantly. Pkt. 5c; oz. 10c; ¼ lb. 30c; ½ lb. 45c; lb. 65c, postpaid.



Purple Top White Globe

AMBER GLOBE

65 days. This turnip is grown very largely for stock feeding. The roots attain a large size and are globular in shape. Pkt. 5c; oz. 15c; ¼ lb. 40c; ½ lb. 65c; lb. \$1.00, postpaid.

EARLY WHITE FLAT DUTCH

45 days. This is an extremely early white turnip, very desirable for table use. It is especially popular in the Southern states. Pkt. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 50c; lb. 75c, postpaid.

EXTRA EARLY PURPLE TOP MILAN

45 days. A most delicious garden variety of turnip. It is very early, rather small, sweet and tender. This variety is well adapted for forcing, as well as growing in home gardens. Pkt. 10c; oz. 30c; ¼ lb. 45c; ½ lb. 75c; lb. \$1.25, postpaid.

LONG WHITE COW HORN

60 days. Of excellent flavor, but for table use it is a variety which should be used when it is three to four inches long. A desirable stock turnip. Pkt. 10c; oz. 25c; ¼ lb. 60c; ½ lb. 90c; lb. \$1.50, postpaid.

POMERANIAN WHITE GLOBE

65 days. One of the most productive turnips cultivated. When the ground is sufficiently rich, they will produce roots often ten to twelve pounds in weight. Roots are globe shaped but slightly flattened. Skin very white and smooth. Principally grown for stock feeding, but may be used for table if pulled when young. Pkt. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 50c; lb. 75c, postpaid.

RUTA-BAGA, or SWEDE

IMPROVED AMERICAN PURPLE TOP

90 days. An excellent sort for either table use or stock feeding. The roots are globular but grow to a large size and are of splendid quality. Pkt. 5c; oz. 10c; ¼ lb. 25c; ½ lb. 40c; lb. 60c, postpaid.

GOLDEN NECKLESS

The roots grow to large size and are almost globular. The finely grained yellow flesh is solid and of the finest quality. Keeps well until late in the spring. Pkt. 10c; oz. 15c; ¼ lb. 25c; lb. 80c, postpaid.

WHITE SWEDE—(RUSSIAN)

An excellent keeper and very desirable either for the table or for stock. The tops are small, with leaves cut at the edges. The roots are very large, nearly globe shaped or somewhat top shaped with small neck; color white with a shade of green or bronze at the top. The flesh is white, very firm and sweet. Pkt. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 50c; lb. 75c, postpaid.



RHUBARB *Pie Plant*

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

Rhubarb Roots. 1 year old, 3 for 35c; 12 for \$1.25, postpaid; not prepaid, 100 for \$7.00; 2-year-old size, not prepaid, 2 for 30c; 12 for \$1.50.

TOBACCO *Packet contains one-eighth ounce*

	Oz.	¼ Lb.	Lb.
Connecticut Seed Leaf.....	\$0.50	\$1.50	\$4.00
Fine Havana .....	.50	1.50	4.00
Comstock Spanish .....	.50	1.50	4.00
White Burley .....	.70	1.75	4.50
Each variety 10c per Pkt. of ¼ oz.			

Refer to our Planting Tables in front of book

TOMATOES

Each Packet Contains
One-Eighth Ounce.

DWARF GIANT

See Back Cover of This Catalog for Colored Illustration.

One of the Many Famous Tomatoes Originated by W. Atlee Burpee Co.

The largest-fruited of all dwarf tomatoes! The tomatoes are truly gigantic in size. They are produced in clusters and weigh from 10 to 20 ounces each. The color is a rich purple-crimson and the depth of color is maintained throughout the entire fruit.

It is the most meaty of all tomatoes! The flesh is so firm and the tomatoes are so heavy that they might be described as almost solid as a rock! Dwarf-Giant is the most nearly seedless of all tomatoes. The firm fine-grained flesh extends to the very center, with no trace whatever of a core.

Unequaled in delicious flavor! In rich sweet flavor it surpasses even Matchless, as well as its parent, Ponderosa.

Of uniformly compact, bush-like growth. It is of the true dwarf type, and the plants are very strong and vigorous. The new Dwarf-Giant is most productive and has only one fault: originated from a cross made between Dwarf Champion and Ponderosa, it inherits the character of the latter parent to bear "ribbed" fruits. This, however, does not seriously affect this splendid variety. It is a midseason or main-crop tomato. It ripens a week to ten days earlier than Ponderosa, and the plants continue to mature the superb "giant-solid" tomatoes in abundance until killed by frost.

Packet 15c; oz. 75c; ¼ lb. \$2.50; lb. \$7.50, postpaid.



Bonny Best

ACME

An old standard variety which we list for those who know—and want it. Pkt. 10c; oz. 45c; ¼ lb. \$1.25; lb. \$4.00, postpaid.

BEAUTY

This is a favorite tomato of the so-called pink or purple class. Where growers have markets preferring that color, Beauty has been extremely satisfactory. It is recommended for home garden purposes. Pkt. 10c; oz. 35c; ¼ lb. \$1.25; ½ lb. \$3.00; lb. \$5.50, postpaid.

BONNY BEST

It is a selection from the older Chalk's Early Jewel, the fruits being from ten days to two weeks earlier than that variety, thus placing Bonny Best almost in a class with Earliana. Compared to Earliana the fruit is far more solid, in that the seed cavities are small. One of the foremost canning varieties for pulp and soup purposes. Its marvelous eating qualities, its beautiful appearance and the ease with which it may be grown, recommend it unquestionably for the home garden. Pkt. 10c; oz. 65c; ¼ lb. \$1.75; ½ lb. \$2.75; lb. \$4.50, postpaid.

DWARF STONE

Commonly spoken of as the Potato-Leaved Tomato. This variety will only grow to a height of about eighteen inches. For its size, it is very prolific. It is especially desirable for the home garden, owing to the compact character of the vines. The fruits will average three and three-quarter inches in diameter and two and three-quarters inches in depth. Color is bright scarlet. Pkt. 10c; oz. 55c; ¼ lb. \$1.60; ½ lb. \$2.50; lb. \$4.25, postpaid.

EARLIANA (SPARKS)

Now considered one of the four most important Tomatoes. Its chief merit is in its earliness of ripening, and this alone has been responsible for the prominence it has gained. It is one of the best money-makers during the whole tomato season, especially with farmers having early land. It will attain a size of about three inches in diameter. Pkt. 10c; oz. 65c; ¼ lb. \$2.00; ½ lb. \$3.50; lb. \$6.00, postpaid.

CHALK'S EARLY JEWEL

One of the very best early scarlet fruited sorts, and on account of its large size, excellent quality and productiveness, one of the most satisfactory sorts for the home garden. Pkt. 10c; oz. 50c; ¼ lb. \$1.50; ½ lb. \$2.50; lb. \$4.00, postpaid.

DWARF CHAMPION

This is sometimes sold as the "Tree Tomato." It is a second early or main crop, purplish pink variety, especially desirable where garden space is limited. The fruits are medium sized, exceptionally smooth and of very good quality. Pkt. 10c; oz. 65c; ¼ lb. \$1.75; ½ lb. \$2.35; lb. \$4.50, postpaid.



John Baer

TOMATOES

JOHN BAER

An extra early scarlet fruited variety of superior merit. The vines are very hardy and exceptionally productive. The fruits are the largest of the extra early sorts and are also most attractive in color. They are nearly round, smooth, firm and of excellent quality. It is one of the very earliest to ripen its fruits and it continues to furnish marketable fruits much longer than other very early varieties. It is an invaluable sort for market gardeners, shippers and canners. Pkt. 10c; oz. 50c; ¼ lb. \$1.50; ½ lb. \$2.50; lb. \$4.00, postpaid.

MATCHLESS

A main crop variety, very popular in the east. The fruits are very large, smooth and symmetrical, ripening well to stem. The flesh is rich, bright red in color and of fine quality. Pkt. 5c; oz. 35c; ¼ lb. \$1.25; ½ lb. \$2.00; lb. \$3.50, postpaid.

JUNE PINK

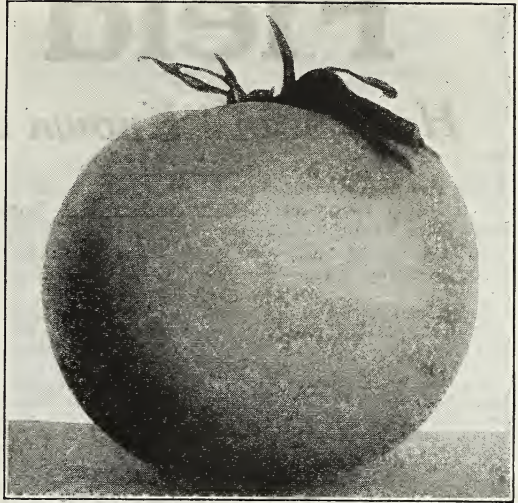
This variety is a pink-fruited Earliana, resembling that tomato in almost every respect. The stock we offer is from a most reliable source. Pkt. 15c; oz. 60c; ¼ lb. \$2.00; ½ lb. \$3.75; lb. \$7.00, postpaid.

PERFECTION

A medium-to-large main crop tomato of deep crimson scarlet color and of good quality. It is much used for the home garden. Pkt. 10c; oz. 65c; ¼ lb. \$1.50; ½ lb. \$2.50; lb. \$4.50, postpaid.

TROPHY

A very large, midseason or main crop tomato, unsurpassed in rich, deep crimson-scarlet color and of excellent quality. The fruits are very solid, smooth and of uniform size. The variety is desirable for canning and is also good for slicing. Pkt. 10c; oz. 65c; ¼ lb. \$1.50; ½ lb. \$2.50; lb. \$4.50, postpaid.



Stone

YELLOW CHERRY

Fruits small, about five-eighths of an inch in diameter, perfectly round and smooth. Fine for pickles and preserves. Pkt. 10c; oz. 65c; ¼ lb. \$1.75; ½ lb. \$3.00; lb. \$5.00, postpaid.

GLOBE (LIVINGSTON'S)

The color is a rich pink-purple, and the quality is superb. Globe has been extremely successful as a shipping tomato from Florida and Texas, one hundred and forty-five fruits filling a standard carrier. The stock offered may be relied upon. Pkt. 10c; oz. 65c; ¼ lb. \$1.50; ½ lb. \$2.50; lb. \$4.50, postpaid.

PONDEROSA

A purple tomato which is one of the largest under cultivation. It is recommended for home garden and for nearby market shipments, but it is not suitable for long-distance work. Pkt. 10c; oz. 50c; ¼ lb. \$1.75; ½ lb. \$3.00; lb. \$5.50, postpaid.

STONE

This variety is similar to Greater Baltimore, but a week later. The foliage is somewhat larger and more prolific, while the fruit is slightly smoother and less flat in form. An excellent canning and slicing sort, widely used except in the South. Pkt. 5c; oz. 35c; ¼ lb. \$1.25; ½ lb. \$2.00; lb. \$3.50, postpaid.

YELLOW PLUM

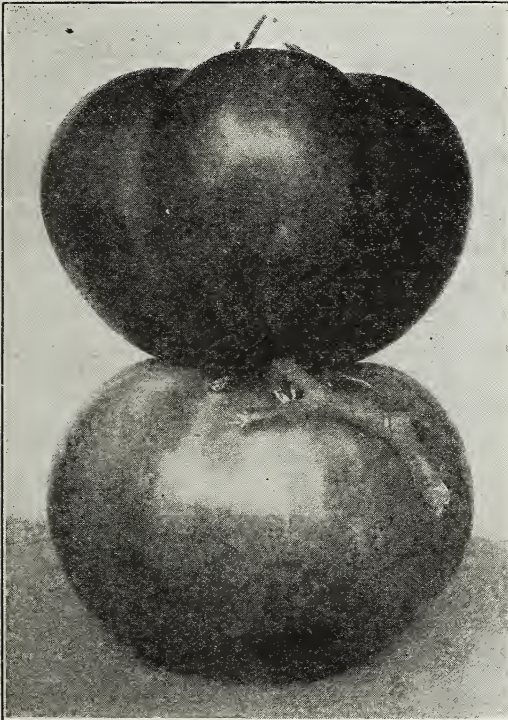
A pickling tomato, averaging about one and one-half inches in length. This variety is a very prolific bearer and very easily grown. Pkt. 10c; oz. 65c; ¼ lb. \$1.75; ½ lb. \$3.00; lb. \$5.50, postpaid.

PEAR SHAPED YELLOW

For preserving. Pkt. 10c; oz. 85c; ¼ lb. \$1.65; lb. \$5.00, postpaid.

STRAWBERRY (WINTER CHERRY OR HUSK TOMATO)

Unequaled for making preserves and pies. Pkt. 10c; oz. 50c; ¼ lb. \$1.50; lb. \$4.00, postpaid.



Matchless

ADAMS WORLD-RENOUNDED Field Seeds

Have been "Known and Grown Since '66"

From the Atlantic Ocean to the Pacific—from the cold, trying farm-lands of Northern Canada to the warm sunny shores of the Gulf of Mexico—England, Holland, Denmark, Sweden, Norway, France—and other foreign countries have purchased from Decorah, Timothy and other Field Seeds until we can now say in all modesty—and truth—"Adams Purity Brand Field Seeds have made Decorah famous in many states—and foreign countries—and in several languages."

The Adams Seed Co. is proud of Decorah, of Winneshiek County,—and proud of the famous seed growing section of Iowa, Minnesota, Wisconsin and Illinois of which Decorah is the geographical heart.

We were fortunate to be born here. To start business here. And we shall never cease telling the world of the agricultural wonders—magnificent scenery, model farms, fertile soil—and the God-endowed conditions which have made this section of our great country truly famous for the strong-growing, pure, true-to-type Field Seeds which it produces for man's benefit all over the globe.

150,000 Copies of this Catalog have been mailed, including every state in the United States—and to 20 foreign countries.

We have done much to free a large section of our world from weed seeds. In the large field seed growing section of which Decorah is the distributing outlet we have for many years cleaned out the weed and other undesirable seeds from lots of seed grown by farmers in that section who have brought their "stock-seed" in to us to be expertly and thoroughly cleaned. We have made no charge for this service. We were interested in seeing their next crop cleaner than the previous one. In this way, year after year, we have widened the circle of our usefulness until a very wide area of our growing section has been freed of many weeds, and the seed grown therefrom, which has year after year been distributed all over the United States and Europe, has been increasingly cleaner and healthier.



Hay Crop from Adams Purity Brand Seed on one of Winneshiek County's hill-sides near Decorah

The Four Famous Brands of Adams Field Seeds



99½% PURE



99¼% PURE



99% PURE



98% PURE

By referring to our Field Seed Price Sheet enclosed with this catalog you will see that we offer different brands of seeds. This is done to meet the differing demands of our general trade as regards quality and price. We are selling to farmers of all classes—some of whom wisely make quality the first consideration and appreciate the fact that the best seeds obtainable really pay the best—others are less exacting on quantity and while wanting good seeds are unwilling to pay the price which "cream of the market" seed must command.

While we will not offer for sale at any price, seed that is not reliable, we recognize the demand for different grades of seed by putting out different brands at different prices, each of which represents the greatest possible value for the money. Each of our brands consistently grades higher by every test than the corresponding brands of other seed houses. Our PURITY BRAND excels anything else obtainable in seeds, and our next quality, DECORAH BRAND, fully equals the highest quality put out by other concerns.

Our PURITY BRAND Seeds are unexcelled anywhere in the world. They are nearly 100 per cent perfect in purity as the most improved processes of cleaning can make them—carefully graded, even in color and appearance and uniformly high in germination percentage.

Adams Field Seeds are Grown in the Right Latitude, in the Right Soil, by Expert, Experienced Seed Growers to Produce Strong, Prolific Yields.

Our business started as a field seed business—for years before we began selling garden seeds we had an established reputation for selling the best and purest grass seed and seed grain that could be bought anywhere. The processes of cleaning and grading we developed enabled us to deliver seeds testing exceptionally high—in fact, steadily going away beyond state and government requirements. Big, wholesale seed houses all over the country have for years bought Adams' Timothy in carlots as the most dependable that could be bought anywhere.

One of the biggest factors in making Adams' Seeds give exceptional satisfaction is found in their careful selection with reference to the climate in which they are to be planted.

When you buy seed from us we see to it that you get seed that is adapted to your latitude—not something that may produce enormous yields elsewhere but fail to mature crops in the locality where you

live. For quality they are absolute top-notchers, and the value that is in them makes them cheap at the prices we ask. If you want to give your land the best chance in the world to produce big yields and make you the biggest possible profits per acre, Purity Brands Seeds are your "best buy."

DECORAH BRAND Seeds are nearly as pure and high in germination tests as the Purity Brand. They are not quite so fancy in appearance or uniform in color, but are superior to most other seeds on the markets.

Those of you who are not so particular about appearance will find Tasco Brand very satisfactory and an excellent value.

We particularly recommend and urge the purchase of PURITY BRAND and DECORAH BRAND Seeds, as you will find the yields enough better to more than compensate for the difference in cost. These are the two brands in which we have built up our wonderful reputation as dependable seedsmen.

Our Tasco Brand represents a remarkably good quality of seed, but not quite so clean as PURITY and DECORAH. The standard we have set for it is 99% purity test. Many farmers call for seed of this standard and we unhesitatingly recommend Tasco as the best value in its class on the market today.

live. Since we do a national business, we must offer kinds of seed suited to different latitudes—but we are careful in our descriptions to specify the origin of the seed and the latitude in which it can be expected to give first class results.

We specialize on Northern grown seed, because this has great hardiness and vitality and will produce big, high-quality crops in latitudes much farther south than where it originates—whereas, owing to shorter growing seasons and more rigorous climate, planting seed in your latitude which was grown farther south is always a great deal of a gamble.

Our Timothy, Clovers and other grass seeds and seed grains are all strictly Northern Grown, selected from the very choicest lots, mainly secured from the most favored growing sections of northern Iowa, Minnesota and Wisconsin. We are specialists in hardy, Northern Grown seeds—dependable seeds that are safe to sow and sure to satisfy.

How Will You Know You GET the High Percentages of Purity, Germination and Growth?

First of all, our seed is grown in territory where hardy, productive seed is raised year after year. But that's only the starting step—the first safeguard which we throw around the seeds which we offer you. Experts see to it that every ounce of Adams' seed is cleaned and graded with the most exacting care. Weed seeds are removed by our battery of big cleaning machines—so thoroughly removed that Adams' Seeds regularly show considerably higher percentages of Purity than the strictest state laws demand.

Scientific tests for germination and probable growth are made in Standard Seed Testers—the most accurate equipment ever devised for showing the vigor and planting value of seed corn, grass seeds, grain seed and vegetable seed. These testers not only show whether seeds will sprout but also show whether those that do sprout have sufficient vitality and the number of feed roots necessary to make big yields profitable. As operated in our testing laboratories, we eliminate, as far as it is humanly possible to do so, the element of chance in planting. That's why Adams' Seeds grow bumper crops.

The results obtained from tests of Adams' Seeds made in U. S. Government laboratories and agricultural colleges bear out our claims for superior purity and germination. Every year quantities of Adams' Seeds are so tested with remarkably high reports. For example, in recent analyses of Adams' field seeds made by the Iowa Agricultural Experiment Station at Ames, Iowa, and the U. S. Bureau of Plant Industry at Columbia, Mo., forty-seven separate car lots taken at random showed an average of 99.65 per cent purity—2.65 per cent in excess of Iowa requirements.

By the terms of our guarantee all our seeds are sold subject to test at your State Agricultural Experiment Station.

Why take chances on seeds of unknown or doubtful value when by ordering from this catalog you can secure from this big, long established seed house the protection which expert selection, cleaning, grading and testing gives you—backed by a nation-wide reputation for selling only pure, high-test, true-to-name seeds?

THE ADAMS GUARANTEE ON FIELD SEEDS

We exercise great care in growing, selecting, sorting, re-cleaning, grading and testing ADAMS CERTAIN SEEDS and fully guarantee them as follows:

We guarantee the purity and germination of our field seeds to be as represented, with the understanding that immediately on receipt, of shipment you will send a true, average sample (taken from each bag in the lot) to your State College for test. Should their analysis show that our seed is not as represented, mail your State College report to us within 15 days after arrival of the shipment, and upon receipt of the returned seed, we will either replace same free of charge, or refund the money.

Since success in gardening or farming depends largely upon soil, cultivation, climate and other conditions beyond our control, and because of the possibility of error, we give no warranty, express or implied (except as stated above) as to description, quality, productiveness, or any other matter of any Seeds, Bulbs or Plants, we send out and we will not be in any way responsible for the crop. If the purchaser does not accept the seeds on these terms and conditions, they are to be returned at once and the money that has been paid for them will be refunded.

WARNING—Be sure you get this guarantee with the seeds you buy. Do not be satisfied with less. Some unscrupulous dealers have attempted to copy our guarantee, but **do not** allow you time after the arrival of your seed. **We allow you 15 days.**

This guarantee goes on every tag attached to our shipments and every invoice we send out. It is purposely made plain and simple so that everybody who reads it can readily understand just what we do to protect our customers.

The provisions it contains are fair ones which protect both parties to the sale. We can and do take every possible precaution to see that the seeds we ship are absolutely as represented. We, however, have no means of knowing to what unfavorable conditions our seeds are subjected after they leave our plant and so cannot allow their return except under the conditions stated in our Guarantee.

Beware of so-called Unconditional or Blanket Guarantees. Close reading will show that there are "jokers" in them that make it almost impossible to return the shipment and get your money back.

The Adams' Guarantee is the fairest possible plan, since it is based on your State College Test, and the only one, in our opinion, that any reliable seed house can stand back of to the limit, and still stay in business.

We won't promise impossibilities. We cannot control soils, or weather, so cannot guarantee crops, but we can, will and do guarantee our seeds as stated above, and we stake our reputation and expectation of continuing in business for many long years to come on the way Adams' Seeds make good our claims.

Iowa Law Protects You When You Buy Seeds From Us

The state of Iowa protects you on every ounce of seed you buy from us. We are absolutely prohibited from selling—or even giving away—for seed, a single ounce of any field or garden seed that contains Quack Grass, Canada Thistle, Dodder, or any one of four other pest weeds.

This law, one of the wisest on the statute books of this great state—applies only to seed houses located in Iowa. It cannot reach outsiders. If you want protection you must buy your seeds inside this state.

Purity and Tasco Brand Seeds were pure seeds years before this law was ever advocated. They were sold then, as today, subject to the test of your State Agricultural College, and we agreed to take back any shipment found unsatisfactory, and to refund every penny

of the purchase price. That was something no other seed dealers had ever done.

The Seed Law made necessary no change in our way of handling seeds. It did not make our famous brands any better—they met the provisions of the Law before it existed. It did, and does, however, give you assurance that Adams' Seeds are safe to plant.

Why is PURITY BRAND SEED your best buy?

Why does it cost more? Why is it worth more Dollar for Dollar, Seed for Seed or Acre for Acre than other seeds?

To illustrate: Five lots of seed are brought in, selected from the best offerings of the crop. After cleaning, re-cleaning, grading, sorting and testing the result is as follows:

Lot No. 1, 1000 lbs.	60%	PURITY	600 lbs.
	25%	Decorah	250 lbs.
	12%	Tasco	120 lbs.
Lot No. 2, 1000 lbs.	3%	Oneota	30 lbs.
	50%	PURITY	500 lbs.
	25%	Decorah	250 lbs.
Lot No. 3, 1000 lbs.	15%	Tasco	150 lbs.
	10%	Oneota	100 lbs.
	35%	PURITY	350 lbs.
Lot No. 4, 1000 lbs.	40%	2nd Grade	400 lbs.
	10%	3rd Grade	100 lbs.
	15%	4th Grade	150 lbs.
	15%	PURITY	150 lbs.
	40%	2nd Grade	400 lbs.
	30%	3rd Grade	300 lbs.
	15%	4th Grade	150 lbs.

—In other words after selecting the best seed we can get we go through all the various operations of cleaning, grading, sorting, testing, etc., and out of 4000 lbs. we get:

1600 lbs. of PURITY BRAND
1300 lbs. of 2nd Grade
670 lbs. of 3rd Grade
430 lbs. of 4th Grade

Now to sum up—you head your herd with a Thorbred, not a Grac animal or a Scrub. Are you taking chances on your crop with Low Grade Seed or do you want Thorbred Seed? A scrub animal gets scrub offspring—low-grade seed gets low-grade crops. The work and expense to raise is the same in either case.

Expert Advice on Farm and Soils, Free

We don't stop with breeding choice seed and preparing it for the market by the best processes available. We maintain a special department, to give you expert advice on farm crops and soils. Without charge or obligation, our farm expert will suggest the kind of crops best suited to different kinds of soils, the relative feed values of different crops you are thinking of planting, the varieties of seed best suited to your latitude and soil—the most effective way of getting rid of weeds, etc. Write us about your soil, location, previous cropping, etc., and he will tell you what kind of crops to plant and what variety of seed. He will also make free tests of your soil for acidity and advise you regarding the proper rotation of crops to avoid exhausting the fertility of your farm.

This advice, which may easily be worth hundreds of dollars to you this year is free given gladly because we want to be of the greatest possible service to our customers and to do everything in our power to make Adams Seeds produce the biggest possible crops.

ADAMS Certain SEEDS "Known and Grown Since '66"

ADAMS TIMOTHY SEED

*From the World's Greatest Timothy Seed Section—
From the Largest Growers and Handlers Of It—The Adams Seed Co.*

Pure, hardy northern-grown seed at prices, quality considered, that can't be matched.

Adams' Timothy Seed has a wonderful reputation. Our business in carload lots is very large and we export large quantities to Canada and Europe.

We are advantageously situated in America's greatest Timothy section and have buying connections that enable us to secure the choicest and finest seed grown. This super-seed is cleaned, graded and tested by special methods of our own, developed through years of study and experience and made possible by specially built machinery.

As a result Adams' Timothy Seed stands in a class by itself. Adams' Purity Brand Timothy is the world's standard—unrivalled for purity and germination, while each of our other brands ranks fully on a par with (and often better than) the highest grades offered by other seed houses. Comparative tests of samples will show that this is no exaggeration.

Our Timothy is noted for its evenly high quality. In one recent season we shipped out more than 50 carloads, testing higher than 99½% pure.

The big scale on which our Timothy business is conducted not only enables us to obtain the very choicest seed, but also to sell at prices which, quality considered, mean a decided saving to our customers.

Our 1922 Timothy is all new seed crop, grown on rich Northern Mississippi Valley land where the very choicest Timothy in the country is always grown. It is clean, firm and hardy and has remarkably high purity and germination tests.

When you sow Timothy you want a big, sure yield of high-grade hay or seed. Sow Adams' Timothy and you'll get it. Sow 6 to 10 lbs. with grain or up to 15 lbs. when seeded alone.

Two New Clovers from Australia

Imported by
The Adams Seed Co.
1922.

SUBTERRANEAN CLOVER

THE GREAT FODDER FOR POOR, DRY
GRAVELLY LAND OR STONY RISES

Subterranean Clover is a first-class plant for all soils, but excels on poor, dry, gravelly land or stony rises, and, in the western districts of Victoria it has converted large areas of useless country into first-class grazing land for sheep and cattle. Subterranean Clover is a first-class business proposition. Taken over a period of years it is ten times less costly than any other permanent pasture plant.

WHY YOU SHOULD PLANT SUBTERRANEAN CLOVER

1. Although an Annual, it reseeds itself every year, and only requires to be sown once in a lifetime.
2. Once established, is thoroughly permanent and starts again each year in the Autumn.
3. Yields a large amount of palatable pasture greatly relished by Sheep and Cattle.
4. Sheep and Cattle will subsist through the summer on the residue of stems and seed pods.
5. Makes valuable Meadow or Clover Hay for Dairy Cows.
6. It is a nitrogenous and soil-improving plant.
7. Once sown, needs no cultivation whatever.
8. Is most valuable in the suppression of noxious weeds.
9. Grows well on dry, gravelly ground, and especially on stony rises where other pasture plants will not thrive.
10. Is easily eradicated by ploughing, and can never become a pest.
11. Doubles and trebles the carrying capacity of poor and medium quality land.

Oz. 25c; ¼ lb. 75c; ½ lb. \$1.25; lb. \$2.50, postpaid.

The Adams Seed Co. is introducing these Clovers to their customers for trial. We believe them both worthy of a liberal planting test. The descriptions printed here are taken from a circular of Brunning's in Australia, from whom we imported the seed, and the statements made were addressed to their customers in that country. We reproduce their descriptions and claims for the information of our trade, and believe them to be correct and true, but until we have grown a crop of both varieties for a year or two, we cannot tell you exactly what the results are in this country. We think—in fact, we are confident—that if your conditions fit either variety, you will be short-sighted if you fail to sow some of the seed and get a start on some of your neighbors. Besides the value of the clover crop, the seed will bring you a fine, high price for a couple of years.

STRAWBERRY CLOVER

(Brunning's "Tarwei" Shelled Seed)

THE PLANT FOR SWAMPS, MARSHY
GROUND AND MOIST LOCALITIES

Strawberry Clover is a perennial which is only just becoming thoroughly appreciated as a pasture plant for swamps and wet, marshy ground, and as it becomes better known, will be more largely grown. For moist situations there is no better clover. The difficulty in the past has been the trouble and high cost of dehiscing the seed, a process which formerly had to be done by hand. Brunning's are in possession of special machinery, which enables the process of dehiscing to be carried out expeditiously and cheaply, and without causing any injury to the germ of the seed.

SPECIAL FEATURES OF "TARWEI" STRAWBERRY CLOVER

1. The best of all plants for moist, heavy soil, swampy ground and marshy land.
2. Is a great milk producer.
3. Unequaled for fattening cattle for market.
4. An excellent and most palatable fodder for sheep, horses and pigs.
5. Furnishes pasture practically the whole year round.
6. Supplies late summer and autumn fodder when other grasses and clovers are dormant.
7. Does not bloat cattle or sheep.
8. Rich in protein content.
9. A great factor in improving land values by increasing productivity.
10. Will grow luxuriantly on land too low, too wet, or too acid for Ryegrass, Cocksfoot, Lucerne or Red Clover.
11. Extremely hardy, withstands frosts well and furnishes good pasture right through the winter when not flooded.
12. Will stand being covered with still flood water without injury for considerable periods.
13. Delights in heavy salty land and river flats near the sea coast and thrives in this class of country.
14. Exceptionally valuable for land that is liable to crack in summer.
15. Valuable for binding washouts and preventing low-lying places from washing bigger.
16. A preventative of grass fires, being green when other grasses and clovers are dying off.

Oz. 50c; ¼ lb. \$1.50; ½ lb. \$2.50; lb. \$4.75, post-paid.

The only true measure of land values is yield per acre

Special Mixtures for Pasture and Meadow

MIXED ALSIKE AND TIMOTHY

Of all the various combinations of different grass seeds Alsike and Timothy is the best. For actual value—either for pasturage or for hay crop—there's nothing that equals a rightly proportioned mixture of these grasses. One perfectly supplements the other in feeding content, and the same soils and growing conditions serve both equally well.

