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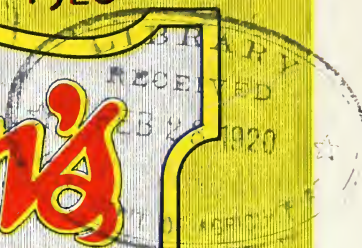
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1890



1920

Burton's 1920 Seed Book



AT TOP--ONION SET STORAGE WAREHOUSES, DRYING AND CLEANING SHEDS



PARTIAL VIEW OF THE BURTON SEED FARM

AT BOTTOM--HOT BEDS AND COLD FRAMES FOR GROWING PLANTS

THE BURTON SEED Co.
GARDEN AND FIELD SEEDS
15TH & MARKET STS. DENVER, COLO.

SEED
GROWERS

IMPORTERS

DEALERS



SUGGESTIONS FOR ORDERING

OUR RESPONSIBILITY

As this book will probably reach hundreds and thousands of people who are not acquainted with us, but who may be interested in our seeds, and who would like to know as to our responsibility before ordering from us, we take pleasure in referring them to The Denver National Bank, Bradstreet's Mercantile Agency, or any Wholesale House here. We will be glad to have you look us up.

HOW TO ORDER

In ordering be sure to write the name and postoffice address in full, with explicit instructions, that there may be no error or delay in executing the order. During the season we receive a number of orders without signature or postoffice address. These are placed in the "Hold File," awaiting inquiry or instructions, which, of course, causes a delay in filling the order. It will be a great convenience, both to our customers and ourselves, if orders are sent in early, as our stocks are then complete, and shipments can be made before the rush of the busy season.

TERMS

Our terms are cash with order. Remittances should be made by Draft, Post-office, or Express Money Order. Coins should not be sent by mail. They often cut through the envelope and are frequently lost in transit, and it is impossible to ascertain when, where or how they were lost. Amounts of less than \$1.00 may be sent in postage stamps. We do not ship seeds C. O. D. unless one-third of the amount of the purchase price accompanies the order.

RETURNING MONEY

Should we not have in stock, and be unable to secure any article you may order, we will at once return the money sent for same.

SEEDS BY

PARCEL POST

The prices quoted in this catalog include the prepayment by us of postage on all seeds by the packet, ounce, $\frac{1}{4}$ pound, $\frac{1}{2}$ pound and pound, except on grass and field seeds, such as field corn, oats, grain, alfalfa, etc., or as otherwise noted. Some of our customers desire larger quantities of seeds by Parcel Post on account of the convenience of having their R. F. D. carriers deliver them at their door. As there are eight different zones under the Parcel Post system, and as each zone has different rates on different weights, it is practically impossible to quote in this catalog (which goes to customers in each zone) Parcel Post rates on these larger quantities. Upon request, we will gladly quote delivered prices by Parcel Post, Express or Freight, on any quantity of seeds you may want. For your guidance in ordering seeds and articles by Parcel Post not quoted prepaid or delivered by us, we print on page 3 a Parcel Post Table, showing Parcel Post rates from Denver to each zone on parcels weighing from 1 ounce to 70 pounds each. In

MR. BUYER: This little book is our "SILENT SALESMAN," who visits you annually about this season of the year; you will find him obliging and accommodating. If you are too busy to see him today, or are not yet ready to buy, simply put him in some convenient place about the house, or, better still, hang him up by the little string attached for that purpose, where you can easily find him, but be sure to consult him before placing your orders for seeds. A little time devoted to him will soon convince you that he is well experienced, understands his business, and is bubbling over with beautiful illustrations, easy-to-understand descriptions, helpful cultural directions and other valuable information for the gardener or farmer. Consult him freely. You will find him interesting, conservative and instructive; well liked by the boys, and good company for the wife and daughter.