Alsike and Timothy make an ideal combination, because both are perennials, both are adapted to the same soil, each aids the other in developing, both flower at the same time and they are ready for cutting at the same time. They cure together much better than Timothy and Clover and produce a brighter, better-colored, more edible hay, with a higher nutritive or food value, and much relished by all farm animals. The two reach maximum production growing together—the Alsike supplies nitrogen to the soil which the Timothy needs, and the Timothy supports and protects the Alsike. Grown together these grasses will not winter-kill, and they grow well on any lands where either one will grow alone, or where any of the ordinary grasses and legumes flourish.

On low, wet land—such as recently drained fields—there is absolutely nothing as good as the Alsike-Timothy combination, either for crop value or for reclaiming the land. This combination grows and flourishes on newly-drained land that is usually sour and may contain alkali. It will enrich this kind of soil by the addition of necessary humus and put it in condition to grow big grain crops.

Mixed Alsike and Timothy produces a permanent meadow or pasture that can be depended on until you want to break it up. You don't have to break and reseed every year or two.

You can't buy, at any price—or mix for yourself—any other combination of grass seeds that can be depended upon to produce as great quantities of equally satisfactory feed under ordinary conditions. Further, you can save from one-third to one-half in the cost of your seed by buying our ready-mixed Alsike and Timothy. Our price on our great mixture is but a little higher than on pure Timothy seed, whereas the cost of pure Alsike seed is approximately three times that of Timothy. As the Adams mixture is about one-third Alsike to two-thirds timothy you effect a very considerable saving over buying the seeds separately and mixing them. In fact, you get the greatest hay and pasture combination at practically the Timothy seed price.

Sow this big money-making combination this year. Buy our carefully cleaned, high germination test, guaranteed mixture and have a heavy-yielding, permanent pasture or meadow at minimum cost. This mixture is all pure Northern grown seed.

MIXED ALSIKE, RED CLOVER AND TIMOTHY

This combination is bought by many of our farmer friends because of the excellent quality of hay which it makes. The combined yield is larger than when either of the three is grown alone. The introduction of Alsike into the combination makes the seeding more permanent and insures good pasturage after the field is no longer profitable for haying.

Adams Mixed Alsike, Red Clover and Timothy is grown and threshed together, consequently can be sold at an immense saving over the cost of hand mixing the three different kinds of seed. The seed comes up to the same high standards of purity and germination as our famous Alsike and Timothy Mixture and can be relied on for growth and quality. We guarantee it, of course.

MIXED TIMOTHY AND RED CLOVER

This good old-time hay-field and pasture mixture has many staunch supporters and deserves them, for it is certainly a mighty good combination.

Grown together, Timothy and Red Clover produce a much better quality of hay than either does when grown alone, and the hay is much easier to cure and handle than clover. The nitrogen gathered on the nodules on the clover roots furnishes the Timothy with the best kind of food for growth, so that consequently it does better than when grown by itself.

As Adams Mixed Timothy and Red Clover Seed comes from fields where the mixture is grown, it can be sold much cheaper than the same quantity of these seeds bought separately. The mixture is all carefully cleaned, tested and graded and of cracker-jack quality for growing this very popular hay crop.

Our prices are always as low or lower than seed of as good quality can be obtained for elsewhere.

Our specialized experience in developing and preparing Meadow and Pasture mixtures, coupled with the success which our customers are having with them year after year makes it to your advantage to buy from Adams every time.

Adams "Extra-Good" Pasture Mixtures

For permanent pastures it is well recognized that mixtures of various sorts of grasses are best. Just what mixture is best suited for the particular pasture depends on whether the ground is high or low, season is short or long, climate is moist or dry, etc.

We have devoted a great deal of study to the preparation of suitable Pasture Mixtures, and those we are willing to recommend for your conditions will be

found splendid yielders—first of hay, then permanent pasturage.

The mixtures we offer include combinations of the best varieties of choice re-cleaned Red and Mammoth Clover, Alsike, Alfalfa, White Clover, Sweet Clover, Blue Grass, Timothy, Red Top, Orchard Grass, English Rye, Meadow Fescue, etc., etc. Ask for samples, stating soil and climate conditions on your place.

Permanent Pasture and Meadow Mixtures

PERMANENT UPLAND MEADOW

Provides a mixed hay of best quality. It also may be pastured after cutting should it be preferred to use it in that manner. Based on 3 lbs. red clover, 3 lbs. alfalfa, 6 lbs. timothy, 1 lb. English blue grass, 1 lb. perennial rye grass and 1 lb. orchard grass per acre.

PERMANENT UPLAND PASTURE

For ordinary soils and desirable for all kinds of stock. Grasses are all hardy and will furnish pasture from early spring until severe freezing weather. Basis per acre: Alfalfa, 1½ lbs., Alsike clover, 1½ lbs., red clover, 1½ lbs., timothy, 3 lbs., perennial rye grass, 1 lb., English blue grass 1 lb., Kentucky blue grass 2 lbs., Red Top 2 lbs., orchard grass 1½ lbs.

PERMANENT LOWLAND PASTURE

Particularly recommended for low, moist lands or for pastures that do not have drainage sufficient to throw off rains quickly. All are hardy and perennial, so that the pasture should remain in good condition for many years. Basis per acre: Alsike clover 3 lbs., timothy 4 lbs., Red Top 4 lbs., English blue grass 2 lbs., Kentucky blue grass 2 lbs.

PERMANENT LOWLAND MEADOW

Peculiarly adapted for heavy and wet soils and for those fields that are under water after heavy rains. Basis per acre: Alsike clover 3 lbs., timothy 3 lbs., Red Top 3 lbs., English rye grass 3 lbs., and meadow fescue 3 lbs., a total of 15 lbs. These are all perennials.

Watch The Red Discount Sheets

AND SPECIAL FIELD SEED PRICE LISTS

For Special Lot Offerings of Mixed Seeds

For one reason or another, we occasionally have on hand Special Lots of Mixed Grass Seeds, such as Red Clover, customary Sweet Clover or Alfalfa or other

combinations which we do not regularly keep in stock. Such mixed lots will be listed on our Red Discount Sheets, as we have them at such very low prices (the high degree of purity considered) as to make them mighty attractive to the farmer who doesn't object to an unusual hay or pasture mixture.

GRASSES

ADAMS' RED TOP (Herd's Grass)

One of the most valuable of the hardy perennials and in combination with Alsike is in some sections the most valuable forage grass grown, owing to its being naturally adapted to wet soils having dense sub-soil. Specially valuable in land liable to overflow.

Red Top ranges in height from a few inches to three or four feet, according to soil and climate, and makes mighty valuable pasturage, for it is relished by live stock, has a high feeding value and forms a thick, heavy sod, which will stand close grazing. It should be kept grazed down close, as the young grass is more eagerly eaten and greater in feeding value than a rank growth.

Red Top also makes good hay and is an excellent grass to sow for meadows in combination with either Timothy or Timothy and Clover.

It's an easy plant to get started, frequently growing without previous cultivation or preparation of the soil, and can be used successfully to reclaim waste land where other grass or grain crops will not grow.

For meadows sow 15 lbs. of seed to acre; for pasturage, 8 to 10 lbs. Adams' Red Top is the highest grade hulled seed, from the section where the best Red Top in America is produced—purity and high germination test are guaranteed.

Order from us and get clean, strong weed-free seed.



KENTUCKY BLUE GRASS

Most widely known and most valuable of all our native pasture grasses and adapted to a wide range of soils, although it does better on clay than on sandy loam. Starts to grow very early in the spring and produces a good growth in northern latitudes from May until the ground freezes.

Kentucky Blue Grass is a pasture grass, not a hay grass, and there should be a blue-grass pasture on every sizable farm. The growing grass is rich, palatable and highly nutritious. Blue Grass is also extensively used for seeding lawns and is a part of almost every pasture and lawn mixture. Sown alone 15 to 20 lbs. of Kentucky Blue Grass seed should be used to the acre.

Adams' Blue Grass Seed is the best that grows. In appearance, purity and germination quality it is unexcelled. We guarantee it for purity and germination. Order now.

BERMUDA GRASS

While looked upon by many as a pest, it is really one of our most valuable grass plants for the South, and in the Lower South especially. It is the only sure pasture grass for sandy soils; grows on all kinds, from heaviest clay to the lightest sand, and furnishes abundant pasturage. No other grass will give you so great returns with as little fertilizer and care, and Bermuda withstands drought and scorching summer sun better than any other variety. Seed should be sown at the rate of 5 or 6 pounds per acre between March 1st and June 1st. Seed will not germinate when ground is cold. Under favorable conditions it requires from 20 to 30 days to germinate.

BROME GRASS (Bromus Inermis)

This exceptionally valuable grass will bear out every word of praise we give it. Best for permanent pasture. The best of grasses for dry soils. It is a grass for the desert, a grass for the drought-stricken countries, the grass for each and every state of the United States; in fact, any and everywhere, and it does well on soil where there is plenty of moisture.

Brome Grass is one of our hardiest perennial grasses; no amount of cold will kill it. It withstands the severest drought, and water may stand on it for weeks without injury.

It roots deeply, often 4 to 6 feet, and thereby improves greatly the physical condition of the soil; growing on good soils where large yields of cured hay are harvested, and also good returns are obtained on poor, sandy land where timothy is frequently a failure. As a pasture grass it is of special value, staying green and succulent during summer and enduring the close cropping of cattle, horses, sheep and hogs. The chemical analysis shows it extremely rich in flesh-producing, milk-increasing ingredients. The Experimental Station, Garden City, Kan., says: "We think it is the coming grass for the arid regions of the West. It is green from the middle of March to about November." The South Dakota Experimental Station of Brookings says: "This is the best grass that has yet been tried at this station. When properly sown it catches well, giving a good sod the first year." Sow 14 to 20 pounds per acre.



English Rye Grass



Orchard Grass
Sheaf of Seed Head



Meadow Fescue

ITALIAN RYE GRASS

An annual. Grows quickly, producing fine crop of hay in 70 to 80 days. Will produce second crop after hay harvest. If sown with Timothy in place of grain for a nurse crop, makes fine fall pasture the first year. Sow 20 lbs to acre.

ENGLISH RYE GRASS

Also called Perennial Rye. A perennial. Hardy and a valuable grass for permanent meadows or pastures. It is best sown with other grasses. Sow 20 lbs. to acre.

CANADA BLUE GRASS

Coarse and not as good feed value as the Kentucky variety.

MEADOW FESCUE

Also known as English Blue Grass. Produces a large amount of feed of good quality all through the season. Is one of the earliest of spring grasses and persists latest. Does not freeze out or winter kill. Very desirable for use in meadow and pasture mixtures. Live stock relish it highly. 18 to 22 lbs. of seed are sown to the acre.

ORCHARD GRASS

A native of Europe, which makes early and valuable permanent pasture, starting earlier and lasting later than most other pasturage. Stands drought well. Has higher nutritive value than timothy and a longer life. Grows successfully in partially shaded places. Thrives best on rich, well-drained loams. You'll never regret using it in your pasture mixtures. Sow 15 lbs. to acre.

A New Service for Your Lawn

You Can Now Buy Your Lawn Grass Seed
on the "Adams Lawn Prescription Plan"

THIS gives you, irrespective of where you live, the assurance that you can have a beautiful, emerald-green, thick, velvety lawn, which won't "dry out" in summer, nor "die out" in winter, for the same price you have been paying for Lawn Grass Seed which is not tailor-made to fit your particular soil, your climate, and the conditions which exist on your lawn, which may, and probably do, vary from those of friends right in your own town.

We have discovered the cause of so many lawns being unattractive and inferior, while others, sown with the same seed, a few blocks away, are perfect carpets of rich green turf all summer long. It is this: Each lawn should be diagnosed by a lawn grass expert, and a specially prepared formula of grasses sown which will make the *best lawn* under the *conditions described*.

If you don't think this is true, look over your friends' lawns next summer and note the extremes of appearance. Some "simply look awful," others "pretty fair," a few "very good," and occasionally one, "nearly perfect." Yet, all probably sprinkled them and cared for them alike. It's in the seed. It's in the varieties of grasses blended in the mixture, just as it is in any prescription. What will cure one person may kill another.

We have seen the best grass seed mixture obtainable planted in Philadelphia, and produce a bad looking lawn. The same mixture sown at Atlantic City developed a perfectly beautiful one. Yet sown in Chicago, it was neither bad looking nor was "perfectly beautiful"—it was just a very ordinary lawn, which no one would stop and admire.

Explanation of "Adams Lawn Prescription Plan"

No charge for it. All you have to do is follow instructions and buy your lawn seed from us at regular prices.

1. State size of ground to be sown.
2. Is it a new lawn or one to be re-seeded?
3. What kind of seed was last sown on it?
4. If it's shady, what part of the day does it get sun?
5. Is it well drained or wet?
6. Level or sloping?
7. Is soil sandy, black loam or clay?
8. Do your summers usually have plenty of rain? And do you have hot winds?
9. Do you usually have heavy snows in the winter?
10. Do you use manure or commercial fertilizer?
11. State whether your lawn has heavy use or is not walked on much.

Just answer these questions, remit sufficient money to pay for the seed, and we prepare a special formula for you, and send your quantity of

Adams "Private Prescription" LAWN GRASS SEED

No charge for our time and knowledge in making up the formula to fit your lawn, but because some imported expensive grasses will be included, which are not commonly used in lawn mixtures generally sold, you will pay us a few cents a pound more for the seed because it costs us more. **BUT JUST REMEMBER**—it's the LAWN, next summer and the following summer, which will be seen in its superior expensive-looking dress, and not the few cents difference in cost between YOUR LAWN and what you would have if you had not taken Adams Prescription.

Price per pound, 75c, prepaid.

10 lbs., or over, not prepaid.....	per lb. 65c
50 lbs., or over, not prepaid.....	" 62 1/2c
100 lbs., or over, not prepaid.....	" 60c

QUANTITY SEED REQUIRED

One Pound for 15x20 (or 300) Square Feet if it's a New Lawn. Use Half Quantity for Old Lawns.

Tasco Lawn. A perfect mixture. Blended from the choicest grasses. Produces a beautiful, velvety green lawn. Lb. 70c; 3 lbs. \$2.00, postpaid.

Chicago Park. For years a standard mixture. A combination of grasses that drives out weeds and establishes a permanent lawn. Lb. 68c; 3 lbs. \$1.94, postpaid.

Terrace Mixture. For sloping lawns or terraces. A combination of grasses that have long roots that will keep the earth from washing. Lb. 61c; 3 lbs. \$1.73, postpaid.

Shady Lawn. For use in shaded places, under trees, etc. Lb. 75c; 3 lbs. \$2.15, postpaid.

Standard Lawn. A very good lawn mixture for general purposes. 1 lb. 58c; 3 lbs. \$1.64, postpaid.

Fancy Kentucky Blue Grass. Price, 1 lb. 80c; 3 lbs. \$2.30, postpaid.

White Clover. Price, 1 lb. 75c; 3 lbs. \$2.10, postpaid.

GOLF MIXTURES

Adams' Putting Green Mixture. Lb. 80c, postpaid; not prepaid, 70c lb.

Adams' Fairway Mixture. Lb. 78c; postpaid; not prepaid, 65c lb.

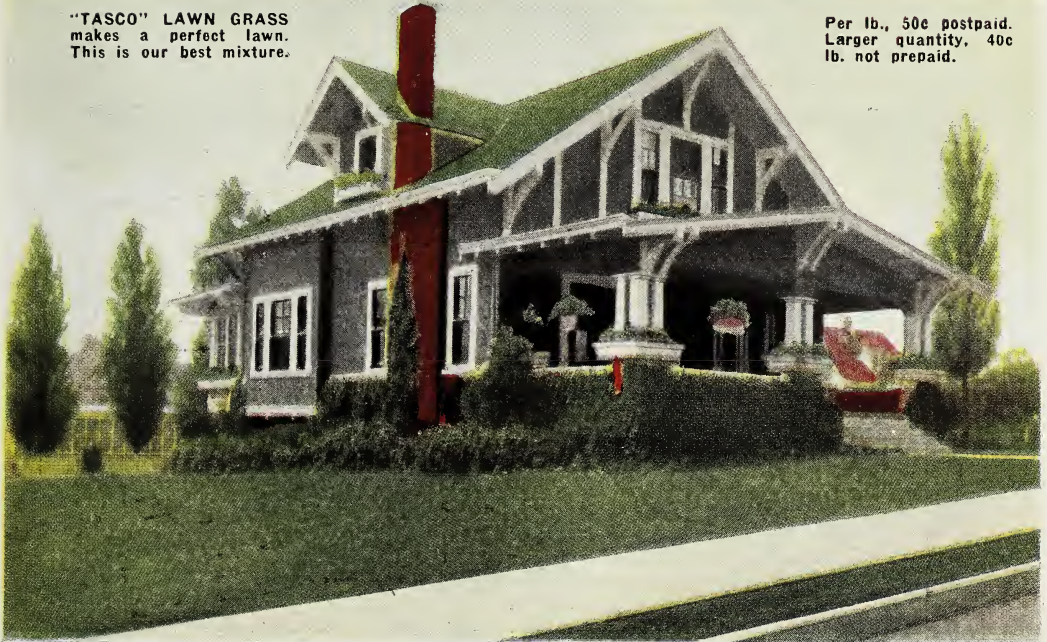
Prices subject to market changes. See Grass Seed Price Sheet for latest prices on large quantities.

ADAMS CELEBRATED LAWN GRASS SEEDS

are used in every section of the country. For private home lawns we have five brands of "mixtures."

"TASCO" LAWN GRASS
makes a perfect lawn.
This is our best mixture.

Per lb., 50c postpaid.
Larger quantity, 40c
lb. not prepaid.



ADAMS "SHADY LAWN" GRASS

For shaded parts
of your yard as
shown under this
hard Maple.

Per lb., 50c postpaid.
Larger quantity, 38c lb.
not prepaid.

(We can also supply
plants of this beautiful
tree.)

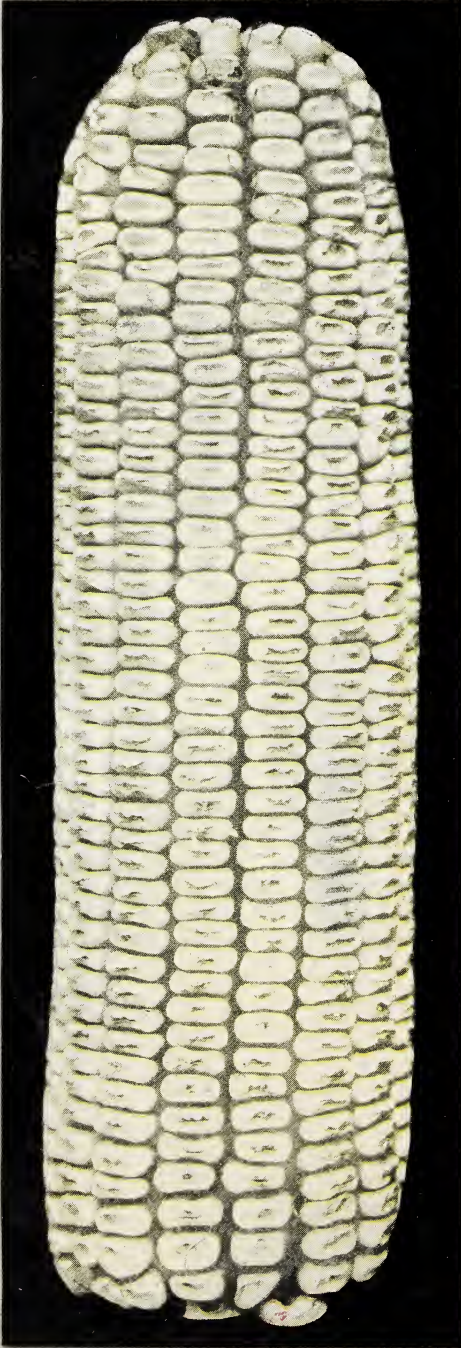


ADAMS SEED CORN

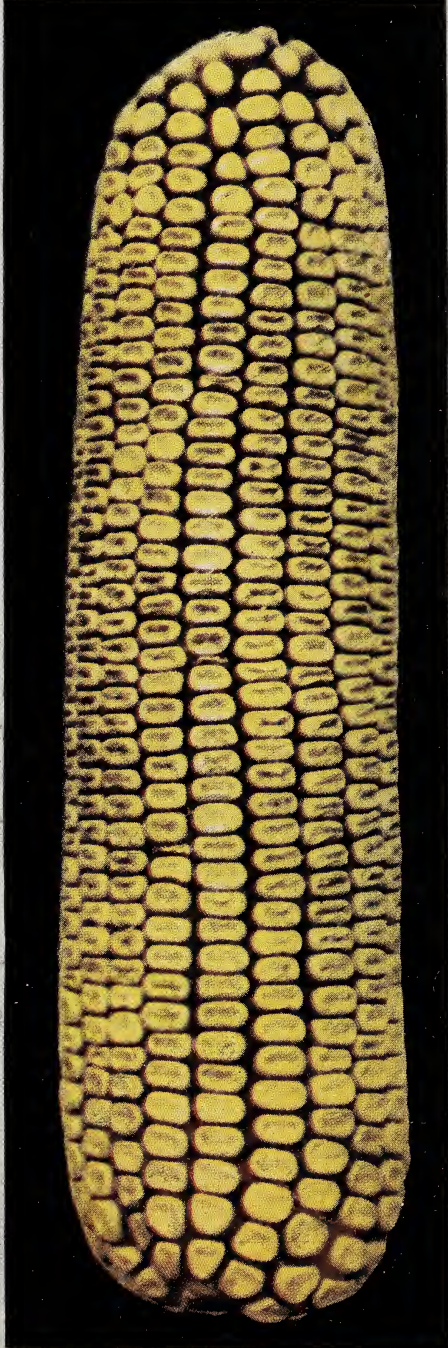
One of Our Great Specialties.

We are headquarters for Pedigreed Seed Stock, grown by ourselves
and bred up to perfection.

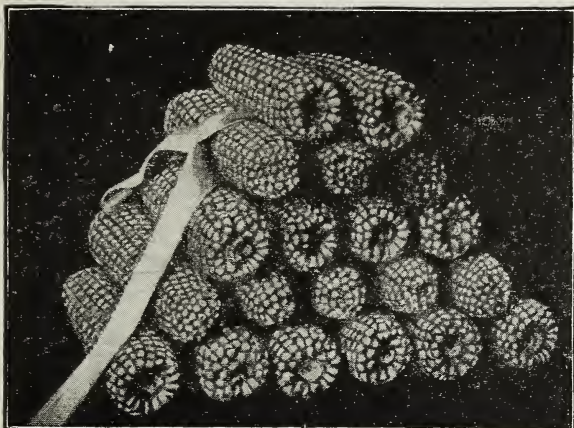
GODDARD'S SILVER KING.



REID'S YELLOW DENT.



ADAMS PEDIGREED SELECTED, TESTED SEED CORN



PRICES of Seed Corn and of all Field Seeds are quoted on a separate Field Seed Price List enclosed with this catalog. Thus you get lowest market quotations after our catalog was printed. Field Seed prices printed in catalogs necessarily must range higher.

To raise a profitable crop of corn it is necessary to plant the proper kind of seed. We do not mean by this, however, that we recommend any particular kind or variety, but corn that has been carefully bred up to a fixed type and standard, so that it has character and the power of reproducing itself, for it is the inherent quality produced by years of scientific breeding that places real value on seed corn. Up-to-date livestock breeders will fully realize this, for the principles of improving and breeding up are the same with livestock as with corn. It is easy to select a few prize ears from most any field for the fairs and corn shows, but this does not indicate that such corn will reproduce itself or that it will produce ears of corn of the same type, for being cross-bred with all kinds of types in the same field, it will naturally produce the greatest conglomerations of types.

Scientific breeding of Seed Corn requires years of the most exact and painstaking work to accomplish results, and on this point we have spared neither time nor money. We do not offer such seed corn in competition with corn cured simply for good vitality, for it requires more than high germination to make good seed corn.

We can give you corn that will produce big crops, **if any corn planted this year will do it**—and we can and will help you select the varieties best suited to your soil and latitude and to the purpose for which you wish to use the crop.

Adams seed corn is grown for us under contract, picked before the frost, hung on special hangers and cured under heat and electric ventilation. Consequently it is unusually strong in vitality.

It is carefully graded, too, which insures a bumper crop of high-grade ears, not nubbins. It is frequently tested for germination, so that whenever we fill an order for seed we know that it is right when it leaves our shipping room. A test, to satisfy us, must show a sufficient number of root sprouts to secure a strong stand and big yield.

Naturally we cannot be responsible for what happens to seed corn after it leaves our hands. If it gets damp or chilled its germination value may change over night. We do, however, stand back of it by allowing you to have immediate tests made by your State Agricultural College and will absolutely stand by our guarantee.

Remember, it costs as much to plant poor, indifferent seed and to cultivate the ensuing crop as it does to plant Adams' Quality Seed Corn, which is **the best the market affords.**

To make sure of getting the right sort of corn for next season's planting, send your order at once, stating your planting and soil conditions—we'll hold the corn until you want it shipped—and send you corn tested right up to date, with test results plainly shown on shipping tag.

Don't wait—let us hear from you right away. You will be glad you did when your crop matures.

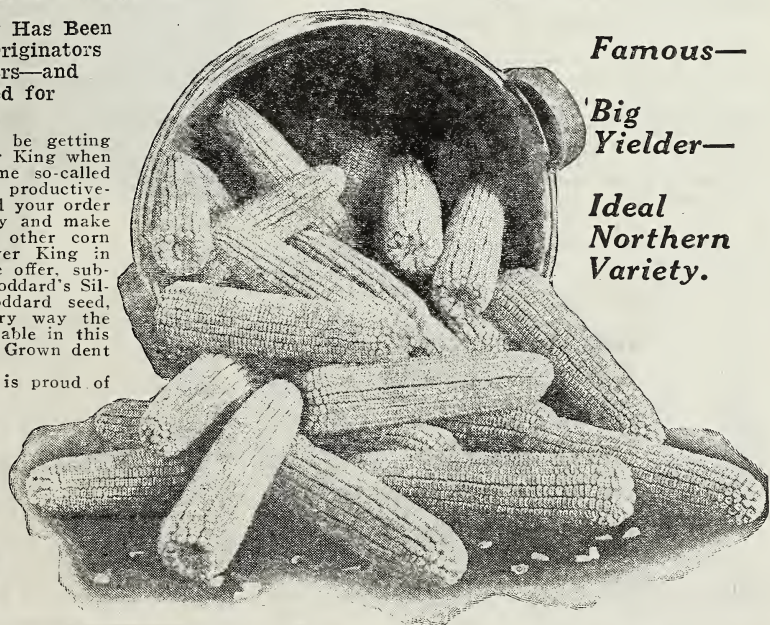
GODDARD'S SILVER KING

The Genuine Silver King Has Been Grown for Us by the Originators for More than 20 Years—and We Offer Select Seed for 1922 Planting

This means that you will be getting the genuine Goddard's Silver King when you order from us—not some so-called "improved strain" of inferior productiveness and feeding value. Send your order to the Adams Seed Company and make sure of the real thing—no other corn will take the place of Silver King in this latitude. Remember, we offer, subject to unsold, the original Goddard's Silver King, grown from Goddard seed, carefully tested and in every way the highest grade of seed obtainable in this great deep-grained Northern Grown dent corn.

Winneshiak County, Iowa, is proud of the Goddard brothers and proud to be the original source of Goddard's Silver King—the corn that has them all beaten for big yields in Northern Iowa, Southern Minnesota and Southern Wisconsin.

This great corn is a hardy white dent variety, which matures in 95 to 100 days, producing ears that average 8½ inches long with 16 rows of deep kernels growing so compactly on the small cob.



Famous—

'Big Yields—

Ideal Northern Variety.

"For whatsoever a man soweth, that shall he also reap" 59

MINNESOTA NO. 13 SEED CORN

The Wonder Corn of the North

Rightly named, because corn growers in the latitude of Central Minnesota secure truly wonderful yields from it year after year, and find it superior in quality and productiveness to any other variety. Developed by the Minnesota Agricultural College Experiment Station, Minnesota No. 13 is an early-maturing 80-day Yellow Dent Corn, famous for big yields, hardness and suitability to a wide range of soil and climate condition. It is enormously productive, and because of its consistently great production and early maturity is the safe and sure corn to grow

in northern latitudes. Can be planted as late as the second week in June and still mature bumper crops. More quickly acclimated than any other variety and will thrive and produce on soils where less hardy varieties fail. Makes excellent fodder corn, for the stalks frequently reach a height of 7 feet.

Ears average 8 inches in length and usually grow two to a stalk, with 16 to 20 rows of plump, bright yellow wedge-shaped kernels growing compactly from tip to butt. No corn makes a better appearance or excels Minnesota No. 13 for quality.

NORTHWESTERN DENT (Also Called Smoky Dent)

A cross between Red Flint and Yellow Dent, which is also called Model Dent and North Dakota Special. This is the earliest dent corn grown, ripening in 75 days, so is extremely suited to Northern Minnesota, Northern Wisconsin and North Dakota. Also recommended by us for early hog feed in the latitude of Northern Iowa and Southern Minnesota, for it will fill your crib with corn for early feeding weeks before your main crop has ripened. Where cornfields must be replanted, it is the safest corn to plant.

Among Northwestern farmers, Northwestern Dent is rapidly taking the place of Flint corn, because it ripens almost as early and gives a bigger yield and a much better quality of feed.

EARLY MURDOCK

This is an enormous yielding Golden Dent variety, outyielding most other sorts, have produced 90 bushels to the acre with ordinary cultivation. Although this variety is such a heavy yielder, it matures so early that it is well adapted for our northern states. The Murdock has proven to be very adaptable to any soil and conditions, becoming acclimated to different sections the first season. The ears, which are medium length, have 16 rows of deep kernels, run very uniform. The Murdock is earlier by several weeks than Iowa Silver Mine, Legal Tender and Leaming, matures but few days later than the Minnesota No. 13.

EARLY WHITE DENT

(80-day.) This is a choice White Dent Corn. While not of our own growing, it has been carefully selected and tested for germination. It has matured satisfactorily for years. Early White Dent Corn is as fine quality as any white dent corn available. We have a fair stock of this corn on hand, but suggest you order promptly upon receipt of this catalog before our stock is exhausted.

PRIDE OF THE NORTH

The great 85-day corn, originated in our own county (Winneshek County, Iowa). A much grown, early variety with small cob, 8-inch ear and deep, rich yellow, pinched dent kernel. Makes big crops per acre because four or even five stalks can be grown to the hill. On account of its early ripening, Pride of the North is an excellent variety to put in where unfavorable weather has delayed planting until late.

EARLY YELLOW DENT

(Yellow 85-90 day.) Probably the best known variety of Yellow Dent Corn. Early, medium ear and kernel. Makes good yields. A standard dependable sort.

CALICO DENT

This variety of speckled corn has for many years been very popular because it matures so early. It is a large dent corn with very rough, deep kernels and small cob.

REID'S YELLOW DENT

One of the most widely grown varieties throughout the Corn Belt and one which we recommend strongly for Iowa, Illinois, Nebraska and other states in the same latitude—but not for Minnesota and the Dakotas, unless grown for silage and fodder. Very desirable for farmers who sell seed corn on the ear, as the ears are remarkably uniform in size, type and color. The ears range from 9 to 11 inches long and are covered with 13 to 20 close-fitting rows of deep kernels of light golden yellow color. Matures in 100 to 115 days.

LEAMING

Heavy yielding yellow dent.

IOWA SILVER MINE

Large white dent, late.

WHITE CAP DENT

Early yellow dent, white cap.

BOONE CO. WHITE

Large late white.

MINNESOTA KING

Very early half dent.

ADAMS' MONSTER FODDER

Extremely heavy yielding, for fodder only.

EVERGREEN FODDER

A very popular sweet fodder.

EXTRA EARLY WHITE

A standard variety, which ripens in 75-85 days; with 12 to 15-inch ears and flinty white kernels. A very

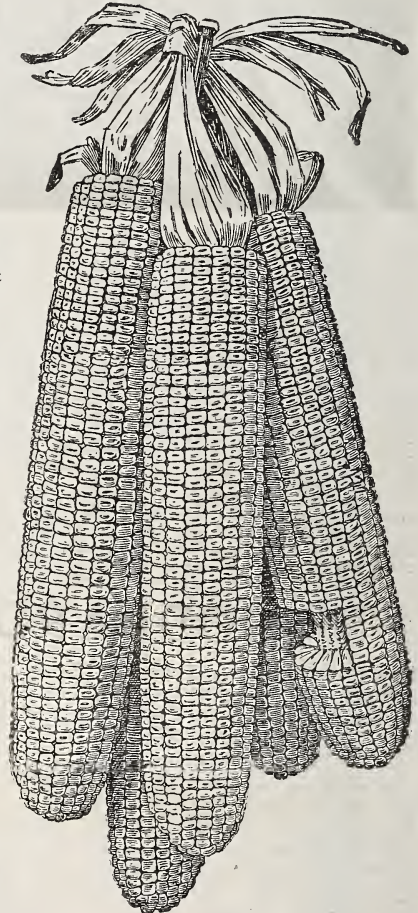
productive yielder, with broad, juicy leaved stalks, having great fodder and silage value. Orders taken, subject to unsold, for immediate delivery.

FLINT CORN

To meet the needs of our customers in latitudes where dent corn is not usually planted owing to the short season, we offer flint corn of standard varieties. If your dent corn crop goes bad on account of floods or hail, you can protect yourself against a corn shortage by ordering this.

Recommendations for Planting

In North Dakota, Northern Minnesota and Northern Wisconsin, plant Minnesota No. 13, Northwest Dent or Calico Corn. In the latitude of Southern Minnesota and Northern Iowa, plant Goddard's Silver King, Pride of the North, Early White Dent, Early Yellow Dent, Early Murdock. In the latitude of Southern Iowa, Nebraska, Illinois and Southern Wisconsin plant Reid's Yellow Dent or Early Yellow Dent.



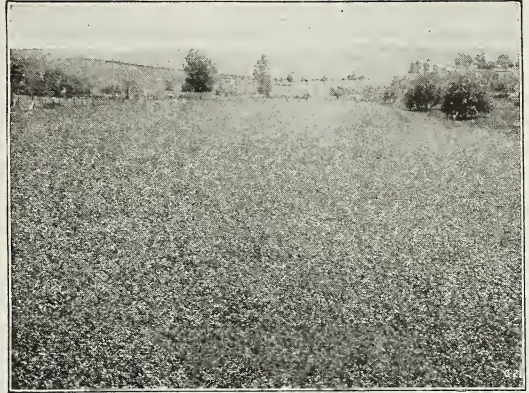
Minnesota No. 13

ADAMS CLOVERS

The value of clover as a soil builder as well as a hay crop makes it an absolute necessity on the well-managed farm. When the fertility of a field has become exhausted by grain growing, one or two clover crops will replenish the nitrogen of the soil and restore it to a profitable richness for corn or small grain, which will produce bigger crops on a last year's clover field than anywhere else.

While sometimes turned under a green manure in the fall, most farmers find it more satisfactory to cut the second crop and plow the field the next spring as the bacteria on the roots of the clover are the nitrogen bearers. When you order Adams' Clover you will get an unusually choice and pure seed at a very attractive price. We buy seed in carload lots, clean it by electric cleaning machines, test it carefully for purity and germination and take every precaution to insure giving our customers clover that's much above the ordinary.

Our Northern-Grown Clovers are of strong vitality; vigorous plump seed, carefully cleaned and inspected for purity and germination. Every lot of seed we handle is examined under strong light and only the choicest lots are kept for our farm trade. We send samples of these lots to the U. S. Department of Agriculture and to the Iowa Agricultural College to be tested. We also invite our customers to do the same. Our "PURITY BRAND," "DECORAH," "TASCO" and "CHOICE" grades were sold subject to these inspections before there was an Iowa Seed Law, and we will always maintain the high standard of seeds that we have sold under these brands. Cheap clover is in the end the highest priced that you can sow. On the other hand, we aim at all times to supply our customers at a reasonable figure.



A Field of Adams Purity Brand Red Clover

MEDIUM RED CLOVER

Also known as Common Red or June Clover. Best known of all the clovers and the standard wherever clover is raised, for hay or pasture, usually seeded with small grain in the spring, producing a fairly good pasturage or hay crop after harvest and makes two crops in succeeding years, the first being usually cut for hay when in bloom, and the second either cut for hay, harvested for seed, or plowed under as a soil builder. Produces a fine quality of hay of high feeding value, and if let ripen for seed often yields a crop of higher market value to the acre than the land itself. Usually sown with Timothy, but can be sown separately, using 8 to 12 pounds of seed to the acre.

WHITE DUTCH CLOVER

The kind the bees love—known everywhere as White Clover. Principally used for pasturage, where it re-seeds itself and spreads rapidly, making permanent pastures. It makes the quickest growth of any clover, and after being eaten down close, cattle can be taken off for a few days and when turned in again will find an abundance of foliage. Its thick roots also make it very desirable for seeding lawns in combination with other grass seeds.



Medium Red Clover

MAMMOTH RED CLOVER

This resembles the Medium Red, but is much taller and of more vigorous growth. It produces an enormous yield and is of high feeding value, making splendid hog pasture. It has a quick, rank growth, is more hardy than Medium, and is usually considered a permanent pasture grass, although it is not as desirable for hay as the Medium on account of its coarseness. As a fertilizer, it is particularly valuable for plowing under, and the nitrogen deposited on the roots enriches the soil as well.

ALL OUR CLOVER SEED IS "NORTHERN GROWN" — FROM MINNESOTA, WISCONSIN AND NORTHERN IOWA

Clover seed grown in other localities last year is showing big percentages of dangerous weeds and so is incapable of producing a good crop. Protect yourself against trouble by buying Adams' Clover Seed which is all guaranteed to be high grade, pure Northern Grown Seed. This applies to all varieties of Clover, to our Mixtures and to Timothy.



White Clover

Try our two new Clovers from Australia

HUBAM CLOVER ANNUAL WHITE SWEET CLOVER

DON'T FAIL TO MAKE MONEY FROM PLANTING SOME OF THIS SEED IN 1922



FORTUNES MADE IN GROWING SEED

The demand for Hubam seed is greater than the supply. One grower made \$600.00 per acre from Hubam last year.

Prices this year are not so high but they will not be down to the price of other clovers for years. Why not make your share?

This is a wonderful opportunity for the farmer to get back some of the money he has lost through the falling price of other farm products.

DON'T BUY MIXED OR INFERIOR SEED

We have exercised the same care in growing or selecting our Hubam as we have always safeguarded our Grimm Alfalfa buyers with, and guarantee that

ADAMS INOCULATING BACTERIA

Increases the Yield. Enriches the Soil. Hastens Maturity.

Improves Feeding Value. Saves Fertilizer Bills.

Easy to Apply. Full Directions in Every Package.

- | | |
|----------------|--------------|
| Alfalfa | Prepared for |
| Soy Beans | Vetch |
| Cow Peas | Field Peas |
| Sweet Clover | Garden Peas |
| Red Clover | Sweet Peas |
| Crimson Clover | Field Beans |
| Alsike Clover | Garden Beans |
| | Peanuts |

and all other legumes

Alfalfa, all Clovers, all Beans and Peas and Vetch, are legumes. Legumes, if inoculated, will develop on their roots small protuberances, called nodules. These nodules are masses of bacteria—living germs. These germs take nitrogen from the air and supply it to the plant. Nitrogen is the most expensive of all chemical elements entering into plant growth. The farmer's problem is largely a nitrogen problem. Lime, phosphorus, even potash where needed, can be supplied. But nitrogen, in quantity, is too expensive to supply. Modern farmers therefore grow their nitrogen, grow it with legume crops.

But legumes can not take nitrogen from the air unless there are nodules on the roots, and nodules do not ordinarily develop unless the germs are artificially placed on the roots. Placing these germs is called inoculation.

OUR SEED is Iowa grown, from true Ames stock of Prof. Hughes. It is certified, scarified, and "The Adams Guarantee" covers it. The price, \$1.50 per pound, post-paid.

It ought to be more. Many are getting \$2.00 per lb. and not supplying the quality of our "stock seed"—and we only have a limited quality of the pure, certified, guaranteed stock. This is no scheme to get you to buy early. It's the truth, and unless we are miles off in our calculations, our supply will be sold by March 15th. There's plenty of the other kind of Hubam seed to be had, and at \$1.50, or even less. **But take no chances.**

Matures in 4 to 6 months after seeding.

Makes 6 times the growth of Red Clover in one year.

This wonderful variety of sweet clover was developed by Prof. Hughes of Iowa State College at Ames from seed that was originally from Alabama—thus the name, Hu-bam.

One (of the many) striking advantages of Hubam Clover is its rapid growth.

Seeded in the spring with grain, in 5 months' time you have a mature crop that may vary in height from 3½ to 6 feet.

Hubam produces more than 3 times as much hay as ordinary sweet clover and 6 times as much as Medium or Mammoth in one year.

Hubam has a tremendous root growth, putting immense quantities of humus and nitrogen into the soil, and reclaiming soils that were practically dead, putting them in a high state of fertility in the shortest possible time.

HUBAM CHANGING FARM METHODS

Instead of a 4-year rotation of corn, corn, oats and clover, you can substitute a 2-year rotation; corn one year and grain and Hubam the next, plowing Hubam under same year and follow with corn. If you have 160 acres under cultivation you can have 80 acres in Hubam every year instead of only 40, which means better crops and bigger profits.

FOR QUICK PASTURE AND HAY CROP

Seeded with any spring grain it grows slowly until grain crop is out; then it fairly leaps out of the ground, so that 6 weeks after grain is cut you harvest a mature hay crop.

the seed we offer you is not only pure and descended directly from the original seed furnished by Prof. Hughes, but we have selected only those lots which were particularly plump, bright seed and from particularly well-favored fields.

In placing your order with us you are assured of only one grade—the best at a reasonable price, quality considered. 1 oz. 25c; ¼ lb. 60c; ½ lb. 90c; lb. \$1.50, post-paid.

SEE ILLUSTRATIONS OF HUBAM IN COLORS ON BACK COVER OF OUR CATALOG

Special Quantity Prices—See Field Seed Price List sent with this catalog.

Inoculation is done with a culture of living germs, bacteria, applied to the seeds before planting.

The cost of Adams' Inoculating Bacteria is low, very low, but a better bacteria cannot be made at any price. Everyone can afford to inoculate—can not afford not to. It will pay for itself many times in the increase in crop grown, and many more times by the improvement of the soil itself—by the nitrogen placed in the soil from the nodules and left there for succeeding crops.

Remember, there is a separate germ for every legume—one for each of the Clovers, for Alfalfa, Soy Beans, Garden Beans, Peas, Vetch, etc.

When ordering, state crop to be inoculated.

Adams' cultures are not cheap cultures. They may be cheaper in price than some but in price only. The price is still consistent with high quality. They cannot be made better even if ten times the price were offered. Every package is fully guaranteed.

Prices (delivered)

½ acre	.....	\$ .60
1 acre	.....	.80
2 acres	.....	1.50
4 acres	.....	2.35
6 acres	.....	3.15
10 acres	.....	5.25
20 acres	.....	10.50

Adams Great Specialty

ALSIKE CLOVER

Alsike is exceptionally leafy, frequently producing as much hay as Mammoth. It is admirably suited to the cool, cold climate of the Northwest. On many soils it produces good crops on which Red Clover will not grow. Alsike is the most hardy of all Clovers. It withstands the severest cold and does not readily winter-kill or heave out of the ground with frost, and readily reseeds itself. It is apparently the only Clover that will thrive on moist soil. It grows about 2 to 3 feet high. The stems are thinner than those of Red Clover and the leaves are more numerous, making hay of a finer texture. The blossoms are pinkish white and appear from July to August. The feeding value of the hay fairly equals that of Alfalfa.

This Clover prefers damp, moist, loamy soil, but it will also grow fairly well on stiff clays. Here in the Northwest it is extensively grown mixed with Timothy. Both varieties are well adapted for this soil and they ripen at the same time. Fine for pasture on low grounds; in fact, the only clover that will not kill out on water soaked soil.

Alsike does well if sown with grains in either spring or fall. We advise customers to sow Alsike or other Clover with every acre of small grain that is planted, as in the experiments conducted by the Minnesota Experiment Station it has been shown that the sowing of Clover with small grain increases the yield of the grain.

Alsike should be cut for hay as soon as it is in full bloom, and for seed when two-thirds of the heads are ripe. Alsike is also one of the best honey-producing plants that can be grown.

We have for many years devoted special attention to Alsike and handle it (alone and combined in mixtures with other grass seeds) at prices that will save you money. Our PURITY and DECORAH Brand Alsike seed is strictly re-cleaned to take out impurities and weak, immature seed, and comparative tests will show it to be the biggest value obtainable in this wonderful clover.

Be sure to get samples of our Alsike seed before you buy—Adams' Alsike seed tests higher, grade for grade, and gives you bigger value for your money. It is all Northern grown.

SWEET CLOVER *A Big Money-Maker Crop*

WHITE BLOSSOM VARIETY

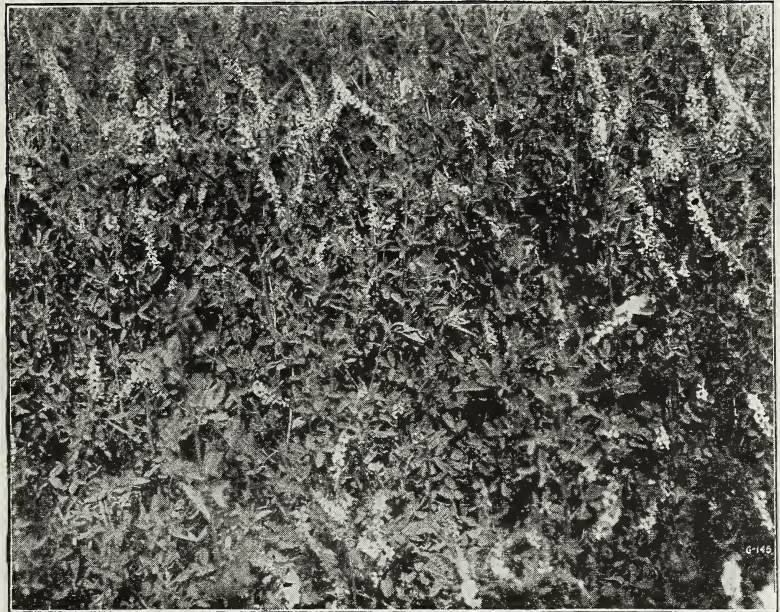
Its quick maturing habit is almost incalculable to agriculture. Its rapid growth and thick foliage are a surprise to the most expectant farmer. It gives abundance of nutritious feed.

Sweet Clover is a biennial and grows in all parts of the United States; it possesses a wider adaptability in regard to soil and climate than any other clover or alfalfa. It thrives on the poorest sandy soil and on dry hill sides where no other clover will grow. On alkali soils sweet clover is the only plant that will grow and make a yield. It will endure drouth, thrives on wet soil, stands more heaving and frost than red or alsike clover. Wherever it has grown it has left a rich spot, which is readily taken up by other crops. Always sow a little with all spring sown grain. Sweet Clover ranks as one of the highest of the leguminous crops as a fertilizer. Like all legumes, it gathers nitrogen from the air and enriches the soil with it.

It is one of the first forage plants in spring that affords green food, and one of the last killed by frost; it is green when most all grasses are dry and parched. It grows very rapidly, and as soon as it is 8 to 10 inches tall the stock should be turned on, as tramping the ground suits it, and it should never be allowed to grow very tall or it will get hard and woody; when kept eaten down reasonably close to the ground the plants throw out fresh growth on all sides as fast as eaten off, thus furnishing a constant supply of tender growth until frost. As the plant has no crown at surface, but grows from buds above the ground, it should not be pastured too closely.

It is always relished by horses, sheep and cattle. Sheep, hogs, cattle and horses develop a particular fondness for it and prefer it to Clover or Timothy hay. Ranks equally as high as Timothy, Clover or Alfalfa.

Sweet Clover should be cut the first season when it shows the maximum growth in fall. The second year it is cut before it comes into full bloom. In the Northern states Sweet Clover is generally pastured until about July, and when stock is taken off it will grow rapidly and can soon be cut for hay or for seed. The sowing of seed is done from early spring until late fall, and the sub-soil must be very compact. Sow 15 lbs. per acre. ½ inch deep.



YELLOW SWEET CLOVER

This is in great demand on account of its earliness, being about two weeks earlier than the white. It does not grow as tall as the white but makes just as good pasturage. Produces high-quality hay.

CRIMSON CLOVER

Valuable for pasture, green forage, hay and quickly restoring worn-out soils. Crimson Clover forms upright branching plants about 2 to 3 feet high. It roots very deeply and is a bountiful provider of nitrogen. It grows most luxuriantly on fertile loam, yet it will thrive better on thinner and poorer soil than Red Clover. It is more efficient for green manuring than the latter. It is a cheap source of nitrogen and has restored to profitable cultivation thousands of acres of poor land.

In the Northern and Central states many sow in spring, as it is liable to freeze out in winter; in the Southern and Eastern states it is sown in fall; ten to fifteen lbs. of seed are used per acre. Should be cut for hay or silage before flowers commence to mature.

JAPAN CLOVER (*Lespedeza Striata*)

This variety is especially suited for wet lands and woodland pastures. Grows fairly well on poor soils. Highly recommended for cover crop in orchards and is much used for this purpose.

ALFALFA

ADAMS HARDY
NORTHERN GROWN

Alfalfa production can never be overdone. It is more generally grown each year, and many a dairy farmer has been helped over the rough spots by growing Alfalfa hay and depositing good-sized cream checks, while others were paying big money for expensive feed. Chemical analysis proves that Alfalfa hay contains, ton for ton, just as much protein as bran, and a ton of Alfalfa hay can be produced at less than one-half the price of bran. Under favorable conditions Alfalfa will produce three good crops of hay, yielding here in the Northwest from 1½ to 2 tons per acre from each cutting.

Prosperous farmers everywhere insist on growing some legumes, and Alfalfa is especially well adapted for the climatic conditions in the Mid-West. It is a hardy perennial, living for years, furnishing palatable forage, rich in protein and supplying the soil with nitrogen, thereby keeping it in the highest state of fertility. Alfalfa without question is the big paying crop and will soon be planted as generally as Clover.

Soil. Any good, sweet farm soil will produce Alfalfa. If in doubt about your soil, send sample to your Experiment Station for analysis. An important feature is free surface drainage.

For northwestern conditions use only hardy strains, which seldom winter kill and are not affected by alternate thawing and freezing.

The root system of our northern grown Alfalfa has numerous lateral roots which protect the plant against frost, drought and heaving.

The Seed Bed. A deep seed bed is required. It should be as free from weeds as possible and well fertilized. Firm the seed bed by frequently discing and harrowing.

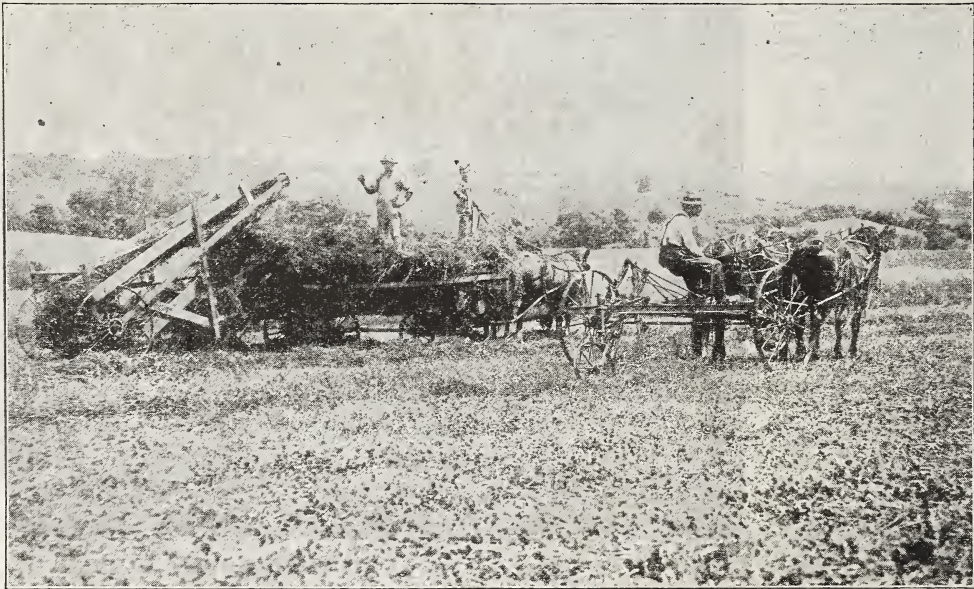
Sow any time in early spring, summer or fall. The main consideration is a good seed bed and sufficient moisture. Alfalfa may be broadcasted or drilled in from 1 to 1½ inches according to soil. Sow about 15 lbs. per acre.

GROW LESS CORN

is the advice of prominent farm leaders, agricultural agents and farm bureau associations all over the Central west, who are advocating less Corn, more Clover, Alfalfa and other legumes. This is a sensible idea, especially since Corn is now selling at about half the price of production and immense surpluses are on hand. For years the soil has been robbed of its vitality by excessive Corn and Grain growing. It's time to put back fertility into the soil.

Nothing will be more profitable in the future than growing a liberal acreage of Clovers, Alfalfa, Sweet Clover, Vetches, Soy Beans and other legumes. These furnish good paying crops and at the same time increase the fertility of the land. Seed prices of all legumes this spring are cheaper than they have been for many years, and farmers will do well to take advantage of these conditions.

By advocating less Corn, it means devoting a smaller acreage to Corn; however, the wise farmer will plant bred-up varieties and big-yielding strains that will give him the greatest returns per acre. Seed Corn cannot continue selling at the present low price, but the quickest way to bring values to normal is to follow the plan advocated, by devoting approximately 25% of your usual Corn acreage to legumes and planting the balance in big-yielding, bred-up types of Seed Corn.



ADAMS SELECTED ALFALFA

An improved strain of Northern-Grown Alfalfa, graded, cleaned and tested by our own superior processes. Bright, plump, clean seed, which you can bank on to produce alfalfa fields that will withstand the rigors of northern winters and yield big, repeating crops of hay.

CERTIFIED (Genuine) GRIMM ALFALFA

This is the hardiest of all Alfalfas—due to its widely branching root system.

The genuine Grimm withstands the severest winters. There is a wonderful difference in this respect between Grimm and other varieties of alfalfa. So much so that in many northerly and cold climates the Grimm variety is regarded as the only sure and safe alfalfa that can be successfully grown without fear of winter killing.

The Adams Seed Company has always exercised the greatest care toward the end that our seed stocks are not only genuine Grimm, but the highest quality in hardiness and yield we can secure. You are protected in buying this seed from us, as we require a sworn statement from grower and the County Agent's certificate that the field is registered. We have never received a complaint that crop grown from our seed was not satisfactory.

COSSACK ALFALFA

Resembling Grimm and claimed by many to be superior to that variety. Our stock is from certified fields and is of choice quality.

LISCOMB ALFALFA

A variety of Alfalfa named from Mr. G. W. Liscomb, who introduced it in Eastern Montana some thirty-five years ago. It is an extremely hardy plant with a more branching root system than other varieties of Alfalfa and variegated flowers, ranging in color from greenish white to deep maroon. Our Liscomb is grown in South Dakota and Montana for us and we recommend it highly for use where other varieties have winter-killed.

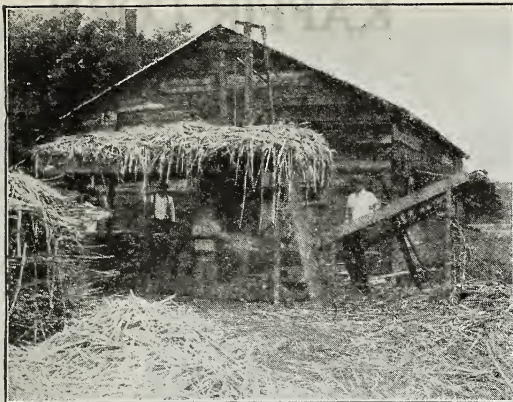
DAKOTA "BLACKHILLS"

The highest quality of domestic alfalfa that we can furnish our customers. Dakota grown alfalfa is recognized as the most hardy; highest in yield and quality. Our "Blackhills" seed is from long established fields. Grown in high altitudes it stands the coldest weather. It is plump and of fine color and judged by returns on the investment, is the cheapest seed you can buy.

EARLY AMBER CANE FOR SORGHUM

Farmers all over our northern states are raising sorghum more and more. Sorghum mills have sprung up everywhere. An acre or two planted to Early Amber Cane makes a fine lot of syrup and helps out the sugar question very satisfactorily. Plant in rows and cultivate the same as corn, using Northern grown seed. Two to five pounds will plant an acre. We have a very choice strain of seed to offer this year grown for us by special sorghum experts in Minnesota. This seed is not only absolutely pure Early Amber but it is from an improved strain developed for high sugar content.

Early Amber Cane is also great for feed as well as syrup. The Southern grown seed is better for that purpose as it makes a larger growth. May be sown broadcast or with drill, 40 to 50 pounds per acre.



A Sorghum Mill in Operation Just North of Decorah, Iowa



Pencilaria

ADAMS' SUPERIOR DWARF ESSEX RAPE

You can't grow a crop that will pay you better profits than Rape. As a forage crop this great annual is in a class by itself. Hogs and sheep take to it eagerly and put on big gains rapidly. It is usually ready for feeding seven weeks after planting, and will produce first-class pasture long after all other green forage has been destroyed by frost.

Rape is easily grown, too, and thrives in almost all soils in the United States and Canada. It can be sown at any time from early spring until August. Planted in cornfields at the last cultivation, it grows to a height of 18 or 28 inches and furnishes splendid fall feed. It is also frequently sown with oats and other small grain and does not interfere with either the yield or harvesting the grain, but produces a splendid rape crop afterwards; 3 to 5 lbs. of seed is usually sown to the acre.

The seed we offer is the purest Dwarf Essex Rape seed obtainable. It is free from bird rape, mustard and other mixtures, and is sold under our regular guarantee covering purity and germination. Sow some of it this year and get big yields of succulent forage for your live stock.



Several Fronds of Hairy Vetch

SAND VETCH—(Hairy Vetch) (*Vicia Villosa*)

Similar in growth to a Pea Vine, but the vines are more slender and more thickly clad with leaves and side stems, which furnish good succulent feed. Individual plants will often make a ten-foot growth before going to seed. They cover the ground with a dense mat of forage 2 feet in depth. It is a wonderful, rapid grower, and thrives with little moisture.

It withstands the cold. Sand Vetch is a so-called winter annual. Usually sown in fall; it stays green until the snow covers the ground, and the next spring will come forth fresh, green and vigorous and form green herbage for cattle earlier than any other forage plants.

It is a heavy yielder. As the name implies, Sand Vetch has a special adaptation for sandy soils.

Our stock is the true *Vicia Villosa* strain, Northern grown, and noted for its extreme hardiness and ability to adapt itself to varied soils (light and heavy) and climatic conditions.

Sow Sand Vetch in spring or fall at the rate of 40 pounds Sand Vetches with about 1/2 bushel of Barley or Oats in spring and Winter Rye in fall. To sow Vetch with a nurse crop has always given the best results. If wanted alone, however, Vetch is sown at the rate of 40 to 60 pounds per acre broadcast, or less amount in drills 30 inches apart. If grown the latter way, it can be cultivated while the plants are young, but they soon will cover the ground densely. For a seed crop sow 15 to 20 lbs. with one bushel Winter Rye. (See illustration.)

SPRING VETCHES OR TARES

Like Alfalfa, the superiority of Vetches for feeding lies in the great amount of protein it contains. As in Alfalfa, its huge soil-restoring capacity is one of its greatest values. It is not only highly relished as a fodder and grain crop, but it increases the milk supply of milch cows and produces flesh very rapidly in all classes of stock. Rapidity in growth and extreme hardiness render it peculiarly suitable to sections with short seasons. Its immense productiveness makes it one of the most economical crops to grow.

Spring Vetch is an annual. It should be sown early in spring at the rate of 60 to 80 lbs. per acre. If sown in connection with oats, use 50 lbs. Spring Vetches to 32 lbs. oats per acre.

KAFFIR CORN

Extremely valuable, both for fodder and grain, on account of the resistance it offers to drought. Grows 5 to 6 feet high with brittle juicy stalks bearing many leaves. Grain yield ordinarily runs 30 bushels or more to the acre and is a great feed for poultry. For fodder sow broadcast or in drills, using 35 to 50 pounds per acre. For grain, plant in rows same as field corn, using 5 lbs. of seed to the acre.

White, or Red Variety can be supplied.

MILO MAIZE

A hay, fodder and ensilage plant that is much like Kaffir Corn, but rather better for forage and produces a somewhat larger grain. Requires less moisture than Kaffir. Makes excellent silage, either alone or cut up with corn. Grown and handled in much the same way as Kaffir and Forage Cane.

FORAGE CANE

Many leading farmers in the Northwest regard Cane or Sorghum as the best of all forage plants. It is sweet, nutritious and easily eaten by cattle, horses and hogs. Produces 3 to 8 tons of cured forage per acre.



Kaffir Corn

Cane withstands drought wonderfully well and is easily grown on any good ground. It is sown broadcast or drilled, from April to July, at the rate of 50 to 100 lbs. per acre.

We offer choice seed of two varieties.