The "SILENT SALESMAN" is fast superseding the talkative one, and the house that deals with its customers direct can furnish better seeds for less money than the house that maintains expensive traveling salesmen. "FIGURE IT OUT FOR YOURSELF!"

computing Parcel Post charges to cover postage, always include postage for one pound more than the weight of the seeds you order. Should you order, say, 10 pounds of seeds, you should remit postage for 11 pounds, as added to the weight of the seeds would be the weight of the sack or container in which they were enclosed, which would make the gross weight more than 10 pounds, requiring postage on 11 pounds, as any fraction of a pound is figured as a pound. On parcels weighing eight ounces or less, the rate to any postoffice in the United States, regardless of the distance, is one cent for each two ounces or fraction of an ounce. On every parcel or package transported by Parcel Post, where postage is 25c or more, there is a War Tax of one cent for each 25c or fractional part thereof. To avoid delay, be sure to cover all charges. Should you remit more than necessary to cover cost of seeds, postage and War Tax, any excess so remitted will be returned to you promptly. We wish to assure you of our desire to co-operate with you in making every saving possible under the Parcel Post Law.

SEEDS BY FREIGHT OR EXPRESS

We make no charge for packing and carting goods to any railroad or express depot in Denver. In figuring the cost of seeds by express or freight, bear in mind that the Government now collects a tax of 5% on each express bill, and 3% of the amount on each freight bill. The tax is collected directly from the person who pays the bill.

INSPECTING AND TESTING SEEDS

If, upon receipt of any seeds purchased from us, the purchaser is not satisfied with them, they may be returned in the original package any time within ten days after receipt of same when the purchase price paid for them will be refunded. This will give ample time to inspect and test them, if desired.

NON-WARRANTY

We carefully test with a Standard Seed Tester, or on our Seed Farm, every lot of seed that comes into our house. Every lot must show a strong germination and standard test before sending them out, but there are so many contingencies that may arise and prevent the best seeds from always giving satisfaction, such as sowing too deep, too shallow, in too wet or too dry soil, wet weather, dry weather, cold weather, frosts, insects and other reasons beyond our control, that THE BURTON SEED COMPANY, in common with other seedsmen, give no warranty, expressed or implied, as to growth, description, quality, productiveness or any other matter, of any seeds, bulbs, plants or trees they send out, and will be in no way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned, in the original unbroken package, when the purchase price paid for them will be returned.

THE MAIL ORDER SEED HOUSE OF THE WEST

Parcel Post Rules and Rates

ON SEEDS, BULBS, ROOTS and MERCHANDISE FROM Denver, Colorado, to Different Zones therefrom, as quoted below:

WEIGHT	Denver	1st Zone	2d Zone	3d Zone	4th Zone	5th Zone	6th Zone	7th Zone	8th Zone
	Local Zone	50 miles from Denver	50 to 150 miles from Denver	150 to 300 miles from Denver	300 to 600 miles from Denver	600 to 1000 miles from Denver	1000 to 1400 miles from Denver	1400 to 1800 miles from Denver	1800 miles All over 1800 miles from Denver
Over 8 oz. up to 1 lb.	\$.05	\$.05	\$.05	\$.06	\$.07	\$.08	\$.09	\$.11	\$.12
Over 1 lb. up to 2 lbs.	.06	.06	.06	.08	.11	.14	.17	.21	.24
Over 2 lbs. up to 3 lbs.	.06	.07	.07	.10	.15	.20	.25	.31	.36
Over 3 lbs. up to 4 lbs.	.07	.08	.08	.12	.19	.26	.33	.41	.48
Over 4 lbs. up to 5 lbs.	.07	.09	.09	.14	.23	.32	.41	.51	.60
Over 5 lbs. up to 6 lbs.	.08	.10	.10	.16	.27	.38	.49	.61	.72
Over 6 lbs. up to 7 lbs.	.08	.11	.11	.18	.31	.44	.57	.71	.84
Over 7 lbs. up to 8 lbs.	.09	.12	.12	.20	.35	.50	.65	.81	.96
Over 8 lbs. up to 9 lbs.	.09	.13	.13	.22	.39	.56	.73	.91	1.08
Over 9 lbs. up to 10 lbs.	.10	.14	.14	.24	.43	.62	.81	1.01	1.20
Over 10 lbs. up to 11 lbs.	.10	.15	.15	.26	.47	.68	.89	1.11	1.32
Over 11 lbs. up to 12 lbs.	.11	.16	.16	.28	.51	.74	.97	1.21	1.44
Over 12 lbs. up to 13 lbs.	.11	.17	.17	.30	.55	.80	1.05	1.31	1.56
Over 13 lbs. up to 14 lbs.	.12	.18	.18	.32	.59	.86	1.13	1.41	1.68
Over 14 lbs. up to 15 lbs.	.12	.19	.19	.34	.63	.92	1.21	1.51	1.80
Over 15 lbs. up to 16 lbs.	.13	.20	.20	.36	.67	.98	1.29	1.61	1.92
Over 16 lbs. up to 17 lbs.	.13	.21	.21	.38	.71	1.04	1.37	1.71	2.04
Over 17 lbs. up to 18 lbs.	.14	.22	.22	.40	.75	1.10	1.45	1.81	2.16
Over 18 lbs. up to 19 lbs.	.14	.23	.23	.42	.79	1.16	1.53	1.91	2.28
Over 19 lbs. up to 20 lbs.	.15	.24	.24	.44	.83	1.22	1.61	2.01	2.40
Over 20 lbs. up to 21 lbs.	.15	.25	.25	.46	.87	1.28	1.69	2.11	2.52
Over 21 lbs. up to 22 lbs.	.16	.26	.26	.48	.91	1.34	1.77	2.21	2.64
Over 22 lbs. up to 23 lbs.	.16	.27	.27	.50	.95	1.40	1.85	2.31	2.76
Over 23 lbs. up to 24 lbs.	.17	.28	.28	.52	.99	1.46	1.93	2.41	2.88
Over 24 lbs. up to 25 lbs.	.17	.29	.29	.54	1.03	1.52	2.01	2.51	3.00
Over 25 lbs. up to 26 lbs.	.18	.30	.30	.56	1.07	1.58	2.09	2.61	3.12
Over 26 lbs. up to 27 lbs.	.18	.31	.31	.58	1.11	1.64	2.17	2.71	3.24
Over 27 lbs. up to 28 lbs.	.19	.32	.32	.60	1.15	1.70	2.25	2.81	3.36
Over 28 lbs. up to 29 lbs.	.19	.33	.33	.62	1.19	1.76	2.33	2.91	3.48
Over 29 lbs. up to 30 lbs.	.20	.34	.34	.64	1.23	1.82	2.41	3.01	3.60
Over 30 lbs. up to 31 lbs.	.20	.35	.35	.66	1.27	1.88	2.49	3.11	3.72
Over 31 lbs. up to 32 lbs.	.21	.36	.36	.68	1.31	1.94	2.57	3.21	3.84
Over 32 lbs. up to 33 lbs.	.21	.37	.37	.70	1.35	2.00	2.65	3.31	3.96
Over 33 lbs. up to 34 lbs.	.22	.38	.38	.72	1.39	2.06	2.73	3.41	4.08
Over 34 lbs. up to 35 lbs.	.22	.39	.39	.74	1.43	2.12	2.81	3.51	4.20
Over 35 lbs. up to 36 lbs.	.23	.40	.40	.76	1.47	2.18	2.89	3.61	4.32
Over 36 lbs. up to 37 lbs.	.23	.41	.41	.78	1.51	2.24	2.97	3.71	4.44
Over 37 lbs. up to 38 lbs.	.24	.42	.42	.80	1.55	2.30	3.05	3.81	4.56
Over 38 lbs. up to 39 lbs.	.24	.43	.43	.82	1.59	2.36	3.13	3.91	4.68
Over 39 lbs. up to 40 lbs.	.25	.44	.44	.84	1.63	2.42	3.21	4.01	4.80
Over 40 lbs. up to 41 lbs.	.25	.45	.45	.86	1.67	2.48	3.29	4.11	4.92
Over 41 lbs. up to 42 lbs.	.26	.46	.46	.88	1.71	2.54	3.37	4.21	5.04
Over 42 lbs. up to 43 lbs.	.26	.47	.47	.90	1.75	2.60	3.45	4.31	5.16
Over 43 lbs. up to 44 lbs.	.27	.48	.48	.92	1.79	2.66	3.53	4.41	5.28
Over 44 lbs. up to 45 lbs.	.27	.49	.49	.94	1.83	2.72	3.61	4.51	5.40
Over 45 lbs. up to 46 lbs.	.28	.50	.50	.96	1.87	2.78	3.69	4.61	5.52
Over 46 lbs. up to 47 lbs.	.28	.51	.51	.98	1.91	2.84	3.77	4.71	5.64
Over 47 lbs. up to 48 lbs.	.29	.52	.52	1.00	1.95	2.90	3.85	4.81	5.76
Over 48 lbs. up to 49 lbs.	.29	.53	.53	1.02	1.99	2.96	3.93	4.91	5.88
Over 49 lbs. up to 50 lbs.	.30	.54	.54	1.04	2.03	3.02	4.01	5.01	6.00
Over 50 lbs. up to 51 lbs.	.30	.55	.55	1.06					
Over 51 lbs. up to 52 lbs.	.31	.56	.56	1.08					
Over 52 lbs. up to 53 lbs.	.31	.57	.57	1.10					
Over 53 lbs. up to 54 lbs.	.32	.58	.58	1.12					
Over 54 lbs. up to 55 lbs.	.32	.59	.59	1.14					
Over 55 lbs. up to 56 lbs.	.33	.60	.60	1.16					
Over 56 lbs. up to 57 lbs.	.33	.61	.61	1.18					
Over 57 lbs. up to 58 lbs.	.34	.62	.62	1.20					
Over 58 lbs. up to 59 lbs.	.34	.63	.63	1.22					
Over 59 lbs. up to 60 lbs.	.35	.64	.64	1.24					
Over 60 lbs. up to 61 lbs.	.35	.65	.65	1.26					
Over 61 lbs. up to 62 lbs.	.36	.66	.66	1.28					
Over 62 lbs. up to 63 lbs.	.36	.67	.67	1.30					
Over 63 lbs. up to 64 lbs.	.37	.68	.68	1.32					
Over 64 lbs. up to 65 lbs.	.37	.69	.69	1.34					
Over 65 lbs. up to 66 lbs.	.38	.70	.70	1.36					
Over 66 lbs. up to 67 lbs.	.38	.71	.71	1.38					
Over 67 lbs. up to 68 lbs.	.39	.72	.72	1.40					
Over 68 lbs. up to 69 lbs.	.39	.73	.73	1.42					
Over 69 lbs. up to 70 lbs.	.40	.74	.74	1.44					