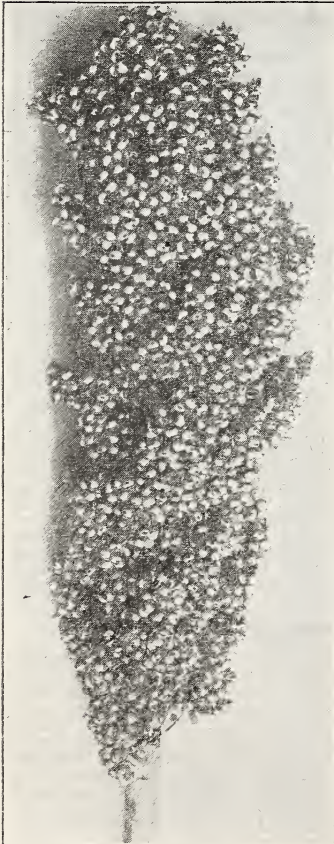
EARLY AMBER—The most common variety of cane.

EARLY ORANGE—Matures later than Amber and is generally planted farther south.

FETERITA

A new grain of Egyptian origin, which resembles Kaffir but has thicker pearly white grain. Matures earlier to yield 30 to 50 bushels per acre. Good feed for any kind of live stock. Specially suited to dry or semi-arid regions, but will usually ripen as far north as Central Iowa. May be sown broadcast, but is usually sown in drills and cultivated.

heads and produces larger yields of than either Kaffir or Milo Maize. Said



Feterita

BROOM CORN

STANDARD EVERGREEN—Most popular in the North.

OKLAHOMA DWARF—Largely grown in the South.

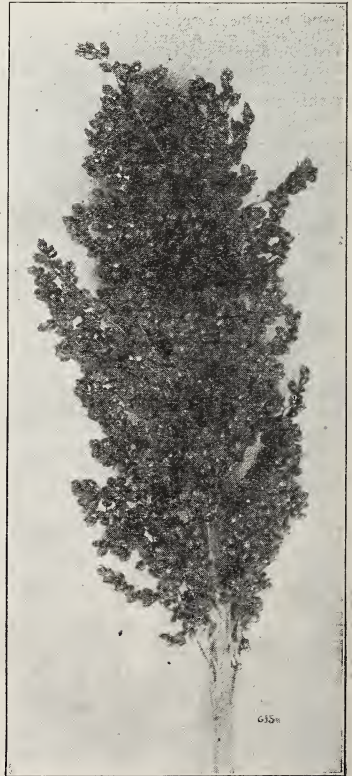
PENCILLARIA

This new fodder plant, while particularly suited to hot, dry climates, can be grown for forage as far north as Northern Iowa. Starts out remarkably and makes an extremely heavy forage crop. Plant in drills 6 inches apart in the row, in May or June. (See picture on Page 65.)

BAGS INCLUDED FREE WITH SHIPMENTS OF FIELD SEEDS

The prices we quote on seed cover the bags, as well as the seed. Think what that means. You don't have to pay the extra 45c that 16 ounce bags cost now nor do we ask for the return of the bags. Keep this in mind when comparing our prices with those quoted by local seed merchants or by other catalog houses.

On the average shipment at the average distance, what you save on bags will equal the freight charges. On short distances you will save more than the freight. Don't overlook this feature of Adams' service, for it's worth money to you.



Early Amber Cane

Cleaner Fields and Bigger Yields result from sowing
ADAMS "PURITY" Brand Seeds

How's this
for an extra-
ordinary growth
from ADAMS
"Purity" Brand
ALFALFA?



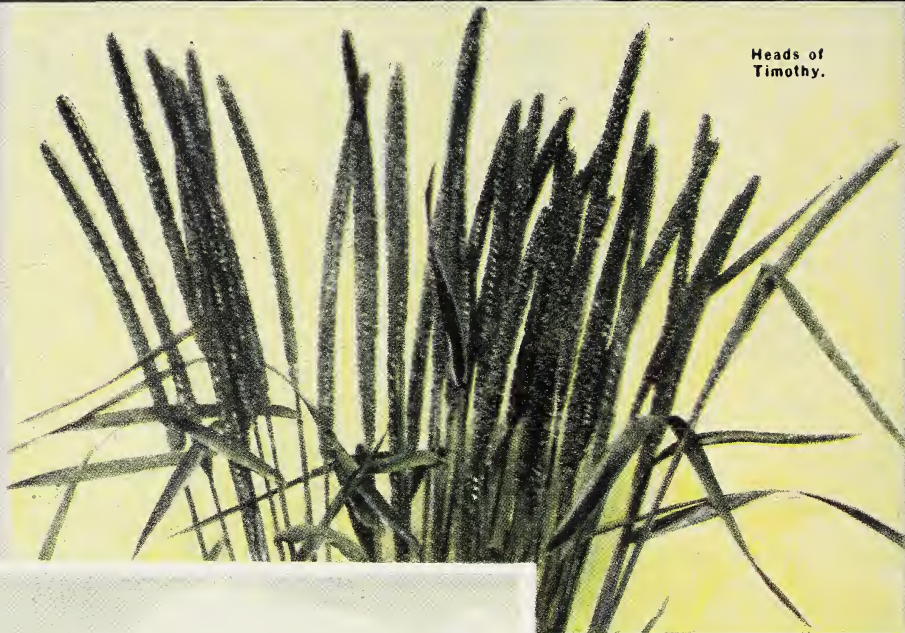
MAMMOTH
SPRING
RYE



A
NEBRASKA
WHEAT
FIELD



**We are Famed for Adams "Purity" Brand
TIMOTHY Seed.**



**Heads of
Timothy.**

**Bumper crop of Timothy
Hay from ADAMS "Purity"
Brand.**



**This picture shows the wonderful
growth of SUDAN GRASS.**

SUDAN GRASS

The Great Hay Maker
and Drouth Resister.



A Field of Sudan



Head of Sudan

Produces twice as much hay per acre as any of the common forage plants. Sudan Grass is comparatively new. It is only 13 years old in the United States and only about seven years old in the northern states. But 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 usually 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. 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, it is very satisfactory. Every farm should have some.

SPELTZ OR EMMER

This is a Russian grain which closely resembles Rye, Wheat and Barley and is becoming very popular in the Corn Belt, as well as in the arid districts, for which it is especially adapted. Makes splendid feed and lots of it, and yields one-third more than barley. Straw comes next to Oat straw in feeding value. All kinds of live stock relish the grain.

Speltz is a very easy crop to grow, the land being prepared for it the same as for Barley and other small grains. Straw is shorter and stiffer than Wheat, free from rust and does not lodge easily. Sow 2 to 2½ bushels per acre.

SUNFLOWER

Make profitable use of old corners on your place by planting Sunflower seeds. The crop of seed raised will make your fowls grow more rapidly and lay more eggs. We recommend the Mammoth Russian Sunflower, single heads of which measure from 12 to 22 inches in diameter, every head containing a big quantity of the finest sort of poultry food.

BUCKWHEAT

Just the thing for newly cleared ground where other crops have failed to catch or where a late season has made it impossible to plant what you expected to. Can also be sown as second crop after taking crop of winter wheat or rye. Usually sown in July—using one-half to three-quarters of a bushel per acre.

Adams' Buckwheat is all choice seed. Two varieties:

SILVER HULL

This is a thin hulled buckwheat of silvery gray color. It has a very solid, medium sized grain. It stays in bloom longer than the other varieties, thus producing a larger crop. The flour made from Silver Hull is light in color. The variety is most excellent for bees and is very popular.

JAPANESE

This is a very popular variety of buckwheat. The plant is of stronger growth than common buckwheat and resists drought and blight much better. The grains are a rich dark brown, and it has a thin hull and larger grain than Silver Hull. It ripens a week earlier than other varieties and is perhaps the best for light or sandy soils and for the dry climate of the western plains.

FANCY SEED FLAX



Flax is one of the most profitable crops you can grow. It can be sown once in six or seven years on the same ground without injuring it. There is nothing like it for pulverizing soil for growing corn.

Be sure to get clean vigorous seed, free from wild mustard and other weeds. You'll find Adams' seed properly cleaned and reasonable in price.

For seed sow 2 to 3 pecks per acre—for fibre crop, 1½ to 2 bushels per acre.

RUSSIAN FLAX

The variety most commonly grown in the Northwestern and Corn Belts. Our seed is grown on clean fields and is free from mustard.

PRIMOST (WILT-PROOF) FLAX

Minnesota No. 25. We specially recommend this new pure bred variety, which is much better than the common variety.

Write for Our Price List of Nursery Stock and Plants

MILLET *Usually Sown as a "Catch" Crop and Should Be Sown Regularly for Fodder*

When other hay and silage crops run short on account of unfavorable weather conditions, the man who has planted a few acres of millet finds himself insured against disaster, for this great quick growing "catch" crop can be depended upon to relieve the shortage. Adams' Millet seed is Southern-grown and ordinarily produces double the yields of Northern-grown seed. We can also supply Kansas-grown seed.

Seed may be sown at any time from early spring to late summer. When used for hay, Millet is generally cut just as the heads are beginning to form and before the plant is in bloom.

Millet is frequently used for silage in combination with other forage plants. It makes a very nutritious hay, somewhat higher in protein content than Timothy.

JAPANESE MILLET—BILLION DOLLAR GRASS

One of the most remarkable of forage plants. It has a marvelous, luxuriant growth, often reaching 6 feet in height and producing an immense amount of hay of great feeding value which is keenly relished by stock. Makes splendid hay and is often used for silage by mixing two parts of it with one part Sand Vetch or Soy Beans, the combination making a finely balanced ration for milch cows. Specially adapted to the low, wet ground. Best sown in drills, using about 10 pounds of seed to the acre—but sometimes sown broadcast, when 15 pounds per acre should be sown.

HUNGARIAN MILLET

An early maturing variety which some people prefer to Golden Millet. Does not grow as large or coarse as Golden.

SIBERIAN MILLET

An extremely hardy Millet, of Russian origin, which withstands drought wonderfully and is about two weeks earlier than Golden Millet. Has a very heavy leafage and is a big producer of a very fine quality of hay. Stalks grow from 2 to 4 feet high. Seeds are red. Sow 35 to 40 lbs. of seed to the acre.

ADAMS' EARLY FORTUNE MILLET

This is similar to Hog Millet, but red in color and has very large, coarse seed, which is fed extensively by poultry raisers. Popular in the far North. Resists drought to a remarkable degree.

WHITE WONDER MILLET

Brought over from China by a soldier boy in the Russo-Japanese war. He discovered it in China and carried a little package of the precious seed in his knapsack.

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. The heads 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 fully half again as much as that of Golden Millet.

Another very desirable feature of White Wonder Millet is its earliness. This variety is earlier than Golden Millet but not quite as early as Siberian.

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

We believe that on account of the earliness, the immense yield of both grain and fodder, and the very vigorous growth, which leaves the ground clean, White Wonder Millet will soon take first place among the millets. The seed is beautiful seed, the prettiest millet we ever saw.



GOLDEN MILLET

This variety, formerly known as German Millet, is far superior to the common or Northern Millet, both in growth and yield. It withstands drought to a remarkable degree and is therefore specially suited to arid districts and dry seasons. When pasturage begins to run short, it pays to plant Golden Millet for Fall feeding or to fill out your hay crop.

Golden Millet usually yields 40 to 50 bushels of seed per acre, and on good soil grows to a height of four to five feet and produces from four to five tons of splendid hay per acre.

Our Golden Millet is not mixed or common seed, but highest quality Southern-grown seed.

COMMON OR NORTHERN MILLET

A very early variety, which does not grow as luxuriantly as Golden Millet nor produce as choice a quality of hay. There is, however, always some demand for it and we will supply as good a quality of seed as can be obtained anywhere.

HOG OR BROOM CORN MILLET

Also known as Manitoba Millet. Grown principally in the far North, where it is in favor on account of its very rapid "short season" growth. The seed makes excellent feed for poultry.

Regarding Prices of All Grass Seeds, Clovers, Timothy and Other Field Seeds

They will be found on a separate Field Seed Price List sent out with each catalog. Thus you get the benefit of the lowest market prices, which would not be possible if we quoted prices in the catalog weeks and, possibly, months before you received it. All Field Seed Prices are subject to change without notice. Orders will be filled at the lowest possible market price. If it goes down, your money will be refunded. If the market has gone up before we receive your order, we will notify you.

We Urge You to Liberally Plant SOJA BEANS (OR SOY BEANS)

During the period of the World's War the Department of Agriculture spent considerable time and energy in educating the growers to a greater diversity in farming. They were ably seconded by the various State Agricultural Colleges, and on account of the propaganda there was a very heavy demand for some of the items, especially the Soja Beans. The demand for the early variety suitable for Northwest planting was so great that seed enough had never been produced to supply the intended planter, and consequently a great amount of the Southern Mammoth Soja Beans were shipped into the North and were sold to seedsmen as early varieties Northern grown. The grower of these beans was disappointed with the results, as in a great many cases they did not mature.

The Early Maturing Soy Beans listed by us are all absolutely Northern grown and of the earliest varieties suitable for planting in this and sections farther north. On account of the lesser acreage grown for seed purposes, these are higher priced than the southern beans, but only about one-half the price of one year ago.

Late or Southern Grown Soy Beans—These are suitable for all points south of Decorah, Iowa, when planted with corn for silage purposes, as they will mature properly with the corn and add considerable value to your corn silage.

Prof. Churchill of the Iowa State College of Ames, Iowa, answered a questionnaire on **Soy Beans**, which we are glad to reproduce:

- Q. Can soy beans be planted with corn?
A. Yes; either for hogging or sheeping down or silage purposes. It requires from three to five pounds of seed per acre when planted with corn.
- Q. Can the seed be mixed with corn in the planter box and planted successfully?
A. This is not a very successful method of planting and should not be followed with a large acreage. If followed, mix the beans and the corn in the planter box and thoroughly mix at the end of each row.
- Q. If not, do any of the manufacturers of corn planters have a soy bean attachment, and if so, who?
A. Yes, practically all the makers of standard corn planters manufacture them.
- Q. How many pounds of soy beans to the acre if drilled in rows wide enough for cultivation?
A. Forty to sixty pounds, depending upon the width between and rate of planting in the rows.
- Q. Is this a good way of handling soy beans?
A. It is one of the best. They can be drilled with an ordinary corn planter or with a wheat drill by stopping up a number of the holes so the rows will be from 32 to 36 inches apart. The beans should not be more than two inches apart in the row in Iowa; perhaps a little farther apart where the rainfall is less.
- Q. If planted broadcast, how many pounds per acre?
A. Sixty to ninety pounds.
- Q. Is sowing broadcast advisable in the North.
A. I would not advise sowing broadcast unless the ground is in excellent condition, practically free from weeds.
- Q. If planted in corn in a corn field, what additional tonnage per acre for silage purposes could a planter expect to get?
A. I am inclined to believe that the total tonnage will not be increased to any great extent, but the beans being rich in protein will give a feed that is richer and of higher feed value.
- Q. At what stage of maturity should the soy beans go into the silo?
A. About half ripe. That is, in the dough stage and the leaves just starting to dry. A later and larger bean can be used for silage purposes than for hogging down or seeding purposes.
- Q. Would you advise inoculation of soy beans?
A. Yes. The beans may do very well without, but they will not improve the land unless inoculated.
- Q. At what stage of maturity should soy beans be cut for hay?
A. When the pods are well filled and when the first leaves begin to turn brown.
- Q. What is the feeding value of the hay, especially for dairy cattle?
A. It contains practically the same amount of protein as alfalfa, but is not quite as palatable. For sheep it will take the place of alfalfa hay, pound for pound.

- Q. What is the value of soy bean seed?
A. It contains about 31 per cent digestible protein, the same as oil meal, and is practically the same in feeding value.
- Q. Would you advise using soy beans alone in the silo?
A. No; they do not make good silage alone.
- Q. Will soy beans and corn silage increase the milk flow over corn silage alone?
A. I do not know of any exact experimental data on this particular point. A number of practical dairymen in this state believe that it will.

MANCHU

This variety was obtained from northern Manchuria and has given excellent results in the northern states, both for grain and forage. The plants are stout, erect, and mature in about 110 days. This variety is very popular and is grown extensively.

HOLLYBROOK

This is one of the standard varieties and will mature anywhere in the corn belt. It matures in about 120 days, growing about 36 inches tall. It is a heavy producer of seed and hay and is desirable to plant with corn for hogging down purposes.

ITO SAN

An old variety that we have offered for fifteen years and the best real early bean that we have found. Matures probably five days earlier than Mongol; is well adapted to Michigan and other states in that latitude; beans medium size, yellow. It branches reasonably well, stands erect and is a reasonably good yielder. Sow about 20 pounds to the acre.

MAMMOTH YELLOW

The largest growing and most popular of soja beans for forage purposes. A little later in maturity than other kinds, but makes larger yields, both of forage and seed. Especially valuable for this section and farther south. Crop values not settled at time this catalog is printed. We recommend this Mammoth Yellow as the most desirable variety to plant.

MEDIUM GREEN

This was at one time the best known bean, but is gradually being discarded as a seed producer for the reason that in unfavorable seasons it suffers more than other varieties and at all times shatters so badly that there is a big loss in seed. The seed is always very scarce and high in price. As a substitute we strongly recommend the Mongol described above.

EARLY BROWNS

This is practically the same bean as the Ito San but seems to be harder. Mr. E. E. Evans of Michigan, who introduced both, tells us that the Early Brown, besides being somewhat earlier, is a better all-round variety than the Ito San.

WISCONSIN EARLY BLACK

Matures in about 100 days. Very popular.

WILSON

A black variety. About 120 days. Popular for hay and silage and gives good yield of seed.

MAMMOTH BLACK

CHESTNUT

FOR HOGGING DOWN

Manchu, Ito San, Wilsons, Chestnut, Black Eyebrow, Minnesota 166 and 167.

FOR EMERGENCY HAY CROP

Medium Green is best. Also best for planting with corn in latitude of Southern Iowa, where it will ripen with corn. Manchu is also good for hay. Chestnut variety holds its leaves. Black Eyebrow and other varieties lose them much sooner.

FOR SEED CROP

Manchu, Early Black, Early Brown.

FOR HEAVY YIELD OF SILAGE OR GREEN FODDER

Mammoth Yellow and Mammoth Black.



COW PEAS

THE DOUBLE PURPOSE CROP

Here's another plant that will build up your soil while producing big quantities of highly nutritious feed. Cow Peas can be grown anywhere from the Corn Belt south, no matter how thin or impoverished the soil, and will make a good stand under soil conditions where clover or alfalfa will not. Used as pasturage they are highly relished by hogs and sheep, and when cut green and filled into the silo with corn they produce an unusually fine and nourishing silage. This fact leads many farmers to plant them with corn, as the two crops usually mature at about the same time. Cow pea hay is a great milk producer. Plowed under as a green manure they are a quick action fertilizer.



We offer four tried-and-proved varieties of seed suitable to latitudes from which our trade comes. All seed is carefully graded and tested before shipment.

Whip-Poor-Will. A medium-early variety, very desirable for a forage crop and for rebuilding worn out land. A very prolific yielder and the most commonly used variety for planting broadcast.

Adams' Victory. An early variety that we feature strongly because it is so early and such an extremely good grower. Somewhat smaller than the Whip-Poor-Will.

New Era. An old stand-by which makes splendid hay. Matures in 60 to 75 days and does splendidly as far north as Minnesota. Vines are smaller than other varieties and are more easily cured.

Clay. Popular South. Will not mature North.

Mixed Cow Peas. All varieties. A good way to sow them.

CANADA WHITE FIELD PEAS

One of the most profitable crops that farmers can raise. Ranks high as a food for horses, cattle, sheep and hogs, as the peas themselves are rich in bone-building elements. Enrich the soil like clover, alfalfa and the other legumes. Frequently sown with oats to get a double crop. Cut and cured, the vines make a superior quality of hay in big quantities.

The demand we had for Field Peas last year and the remarkable results reported from them by our customers lead us to make special effort this year to provide big stocks of select seed. Our Field Peas are all carefully tested before shipping, and you will find them high in germination.

ADAMS SEED RYE

Rye fills a distinctly valuable place in well-balanced farming operations. Since it is harder than wheat it can be successfully grown in cold sections where winter wheat is an uncertain crop. It can be grown on sandy and arid soil which is not suited to wheat raising. It is less liable to injury from insects and rust and can be sown later in the fall, as it will germinate and grow at temperatures where wheat will not. It is an ideal first crop to plant on new clearings and freshly drained marsh tracts.

We offer first-class seed in both Winter and Spring Rye at very attractive prices.

MAMMOTH SPRING

A splendid catch crop which can be sown later than the usual spring grasses. Produces four times as much straw as oats and grows 6 to 8 feet high. The straw is of superior quality. Plowed under it makes an excellent green manure. Yields 30 to 40 bushels of grain per acre. Not less than 2 bushels should be sown per acre.

MONSTER WINTER

An improved variety which is usually sown from the middle of August to the middle of September and fur-

nishes fine pasture in late Fall and early Spring. Usually, however, it is grown for the grain and will produce a very profitable crop, even on rather poor soil.

ROSEN

This variety, which was originated by the Michigan State Agricultural Experiment Station, has long, broad heads with larger, plumper berries than other varieties. It resists mud and rain exceptionally well on account of the stiffness of the straw. Is generally regarded as yielding from 5 to 15 bushels more per acre than ordinary rye.



Cutting Rye With a Tractor

ADAMS SEED WHEAT

For years to come the whole world will look to the United States for a big percentage of the wheat needed to furnish its daily bread. Foresighted farmers will keep planting bigger acreages of wheat and the profits they make on this staple grain will be determined by the quality of the seed they plant and the suitability of the variety planted to the latitude in which it is grown.

Adams' Wheat is "pedigreed seed," bred for big crops, with plump kernels, and carefully cleaned and tested for purity and germination. We offer very choice seed wheat this season in the varieties which extended experience has shown to be consistent yielders.

EARLY JAVA

An early bearded variety which is a prime favorite in Central Iowa latitudes. Can ordinarily be harvested as early as Winter wheat, and is therefore frequently sown in soil where Winter wheat has partially failed, making a good crop for milling purposes.

BLUE STEM

Minnesota No. 169. A hardy wheat originated at the Minnesota State Agricultural Experiment Station. Has proved a steadily good yielder for many years and deserves its widespread popularity.

MARQUIS

The "Thousand Dollar Prize" wheat—Unquestionably the best of all round Spring wheat grown, yielding as high as 50 bushels to the acre. Extremely early and productive, as well as hardy. Especially recommended for Minnesota, Dakota and Iowa. Grows stiff, strong straw of medium height and matures its plump, round, dark red kernels two weeks earlier than the Blue Stem. Easy to handle at harvest because free from beards. Unexcelled in both milling and baking qualities. Our Marquis seed is grown in latitudes for which it is recommended and can be depended upon to bring you much better yields than common varieties. Sow in early spring.

WINTER WHEAT

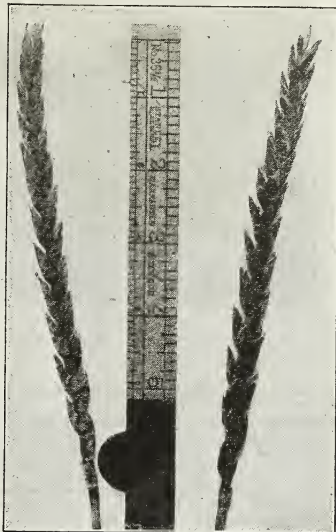
On account of the time at which our Spring Catalog is issued we do not give space to Winter Wheat, but list select seed of the best yielding varieties in our Summer Catalog.

DURUM

Also known as Macaroni Wheat—A prolific yielder which produces a good stand and crop even on poor land. Grains are large and solid and unusually free from smut and rust. In big demand for the manufacture of macaroni and spaghetti. Sow Durum in early spring.

AMBER DURUM

A special rust-proof, heavy yielding, soft wheat, developed in North Dakota.



Marquis Wheat
(Two 6-Inch Heads)

ADAMS SEED BARLEY

Regardless of conditions in the malting industry, barley is bound to be a profitable farm crop. Its high protein content gives it a remarkable feeding value for all kinds of stock, and when fed to hens in winter months it is an egg stimulator.

Our seed Barley is especially selected; bred for hardiness and big yields, and handled in our special barley mill, which removes all oats, weeds and weak barley, and leaves only the strongest and most virile seed, which can be counted upon to raise big crops.

ADAMS' EXTRA HEAVY SELECT BARLEY

A superior seed barley, developed by us with special attention to securing big, heavy, even seed that will raise enormous crops. Cleaned with extra care to insure freedom from weeds. Measured bushels weigh 50 to 52 pounds. We have been selling HEAVY SELECT for many years and thousands of our farmer customers order it season after season in preference to any other variety. We recommend it highly and the crops it raises will live up to our recommendations.

WISCONSIN PEDIGREED

The world's greatest prize winner; yields nearly twice as much to the acre as common barley and has made millions of dollars for the farmers of America's barley growing districts. Has plumper grain, stiffer straw, and more vigorous growth than any other barley—with long uniform heads, completely filled out with kernels of uniform size and color. Stands up better than other varieties.

BEARDLESS

Very early. Popular for hog feeding.

ODERBRUCKER (WISCONSIN 55)

Extremely rich in protein content, so has exceptional feed and malting value. A bearded barley with stiff straw, which stands up well in rich soil and is remarkably free from rust and smut. You will make no mistake in ordering Adams' Select Seed of this highly profitable barley.

MANSHURY

An early 6-row standard variety, which bears long, well-filled heads of plump grain, and can be depended upon for satisfactory yield. Has very strong, stiff straw and long root system. Extensively grown with splendid success throughout the Northwest.

IMPROVED WHITE HULLESS

Entirely different from any other barley. Grain looks like wheat and is almost as heavy. Has no beards or hulls. Kernels are pure meat and almost equal to wheat in feeding value, while yielding nearly twice as heavily. Matures in 60 to 90 days and yields as high as 60 bushels per acre. Very early, so is a grand nurse crop for seeding with clover.



Beardless Barley

Adams Northern Grown Seed Oats



Harvesting Oats

The enormous demand for oats for food and cereal foods makes this good old staple crop a sure big money-maker. Get in right for oats for 1922 by planting Adams' Select Northern Grown Seed, carefully cleaned by the big machines in our new plant so as to remove light and imperfect kernels as well as all foul stuff, dirt and foreign substances. Don't take chances with inferior seed of low germination percentages—you want to raise a big oats crop and Adams' seed can be depended on for a strong stand and big yield. Our seed oats are all Northern Grown and we can heartily recommend the varieties we list in this catalog, for they have proved big yielders.

"For whatsoever a man soweth,



that shall he also reap"

Is as true to-day as it was hundreds of years ago when first spoken. It applies to things spiritual as well as to things material. And of all the places where its application is most practicable, is on the farm. It is a good quotation from the Bible for a man to keep in mind when buying seeds.

THE FAMOUS 103

This wonderfully prolific early variety was bred up from the White Kherson oats by Prof. L. C. Burnett, agronomist, at the Iowa State College Experimental Station. It is especially well suited to the Middle West where yields of as high as 104 bushels per acre have been reported. Specially suited for growing on rich soil, showing up strong at threshing time with big yields of plump, heavy thin-hulled white grain. Straw is of medium height and very stiff, standing up well on rich bottom land where other varieties would be a failure. Stools well and requires only $2\frac{1}{2}$ to 3 bushels of seed per acre. Matures so early that it escapes the hot dry "spells" so common in Iowa and adjacent states. Our seed is exceptionally fine pedigreed stock, free from smut, weed seeds and other grain and weighs 36 pounds to the measured bushel. You cannot buy better anywhere at any price.

ADAMS EARLY ENGLISH

Introduced by us seventeen years ago, this hardy, heavy, early oat has increased in popularity every year and is the first choice of thousands of farmers for planting on thin soils.

These oats have a remarkably thin single hull and a very heavy berry, which is plump like barley. They ripen earlier than any other heavy oat. Straw is very heavy and does not lodge easily. Not adapted to heavy black soil, but extremely satisfactory on the thinner soils. Get your seed from the original introducers of this variety and so make sure of its quality and genuineness.

WHITE PLUME

One of the best large varieties; heavy yielding; long heavy heads, very stiff straw.

REGENERATED SWEDISH SELECT

The largest of white oats, with fine appearance and strong stiff straw. A heavy yielding variety of Swedish origin which we have found very satisfactory for soils which are not so rich as to cause trouble from lodging. A great drought resister. We offer only pure genuine Regenerated Swedish Select Oats, of northern growth, which will produce strong, rapidly growing plants and are, therefore, much more profitable to plant than cheaper stock.

NEW KHERSON

A very heavy 60-day oat that stands up fine on rich black soil. Matures early before hot, dry weather sets in. Straw is short and stiff, grains are small and yellow with very thin hulls, and being practically all meat are unsurpassed for feeding purposes. Farmers in this latitude are planting Kherson Oats more heavily every year, and where Adams' carefully graded selected seed is used big yields may safely be expected. **Send for samples.**

SILVER MINE

This variety is too well known to Corn Belt farmers to need extended description. It has proved such a consistent yielder of big crops that it is widely regarded as the "good old stand-by." Has large, strong, white straw and large, plump, heavy grain with medium thin hulls.

IOWA 105

Another of Prof. Burnett's originations which can be very successfully grown on rich land where other oats would lodge badly. Has stiff, strong, short straw and yields well. Grains are light yellow in color; plump and heavy, with thin hull. Crop matures early. We can consistently recommend Iowa 105 as a money-maker to farmers on rich soil in the Corn Belt States who plant their oat fields with Adams' quality seed.

IOWAR

Prof. Burnett's latest production. He claims it to be three days later, three inches taller and yields three bushels per acre more than Iowa 103.

THE CYCLONE SEED SOWER

THE SOWER THAT SCATTERS EVENLY

Fifty acres in a ten-hour day—seeded evenly, thoroughly and easily. That's what you can do with a Cyclone Seeder. Use it with any seeds that can be sown broadcast or with ground bone, ashes or fertilizer—a Cyclone will pay for itself in three hours' work. Because its absolutely even distribution will make three bushels do the work of four.

THE PARTS THAT DO THE BUSINESS

1. Slope Feed Board—A very important feature, found only in the Cyclone. Keeps the hopper properly filled without tilting the machine. Insures a uniform flow and affords a great convenience to the operator in carrying the Seeder.

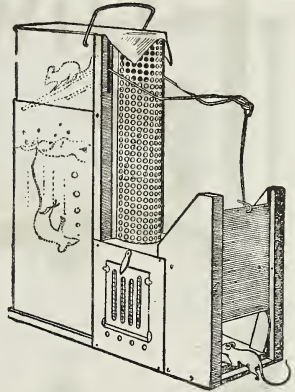
2. Automatic Feed Adjustment—Gives positive Force Feed throughout. Quickly adjusted for different seeds. Flow can be started or stopped instantly by a touch of a lever. Can't clog or "rush." No waste of seed.

3. Distributing Wheel—Scatters seed evenly. Throws equal amounts to equal distances on each side of operator. Made of solid tin—with no soldered joints.

Guaranteed absolutely at the Special Price of \$2.00. By Express, Not Prepaid. Add postage for 5 pounds, if ordered prepaid.

'PEERLESS' AUTOMATIC MOUSE AND RAT TRAPS

The Best Trap Ever Invented.



Resets automatically after each catch. Thousands in use. Made of wood, galvanized iron, tin and best galvanized wire netting.

No. 1—For mice, 9x8½x2¾ in.; weight 1½ lbs., \$1.75. Not prepaid.
No. 2—Rat size, 10 x4x10 in. \$3.00
No. 3— " " 25½x7x26 in. \$5.50

A Seed Tester For Only \$1.10, postpaid.

CARRUGUSS SEED TESTER

Just the thing to test your seed corn and other seeds for germination. Every Farmer Should Have One.

PEENY DUST GUN

To apply powdered insecticides to the plants in your garden... \$1.10, postpaid

BOOKS on Horticultural and Kindred Subjects

ALL BOOKS SENT POSTPAID AT PRICES GIVEN

A Woman's Hardy Garden (Mrs. Ely). One of the most popular and helpful books for the amateur, beautifully illustrated, \$2.00.

Amateur's Practical Garden Book. Contains the simplest directions for the growing of the commonest things about the house and garden, \$1.90.

Asparagus. Its culture for home use and for market, 90c.

Backyard Garden, The (Edward I. Farrington). A practical hand book for the amateur gardener. Contains general directions for the planting, cultivation and care of the home garden; also a valuable compilation of planting dates, desirable varieties, insecticides, etc. Illustrated. Cloth, \$1.00.

Bean Culture. (Glenn C. Sevey). A Practical Treatise on the Production and Marketing of Beans. Illustrated. 144 pages. Cloth, 90c.

Berry Book (Biggle's). All small fruits are treated in this complete little book, 50c.

Bulbs, Hints on the Growing of (Dreer). Tells how to grow both spring and summer flowering bulbs, 25c.

Cabbage, Cauliflower and Allied Vegetables (Allen). Tells all about them, from seed time to harvest, 90c

Celery Culture. Complete in every detail, 90c.

Continuous Bloom in America (Shelton). Solves the problem of how to keep a garden in flower from early spring to late autumn, \$3.50.

Farm and Garden Rule Book. A manual of useful ready rules and reference, \$3.25.

Farmer's Cyclopaedia of Agriculture (E. V. Wilcox and C. B. Smith). A practical, concise and thorough presentation of agriculture, Farm, orchard and garden crops, animals, feeding, dairying, poultry, fertilizing, spraying, etc. 6000 topics. 500 illustrations. 700 pages. Cloth, \$4.50.

Flower Garden, The Practical (Mrs. Ely). The author's latest and best book, finely illustrated, new edition, just issued, \$3.00.

Garden Guide. (Amateur Gardener's Handbook). Tells how to plan, plant and maintain the home grounds, how to grow vegetables, fruits, flowers, etc., \$1.00.

Garden Planning (W. S. Rogers). Especially designed to help the maker of small gardens who wants to start properly, \$1.25.

Grasses and How to Grow Them. (Prof. Thos. Shaw). A practical discussion of the economic grasses of the United States and Canada from the standpoint of the stockman and farmer. Illus. 454 pages. Cloth, \$2.00.

Handbook of Plants (Henderson). A dictionary of plants with valuable hints for important sorts, \$3.50.

Home Floriculture (Rexford). A practical guide on flowering and ornamental plants for the amateur, \$1.75.

How to Plan the Home Grounds (Parsons). Instructions for beautifying the home grounds, large or small, \$1.25.

Manual of Gardening (Bailey). A practical guide to the making of home grounds and the growing of flowers, fruits and vegetables for home use, \$3.25.

Melon Culture. (James Troop). The Production of Melons for Home Use and for Market; Forcing, Insects, Diseases and Their Control, etc. Illustrated. 118 pages. Cloth, 90c.

Milady's House Plants (Palmer). Tells of the plants which any woman can successfully grow indoors; 100 instructive pictures, 75c.

Mushroom Growing (Duggar). The latest work on this subject, the information contained in this book is reliable and up-to-date, \$2.00.

Onion Culture (Greiner). Gives the latest ideas of growing this crop, 90c.

Orchard Book (Biggle). A concise work. Gives all necessary details for culture of apples, pears, etc., 50c.

Plant Culture (Oliver). A new and greatly enlarged edition of this splendid handbook of everyday practice for the florist and gardener, \$3.50.

Potato Culture (Fraser). The most reliable and authoritative book on the potato published, \$1.00.

Poultry Book (Biggle's). Most concise work on the subject, 50c.

Practical Landscape Gardening (Cridland). Of particular value to the owner of the moderate sized suburban home, nicely illustrated, \$2.50.

Roses, How to Grow. Nicely illustrated, \$1.25.

School Agriculture. (Milo N. Wood). This treats in a way valuable for all desiring a general knowledge of elementary agriculture. Illustrated. 340 pages. Cloth, \$1.25.

Soils (Burkett). Their properties, improvements, management and the problems of crop growing and crop feeding, \$1.75.

Strawberry Culture (Fuller). Contains all information necessary to enable anyone to grow their own strawberries, 40c.

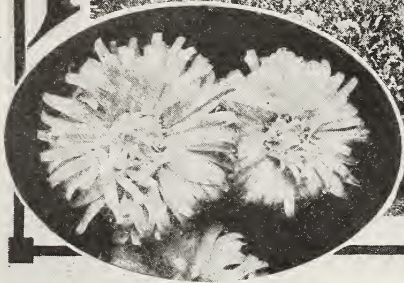
Tomato Culture (Tracy). The most complete work on the subject, 90c.

Vegetable Forcing (Watts). The most complete and authoritative work on this subject. Equally valuable to amateurs and experienced gardeners, \$2.50.

Water Gardening. A very complete work on this most fascinating branch of horticulture, \$3.50.

Vegetable Gardening (Samuel B. Green). A Manual on the Growing of Vegetables for Home Use (Revised). Illustrated. 252 pages. Paper, 75c.

FLOWER SEEDS



What is home without flowers?—Merely a house.

What is a garden without plants?—Simply a yard.

That you may have beautiful flowers to grow in your home, fresh, fragrant cut flowers from your garden for the table and parlor, and plenty of easily grown plants and flowers in your garden, we have gathered from the uttermost ends of the earth the choicest strains of the most carefully grown flower seeds. Our list includes the best bedding varieties, ornamentals, climbing vines for the porch, and hardy perennials which live, grow and blossom year after year.

THIS WILL HELP YOU MAKE YOUR SELECTIONS OF FLOWERS ADAPTED FOR DIFFERENT USES

SHOWY FLOWERING ANNUALS FOR BEDDING AND MASSING

- | | |
|------------------|------------------------|
| Ageratum | Eschscholtzia |
| Alyssum | Gaillardia |
| Antirrhinum | Lobelia (Compacta) |
| Asters | Marigolds |
| Balsams | Nasturtium (Tom Thumb) |
| Calendula | Pansy |
| California Poppy | Petunias |
| Calliopsis | Phlox, Drummondii |
| Candytuft | Poppies |
| Carnation | Portulaca |
| Celosia | Salvia |
| Chrysanthemum | Stocks |
| Cosmos | Verbena |
| Dahlia | Zinnias |
| Dianthus | |

COLORÉD FOLIAGE PLANTS FOR RIBBON BEDS

- | | |
|------------------|------------------|
| Cineraria, White | Pyrethrum Aureum |
| Coleus | White Centaurea |

CLIMBING ANNUALS FOR ARBORS, VERANDAS, TRELLISES, ETC.

- | | |
|------------------|-----------------|
| Coboea | Gourds |
| Cypress Vine | Humulus (Hop) |
| Dolichos | Moonflowers |
| Balloon Vine | Morning Glories |
| Balsam Apple | Nasturtium |
| Canary Bird Vine | Sweet Peas |
| Cardinal Climber | Thunbergia |

HARDY FLOWERING PERENNIALS FOR PERMANENT BEDS AND BORDERS

- | | |
|-------------------|-------------------|
| Abutilon | Gypsophila |
| Aquilegia | Hollyhock |
| Campanula | Lychnis |
| Candytuft | Myosotis |
| Canterbury Bells | Pansies |
| Carnation | Pinks (hardy) |
| Chrysanthemum | Platycodon |
| Coreopsis (hardy) | Pyrethrum (hardy) |
| Delphinium | Scabiosa |
| Dianthus (hardy) | Stokesia |
| Digitalis | Sweet William |
| Gaillardia | Wallflower |

PLANTS FOR VASES, HANGING BASKETS, VERANDA BOXES, ETC.

- | | | |
|----------------|---------|-----------------|
| Drooping Sorts | | Upright Growing |
| Ice Plant | Lobelia | Alyssum |
| Nasturtium | Petunia | Centaurea |
| Smilax | | Coleus |
| | | Gypsophila |
| | | Heliotrope |
| | | Pansy |
| | | Verbena |

LARGE SHOWY ANNUALS FOR BACKGROUNDS AND BORDERS

- | | |
|-----------------|----------------|
| Amaranthus | Lupines |
| Asters | Marigolds |
| Balsams | Marvel of Peru |
| Calendula | Nicotiana |
| Calliopsis | Poppies |
| Celosia Plumosa | Ricinus |
| Centaurea | Salvia |
| Chrysanthemums | Scabiosa |
| Cosmos | Sunflower |
| Dahlias | Sweet Sultan |
| Datura | Wallflower |
| Hibiscus | Zinnias |
| Larkspur | |

PLANTS SUCCEEDING IN PARTIAL SHADE

- | | |
|------------------|------------|
| Antirrhinum | Delphinium |
| Aquilegia | Lobelia |
| Bellis (Daisies) | Feverfew |
| Canterbury Bells | Myosotis |
| Coreopsis | Pansy |
| | Poppies |

PLANTS SUITABLE FOR EDGINGS

- | | |
|------------------|-------------------|
| Ageratum | Nasturtium, dwarf |
| Alyssum | Petunia |
| Asters, Dwarf | Phlox-Compact |
| Bellis (Daisies) | Pinks (hardy) |
| Candytuft | Portulaca |
| Centaurea, White | Pyrethrum Aureum |
| Cineraria | Sweet William |
| Cosmos (dwarf) | Verbena |
| Lobelia Compacta | Zinnia-Pompon |
| Marigold | |

BURPEE'S NEW
EARLY FLOWERING SWEET PEAS

PEACH BLOSSOM



FLAMINGO

LEMON BEAUTY

COPYRIGHT 1929 BY
W. ATLEE BURPEE CO.



MAGNIFICENT

HOPE

MRS TOM JONES

ELEGANT

SPARKLER

COPYRIGHT 1920 BY
W. ATLEE BURPEE CO.

BURPEE'S SWEET PEAS

THE ADAMS GUARANTEE

We exercise great care in growing, selecting, sorting, re-cleaning, grading and testing Adams Certain Seeds, and fully guarantee them, as follows:

We guarantee the purity and germination of our vegetable and flower seeds, bulbs and plants to the full amount of the purchase price, and will replace, free of charge, or refund the purchase price, any time within the year, any such as have proven unsatisfactory.

Since success in gardening or farming depends largely upon soil, cultivation and climatic conditions, and because of the possibility of error, all our seeds, bulbs and plants are sold with the understanding that The Adams Seed Company shall, in no case, be liable for more than the amount actually paid for same.

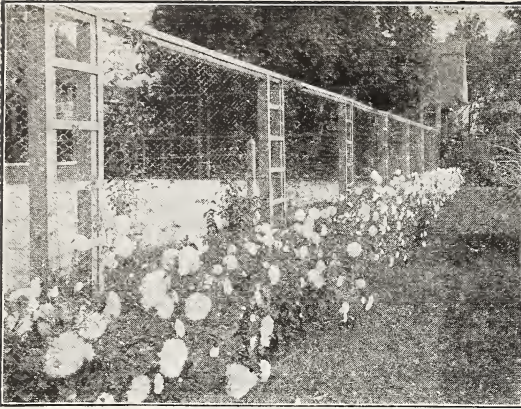
The following abbreviations are used throughout our list of Flower Seeds:

- (*) Flowers for cutting and bouquets are marked with this mark (*).
- A. **Annals.** Seed sown in Spring will flower and mature seed in one season.
- (†) Prefixed indicates the Climbers and Vines.
- H.H.A. **Half-Hardy Annals.** Seed should be sown in greenhouses or hotbeds during March and April and transplanted in open ground latter part of May.
- H.A. **Hardy Annals.** Seed may be sown in the open during March and April and will endure ordinary weather to October.
- B. **Biennials.** Seed should be sown from June to August, flowering the next season. Seeds of many varieties, if sown in February, will flower same season.
- H.B. **Hardy Biennials.** May be treated same as Hardy Annals, flowering next season.
- H.H.B. **Half-Hardy Biennials.** Seed should be sown in greenhouses or coldframes, transplanted in the open latter part of May and require protection during Winter.
- P. **Perennials.** Seed should be sown during July and August, flowering the next season and continuing to flower each succeeding year.
- H.P. **Hardy Perennials.** Do not require protection during Winter.
- H.H.P. **Half-Hardy Perennials.** Require slight protection of leaves or boughs during Winter months.
- G.P. **Greenhouse Perennials.** Require the protection of hothouse during Winter.
- G.A. **Greenhouse Annals.** Require greenhouse temperature at all times.

The hardiness, it should be understood, is intended to apply to the climate of the Central States. Farther north or south, these designations apply only in a comparative way.

Who can write a description of a flower and adequately portray its beauty? Or find words to express its delightful fragrance? We are not even trying to. Our list of flower seeds has been made up by the expert who has charge of that department, and it is large enough to suit any fancy—and much larger than many seed houses offer. Inferior flowers are omitted. The class of trade The Adams Seed Co. caters to knows practically all the flowers listed here. So why tell them something which they already know? The variety names and colors are all anyone needs, and we have supplemented that with tables showing purposes for which most flowers are adapted, data as to season and hardiness, height, etc. We trust our efforts to help you select the best varieties will win your approval and that you will appreciate how much care and expense we have expended in procuring seeds of the best quality for you at reasonable prices.

	Per Pkt.	Height, In.
ABUTILON, Royal Prize, Mixed.....	15c. GP. All colors.....	48
AGERATUM, Mexicanum, Blue (Floss Flower).....	10c. HHA.....	18
Tom Thumb, Blue.....	10c.	6
Tom Thumb, Mixed.....	10c. Blue and White.....	6
ALYSSUM, Maritimum (Sweet Alyssum).....	5c. HA. White.....	6
Little Gem.....	10c. White.....	4
AMARANTHUS, Tricolor Splendens.....	10c. A. Scarlet, crimson, gold.....	24
* ANCHUSA Italica, Dropmore.....	10c. HP. Gentian blue.....	48
* ANTIRRHINUMS (Snapdragon).....	10c. HHP.....	
Dwarf Mixed.....	10c. All colors.....	6
Giant Purple King.....	10c.	24
Giant Scarlet.....	10c.	24
Giant Yellow.....	10c.	24
Giant Rose-Pink (Venus).....	10c.	24
Giant White (Queen Victoria).....	10c.	24
Tall Mixed.....	10c. All colors.....	24
* AQUILEGIA (Columbine) Double Mixed.....	10c. HP. All colors.....	24
Coerulea.....	10c. Violet, blue and white.....	24
Long Spurred Hybrids.....	15c. All colors.....	24



Crego's Giant Asters

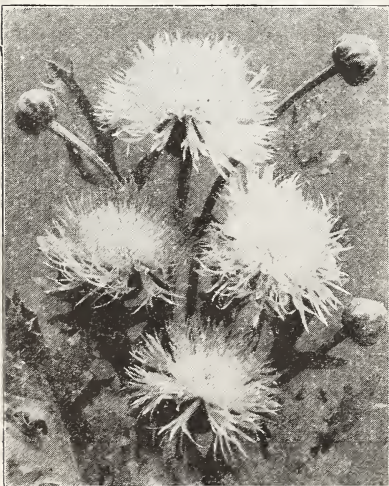


Hardy Pinks (Dianthus Plumarius)

	Per Pkt.	Height In.
*ASTERS.....	HHH.....	
American Late Branching		
Crimson.....	10c.....	24-36
Lavender.....	10c.....	24-36
Mary Semple (Shell-Pink).....	10c.....	24-36
White.....	10c.....	24-36
All Colors, Mixed.....	10c.....	24-36
Crego's Giant		
Shell-Pink.....	10c.....	24-36
Purple.....	10c.....	24-36
Lavender.....	10c.....	24-36
White.....	10c.....	24-36
All Colors, Mixed.....	10c.....	24-36
King-Upright Type		
Crimson King.....	10c.....	24-36
Lavender King.....	10c.....	24-36
Rose King.....	10c.....	24-36
Early Branching Royal		
Lavender.....	10c.....	24-36
Shell-Pink.....	10c.....	24-36
Purple.....	10c.....	24-36
White.....	10c.....	24-36
Rose-Pink.....	10c.....	24-36
All Colors, Mixed.....	10c.....	24-36
Comet		
Giant Branching Comet, White.....	10c.....	30
Giant Branching Comet, Crimson.....	10c.....	30
Giant Branching Comet, Blue.....	10c.....	30
Giant Branching Comet, Light Pink.....	10c.....	30
Giant Branching Comet, Dark Blue.....	10c.....	30
Giant Branching Comet, Mixed.....	10c.....	30
Queen of the Market (American Grown)		
Crimson.....	10c.....	18
Shell-Pink.....	10c.....	18
Dark Blue.....	10c.....	18
White.....	10c.....	18
Light Blue.....	10c.....	18
All Colors, Mixed.....	10c.....	18
Other Asters		
Crimson Giant.....	10c.....	24
Mikado, or Rochester.....	10c.....	24
White Mikado.....	10c.....	24
America (Enchantress).....	10c.....	24
Peerless Pink.....	10c.....	24-30
Sensation.....	10c.....	18-24
Lavender Gem.....	15c.....	24
Truffaut's Paeony-Flowered Perfection, Mixed.....	5c.....	18-20
†BALLOON VINE (Cardiospermum halicacabum)		
(Love-in-a-puff).....	5c. HHA.....	84
BALSAM Camellia-Flowered, Mixed.....	10c. HHA.....	24
BELLIS Perennis Double Quilled, Mixed		
(Double Daisy).....	10c. HP.....	6

	Per Pkt.	Height, In.
* CALENDULA Orange King	10c. HA	24
Double, Mixed	5c. All colors	24
CALIFORNIA PÖPPY —See Eschscholtzia		
* CALLIOPSIS (Coreopsis) Drummondii		
(Golden Wave)	10c. HA	Yellow, maroon center 24
Tall Mixed	5c.	30-36
Grandiflora	10c. HP	Golden yellow 36
* CAMPANULA , Medium, Single, Mixed		
(Canterbury Bells)	10c. HB	All colors 36
Medium, Double, Mixed	15c.	All colors 36
Medium, Calycanthea, Blue	15c.	24
Medium, Calycanthea, Rose	15c.	24
Medium, Calycanthea, White	15c.	24
Medium, Calycanthea, Mixed	15c.	The above three colors 24
† CANARY BIRD FLOWER (Tropaeolum		
Peregrinum)	10c. TA	Yellow 240
CANDYTUFT		
Giant Empress	10c. HA	White 24
Little Prince	10c. HA	White 6
Umbellata, Dark Crimson	10c. HA	24
Umbellata, Lilac	10c. HA	24
Umbellata, Mixed	5c. HA	All the colors 24
Large-Flowered Dwarf Hybrids, All Colors		
Mixed	10c. HA	12
PERENNIAL CANDYTUFT		
Iberis Sempervirens	15c. HP	White 6
CANNA Crozy's Large-Flowering, Mixed	10c. HA	Many colors 84
† CARDINAL CLIMBER	15c. TA	Cardinal red 240
* CARNATION , Marguerites, Mixed	10c. HHP	All colors 18
Choice Double, Mixed	15c. HP	Many colors 18
CELOSIA		
Pyramidalis (Plumosa), Dwarf Mixed	10c. HHA	Yellow, red, etc. 15
Tall Mixed	10c.	Yellow, red, etc. 24
Magnificent Mixed	10c.	Yellow and red shades 30
Childsii (Chinese Woolflower) Crimson	15c.	Purplish crimson 24
CENTAUREA		
* Imperialis Mixed (Giant Sweet Sultan)	10c. HA	All colors 24
* Cyanus Single, Mixed (Cornflower or		
Bachelor's Button)	5c. HA	All colors 24
Double Blue	10c. HA	24
Double Mixed	10c. HA	Blue, white and pink 24
Gymnocarpa (Dusty Miller)	10c. HHP	Silvery foliage 12
* CHRYSANTHEMUM		
Annual Single, Mixed	10c. HA	All colors 24
Coronarum , Double, Mixed	10c. HA	White, shading to orange 18
CINERARIA Hybrida, Large-Flowered, Finest Mixed	20c. GA	Every color 18
* CLARKIA , Finest Mixed	10c. HA	Various colors 15
† COBAEA Scandens	10c. HA	Rich purple 180
COCKSCOMB Choice Dwarf, Mixed		
(Celosia Cristata)	10c. HHA	Crimson and yellow 6
COIX Lacryma Jobi (Job's Tears)	10c. HA	30
COLEUS Fine Mixed	20c. TP	Every color 18
* COSMOS		
Klondike	10c.	Golden yellow 30-42
Large Early-Flowering, Crimson	10c.	60
Large Early-Flowering, Rose	10c.	60
Large Early-Flowering, White	10c.	60
Large Early-Flowering, Mixed	10c.	Above three colors 60
Giant-Flowered, Pink	10c.	60
Giant-Flowered, Crimson	10c.	60
Giant-Flowered, White	10c.	60
Giant-Flowered, Mixed	5c.	Above three colors 60
Double Crested, Mixed	10c.	Three colors 60
CYCLAMEN Persicum Giganteum, Mixed	25c. GP	All colors 10
† CYPRESS VINE (Quamoclit), Scarlet	5c. HHA	240
White	5c.	240
Mixed	5c.	Two colors 240
* DAHLIA		
Choice Large-Flowering Double, Mixed	10c. HHP	Every color 48
Superb Single, Mixed	15c.	Every color 48
DATURA Mixed (Angel's Trumpet)	10c. HHA	Yellow and white with purple 36-60

	Per Pkt.	Height, In.		
DIGITALIS (Foxglove) Fine Mixed	10c. HP...	All colors	36	
† DOLICHOS (Hyacinth Bean). Daylight	5c. A.....	White	120	
Lablab, Purple	5c. A.....	.....	120
*DIANTHUS (Pinks)				
(Chinese and Japanese Pinks)				
Chinensis, Double, Mixed	10c. HB...	White, pink, etc.	12	
Ch. Heddeewiggi, Single, Mixed	5c. HB...	Great variety	12	
Ch. Heddeewiggi, Double, Mixed	5c. HB...	Great variety	12	
Ch. Heddeewiggi, Dwarf Fireball	10c. HB...	Rich blood red	8	
Ch. Heddeewiggi, Dwarf Snowball	10c. HB	.....	8
Perennial Dianthus				
Plumarius (Pheasant-Eye or Clove-Pink)	10c. HP...	All colors	12	
Plumarius Scoticus fl. pl. (Double Florist's Pink)	15c. HP...	Many colors	12	
ESCHSCHOLTZIA (California Poppy)		HA		
Pure White (Alba)	10c.	.....	12
Rose-Crimson	10c.	.....	12
Golden West	10c.	Charming orange	12	
Mandarin	10c.	Orange shaded crimson	12	
Rosy Queen	10c.	Carmine rose	12	
Sunset Mixture	5c.	Many varieties	12	
ESCHSCHOLTZIA , Bush—See <i>Hunnemannia</i>		HA	15	
EUPHORBIA Marginata (Snow-on-the-Mountain)	10c.	HA	36	
Heterophylla (Mexican Fire Plant)	10c.	HA	30-36	
FEVERFEW , Double				
(<i>Chrysanthemum Parthenium</i> fl. pl.)	5c.	HHP White	18	
*FORGET-ME-NOT (<i>Myosotis</i>) Alpestris, Blue	10c.	HHP	6	
Palustris	10c.	HHP. Bright Blue	6	
FOUR O'CLOCK —See <i>Mirabilis</i> .				
*GAILLARDIA Picta Lorenziana, Double Mixed	5c.	A..... Yellow and scarlet	24	
*GEUM Coccineum, Mrs. Bradshaw	15c.	HP	Bright scarlet	24
GODETIA , Fine Mixed	5c.	HA	All colors	12
† GOURDS-ORNAMENTAL		HA		
Spoon	10c.	.....	120
Miniature Bottle-Shaped	5c.	.....	120
Apple	5c.	.....	120
True Pipe, or Calabash	10c.	.....	120
All Varieties, Fine Mixed	5c.	.....	120
*GYPSOPHILA Elegans (Baby's Breath), White	5c.	HA	White	12
Rose	5c.	HA	12
Mixed	5c.	HA	White and rose	12
Paniculata	10c.	HP	White	36
*HELICHRYSUM Mixed (Everlasting Flowers)	5c.	HA	All colors	24
*HELIOTROPE				
Lemoine's Giant Hybrids, Mixed	20c.	TP	Blues and white	24
HIBISCUS Giant Mallow Marvels, Mixed	10c.	HP	Various colors	48-72



CENTAUREA Imperialis



Prince of Orange Marigold

	Per Pkt.	HB	Height, In.
HOLLYHOCK (<i>Althea Rosea</i>)		HB	72
Chater's Double, Finest Mixed	10c	Every color	
Double Allegheny, Mixed	10c	Every color	
† HUMULUS Japonicus Variegatus (Variegated Japanese Hop)	5c	HA	144
HUNNEMANNIA Fumariacifolia (Bush) <i>Eschscholtzia</i>	5c	HA	Golden yellow
Golden yellow			24
White	5c	HA	12
† IPOMOEA Setosa (Brazilian Morning Glory)	10c	HA	Bright rose
(Calonyction) Bona Nox	5c	HA	Violet
Choice Mixed	5c	HA	All colors
KOCHIA Tricophylla (Summer Cypress or Burning Bush)	10c	HA	Brilliant scarlet
Giant Christmas	10c	HA	Brilliant scarlet
LARKSPUR (<i>Delphinium</i>)			
New Red	10c	HA	Rosy red
Dwarf Rocket, Double, Mixed	5c	HA	All colors
Tall Double Stock-Flowered, Mixed	5c	HA	Various colors
Emperor, Mixed	10c	HA	Four colors mixed
Compact Blue (<i>Delphinium Chinese</i>)	10c	HP	Blue
LARKSPUR, PERRENIAL Choice Hybrids, Mixed	10c	HP	Various colors
* LATHYRUS Latifolius , Mixed, (Perennial Pea)	5c	HP	White rose and scarlet
LOBELIA		HHA	
<i>Erinus Compacta</i> , Crystal Palace	10c		Deep blue
"White Gem"	10c		Snow white
Varieties, Fine Mixed	5c		Blues and white
* LUPINES Annual Varieties, Mixed	5c	HA	All colors
LYCHNIS Many Varieties, Mixed	10c	HP	All colors
* MARIGOLD		HA	
Tall African Lemon Queen	10c		Lemon yellow
Orange Ball	10c		Rich orange
Double Mixed	5c		Various colors
Dwarf French, Double, Mixed	5c		Various colors
* MIGNONETTE (<i>Reseda Odorata</i>)		HA	
Allen's Defiance	10c		12-18
Giant-Flowered Machet (<i>Bismarck</i>)	10c		Reddish-green
Finest, Mixed	5c		Many varieties
MIRABILIS (Four O'Clock, or Marvel-of-Peru), Tall, Mixed	5c	HA	Several colors
Dwarf (Tom Thumb), Mixed	5c		Several colors
† MOMORDICA Balsamina (<i>Balsam Apple</i>)	10c	HA	120
† MOONFLOWER , Cross-Bred, or Hybrid	10c	TA	White
† MORNING GLORY Tall, (<i>Ipomoea Purpurea</i>)		HA	
Fine Mixed	5c		All colors
Rochester	5c		Blue, edged silvery white
Imperial Japanese, Mixed	5c		Innumerable colors
* NASTURTIUMS		HA	
Dwarf Variegated-Leaved, or Queens All Colors, Mixed, Ounce 35c	10c		Various colors
Dwarf, or Tom Thumb			
Chameleon	5c		Yellow, flaked red
Empress of India	5c		Dark salmon scarlet
Geranium Leaved	5c		12
Golden King	5c		Orange-yellow
King of Tom Thumbs	5c		Glowing scarlet
King Theodore	5c		Deep maroon
Pearl	5c		Light yellow fading to primrose
Rose	5c		Pink
Gorgeous Mixture Ounce 15c	10c		Every conceivable color
Fine Mixed Ounce 10c	5c		All colors
† Tall or Trailing			112-144
Dunnett's Orange	5c		Orange marked crimson
King Theodore	5c		Velvety crimson
Pearl	5c		White
Rose	5c		Pink
Scarlet	5c		112-144
Chameleon	5c		Various colors
Hybrids of Madam Gunter Ounce 10c	5c		Wide range of colors
Tall Mixed Ounce 10c	5c		All colors
Giant-Flowered, Mixed Ounce 15c	5c		All colors and shades
NICOTIANA Affinis (<i>Sweet Scented Tobacco</i>)	10c	HA	White
Hybrids	10c	HA	All colors

	Per Pkt.		Height, In.
*NIGELLA Damascena, Miss Jekyll.....	5c.	HA Blue.....	24
PANSIES		HB.....	4
Bedding Varieties			
Fine Mixed.....	1/8 Ounce 40c	5c..... Many colors.....	4
* Giant or Trimardeau Varieties			
Lord Beaconsfield.....	15c.....	Ultra-marine blue.....	4
Andromeda.....	15c.....	Mauve.....	4
Royal Purple.....	15c.....	Rich purple.....	4
Black King.....	15c.....	Coal-black.....	4
Trimardeau, Mixed.....	10c.....	Over dozen shades and colors.....	4



A Row of Pansy Blooms From Our Seed, Crown by a Specialist Who Has Devoted His Life to That Profession

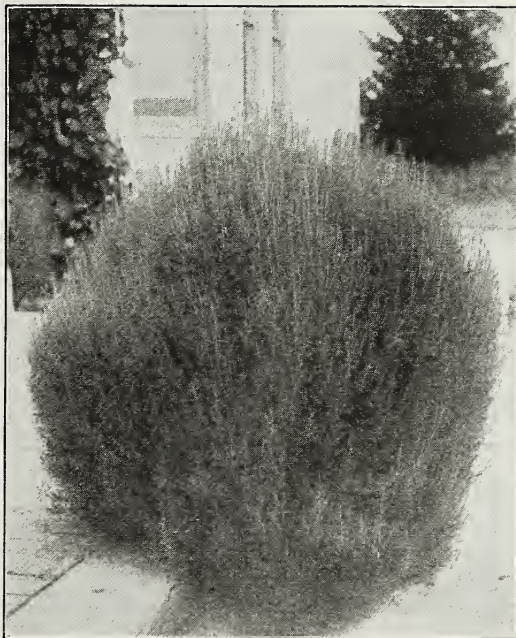
* Improved Giant-Flowering Strains			
Orchid-Flowered, Mixed.....	15c.....	Delicate shades and soft colors.....	4
Madame Perret.....	15c.....	All colors.....	4
Masterpiece.....	15c.....	Ruffled; all colors.....	4
PENTSTEMON , Large-Flowered, Fancy Strain, Mixed.....	20c.	HP.....	36
PETUNIA HYBRIDA		HA.....	
Rosy Morn.....	10c.....	Rosy pink, white throat.....	14
General Dodds.....	10c.....	Crimson.....	14
Howard's Star.....	10c.....	White star on crimson.....	14
Grandiflora, Mixed.....	10c.....	All colors.....	14
Giants of California.....	20c.....	Every color.....	18
Defiance, Largest-Flowering, Mixed.....	25c.....	Indescribably rich and varied.....	18
* PHLOX DRUMMONDII		HA.....	
Pure White (Alba).....	10c.....	White.....	12
Blood Red.....	10c.....		12
Brilliant.....	10c.....	Light pink, red-eye.....	12
Chamois-Rose.....	10c.....		12
Rose with White Eye (Rosea Alba Oculata).....	10c.....		12
Red with White Eye (Splendens).....	10c.....		12
Fine Mixed.....	10c.....	All colors.....	12
Starred and Fringed, Mixed.....	10c.....	All colors.....	12
Dwarf Compact.....	10c.....	All colors.....	6
PLATYCODON Grandiflorum Mariesii, Dwarf Blue (Balloon Flower).....	15c.	HP... Deep blue.....	6
* POPIES (Single-and-Double-Flowering Annual Varieties).....		HA.....	
Shirley, Improved.....	10c.....	Shades of pink, red, etc.....	15
Burbank's Silver Lining.....	10c.....	Scarlet, spotted black.....	15
Tulip-Flowered, (Glaucum).....	5c.....	Scarlet.....	12
Double Shirley Hybrids.....	15c.....	Many colors.....	15
Danish Flag (Danebrog).....	5c.....	White spot base of petals.....	15
Shrimp-Pink (Burpee).....	10c.....	Soft pink, shading lighter.....	15
Double Carnation-Flowered, Mixed.....	5c.....	Dazzling variety colors.....	15
Double Peony-Flowered, Mixed.....	5c.....	Every conceivable color.....	15

	Per Pkt.		Height, In.
PORTULACA		HH	
Single, Mixed.....	5c	Four colors.....	12
Double, Orange.....	10c		12
Double, Red.....	10c		12
Double, White.....	10c		12
Double, Mixed.....	5c	Four colors.....	12
PRIMULA (Primrose)		GP	
Obconica Grandiflora, Mixed.....	15c	Various colors.....	18
Sinensis Fimbriata, Splendid Mixed.....	15c	All colors.....	18
Sinensis Fimbriata, "The Seed World".....	20c		18
*PYRETHRUM (Chrysanthemum) Parthenium			
Aureum (Golden Feather).....	10c	HHP. Bright yellow foliage.....	6
RICINUS Zanzibarensis (Castor Oil Plant)	10c	HHA. Ornamental foliage.....	180
*SALPIGLOSSIS, Large-Flowering, Mixed	10c	HHA. A dream of color variation.....	24
SALVIA Splendens (Scarlet Sage)	10c	HA... Fiery crimson.....	30
Zurich.....	15c	Fiery crimson.....	18
Dark Blood-Red.....	10c		30
*SCABIOSA, Dwarf Double, Mixed	10c	HA... All colors.....	12
Tall Double, Mixed.....	10c	HA... All colors.....	24
*SCHIZANTHUS Wisetonensis (Butterfly Flower)	10c	HA... Various colors.....	24
† SMILAX (Asparagus Asparagoides)	10c	GP... Green foliage.....	120
*STOCKS (Gilly Flowers)			
Large-Flowering Dwarf, Ten Weeks			
Mixed.....	5c	HA... Various colors.....	18
Perpetual, or Cut and Come Again			
White Perpetual or Princess Alice.....	10c	White.....	18
Cut and Come Again, Mixed.....	10c	All colors.....	18
Large-Flowering Winter			
Emperor, Mixed.....	15c	HP... All colors.....	18
STOKESIA (Stokes Aster), Cyanea, Blue	15c	HP.....	24
White.....	15c		24



COSMOS. Large Early Flowering, Mixed

This Is a Great Show Plant, and Easy to Grow



KOCHIA (Burning Bush)

	Per Pkt.		Height, In
* SUNFLOWER (<i>Helianthus</i>)		HA	
Single Stella	5c	Gold with black disc	48
New Red	10c	Red shades	60
Double Chrysanthemum-Flowered	10c	Bright golden-yellow	84
Many-Flowered, Double	5c	Rich yellow	60
SNAPDRAGON . See <i>Antirrhinum</i> .			
SWEET SULTAN (<i>Centaurea Moschata</i>), Yellow	10c	HA	24
Finest Mixed	10c	HA	24
* SWEET WILLIAM (<i>Dianthus Barbatus</i>) Single	10c	HP	24
Double, Mixed	10c	HP	24
New Annual, Mixed	15c	HA	18
† THUNBERGIA <i>Alata</i> , Mixed (Black-Eyed Susan)	10c	HA	60
VERBENA HYBRIDA		HHP	
Mammoth Famous Mixed	10c	Innumerable colors	18
Mammoth Pink Shades	10c		18
Mammoth Purple and Blue Shades	10c		18
Mammoth Scarlet Defiance	10c		18
Mammoth Pure White	10c		18
WALLFLOWER , Fine Double, Mixed	15c	TP	18
† WILD CUCUMBER	10c	HA	240
* ZINNIA ELEGANS		HA	
Pompon, Mixed	10c	All colors	12
Curled and Crested, Mixed	10c	Many colors	18
Giant Flesh-Pink	10c		18
Giant Golden Yellow	10c		18
Giant Scarlet	10c		18
Giant White	10c		18
Giant Crimson	10c		18
Giant Purple	10c		18
Giant Mammoth, Mixed	10c	The four colors	18
Giant Picotee, Mixed	15c	Many bright colors	18
* OLD FASHIONED GARDEN MIXTURE	10c		
Ounce	15c		

SWEET PEAS

Beautiful Early Flowering Spencer Varieties
See Colored Pages of Sweet Peas Illustrating Several Varieties
In Their Natural Colors

Burpee's Early or Winter flowering strain of Spencer Sweet Peas is the result of more than ten years' careful scientific work. We are able to offer true Early or Winter flowering Spencer Sweet Peas in all desirable shades grown by W. Atlee Burpee Co.

These Winter flowering Spencers are invaluable to florists for greenhouse culture, and are adapted to outdoor planting in warmer climates, such as our own southern states where the Summer flowering Spencers cannot be grown successfully. In cooler climates they are of value where early blooming is considered an advantage.

White **IMPROVED SNOWSTORM** This is by far the finest of all white winter flowering varieties. The flowers are extra large, of fine form, with a magnificent and boldly waved standard. A vigorous grower, with enormous flowers which are invariably borne in fours on very long stems. Pkt. 15c.; ½ oz. 65c.; oz. \$1.20; ¼ lb. \$3.60; lb. \$12.00.

Cream **LEMON BEAUTY** This variety goes well with those of a bright cerise or fiery shade; in fact, the rich coloring of the latter is accentuated when associated with Lemon Beauty. As the name indicates, this novelty is a soft primrose or pale lemon-colored variety the standard and wings being softly tinted amber, and sometimes lightly veined with rose-pink. Pkt. 25 cts.; ½ oz. \$1.30; oz. \$2.50; ¼ lb. \$7.50; lb. \$25.00.

PRIMROSE BEAUTY A pleasing shade of deep primrose, flushed with rose. Grown under glass, this variety attains a height of only five to six feet. Pkt. 10 cts.; oz. 65 cts.; ¼ lb. \$2.00; lb. \$6.50.

Light Pink **LOVELINESS** The color is white, the entire flower being suffused soft pink until it reaches the edges, which are distinctly picoteed with rose-pink. A very free-flowering and strong growing variety. Pkt. 10 cts.; oz. 65 cts.; ¼ lb. \$2.00; lb. \$6.50.

PEACH BLOSSOM An altogether new and distinct color in Sweet Peas, and which may be described as a pale amaranth-pink which deepens somewhat around the edges of the standard and wings. A true self, standard and wings being of the same shade. A vigorous grower and free-flowering, with stems of great length. Pkt. 25 cts.; ½ oz. \$1.30; oz. \$2.50; ¼ lb. \$7.50; lb. \$25.00.

Cream-Pink **DAYBREAK** A pleasing shade of rich rose-pink on cream ground, the color becoming deeper toward the edge of standard and wings. The entire flower is lightly suffused with salmon. The plants make a sturdy and strong growth and bloom very freely. Pkt. 10 cts.; oz. 60 cts.; ¼ lb. \$1.80; lb. \$6.00.

Deep Pink **ENCHANTRESS** A bright rose-pink, becoming deeper toward the edges of standard and wings, gradually softening in tone toward the center of the flower. The large, well-waved flowers are carried on strong stems, usually borne in fours. The vines grow most vigorously and are simply covered by masses of flowers. Pkt. 10 cts.; oz. 60 cts.; ¼ lb. \$1.80; lb. \$6.00.

PINK BEAUTY The color is soft rose-pink on white ground, richer toward the edges, gradually softening in color as it reaches the center of the standard and wings. This is one of the best of all deep pinks. Pkt. 10 cts.; ½ oz. 40 cts.; oz. 75 cts.; ¼ lb. \$2.25; lb. \$7.50.

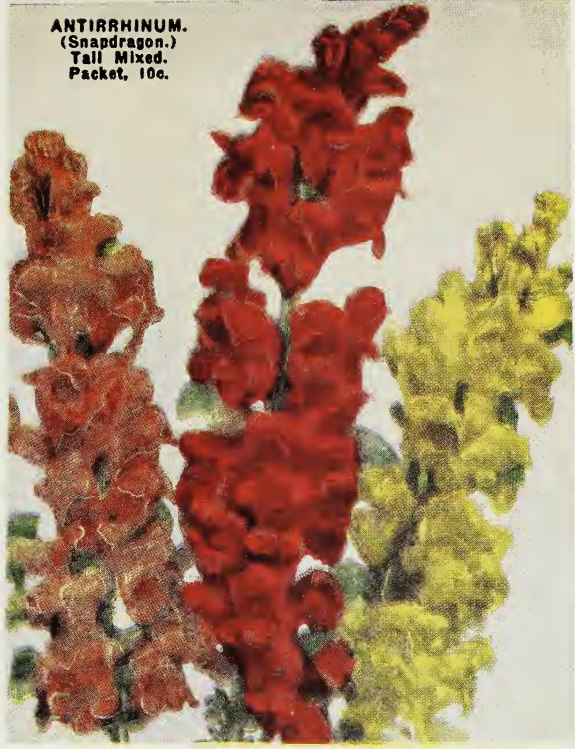
Rose **FORDHOOK ROSE, IMPROVED** A charming shade of rosy carmine. The flowers are of largest size and usually borne in threes and fours on long stiff stems. Pkt. 10 cts.; ½ oz. 40 cts.; oz. 75 cts.; ¼ lb. \$2.25; lb. \$7.50.

Salmon **APRICOT** Glowing deep salmon self, suffused with orange. Grown under glass the color is particularly rich, and under artificial light it is truly magnificent. Although the flowers are not of largest size, this is more than compensated for in the unique coloring. Pkt. 10 cts.; ½ oz. 45 cts.; oz. 85 cts.; ¼ lb. \$2.55; lb. \$8.50.

Gorgeous Mixture
Dwarf Nasturtiums.
Packet, 10c.



ANTIRRHINUM.
(Snapdragon.)
Tall Mixed.
Packet, 10c.



CENTAUREA
(Cornflower or
Bachelor's
Buttons).
Single Mixed.
Packet, 5c.



ADAMS
ASTERS
are
unexcelled.
Fine for
cutting
and for
bedding.



SCABIOSA.
Tall Double
Mixed.
Many Colors.
Grand for Cut
Flowers.
Packet, 10c.



**SCARLET
SAGE.**
(*Salvia
Splendens.*)
Packet, 10c.



CALENDULA
Double Mixed.
Packet, 5c.



HARDY "PINKS."
*Dianthus
Chinensis.*
Single Mixed.
Packet, 5c.
Double Mixed.
Packet, 10c.



EARLY FLOWERING SPENCER SWEET PEAS *Continued From Last Page of Sweet Peas*

Orange

DAZZLER Flowers of good size and form, usually borne in threes or fours. Standard rich orange, wings rosy salmon tinted and suffused orange. Under artificial light the color is a rich, glowing orange-scarlet. Pkt. 10 cts.; oz. 60 cts.; $\frac{1}{4}$ lb. \$1.80; lb. \$6.00.

FLAMINGO This is a distinct and charming variety, the color in particular being attractive and pleasing. The flowers are truly enormous in size, usually produced in threes or fours on very long, stiff stems. The broad and well-waved standards are light orange, with a suffusion of bright salmon, and the wings are a delicate shade of orange-pink. A bunch of Flamings of such rare and unique beauty that it is almost impossible to find words to describe it properly. It is a most charming combination of light orange, salmon, and orange-pink, which blends into a general effect of bright light orange. Pkt. 25 cts.; $\frac{1}{2}$ oz. \$1.30; oz. \$2.50; $\frac{1}{4}$ lb. \$7.50; lb. \$25.00.

Crimson

EARLY KING The finest early flowering crimson. The flowers are of great size, perfect form, averaging fully two inches in diameter. Pkt. 10 cts.; oz. 60 cts.; $\frac{1}{4}$ lb. \$1.80; lb. \$6.00.

Cerise

FIRE KING This is an early or winter flowering fiery cross. The color is scorching fire-red or cerise-scarlet, in bright sunlight it has a glory all its own, and under glass the color is greatly intensified. Pkt. 15 cts.; $\frac{1}{2}$ oz. 65 cts.; oz. \$1.20; $\frac{1}{4}$ lb. \$3.60; lb. \$12.00.

ILLUMINATION The flowers are of great size, color glowing salmon-cerise, with a suspicion of orange suffusion; vigorous and strong in habit, the flowers are usually borne in fours on long strong stems. Pkt. 15 cts.; $\frac{1}{2}$ oz. 65 cts.; oz. \$1.20; $\frac{1}{4}$ lb. \$3.60; lb. \$12.00.

Lavender

LAVENDER KING A first-class lavender. This glorious variety is a rich true deep lavender throughout. The flowers are of large size, beautifully waved form, and borne in threes and fours on stems of great length. The vines make a vigorous growth. Pkt. 10 cts.; $\frac{1}{2}$ oz. 45 cts.; oz. 85 cts.; $\frac{1}{4}$ lb. \$2.55; lb. \$8.50.

PRINCESS A vigorous grower, and most floriferous, the large flowers being freely produced in fours on long stout stems. Color a lovely shade of soft lavender suffused mauve. The flowers are most attractively fluted or waved. Pkt. 10 cts.; $\frac{1}{2}$ oz. 40 cts.; oz. 75 cts.; $\frac{1}{4}$ lb. \$2.25; lb. \$7.50.

Light Blue

BLUE BIRD This is a charming shade of blue. Somewhat similar to Wedgwood, but more of a true self, especially as the flower ages. The flowers are carried on long stems. Pkt. 10 cts.; $\frac{1}{2}$ oz. 45 cts.; oz. 85 cts.; $\frac{1}{4}$ lb. \$2.55; lb. \$8.50.

TRUE BLUE A charming shade of true blue, a color much wanted in this type. Flowers of great size, much waved or crimped; strong and vigorous in growth and most floriferous. Pkt. 15 cts.; $\frac{1}{2}$ oz. 65 cts.; oz. \$1.20; $\frac{1}{4}$ lb. \$3.60; lb. \$12.00.

Dark Blue

BLUE JACKET This will certainly become popular with all Sweet Pea lovers who prefer the dark shades. It is a rich dark navy-blue self. Extremely free-flowering and usually produced in fours. Pkt. 15 cts.; $\frac{1}{2}$ oz. 55 cts.; oz. \$1.00; $\frac{1}{4}$ lb. \$3.00; lb. \$10.00.

Mauve

MAUVE BEAUTY Color a pleasing shade of rosy mauve. The flowers are of immense size, exquisitely waved and of best Spencer form. A strong, vigorous grower and very free-flowering. Pkt. 10 cts.; $\frac{1}{2}$ oz. 40 cts.; oz. 70 cts.; $\frac{1}{4}$ lb. \$2.10; lb. \$7.00.

Purple

GLORIOUS An early flowering Royal Purple. A charming shade of warm rosy purple. The flowers are of great size and invariably produced in threes and fours on very long stems. Of strong sturdy growth and blooming profusely. Pkt. 10 cts.; $\frac{1}{2}$ oz. 40 cts.; oz. 75 cts.; $\frac{1}{4}$ lb. \$2.25; lb. \$7.50.

Maroon

MAROON PRINCE This fine variety will appeal to those having a preference for the darker and richer colors. The flowers are of great size, beautifully waved, and borne freely in threes and fours. Color a deep rich glowing reddish maroon. The plants grow vigorously with strong stems and the fine flowers are borne in great profusion. Pkt. 10 cts.; $\frac{1}{2}$ oz. 40 cts.; oz. 75 cts.; $\frac{1}{4}$ lb. \$2.25; lb. \$7.50.

Art Shades

FAIRY QUEEN A most pleasing pastel or art shade, the color being bluish-pink, with pale salmon suffusion, having darker veinings of rose. A most vigorous and free-flowering variety. Pkt. 10 cts.; $\frac{1}{2}$ oz. 40 cts.; oz. 75 cts.; $\frac{1}{4}$ lb. \$2.25; lb. \$7.50.

Picotee

DAINTINESS A strong grower with flowers of largest size and usually produced in fours. Color pure white, edged rose. This makes a particularly attractive bunch. Pkt. 10 cts.; oz. 60 cts.; $\frac{1}{4}$ lb. \$1.80; lb. \$6.00.

Bicolor

FAIRY A flower of great size and exquisitely waved. Color rich cream, the standard being suffused with pinkish apricot. A strong, vigorous grower and extremely free-flowering. Pkt. 10 cts.; $\frac{1}{2}$ oz. 45 cts.; oz. 85 cts.; $\frac{1}{4}$ lb. \$2.55; lb. \$8.50.

YARRAWA Bright rose-pink with clear creamy base. Pkt. 10 cts.; oz. 60 cts.; $\frac{1}{4}$ lb. \$1.80; lb. \$6.00.

FORDHOOK PINK AND WHITE A great favorite for greenhouse culture, having a bright rosy pink standard with creamy white wings, lightly suffused rose. Pkt. 10 cts.; oz. 60 cts.; $\frac{1}{4}$ lb. \$1.80; lb. \$6.00.

Striped

AURORA The color is white, artistically flaked rich orange-scarlet. An Australian variety introduced to America by Burpee. Pkt. 10 cts.; $\frac{1}{2}$ oz. 45 cts.; oz. 85 cts.; $\frac{1}{4}$ lb. \$2.55; lb. \$8.50.

COLUMBINE Color white, the entire flower being striped and flaked rich rose. The flowers are large and of fine form. Pkt. 15 cts.; $\frac{1}{2}$ oz. 65 cts.; oz. \$1.20; $\frac{1}{4}$ lb. \$3.60; lb. \$12.00.

Mixed

SUNRISE MIXTURE It is a carefully composed blend of the finest of the many named varieties of early flowering Spencers, together with a number of new seedlings from our Burpee's Calif. workshop. As with all our blends, we have taken care to determine the right proportion of the different colors to produce the most harmonious and pleasing effect. Pkt. 10 cts.; oz. 45 cts.; $\frac{1}{4}$ lb. \$1.35; lb. \$4.50.

EARLY-FLOWERING LIGHT SHADES In contrast to our Sunrise Mixture, this Special Mixture contains only light shades—such as white, cream, pink, salmon, lavender, etc., which some of our customers prefer. Pkt. 10 cts.; oz. 50 cts.; $\frac{1}{4}$ lb. \$1.50; lb. \$5.00.

SUMMER FLOWERING SWEET PEAS

We recommend these for general outdoor growing throughout the United States, except in the extreme South, where Sweet Peas flower during the winter and where the Early Flowering type gives best results. Many Sweet Pea lovers plant a short row of the Early Flowering kinds to get the advantage of early blooms, but we recommend the Summer Flowering Sweet Peas for your principal crop for outdoor planting either during spring or fall.

White

KING WHITE Remarkable for the glistering purity of the whiteness and the perfect finish of the flower. Of truly gigantic proportions. Very free flowering. Pkt. 10 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. \$1.20; lb. \$4.00.

CONSTANCE HINTON The well-known and popular black-seeded, white flowered variety. The flowers are of large size and come at times with a blush tinge. Vines of strong and vigorous growth. Pkt. 19 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. \$1.20; lb. \$4.00.

Cream

FLORADALE FAIRY Undoubtedly the deepest, most richly colored of all the cream varieties. The flowers are large, beautifully waved, many of them duplex and four on a stem. This is by far the best pure cream. Pkt. 10 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. \$1.20; lb. \$4.00.

Blush

ELEGANCE Delicate and beautiful in color, robust and free in growth and habit, this charming new Sweet Pea is destined to become a general favorite with all growers. The flowers, of immense size, are borne freely on four-flowered sprays. The color is blush-lilac, or white faintly suffused with a pinkish lilac which is most artistic and altogether charming. Pkt. 15 cts.; $\frac{1}{2}$ oz. 55 cts.; oz. \$1.00; $\frac{1}{4}$ lb. \$3.00; lb. \$10.00.

VALENTINE This is a new variety of great merit. Of vigorous habit, the large flowers are a most pleasing shade of light pink. Beautifully waved and well placed on the long stout stems. It is unsurpassed for cutting or exhibition purposes. Pkt. 10 cts.; $\frac{1}{2}$ oz. 35 cts.; oz. 60 cts.; $\frac{1}{4}$ lb. \$1.80; lb. \$6.00.

Sweet Peas Continued On Next Page.

SUMMER FLOWERING SWEET PEAS—Continued

All Flower Seed

Packets at 10c Each are Three for 25c
15c Packets are Two for 25c
5c Packets are Ten for 40c

Ounce or Pound Prices Will Be Quoted By Mail.

Picotee

CHERUB One of the most attractive of all picotee varieties. A deep rich cream, charmingly edged with bright rose. Very large and free flowering.

Pkt. 10 cts.; oz. 40 cts.; ¼ lb. \$1.20; lb. \$4.00.

MRS. TOWNSEND White with a clear picotee edge of blue around both standard and wings. This makes an airy and delicate bunch. Pkt. 10 cts.; oz. 40 cts.; ¼ lb. \$1.20; lb. \$4.00.

Light Pink

ELFRIDA PEARSON The color is a lovely pink, buds and flowers tinted with salmon-pink.

Pkt. 10 cts.; oz. 40 cts.; ¼ lb. \$1.20; lb. \$4.00.

All Sweet Pea Prices Are Postpaid

Cream-Pink

MARGARET ATLEE Large flowers; rose pink on cream ground.

Pkt. 10 cts.; oz. 40 cts.; ¼ lb. \$1.20; lb. \$4.00.

CARESS A lovely soft pink on cream ground. Well waved flowers of immense size. Pkt. (25 seeds) 15 cts.; 2 pkts. for 25 cts.; ½ oz. \$1.25; oz. \$2.00.

Deep Pink

HERCULES A magnificent soft rose-pink self. The standard frequently measures two and one-half inches in diameter. Pkt. 10 cts.; oz. 40 cts.; ¼ lb. \$1.20; lb. \$4.00.

HAWLMARK PINK The most beautiful pink Sweet Pea. Pkt. 15 cts.; 2 pkts. for 25 cts.; ½ oz. 45 cts.; oz. 80 cts.; ¼ lb. \$2.50; lb. \$8.00.

Rose

GEORGE HERBERT The flowers are a most magnificent rich rose carmine. The blooms are large and well waved.

Pkt. 10 cts.; oz. 40 cts.; ¼ lb. \$1.20; lb. \$4.00.

ROSALIND Rich rose-primrose with a salmon suffusion near the base of the standard and wings. Pkt. (30 seeds) 25 cts.; 5 pkts. for \$1.00; ½ oz. \$1.75; oz. \$3.00.

Salmon

BARBARA A superb salmon-colored self that makes a telling bunch either for exhibition or table decoration. Requires shading against strong sun.

Pkt. 10 cts.; oz. 45 cts.; ¼ lb. \$1.35; lb. \$4.50.

Orange

TANGERINE This is the last word in orange-colored Sweet Peas. Deep orange, almost approaching the color of a tangerine orange. Flowers of great size, beautifully waved and well placed. Pkt. 15 cts.; ½ oz. 45 cts.; oz. 80 cts.; ¼ lb. \$2.40; lb. \$3.00.

HELEN LEWIS Orange-rose wings and intense rich crimson-orange standard. An old favorite.

Pkt. 10 cts.; oz. 40 cts.; ¼ lb. \$1.20; lb. \$4.00.

Orange-Scarlet

THE PRESIDENT A brilliant orange-scarlet flower, always of largest size. The blooms, usually in fours, are carried on strong stiff stems.

Pkt. 10 cts.; oz. 50 cts.; ¼ lb. \$1.50; lb. \$5.00.

Scarlet

MRS. C. P. TOMLIN This is now the leader among crimson-scarlets. Remarkable for its richness and substance. The color is scarlet with a touch of fiery red in it. Flowers of the largest size, producing an abundance of four-flowered sprays on very long stems. Award of Merit, National Sweet Pea Society of England. Pkt. 10 cts.; ½ oz. 35 cts.; oz. 60 cts.; ¼ lb. \$1.80; lb. \$6.00.

VERMILION BRILLIANT The standard and wings are of intense pure scarlet.

Pkt. 10 cts.; oz. 45 cts.; ¼ lb. \$1.35; lb. \$4.50.

Crimson

KING EDWARD Deep rich crimson; a strong and beautiful color. Does not fade or scorch.

Pkt. 10 cts.; oz. 40 cts.; ¼ lb. \$1.20; lb. \$4.00.

Cerise

FIERY CROSS The standard is a scorching fire-red or rich orange-scarlet, which scintillates and glitters in the bright sunlight with a glowing, fire-like sheen that radiates over the entire flower, including the rich, cherry-orange wings. Pkt. 10 cts.; ½ oz. 35 cts.; oz. 60 cts.; ¼ lb. \$1.80; lb. \$6.00.

HOPE Undoubtedly the finest light cerise self. Hope is certain to become one of the most popular varieties. The color has also been described as soft rose and is a great advance on the once popular Edith Taylor. A vigorous grower, with flowers of great size, freely borne in fours. Pkt. 10 cts.; oz. 50 cts.; ¼ lb. \$1.50; lb. \$5.00.

Lavender

ORCHID This is a rich tone found only in the Cattleya Orchids. Of extra-large size; one of the best lavender selfs.

Pkt. 10 cts.; oz. 40 cts.; ¼ lb. \$1.20; lb. \$4.00.

Blue

MRS. TOM JONES Bright delphinium-blue. The flowers are very large and of great substance; beautifully waved, and invariably come four on a stem of great length. A first-class rich blue has long been wanted and now we have it in this charming and beautiful novelty. Pkt. 15 cts.; ½ oz. 55 cts.; oz. \$1.00; ¼ lb. \$3.00; lb. \$10.00.

WEDGWOOD Before the introduction of New Wedgwood, this was the finest blue in existence. Pkt. 10 cts.; oz. 60 cts.; ¼ lb. \$1.80; lb. \$6.00.

Purple

ROYAL PURPLE The color is a rich warm purple, the younger flowers having a slightly softer color tone.

Pkt. 10 cts.; oz. 40 cts.; ¼ lb. \$1.20; lb. \$4.00.

Maroon

WARRIOR The color is a rich reddish maroon, flushed with bronze. Lovers of dark shades will appreciate this fine color.

Pkt. 10 cts.; oz. 45 cts.; ¼ lb. \$1.35; lb. \$4.50.

Art Shades

IRISH BELLE A lovely rich lilac flushed with pink. A beautiful and delicate art shade.

Pkt. 10 cts.; oz. 40 cts.; ¼ lb. \$1.20; lb. \$4.00.

BROCADE A combination of salmon, rosy lavender and rose-pink with a satiny finish. The flowers are large and finely shaped, carried on strong stems. Pkt. 15 cts.; ½ oz. 35 cts.; oz. 60 cts.; ¼ lb. \$1.80; lb. \$6.00.

Bicolor

MRS. CUTHBERTSON The standard is rose-pink and the wings are white, flushed light rose. Pkt. 10 cts.; oz. 40 cts.; ¼ lb. \$1.20; lb. \$4.00.

SPARKLER A great flower for cutting and exhibition; of largest size. The color is a charming combination of rose and cream, the standard being bright rose, the wings a lovely shade of creamy primrose lightly suffused soft rose. A most vigorous grower. Pkt. 15 cts.; oz. 50 cts.; ¼ lb. \$1.50; lb. \$5.00.

Striped

LOYALTY This is a lovely violet-blue flake on white ground. Flowers of largest size and excellent form.

Pkt. 10 cts.; oz. 50 cts.; ¼ lb. \$1.50; lb. \$5.00.

Mixed

THE BURPEE-BLEND Although the majority of our customers now plant Sweet Peas in separate named varieties, yet there are many thousands who like to have a showy row of the finest mixed Spencers. The Burpee-Blend contains the cream of the very finest named Spencer varieties. It is the very best Blend possible to produce today and will surely delight all who want a grand variety of colors. Pkt. 10 cts.; oz. 30 cts.; 2 oz. for 50 cts.; ¼ lb. 90 cts.; lb. \$3.00.

Six Superb Sweet Peas

The Six Superb Spencers is a most popular collection, offering an unusual value of the finest Burpee Sweet Peas in a most attractive range of colors. **35c**

For 1922 the Six Superb Spencers include the following summer flowering varieties, all with large flowers and of strong growth:

Hercules. The flowers are very large; of an attractive rose-pink color.

Floradale Fairy. This takes first place among all cream-flowered Sweet Peas.

King White. Pure glistening white flowers of enormous size and excellent form.

George Herbert. A very much admired shade of rich rose.

Vermilion Brilliant. This is a very fine scarlet, of large size and excellent form.

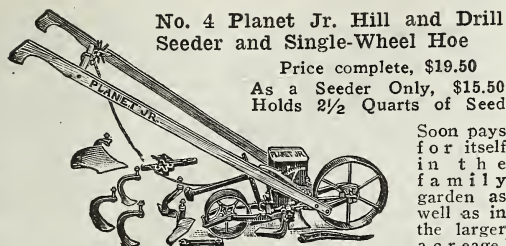
Mrs. Tom Jones. A bright delphinium blue.

If purchased separately, this wonderful assortment of Six Burpee Sweet Peas would cost 65c. It will be mailed to your address, postpaid, for 35c.



Planet Jr. Garden Tools

The success of your garden depends on good seeding and thorough cultivation. Both these operations a Planet Jr. will do in a fraction of the time required by old methods and with a fraction of the labor. Fifty years of study and experiment have resulted in several types of Planet Jr. tools which combine in the highest degree effective work, ease of handling and wear resisting quality.

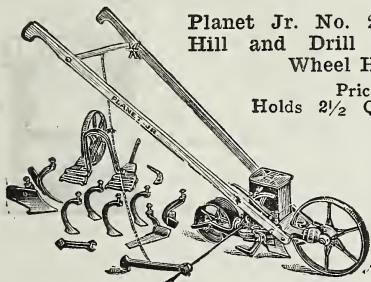


No. 4 Planet Jr. Hill and Drill Seeder and Single-Wheel Hoe

Price complete, \$19.50
As a Seeder Only, \$15.50
Holds 2½ Quarts of Seed

Soon pays for itself in the family garden as well as in the larger acreage.

Sows all garden seeds (in drills or in hills), plows, opens furrows and covers them, hoes and cultivates quickly and easily all through the season.

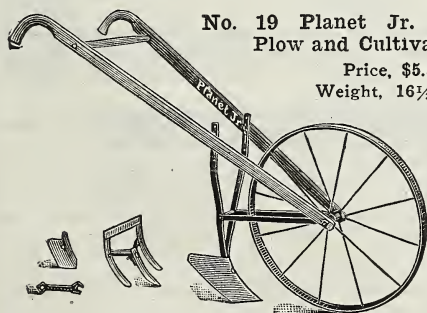


Planet Jr. No. 25 Combined Hill and Drill Seeder and Wheel Hoe

Price, \$23
Holds 2½ Quarts of Seed

A splendid combination for the family garden, onion-grower, or large gardener. Is a perfect Seeder, and combined

Double- and Single-Wheel Hoe. Unbreakable steel frame. Capacity, 2 acres a day.



No. 19 Planet Jr. Garden Plow and Cultivator

Price, \$5.50
Weight, 16½ lbs.

This tool will appeal to those who prefer a high wheel tool for their garden work. Where

the soil has not been so thoroughly and carefully prepared, the high wheel undoubtedly makes an easy running tool.

The equipment is so complete that it will meet all the requirements of the ordinary garden, where the adjustments and refinements of the higher priced wheel hoes are not required.

We can furnish many other Planet Jr. Tools and other implements for the farm or garden. Space is too limited in this catalog to describe our complete stock.

Planet Jr. No. 12 Double- and Single-Wheel Hoe

Price, \$12.50

A Single and Double-Wheel Hoe in one. Saddles crops till 20 inches high, then works between. The Plows open furrows and cover them. The Cultivator Teeth work deep or shallow. The Hoes are wonderful weed-killers. New 14-in. steel wheels, steel frames, arch, eac. Greatly improved for 1922.



are wonderful weed-killers. New 14-in. steel wheels, steel frames, arch, eac. Greatly improved for 1922.

No. 17 Planet Jr. Single-Wheel Hoe

Price, \$8.75

The highest type of Single-Wheel Hoe made. Light, but strong, and can be used by man, woman or boy. Will do all the cultivation in your garden in



the easiest, quickest, and best way. Indestructible steel frame. New 15-in. steel wheel. Call and let us show you the 1922 models; they will please you.

No. 35 Planet Jr. Seeder Attachment

Price, \$6.25

Weight, 8¼ lbs.
With handle, \$6.75



This small seeder can be attached to any Planet Jr. Single or Double Wheel Hoes or Garden Plows, and will be found particularly suitable for the small kitchen garden. It will plant practically all seeds, in a straight, continuous row, at a uniform depth, in a fraction of the time required by hand and infinitely better. The hopper holds one pint of seed and it can be used for planting even a small packet of seed. Also has a bracket to which a handle can be attached and used independently of the wheel hoe. Everyone having a small kitchen garden should have this handy seeder.

Planet Jr. Prices are F. O. B. Philadelphia, Pa., Factory

DANDY LITTLE HAND HOES
For your vegetable Garden and Flower Beds
Reichard's Combination Spring-Tooth
MAGIC WEEDER HOES

Saves Time and Strength **Exceedingly Popular**

Style	Lt. of Hdl. in In.	Lgth. Over all in In.	Dia. of Tines in In.	Wdth. in In.	Blade	Re-tails at Each
A	5¼	9¼	5-32	2	No Blade.....	\$ 15
B	18	22	5-32	2	No Blade.....	25
C	5¼	10	5-32	3	No Blade.....	35
D	6	11¼	5-32	3	With Blade.....	45
E	6	11¼	5-32	3	"V" Blade.....	45
F	42	50	6-32	4	No Blade.....	75
G	48	57	8-32	5	No Blade.....	1 00
H	48	56	7-32	4	With Blade.....	1 25
K	48	56	7-32	4	"V" Blade.....	1 25

Light in Weight

Strong in Construction

Be sure to plant De Lue's Golden Giant Sweet Corn

INSECTICIDES AND FUNGICIDES

Destroyers of Insect Pests Fungus Growths and All Harmful Animal Life and Plant Diseases.

Only those articles marked * can be shipped by mail. Articles so marked will be sent by parcel post if you send sufficient postage, otherwise they will be expressed, not prepaid.

We have listed only standard goods and eliminated, as far as possible, all duplicates and inferior items.

All prices are subject to change without notice.



*Ant Destroyer. The best available remedy for ants. About $\frac{1}{2}$ teaspoonful required for each hill. $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 50c; 1 lb., \$1.00.

Aphine. A nicotine preparation for plant lice, thrip and red spider. Dilute 1 part to 40 parts of water. 1 qt., \$1.00; 1 gal., \$3.00.

Arsenate of Lead. Paste. A poison remedy for leaf-eating insects. Dilute 1 oz. to 1 gal. of water. Lb., 40c; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$6.00.

Black Leaf 40. A concentrated nicotine solution for aphids, thrip and red spider. Dilute 1 oz. to from 3 to 6 gals. of water. 1 oz., 25c; $\frac{1}{2}$ lb., \$1.00; 2 lbs., \$3.25; 10 lbs., \$13.75.

Bordeaux Mixture. Paste. A remedy for fungus. Dilute 5 oz. to 1 gal. of water to obtain standard 3-3-50 mixture. 1 lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.75.

Bordeaux Mixture. Powder. Can be used dry or as a spray. When used as a spray 6 lbs. to 50 gals. of water will make standard 3-3-50 mixture. 1 lb., 55c; 5 lbs., \$1.10; 10 lbs., \$2.00.

Bordeaux Arsenate of Lead. Paste. See Pyrox.

Bordeaux Arsenate of Lead. Powder. Use 7 lbs. to 50 gals. of water. 1 lb., 60c; 5 lbs., \$2.75; 10 lbs., \$5.00; 25 lbs., \$11.00.

Copper Solution. Liquid. A remedy for fungus. Dilute 1 gal. to 15 gals. of water. 1 qt., \$1.25; 1 gal., \$3.00.

*Dalmation Powder. For roaches, ants, etc. Ready for use as bought. $\frac{1}{4}$ lb., 45c; $\frac{1}{2}$ lb., 75c; 1 lb., \$1.35.

ENOZ KILLS MOTHS.

Enoz Kills Moths. Enoz Moth Liquid is applied by spraying garments, furs, upholstery, rugs, carpets, robes, blankets, etc. A thorough application permits a fine misty vapor to penetrate all parts of garments. Enoz will not stain or injure delicate fabrics or textiles, furs, rugs or any material subject to moth attack. This compound is in universal use by the housewife and the merchant to protect their valuable clothing and stock. Do not try to smell the moth away. Do not be bound to inefficient repellants. Enoz kills moths, the worm and destroys the eggs. Pint, \$1.00; quart, \$1.55; gal., \$4.25. By express, not prepaid.

Improved Enoz Sprayer, \$1.00. Junior Sprayer, 65c.

Felix Girard Rat and Mouse Embalmer. Kills the rats, but leaves no stench. Widely recommended as the best rat exterminator on the market. Stop the ravages of rats by using it in your buildings. Put up in pound cans at \$3.00 per can.

Fungine. A remedy for fungus. Use 1 part to from 35 to 50 parts of water. 1 qt., 1.00; 1 gal., \$3.00.

*Grape Dust. Powder. A remedy for mold and mildew. Ready for use as bought. 5 lbs., 90c; 10 lbs., \$1.75; 25 lbs., \$4.00; 100 lbs., \$14.50.

Hellebore. For aphid and for the currant worm. To apply as a liquid, use 4 oz. to from 2 to 3 gals. of water; dry, use 1 lb. to 5 lbs. of flour or hydrated lime. $\frac{1}{2}$ lb., 35c; 1 lb., 65c; 5 lbs., \$3.25.

*Kerosene Emulsion. Paste. Effective against scale and aphid. Dilute 1 qt. to 20 gals. of water. 1 qt., 60c; 1 gal., \$1.45; 5 gals., \$6.25.

Lemon Oil. Effective against scale and aphid. Particularly recommended for use indoors, since it has a pleasing odor. Dilute 1 part to 10 parts of water. $\frac{1}{2}$ pt., 35c; 1 pt., 60c; 1 qt., \$1.00; $\frac{1}{2}$ gal., \$1.75; 1 gal., \$3.00; 5 gals., \$12.00.

Lime Sulphur Solution. The standard remedy for scale and for certain fungus. Use 1 part to 9 parts of water. 1 qt., 50c; 1 gal., \$1.10; 5 gal., \$4.25; 10 gals., \$7.00; 30 gal. bbl. at 34c, per gal.; 50 gal. bbl. at 30c, per gal.

Melrosene. The most effective remedy for killing full-grown rose bugs. Will not discolor flowers. Dilute 1 part to 20 parts of water. $\frac{1}{2}$ pt., 50c; 1 pt., \$1.00; 1 qt., \$1.75; $\frac{1}{2}$ gal., \$3.25; 1 gal., \$6.00.

*Nico Fume. Paper. A nicotine preparation. Furnishes easiest method of fumigation. Box of 24 sheets, \$1.25; 144 sheets, \$5.00; 288 sheets, \$9.50.

Nico Fume. Liquid. An effective vaporizing liquid. $\frac{1}{4}$ lb., 65c; 1 lb., \$2.00; 4 lbs., \$7.50; 8 lbs., \$14.50.

Pyrox. (Bordeaux Arsenate of Lead, Paste.) A combination of Bordeaux Mixture and Arsenate of Lead, forming thereby a remedy for fungus and leaf-eating insects. Use 1 lb. to from 5 to 10 gals. of water. 1 lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.50; 25 lbs., \$5.75; 50 lbs., \$10.00; 100 lbs., \$18.00.

*Rat Corn. For rats and mice. Cans, 25c, 50c and \$1.00.

*Rax. The most efficient rat exterminator. Introduces a contagious disease which affects only rats, 75c.

Scalecide. A spray for scale. Dilute 1 gal. to 15 gals. of water. 1 qt., 75c; 1 gal., \$1.35; 5 gals., \$7.50; 10 gals., \$12.50.

*Slug Shot. One of the most known remedies for cabbage and currant worms. Apply as bought. 1 lb., 20c; 5 lbs., 55c; 25 lbs., \$2.65; 100 lbs., \$10.00.

*Caustic Potash Fish Oil Soap. Remedy for scale and aphid. 1 lb., 30c; 5 lbs., \$1.25; 25 lbs., \$4.75.

*Fir Tree Oil Soap. A remedy for scale, aphid, red spider, etc. Particularly recommended for house use because of its pleasant odor. $\frac{1}{2}$ lb., 50c.

*Fish Oil Soap. A remedy for scale and aphid. 1 lb., 25c; 5 lbs., \$1.00; 25 lbs., \$4.00.

*Tobacco Soap. A remedy for scale and aphid. Pkg., 25c.

Sulphide of Potassium. For mildew. Use $\frac{1}{2}$ oz. to 1 gal. of water. 4 oz. bottle, \$1.00.

*Sulphur. Powdered. For mildew. 1 lb., 15c; 5 lbs., 60c; 10 lbs., \$1.00; 100 lbs., \$7.00.

*Tobacco Dust. Coarse and Fine. Used for fumigating and for dusting plants affected with aphid. 1 lb., 10c; 5 lbs., 40c; 25 lbs., \$1.50; 100 lbs., \$5.00.

*Tobacco Stems. Used for fumigating and as a fertilizer. Bale, about 100 lbs., \$3.00.

*Tree Tanglefoot. A paste preparation painted around the trunk of a tree to keep caterpillars, etc., from crawling into the tree. 1 lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.25; 20 lbs., \$8.00.

Weed Killer. Kills all plant growth. Dilute 1 part to 40 parts of water. 1 qt., 50c; $\frac{1}{2}$ gal., 75c; 1 gal., \$1.25; 5 gals., \$6.00; 10 gals., \$11.00; bbl., per gal., 90c.

Worm Eradicator. The best available remedy for worms in pots and in the garden. 24 ozs., \$1.00.





SHERWIN - WILLIAMS - INSECTICIDES

Items marked * cannot be mailed. Prices are subject to market change without notice. Prices on large quantities will be quoted by letter.

THE Sherwin-Williams line of Insecticides and Fungicides is very complete, and designed to meet every requirement of the sprayer of fruits, vegetables, tobacco, cotton, etc. For many years they have been the leaders in the manufacture of spray materials, and today are the largest manufacturers of these products in the world.

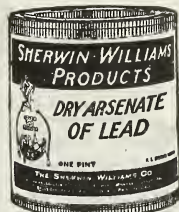
The following brief description of their products is necessarily very general, but upon request, we will gladly supplement with full details regarding any insecticide product.

***Paris Green**—Sherwin-Williams Paris Green has by years of use proven its quality. It has become the standard Paris Green in many localities. It is light and fluffy, insuring good suspension in the spray tank and thorough covering of the foliage; contains approximately 56 per cent arsenious oxide and less water soluble arsenic than is allowed by the law. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 28c; 1 lb. 50c; $\frac{1}{4}$ -lb. kits \$6.00.

***Dry Powdered Arsenate of Lead**—Because of its unusual lightness, stays thoroughly in suspension during spraying operations, thus giving the spray uniform strength. It contains from 30 to 33 per cent arsenic oxide thoroughly in combination with lead and less than one per cent water soluble arsenic. This means that it has maximum killing power, speedy action and unquestionable effectiveness in controlling leaf-eating and chewing insects, and, due to its low percentage of water soluble arsenic, there is no danger of burning the foliage. $\frac{1}{2}$ lb. 15c; 5 lbs. \$1.15; 100 lbs. \$17.00.

***Fungi-Bordo**—Dry Powdered Fungi-Bordo is a true Bordeaux Mixture in dry powdered form, requiring only to be mixed with cold water to give a standard Bordeaux Mixture spray. The convenience and value of having Bordeaux Mixture in dry powdered form will be instantly recognized by all fruit growers. 1 lb. 30c; 5 lbs. \$1.40; 100 lbs. \$16.50.

Dry Lime-Sulfur—The use and success of Lime-Sulfur Solution is known to practically every fruit grower in the country, and every grower is also familiar with the inconveniences and unpleasantness in connection with the handling of Liquid Lime-Sulfur. The barrels are very heavy to handle—they contain over 50 per cent water, which means heavy freight charge. Liquid Lime-Sulfur freezes in cold weather and leaks from the barrel in summer, and all in all is very unpleasant to handle. Sherwin-Williams Dry Lime-Sulfur is standard Lime-Sulfur Solution in dry powdered form—the first and only one of its kind on the market. It has all the advantages of the liquid material, and eliminates the disadvantages. Its effectiveness has been proven by thousands of orchardists and Experiment Stations. Protected by U. S. Patents No. 1,254,908. 1 lb. 22c; 5 lbs. \$1.00; 100 lbs. \$12.00.



***Tuber-Tonic**—Dry Powdered Tuber-Tonic is a combination spray, having the desirable quick killing properties of Paris Green, the adhesiveness of Arsenate of Lead and the fungus preventative qualities of Bordeaux Mixture. Unlike Paris Green, it remains on the foliage even when subjected to heavy dews or rains, and future spraying becomes necessary only to protect new growth as foliage appears. Many large potato growers in this country have used Tuber-Tonic with splendid results and re-order year after year. $\frac{1}{2}$ lb. 25c; 1 lb. 45c; 5 lbs. \$1.60; 100 lbs. \$25.00.

***Pestroy**—Sherwin-Williams Dry Powdered Pestroy is a combination of Bordeaux Mixture and Arsenate of Lead developed especially to save the grower the time and trouble of making up and combining Bordeaux Mixture and the Arsenate of Lead mixture. It is especially recommended for fruit trees and garden crops, and is equally as effective on potatoes. $\frac{1}{2}$ lb. 18c; 1 lb. 27c; 5 lbs. \$1.15.

***Arsenate of Calcium**—Arsenate of Calcium is perhaps not quite as well known as Arsenate of Lead and Paris Green. It is similar in many respects to Arsenate of Lead, and for many purposes Arsenate of Calcium is virtually as effective as Arsenate of Lead, and very splendid results have been secured with it. It is especially recommended for use on seed fruits, such as apples, pears and quinces, but on tender foliage such as that of the peach and Japanese plum, it is apt to cause burning. It is a splendid substitute for Paris Green for sprayng potatoes and will be found equally satisfactory and more economical. It will control Cotton Boll Weevil effectively. $\frac{1}{2}$ lb. 15c; 1 lb. 25c; 5 lbs. \$1.10; 100 lbs. \$14.00.

***Pruning Compound**—Sherwin-Williams Pruning Compound is one of the oldest mixtures of this type on the market. It is well known to many fruit growers. It is furnished in semi-paste form and thoroughly protects the wounds made in pruning, preventing the entrance of all moisture, and due to its antiseptic qualities, it prevents development of fungous diseases which often take place unless the pruning wound is properly taken care of. Quart 60c; 1 gal. \$1.85.

STIM-U-PLANT

PLANT STIMULANT TABLET

Trade Mark Registered U. S. Patent Office

The Most Modern, Efficient and Scientific Method of Fertilizing Growing Plants

As every kind of plant grows in the garden, orchard and farm, feed it along with Stim-U-plant tablets. These tablets contain highly-concentrated, immediately-available forms of plant food for use in stimulating fruit, flower, vegetable and ornamental plants, and may be used in liquid or tablet form.

Stim-U-plant tablets enable the planter to keep development absolutely under control, for he can feed his plants as they need food. They increase production, hasten maturity, improve quality and better the color of the plants and products. Their use is highly profitable, for all these benefits cost only a fraction of a cent for each application.

Stim-U-plant is the richest plant food on the market and must not be confounded with the ordinary plant foods now offered to planters.

Stim-U-plant tablets are designed for use by all who grow plants—home gardeners, market gardeners, small-fruit growers, fruit growers, florists and farmers. Their most valuable use is in feeding the growing plants.

NO PLANTS CAN SLACK AS STIM-U-PLANT ACTS.

Trial size, 15c., 20c, postpaid; small size, 25c, 30c, postpaid; 100 tablets, 75c (not prepaid, weight, 9 oz.). 1,000 tablets, \$3.50 (not prepaid, weight 6 lbs.)

MAKE YOUR GARDEN PAY

You can have wonderful success in all your garden efforts by using

WIZARD

TRADE BRAND MARK
PULVERIZED

Sheep Manure

A natural plant food and soil conditioner. Dried; sterilized; weed seed killed. It improves growth, makes far better quality, increases production of all plants, grass, flowers, vegetables and fruits.

Use 10 lbs. for each 100 square feet of surface, or one to 10 pounds for each shrub, tree, vine, etc., depending on size. Always mix well with the soil. Remarkable results show quickly. Unequaled for house plants, window gardens, and everything that grows outdoors. Ask for FREE booklet. Don't plant without WIZARD. 100 lbs., \$2.75; 50 lbs., \$1.75; 25 lbs., \$1.00. f. o b. Decorah, Iowa



We Deeply Appreciate Your Patronage

Poultry and Stock Feeds

Like Adams' "Certain Seeds" our Poultry feeds are just as "Certain" to give you complete satisfaction and good results.

Prices are subject to market change, without notice.



CONKEY'S BUTTERMILK STARTING FEED

A famous chick feed for the first 8 weeks. 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 8 weeks except greens, grit, clean water and Old Gold Chick Food in the litter to induce exercise.

2 1/4 lbs. 25c; by mail, 40c; 5 lbs. 45c; 10 lbs. 75c; 25 lbs. \$1.50; 100 lbs. \$5.35.

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 Old's Old Gold Poultry Food. To produce eggs in abundance the flock must have exactly the right rations.

10 lbs. 40c; 25 lbs. \$1.15; 100 lbs. \$4.00.



BLATCHFORD'S CHICK MASH

Will Save Your Baby Chicks. No more Bowel Trouble, Leg Weakness or White Diarrhea. Try a bag of this complete milk substitute for all kinds of young poultry. Grows—matures—fattens. Contains no drugs. Every bit food.

4 lbs. 40c; 25 lbs. \$1.40; 100 lbs. \$4.85.



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 if you want to make money. Money-making pullets and fancy broilers cannot be produced with wrongly proportioned food. Buttermilk Growing Mash is the ideal feed after the eight weeks.

10 lbs. 60c; 25 lbs. \$1.30; 100 lbs. \$4.50.

BLATCHFORD'S "FILL THE BASKET" EGG MASH

Fed dry, just as it comes from the bag, it is the best food for all kinds of poultry. Contains a perfectly balanced combination of milk, meat, and grains, ground for easy digestion.

25 lbs. \$1.10; 100 lbs. \$3.80.
Blatchford's Rabbit Meal, 5 lbs. 50c; 25 lbs. \$1.50; 100 lbs. \$5.25.



BLATCHFORD'S CALF MEAL THE COMPLETE MILK-EQUAL

Just the thing to raise or veal your calves right from birth. Then sell your milk and get the benefit of the high creamery prices.

It is absolutely the only milk substitute that contains all the elements necessary for rapid and healthy growth.

100 pounds make 100 gallons of Complete Milk Substitute.

25 lbs. \$1.45; 50 lbs. \$2.70; 100 lbs. \$5.00.



BLATCHFORD'S LAMB MEAL

This is a scientific ration for weaning and growing lambs. It is a milk-substitute which provides in proper form the elements required by the lamb to develop sturdily and properly. Sheep raisers with orphan lambs or lambs not old enough to digest rough feed will find Blatchford's Lamb Meal a reliable stand-by.

25 lbs. \$1.60; 50 lbs. \$2.90; 100 lbs. \$5.75.

BLATCHFORD'S COLT MEAL

We highly recommend this milk-substitute as a feed for colts whose dams are working, colts whose dams are light milkers, colts being fitted to show, colts just before and after weaning. Feed and exercise are two great essentials in successful colt raising. This is the ideal feed.

25 lbs. \$1.50; 50 lbs. \$2.80; 100 lbs. \$5.50.

BLATCHFORD'S RABBIT MEAL

5 lbs. 60c; 25 lbs. \$1.65; 100 lbs. \$5.80.

Lee's Germozone. A famous remedy, 75c. Not mailable.

Lee's Germozone Tablets, 65c, postpaid.

Zenoleum. A popular cure for poultry and stock. 8 oz., 35c; pt., 50c; qt., 75c; 2 qts., \$1.25; gal., \$2.00.

Carbolineum. Used for four distinct purposes—preserving wood, killing chicken mites, keeping flies from horses and cattle and preventing crickets from destroying binder twine. Ready for use. Gallon can, \$1.50; 5 gals., \$6.50.

Oyster Shells. 100-lb. sack, \$1.50; 3 sacks at \$1.30.

Clam Shells. 100-lb. sack, \$1.10; 3 sacks at \$1.05.

Mico Spar Grit. 100-lb. sack, \$1.25; 3 sacks at \$1.20.

Pearl Grit. 100-lb. sack, \$1.25.

Limestone Grit. 100 lbs., \$1.00; 3 sacks at 95c.

Meat Scraps. The finest thing to make hens lay in winter. Feed 3 times a week one ounce to each fowl. Prices: 10 lbs., 65c; 25 lbs., \$1.40; 50 lbs., \$2.65; 100-lb. sack, \$5.00.

Meat Meal. (Tankage) 25 lbs., \$1.00; 100-lb. sack, \$3.50; 3 sacks at \$3.40.

RAISE FINE, BIG PIGS

You can raise unusually large, strong, vigorous pigs by feeding Blatchford's Pig Meal. This original milk substitute for pigs is a smooth, soluble meal which mixed with skim-milk or warm water forms a rich liquid feed closely representing the sow's milk in nourishing qualities.

BLATCHFORD'S PIG MEAL

Carries pig safely through the critical weaning period. It develops them rapidly, giving them size, stretch, sleekness, large bone and stamina. Highly recommended by leading Iowa breeders: Taylor & Taylor, What Cheer, Ia.; R. E. Ireland, Anamosa, Ia.; Ike Overton, Knoxville, Ia.; G. W. Owens, Lawler, Ia. and many others.

Always start your pigs on this feed—it starts them RIGHT.

25 lbs. \$1.50; 50 lbs. \$2.80; 100 lbs. \$5.50.

We will gladly send you free booklet on better feeding methods if you will tell us which—calf, pig, lamb, rabbit, or poultry.

Poultry Bone. Prices: 25 lbs., \$1.50; 50 lbs., \$2.75; 100 lbs., \$5.00.

Sizes, medium, fine and meal.

Alfalfa Meal. The ideal food for mashes. 100-lb. sack, \$2.75.

Ground Charcoal. 50-lb. sack (two sizes) poultry and chick, \$1.80; 100 lbs., \$3.50.

POULTRY GRAIN

(Prices are subject to change. Write for latest Adams Price List.)

	Per 100 Lbs.
Feed Wheat	\$2.50
Cracked Wheat	2.65
Kaffir Corn	1.70
Cracked Corn, coarse	1.60
Cracked Corn, fine	1.75
Sunflower	6.00
Feed Millet	2.25
Hulled Oats	3.50

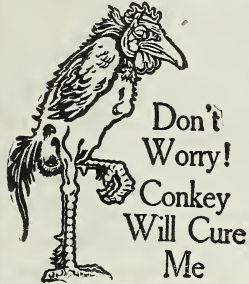
POULTRY SUPPLIES

One customer in Illinois sends this photograph and says: "The chickens are too busy eating Adams Feed to stop and get their picture taken."

We handle a complete line of Poultry Feed and Supplies. Have feed of our own mixing which you can buy at low prices. Write us.



Note—Prices on poultry feeds and supplies are subject to change. Poultry Grain, Shells, Meal, etc., are liable to be lower or higher in price. Either remit at catalog price, and trust us to refund your money if price goes down, or write for our latest prices before ordering.



Don't Worry!
Conkey Will Cure Me

Conkey's

POULTRY REMEDIES

- Roup Cure. For sneezers. 25c, 50c and \$1.00, postpaid.
- Roup Pills. For Roup, Colds, Catarrh, etc., 25c, postpaid.
- Bronchitis Remedy. 50c. Postpaid, 55c.
- Canker Special. Checks canker; 50c. Postpaid, 55c.
- Gape Remedy. Cures and prevents; 50c. Postpaid, 55c.
- Limber Neck Remedy. 50c. Postpaid, 55c.
- Scaly Leg Remedy, 25c. By mail, 30c.
- White Diarrhoea Remedy. 25c and 50c, postpaid.
- Head Lice Ointment. 10c and 25c, postpaid.
- Poultry Worm Remedy, 25c, postpaid.

MOE'S GRIT AND SHELL BOXES

A special feed hopper and grit box for baby chicks. Thoroughly well made, no solder used in its construction.

Economical and practical for feeding grit, shells, etc., keeps the fowls in prime healthy condition.

- No. 45. 2 Compartments.....each \$0.50
- No. 9. 3 Compartments....." 1.10
- No. 10. 4 Compartments....." 1.45

Cholera Cure. 25c and 50c, postpaid.
Lice Liquid. Qt., 60c; 2 qts., 90c; gal., \$1.50.

Lice Powder. 5 oz., 10c; by mail, 15c; 15 oz., 25c; by mail, 30c; 48 oz., 50c; by mail, 75c; 12-lb. pail, \$1.40; 25-lb. pail, \$2.75.

Poultry Tonic. 1½ lbs., 25c; by mail, 35c; 3¼ lbs., 50c; by mail, 70c; 12 lbs., \$1.60; 25 lbs., \$3.00.

Noxicide. A wonderful disinfectant and germicide. Pt., 45c; qt., 70c; 2 qts., \$1.15; gallon, \$1.80. Not available.

Sulphur Fumigating Candles. 10c each. By mail, 15c.

Poultry Book. Filled with the best kind of information. Price, 50c, or free on request with orders amounting to \$1.00.

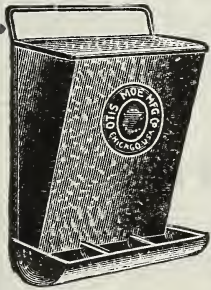
Fly Knocker. For stockmen and dairymen. Qt., 60c; 2 qts., 90c; gal. \$1.50; 5 gals., \$7.25.

Other Conkey Remedies can be supplied at regular prices.

MOE'S ALUMINUM LEG BANDS



No. 130—Aluminum with extra large raised numbers. Easy to read, adjustable for any size fowl. Quickly applied.
Pkg. of 12 25 50 100 500 1,000
Price 15c 25c 45c 75c \$3.50 \$6.00



MOE'S CELLULOID COLORED LEG BANDS

Best quality. Made of celluloid in six sizes and ten colors—White, Black, Dark Blue, Light Blue, Red, Pink, Garnet, Green, Yellow, Purple.

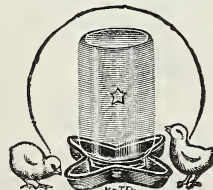
Sizes—Asiatic, American, Mediterranean and Bantam.

- 12 Bands\$0.15
- 25 Bands 30
- 50 Bands 50
- 100 Bands 75
- 500 Bands 3.60
- 1000 Bands 7.00

Sizes—Pigeon and Baby Chick.

- 12 Bands\$0.10
- 25 Bands 20
- 50 Bands 35
- 100 Bands 50
- 500 Bands 2.25
- 1000 Bands 4.00

MOE'S STAR FOUNTAIN AND FEEDER



Made of a single piece of heavy metal. No solder, no seams, no loose parts. Suitable for feed as well as water. Little chicks cannot drown. Fits any Mason jar in 1 Pint, 1 Quart, and 2 Quart sizes.
No. 32 (Glass jar not included)each 10c

MOE'S BABY CHICK FEEDERS



A great feed saver, and can also be used for water or milk. Accurately stamped with dies. Top fits snugly, yet is easily taken off for filling and cleaning.

- No. 11. Diam., 6 in., with 8 holeseach 15c
- No. 12. Diam., 8¼ in., with 12 holes each 25c

FERTILIZERS

BIG CROP ACID PHOSPHATE

This brand contains 16% available phosphoric acid. To supply the phosphorus removed by a 60-bushel corn crop requires 225 lbs. per acre, and that removed by a 45-bushel oat crop would require 240 lbs. per acre.

On soil heavier than sandy loams, when they have been manured and clovered, we can recommend this for grain and corn, treating each field once per rotation of 3 or 4 years. It will help the clover, too. If this is not possible, apply with manure as a top dressing on corn, using 300 lbs. per acre. Apply five loads per acre and put half of a 125-lb. sack over each load. As top dressing for old alfalfa on heavy soils, use 300 to 500 lbs. per acre and disk in, or use the alfalfa renovator. 125 lbs., \$2.50; 250 lbs., \$4.25; 500 lbs., \$7.60; 1,000 lbs., \$14.15; 2,000 lbs., \$26.30.



BIG CROP BONE MEAL 2-27c

Bone Meal is especially recommended for top dressing lawns, where soil is not sandy. Use 25 lbs. per 1000 sq. ft., and broadcast. 125 lbs., \$3.45; 250 lbs., \$6.20; 500 lbs., \$11.50; 1000 lbs., \$22.00; 2000 lbs., \$43.15.

BONE, BLOOD AND POTASH 5-8-7

For city gardens that cannot be manured, and for starting lawns, for greenhouse benches, broadcast and rake in 25 to 50 lbs. per 1000 sq. ft.

On sandy soils, use 500 lbs. per acre in the row for potatoes.

For apple and fruit trees that are in sod, use 5 to 10 lbs. per tree, according to size. 125 lbs., \$3.75; 250 lbs., \$6.75; 500 lbs., \$12.65; 1000 lbs., \$24.25; 2000 lbs., \$47.10.

ARMOUR'S 1-12-1

This is a cheaper fertilizer that can be used under the same conditions as our BIG CROP 2-12-2 Fertilizer, but, since it has considerable phosphate, it is preferable to use it only on grain, applying about 300 lbs. per acre. 125 lbs., \$2.95; 250 lbs., \$5.15; 500 lbs., \$8.45; 1000 lbs., \$17.85; 2000 lbs., \$33.90.

POTATO FERTILIZER 2-8-4

For potatoes, use 500 to 1000 lbs. per acre in the row. For gardens that received manure, broadcast 25 to 50 lbs. per 1000 sq. ft.

For sugar beets, use 300 to 800 lbs. per acre, depending on the fertility of the piece of ground. Apply one-third at seeding time with fertilizer attachment. The balance should be applied before seeding and disked well into the soil, as the beet is deep rooted. 125 lbs., \$2.95; 250 lbs., \$5.19; 500 lbs., \$9.35; 1000 lbs., \$17.70; 2000 lbs., \$33.55.

If You Own Any Live Stock Don't Fail to Read All About

DISEASE PREVENTIVE, WORM DESTROYER, TONIC AND CONDITIONER

The Adams Seed Company highly recommends this to every customer.

Made of Tonic Salts and Medicinal Herbs pressed into 50-lb. blocks and used in place of salt.

The makers guarantee that animals which have access to Sal-Tonik all the time, will keep in better condition and gain from 1/2 to 1 lb. per day more on the same feed than when given ordinary salt.

The cost is very low, being only about 15c per month a head for cattle—and still less for other animals.

WHAT SAL-TONIK DOES

It puts health-giving herbs, minerals, drugs, etc., right where your hogs, your sheep, your cows, your horses will get them when their systems need them most; and "Doctors them automatically."

It positively destroys stomach worms and free intestinal worms; it aids digestion and promotes the general health of all animals on the farm; it acts as a preventive of all those diseases caused by stomach and intestinal worms; it is, in fact, a tonic, conditioner, regulator, and vermifuge for all live stock.

It gives every animal access to just the right amount of tonics at just the right time. SAL-TONIK is the cheapest because there is no waste—goes farther and does more than any other conditioner you can buy.

It makes hogs, cattle and sheep fatten faster, and hastens development by assisting the stock to get full

NATURAL PLANT FOOD

To Enrich Soils, Increase Yields, Improve Quality, Hasten Maturity.

ARMOUR'S STANDARD 1-8-4

This is a lower analysis fertilizer than a 2-8-4 and can be used for similar purposes. The rate of application should be increased one-half.

On potatoes, where both manure and clover were turned under, this is a very good fertilizer.

This would make a good starter for a new seeding of alfalfa on sandy soil, using about 400 lbs. per acre. 125 lbs., \$2.95; 250 lbs., \$5.15; 500 lbs., \$9.45; 1000 lbs., \$17.85; 2000 lbs., \$33.45.

BIG CROP 0-12-4 FERTILIZER

Recommended on soils where grain tends to lodge. Use on grain every year until the soil is in proper balance again. Use as top dressing for old alfalfa ground and disk it in. This fertilizer is well adapted for reclaimed muck, which is low in phosphorus and potash. On such muck, broadcast 400 to 500 lbs. per acre before disking for all crops, and for potatoes apply and additional 250 lbs. per acre on the row. 125 lbs., \$2.95; 250 lbs., \$4.15; 500 lbs., \$9.40; 1000 lbs., \$17.80; 2000 lbs., \$33.70.

BIG CROP 2-12-2 FERTILIZER

Boost the corn early in the spring by nursing it along with a little available plant food when it is too small to gather much food. Every farmer knows that **one day in the spring means two or three in the fall.** This fertilizer will ripen corn more uniformly and about ten days earlier. If it is silage corn, the minerals in the fertilizer improve the feeding value of the ensilage. Tips and butts will fill better.

Where acid phosphate has been broadcasted on corn land, as recommended under Big Crop Phosphate, use 75 to 100 lbs. of BIG CROP 2-12-2 Fertilizer in hills.

On new alfalfa and clover seeding, broadcast 300 lbs. per acre and harrow in. 125 lbs., \$3.20; 250 lbs., \$5.60; 500 lbs., \$10.40; 1000 lbs., \$19.70; 2000 lbs., \$37.55.

NITRATE OF SODA

Nitrate of Soda is used for forcing early vegetables and fruits. 5 lbs., 60c; 10 lbs., \$1.00; 25 lbs., \$1.75; 100 lbs., \$5.00. Special price on larger quantity.

Prices are subject to change without notice.
F. O. B., Decorah, Iowa.

Special Prices on car lots of Armour's Fertilizer, either mixed cars of more than one brand, or only one, will be quoted by letter as low as you can buy from the manufacturer direct.

We will gladly furnish free expert fertilizer information with full directions if you will state the kind of crop and your particular trouble.

SAL-TONIK

benefit from all the feed they eat. Saves feed, is especially valuable to fattening cattle, they drink more, eat more, digest better, fatten faster, finish quicker.

It keeps the dairy herd in condition to give more milk. Its qualities are of great benefit to the dairy cow, and it increases her productiveness. If you once start the use of SAL-TONIK and see the good results which you should get, we are sure you will be a friend and booster for SAL-TONIK.

It works along the lines of prevention. Prevention means protection; protection means profit; profit means prosperity, and SAL-TONIK means all of them.

It means continued better health for your profit-making stock; it should mean a feeling of safety in feeling that your animals are being taken care of every day. SAL-TONIK means convenience.

IT SAVES YOU TIME; SAVES YOU TROUBLE; SAVES YOU WASTE; MAKES YOU MONEY.

Retail prices of SAL-TONIK

In 50-lb. Blocks:

50 lbs.	\$ 4.25
100 lbs.	7.75
200 lbs.	15.20

Each block in heavy carton for freight shipment. May also be sent by Express or Parcels Post.

Special Introductory Price per 50-lb. block, \$3.50. F. O. B. Decorah.

If interested in 300 lbs. or more, state quantity wanted and ask for special delivered price.

Supplement No. 1
 To Adams 1922
 Spring Catalog
 Field Seeds

LATEST MARKET PRICES

—Clover—Grasses—Seed Corn—Seed Grains—Everything
PROFIT-SHARING DISCOUNT SHEET -- Reduced Prices -- Direct to the Farmer

At the time of printing our Spring Catalog it was impossible to quote prices of many varieties of field seeds, owing to market fluctuations. Adams Quality Seeds are the best and cheapest seed investment, but in addition to quality-first you are assured of getting our lowest market prices the day your order is received. These prices are revised to date, and printed after the Catalog, but, all prices here quoted are subject to change without notice. Mail your Order at Once! Get It in Before Prices Advance!!

MARCH 1st, 1922

The ADAMS SEED CO. DECORAH, IOWA

Adams High Quality seeds are standard everywhere for purity and germination and are guaranteed to you under Iowa and all other seed laws. You run no risk. Buy Adams Seeds and protect yourself from Quack, Thistle, Dodder and all other noxious weeds. For years we have used every effort to carefully select and reclaim our seeds so as to furnish our customers the highest quality seeds offered on the market. The testimony of our many customers proves that we have made good. Trashy or weedy seeds would be expensive as a gift. A few extra pennies per pound insures you against infested farms and guarantees "Cleaner Fields and Bigger Yields."

All our seeds are sold under the terms of The Adams Guarantee which gives you absolute protection. No other Seed House has ever attempted to safeguard its customers as we have done. Only because the seeds we offer are the highest quality which careful selection, expert cleaning, grading and personal supervision can produce, is it possible for us to sell them under The Adams Guarantee, as we do. READ OUR GUARANTEE CAREFULLY.

THE ADAMS GUARANTEE

We exercise great care in growing, selecting, sorting, re-cleaning, grading and testing ADAMS CERTAIN SEEDS and fully guarantee them as follows:
 We guarantee the purity and germination of our field seeds to be as represented, with the understanding that immediately upon receipt of shipment you will send a true, average sample (taken from each bag in the lot) to your State College for test. Should their analysis show that our seed is not as represented, mail your State College report to us within 15 days after arrival of the shipment, and upon receipt of the returned seed, we will either replace same free of charge, or refund the money.
 Since success in gardening or farming depends largely upon soil, cultivation, climate and other conditions beyond our control, and because of the possibility of error, we give no warranty, express or implied (except as stated above) as to description, quality, productiveness, or any other matter of any Seeds, Bulbs or Plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the seeds on these terms and conditions, they are to be returned at once and the money that has been paid for them will be refunded.

Adams Field Seeds have been so good and pure, high in germination, and cleaned so thoroughly that in the four years since we adopted the above guarantee we have had but one lone shipment returned. We pass all state laws. If all Field Seeds were as good as Adams there would be no need for state seed laws.

The Four Famous Brands of Adams Field Seeds



99 1/2% PURE



99 1/4% PURE



99% PURE



98% PURE

Terms and Conditions Covering Orders:

All prices are subject to market changes and unsold upon receipt of your order. Prices are f. o. b. Decorah, Iowa. CASH WITH ORDER, and include bags weighed in free. Should prices decline before we receive your order we will mail you a credit memorandum for the amount of money which we owe you. If they advance in price we will notify you before shipping. Orders will be filled at our lowest market price on the day we receive your order.

Catalog Page	GRASSES.				Catalog Page	LAWN GRASS					CLOVERS.				
	Pk.	Bu. (45 lbs.)	100 lbs.			Pk.	Bu. (14 lbs.)	25 lbs.	50 lbs.	100 lbs.	Pk.	Bu. (60 lbs.)	100 lbs.		
53	TIMOTHY				55	Canada Blue Grass	\$1.85								
	"Purity Brand"	\$1.10	\$3.75	\$8.00	55	Meadow Fescue or English Blue Grass		1.05	3.95	27.00					
	"Decorah Brand"	1.00	3.55	7.50	55	Orchard Grass		.95	3.65	25.00					
	"Tasco Brand"	.90	3.30	7.00	55	Italian Rye Grass		.55	2.10	14.00					
	"Oneota Brand"	.80	3.10	6.50	55	English Rye Grass		.60	2.25	15.00					
	HAY AND PASTURE MIXTURES.				55	Brome Grass		.60	2.25	15.00					
					55	Bermuda Grass		2.00	7.15	50.00					
	MIXED SEEDS				56	LAWN GRASS					PREPAID NOT PREPAID				
54	Alsike & Timothy, about 10% Clover	\$1.15	\$4.00	\$8.50		5 lbs.	10 lbs.	25 lbs.	50 lbs.	100 lbs.					
54	Alsike & Timothy, about 20% Clover	1.40	4.90	10.50		Tasco Mixture	\$3.25	\$6.00	\$12.25	\$25.50	\$50.00				
54	Clover, Alsike & Timothy, about 10% Clover	1.25	4.30	9.25		Chicago Park Mixture	3.15	5.60	12.00	23.00	45.00				
54	Clover, Alsike & Timothy, about 20% Clover	1.50	5.35	11.50		Terrace Mixture	2.65	4.80	10.25	19.25	37.50				
54	Clover & Timothy Reg. Mixture	1.30	4.65	10.00		Shady Lawn Mixture	3.50	6.40	14.50	28.00	55.00				
54	Extra Heavy Mixtures, about 20% Clover	1.60	5.80	12.50		Special Golf Mixture	3.65	6.80	15.25	29.25	57.50				
	or per cent of Clover wanted, and quantity.					Fancy Ky. Blue Grass	3.75	7.00	15.75	30.50	60.00				
54	PASTURE MIXTURES					White Clover									
	Gold Medal Hog Pasture (annual)	\$1.00		100 lbs.		Purity Brand	3.25	6.00	13.25	25.50	50.00				
	Permanent Upland Meadow	2.40		6.00		White Clover, Oneota	3.00	5.50	12.00	23.00	45.00				
	Permanent Upland Pasture	2.40		15.00											
	Permanent Lowland Meadow	2.80		17.50											
	Permanent Lowland Pasture	2.40		15.00											
	Adams "Extra Good" Pasture Mixture	2.80		17.50											
	Woodland Pasture	3.30		21.00											
	LIGHT GRASSES			25.00											
55	Red Top	\$1.10	\$3.95	\$100 lbs.	61	MEDIUM CLOVER									
55	Fancy Kentucky Blue Grass	2.20	\$3.95	\$27.00		"Purity Brand"									
						"Tasco Brand"	\$4.30		\$16.65	\$27.50					
						"Oneota Brand"	4.15		16.05	26.50					
						"Purity Brand"	3.85		15.15	25.00					

Catalog Page		Pk.	Bu. (60 lbs.)	100 lbs.
63	ALSIKE CLOVER	\$3.65	\$14.25	\$23.50
	"Purity Brand".....	3.55	13.65	22.50
	"Tasco Brand".....	3.35	12.75	21.00
	"Oneota Brand".....	1.25	6.50	10.85
63	JAPAN CLOVER, (Lespedeza)	1.25	6.50	10.85
61	WHITE (Dutch) CLOVER			
	"Fancy".....	\$8.35	\$33.15	\$55.00
63	CRIMSON CLOVER			
	Choice.....	\$2.50	\$8.60	\$14.00
63	BIENNIAL SWEET CLOVER			
	WHITE BLOSSOM (hulled).			
	"Purity Brand".....	\$2.05	\$7.95	\$13.00
	"Tasco Brand".....	1.90	7.35	12.00
	"Oneota Brand".....	1.75	6.75	11.00
63	Yellow Blossom	\$2.20	\$8.55	\$14.00
	Sweet Clover (unhulled).....	.85	2.90	9.15
62	HUBAM CLOVER			
	(Annual White Sweet Clover)			
	Certified Iowa Grown.....	\$1.50	\$12.50	\$100.00
	Not Iowa Grown, Certified.....	1.25	11.00	
	All Sweet Clover is scarified without extra charge.			
	If scarified Alfalfa is wanted add 75c per bushel or \$1.00 per cwt. to price shown below.			
64	ALFALFA CLOVER			
	"Purity Brand".....	\$3.50	\$13.65	\$22.50
	"Decorah Brand".....	3.25	12.75	21.00
	"Tasco Brand".....	3.10	12.15	20.00
	"Oneota Brand".....	2.90	11.25	18.50
	Liscomb Alfalfa.....	6.10	24.15	40.00
	"Genuine Grimm".....	6.25	27.25	45.00
	Dakota "Blackhills".....	3.85	15.15	25.00
	"Cossack Alfalfa" (genuine).....			90c
			Post-paid	
	TWO AUSTRALIAN CLOVERS		1/4 lb.	lb.
53	Strawberry Clover "Tarwei".....	\$1.50	\$4.75	
53	Subterranean Clover.....		.75	2.50

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	"Oneota Brand".....	1.25	6.50	10.85
63	JAPAN CLOVER, (Lespedeza)	1.25	6.50	10.85
61	WHITE (Dutch) CLOVER			
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63	CRIMSON CLOVER			
	Choice.....	\$2.50	\$8.60	\$14.00
63	BIENNIAL SWEET CLOVER			
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	Certified Iowa Grown.....	\$1.50	\$12.50	\$100.00
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	All Sweet Clover is scarified without extra charge.			
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	"Cossack Alfalfa" (genuine).....			90c
			Post-paid	
	TWO AUSTRALIAN CLOVERS		1/4 lb.	lb.
53	Strawberry Clover "Tarwei".....	\$1.50	\$4.75	
53	Subterranean Clover.....		.75	2.50

SEED CORN
 We have always sought to supply our customers with just the varieties needed to produce the largest possible crop of sound, hard corn. The large, late varieties cannot be grown in the north without risk. The small, early varieties are not profitably grown too far south.

In our more than twenty years seed corn experience we have learned what varieties are best for your latitude. If you will tell us the soil and other conditions under which you expect to plant, we will gladly advise you as to the varieties you should use.

We want to supply you with hardy, heavy yielding Seed Corn which will make you a profitable crop. Unless otherwise stated our corn is all shelled and graded ready for the planter, bags weighed in free.

		Per bu.
DECORAH GROWN		
Silver King—ear or shld. (test 95 to 98).....		\$3.50
Reid's Ea. Yel. Dent—ear (test 95 to 98).....		2.50
MINNESOTA GROWN		
Early Murdock—shld. (test 90 to 96).....		2.50
Minnesota 13—shld. (test 90 to 96).....		2.50
Early Yellow Dent—shld. (test 88 to 95).....		2.25
NOR. IOWA LAT. GROWN		
Calico—shld. (test 80 to 85).....		2.75
Sanford White Flint—shld. (test 87 to 95).....		2.50
Early White Dent—shld. (test 80 to 96).....		2.25
Wimples Yellow Dent—shld. (test 70 to 76).....		2.50
Minnesota 13—shld. (test 60 to 65).....		2.50
N. W. Dent—shld. (test 50 to 55).....		2.50
CEN. AND SO. IOWA LAT. GROWN		
Pride of the North.....		2.25
Leaming.....		2.25
Iowa Silver Mine.....		2.25
White Cap Dent.....		2.25
Boone Co. White.....		2.25
Minnesota King.....		2.25
90 Day Yel. Dent—shld. (test 90 to 96).....		1.90
Imp. Yel. Dent—shld. (test 90 to 96).....		2.00
Reid's Yellow Dent—shld. (test 90 to 95).....		2.00
Ia. Goldmine—shld. (test 90 to 95).....		2.00
Red Dent—shld. (test 90 to 95).....		2.00
Adams Monster White Fodder (test 80 to 85).....		2.00
Evergreen Fodder.....		2.00
Extra Early White.....		2.00

		1 lb.	100 lbs.	30 lbs.	10 lbs.
POP CORN					
Selected ears or shelled and cleaned.					
1 lb. prices only are Postage paid.					
DWARF HULLESS.....	\$.25	\$10.00	\$3.25	\$1.25	
WHITE RICE.....	.15	5.00	1.80	.75	
QUEENS GOLDEN.....	.20	7.50	2.50	.90	
Write for prices on corn for popping, freight shipment.					

		Bu. (48 lbs.)	10 Bus.	25 Bus.
73	BARLEY			
	Wisconsin Pedigreed or Wis. No. 5			
	(Best of All, extra quality).....	\$1.25	\$1.20	\$1.15
	Oderbrucker or Wis. No. 55.....	1.20	1.15	1.10
	Manshury.....	1.20	1.15	1.10
	Adams Extra			
	Early Heavy Select.....	1.10	1.05	1.00
	Adams North-Eastern			
	Iowa Grown.....	.95	.90	.85
	Beardless.....			Ask for price

Catalog Page		Bu. (32 lbs.)	10 Bus.	25 Bus.
74	OATS			
	Iowa 105 (Yellow) Northern Iowa grown, heaviest yielding oat in Iowa.....	\$0.95	\$0.90	\$0.85
	The Famous 103 (White) Fancy quality, Northern grown, heaviest yielding white oat.....	.95	.90	.85
	Iowa.....	1.10	1.05	1.00
	Yellow Kherson.....	.95	.90	.85
	White Kherson.....	.95	.90	.85
	Adams Early English.....		.85	.80
	Regenerated Swedish Select.....	1.00	.85	.80
	Silver Mine.....	.90	.85	.80
72	RYE			
	Mammoth Spring.....	\$2.25	\$2.20	\$2.15
	Monster Winter.....	1.75	1.70	1.65
	Rosen—Winter.....	2.00	1.95	1.90
73	WHEAT			
	Marquis.....	\$2.25	\$2.20	\$2.15
	Early Java.....	2.25	2.20	2.15
	Blue Stem.....	2.00	1.95	1.90
	Durum (Macaroni).....	2.20	2.15	2.10
	Amber Durum.....			Ask for price
69	BUCKWHEAT			
	Japanese.....	\$.55	\$1.90	\$3.50
	Silverhull.....	.55	1.90	3.50
69	SPELTZ or EMMER			
	Fancy.....	\$1.55	\$3.50	
69	SEED FLAX			
	Fancy Minnesota grown.....	\$3.25	\$3.20	\$3.15
	Special price on quantity.....			Ask for price.
	Russian Flax.....	3.75	3.70	3.65
	Primost (Wilt Resistant).....			

FORAGE AND FODDER CROP.

		25 lbs.	Bu. (50 lbs.)	100 lbs.
65	DWARF ESSEX RAPE			
	"Fancy Quality".....	\$3.00	\$5.50	\$10.00
	We are big importers and dealers in highest quality Rape. We do not handle Bird Rape (which is useless for forage) or any other inferior grades. We can quote extra low prices for larger orders.			
72	FIELD PEAS (White Canada)			
	Wisconsin grown No. 1.....	\$1.25	\$4.65	\$7.50
72	COW PEAS			
	Whip-Poor-Will.....	1.00	3.75	6.00
	New Era.....	1.00	3.75	6.00
	Clay.....	1.00	3.75	6.00
	Mixed.....	.95	3.50	5.50
71	SOY BEANS			
	Wisconsin Early Black.....	1.00	3.75	6.00
	Manchu.....	1.10	3.90	6.20
	Wilson.....	1.10	3.90	6.20
	Chestnut.....	1.05	3.85	6.10
	Ito San.....	1.00	3.75	6.00
	Medium Green.....	1.00	3.75	6.00
	Early Brown.....	1.00	3.75	6.00
	Early Yellow.....	1.00	3.70	5.90
	Mammoth Black.....	.85	3.15	5.00
	Mammoth Yellow.....	.85	3.15	5.00
	Minn. 166-167.....	1.00	3.75	6.00
	Hollybrook.....	1.00	3.75	6.00
65	SAND VETCH (Winter or Hairy)			\$15.00
65	SPRING VETCH (or Tares)			9.00
69	SUDAN GRASS (Fancy)		(25 lbs.)	
	Northern grown.....		\$2.15	7.50
66	CANE			
	Amber Fodder.....			4.00
	Orange Fodder.....			4.00
65	Northern grown for Sorghum			7.50
	Per lb. post-paid 20c.....			
66	RED KAFFIR CORN			3.50
66	KAFFIR CORN (White)			3.50
66	MIL O MAIZE			3.50
66	FETERITA			4.00
66	BROOM CORN (for Broom Straw)			100 lbs.
	Mammoth Evergreen.....			\$7.50
	Dwarf Evergreen.....			7.50
66	Penicillaria			16.50
	Teosinte.....			55.00
	1 pound post-paid 90c.....			
69	SUNFLOWER			
	Mammoth Russian.....	\$.10		\$ 7.50
	BIRD SEED.....	.20		15.00
70	MILLETS			
	Japanese, or Billion Dollar Grass (Extra Fancy).....			\$6.50
	German or Golden Fancy.....			4.00
	German or Golden Choice.....			3.75
	Common Fancy.....			3.50
	Common Choice.....			3.25
	Hungarian Millet.....			4.25
	Siberian.....			3.50
	Broom Corn (Hog).....			4.00
	Early Fortune (Hog).....			4.00
	White Wonder.....			3.75

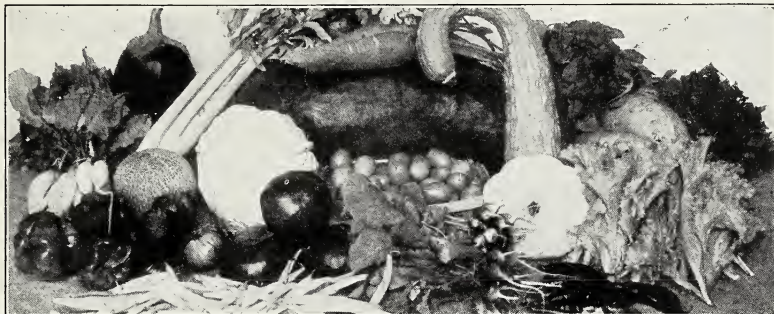
ADAMS

“L C L” Collection

Low Cost of Living

of 30 different varieties of home garden vegetables. A whole summer's supply of fresh vegetables for \$1.00. Would cost you from \$100 to \$125 if you bought them from the store.

Save \$99 to \$124 on your green grocery bill next Summer and Fall and get lots of pleasure and healthful exercise “raising your own.”



Every few days you will have the pleasure of picking from your own home garden a supply of delicious, fresh vegetables like this if you buy Adams “L C L Collection” of 30 vegetables for \$1.00 post paid. (There are 20 different vegetables in the photograph. So you get 10 more, or 30 in all.)

By putting up immense quantities of these collections before our busy season begins, we are able to make this ridiculously low price. Another reason; crops of some seeds being larger than others, permits us to give you the benefit by offering them through these collections. The quality of the seed is absolutely the highest. The varieties selected are popular and easy to grow. Contains the following 30 Packets:

- | | |
|---|--|
| <ul style="list-style-type: none"> 1 Pkt. Beans Dwarf Pencil Pod Black Wax 1 Pkt. Beans Dwarf Stringless Green Pod 1 Pkt. Beans Dwarf Burpee's Improved Bush Lima 1 Pkt. Beans Pole White Creaseback 1 Pkt. Beet, Crimson Globe. Extra Select Strain 1 Pkt. Beet Eclipse 1 Pkt. Brussels Sprouts 1 Pkt. Carrot Early French Forcing (Golden Ball) 1 Pkt. Celery Golden Self Blanching 1 Pkt. Cabbage Glory of Enkhuizen 1 Pkt. Sweet Corn Golden Bantam, Adams Select Strain 1 Pkt. Cucumber Improved Long Green 1 Pkt. Egg Plant Black Beauty 1 Pkt. Endive Giant Fringed 1 Pkt. Lettuce Wonderful (New York) | <ul style="list-style-type: none"> 1 Pkt. Lettuce Prize Head Early 1 Pkt. Musk Melon, Rocky Ford 1 Pkt. Water Melon, Tom Watson 1 Pkt. Onion Large Red Wethersfield 1 Pkt. Onion White Portugal 1 Pkt. Peas Blue Bantam 1 Pkt. Parsley Moss Curled 1 Pkt. Parsnip Hollow Crowned (Large Sugar) 1 Pkt. Pepper Ruby Giant 1 Pkt. Pumpkin White Cushaw (Jonathan) 1 Pkt. Radish Crimson Giant 1 Pkt. Radish Lettuce 1 Pkt. Squash Giant Summer Crookneck (Summer) 1 Pkt. Tomato Livingston's Globe 1 Pkt. Turnip Purple Top Strap Leaved (For Spring Planting) |
|---|--|

Some seed houses which sell 25 packets for \$1.00 use very common varieties and small sized packets. We have selected the best 25 Packets containing the large quantities stated under the heading of each variety elsewhere in this catalog, and IN ADDITION give you 5 “Junior” Packets; all for \$1.00—30 Packets in all, Postpaid.

Included with each collection you will get FREE, 30 bleached piano-wood labels, size 5 1/2 x 3/4” garden markers. You know how much trouble you have to properly label the different varieties of seed planted, and how the weather has baffled your efforts to “keep track” of the different names. Adams Wooden Garden Markers are not affected by rain and will last all season.

That's Not All!

\$100.00

Cash Awards!

For Those Who Grow in 1922 the Largest Quantity of Vegetables from one Adams “L C L Collection”

\$50.00 First Award.
\$25.00 Second Award.

\$15.00 Third Award.
\$10.00 Fourth Award.

Conditions: You must keep a book record of the daily quantity of each vegetable which you pick from the “L C L” garden and on, or before, November 1st, 1922, write us stating the total quantity of each variety raised. Count each vegetable and do not measure them. In other words, you must not tell us that you raised a peck or a bushel of Beans, etc., but how many, pods you picked; how many radishes; how many heads of lettuce; and so on.

On November 15th, or as soon thereafter as possible, we will advise the winners of their success and will forward the cash upon receipt of affidavit certifying your statements to be correct. This is the only fair way, in justice to all, that we can properly award the \$100.00. If two or more people tie for any of the awards, each will receive the full specified award.

The retail value of this collection, if the seeds were purchased separately from our catalog, would be \$2.85. Send your order today and make up your mind that you will earn the \$50.00. First Award. If you get the first, second, third or fourth award we will advertise the fact in our 1923 catalog, and, with your permission, show your photograph.

As some seeds will raise bigger crops if started indoors now, we urge you to send in your order today.

Three Winners for 1922



The Wonder Clover of the Age
HUBAM CLOVER
 Certified, Scarified, Guaranteed
 Iowa Seed. Per Lb \$1.50 Post-paid

Hubam on right
 Biennial White Clover on left



Tomato
 Dwarf Giant

The largest sized of all
 Dwarf Tomatoes. Pat. 155



**DE LUE'S
 Golden Giant
 Sweet Corn**

A wonderful improvement over
 Golden Bantam. And as early.
 Seed grown by Dr. DeLue, the originator.
 Packet (2 ounces) 25c; 4 ounces, 40c.
 Post-paid. 5 lbs., \$4.00, by Express.

**ADAMS
 - CERTAIN -
 SEEDS**

Known and Grown
 Since '66

SPECIAL OFFER

"THREE WINNERS" COLLECTION

As an inducement for your early order, due to
 scarcity of Hubam, true stock, we offer:

- 1 lb. Hubam Clover.
- 4 ozs. DeLue's Golden Giant Sweet Corn
 (enough for 150 hills).
- 1 pkt. Golden Giant Tomato.

For \$2.00 Post-paid

and will include without extra charge a 25c package
 of New Subterranean Clover from Australia, provided
 you mail your order within ten days from time
 you get this catalog.

Add it up and see what you save by ordering early.
 (If you do not want Subterranean Clover we will send
 25c worth of any flower seed you select.)