War Tax One cent for each 25c postage, or fractional part thereof is required.

Seventy-pound packages may be sent to points in the Local Zone, and in Zones One, Two and Three. The weight limit for all other Zones is 50 pounds.

Packages may be insured against loss, rifting, and irreparable damage upon payment of a fee of 3 cents for value not exceeding \$5.00, or 5 cents for value not exceeding \$25.00, or 10 cents for value not exceeding \$50.00, or 25 cents for value not exceeding \$100.00, for each package, in addition to the postage. For a fee of 1 cent a receipt will be issued, but the receipt does not insure the package.

Safety First is demanded by the grower from his Seedsman, and this has made it necessary that every reliable, safeguarding Seedsman should thoroughly test his seeds before sending them out. The simple moisture test for germination is no longer sufficient. It is now necessary for the Seedsman to maintain and operate trial grounds and test his seeds in the open ground naturally, where he can test them fully for Germination, Vitality, Purity and Productiveness, all of which are necessary to the success and protection of the grower. The Seedsman who has not these facilities is a back number, and has not the interest of his customers at heart. We own, maintain and operate, under our personal supervision, the most extensive trial grounds in the Middle West, and are safeguarding our customers with every facility and precaution at our command. A cordial invitation is extended to all who are interested in better Seeds, and the practical way of testing them, to visit our Seed and Vegetable Farm, and see for themselves what we are doing for our customers, as well as for ourselves.

The Making and Care of Hot Beds and Cold Frames

It is frequently desirable, in fact, with most growers usually necessary, to have some means of starting certain varieties of flower and vegetable seeds outside during the early months of the year when the temperature out of doors is still below freezing, and to have some means also of protecting tender seedling plants from the frosts of late spring. The cold frame and hot bed in such cases are so convenient, so essential in fact, as to be practically indispensable. The construction of the cold frame is so simple, and the expense involved so little, that one or more, modest in size or of the standard dimensions, should form a part of the equipment of every gardener, amateur or otherwise. The cold frame is converted into a hot bed by placing it upon a bed of some fermenting material giving off heat, such as barnyard manure. It is the purpose of the hot bed to provide bottom heat or a higher temperature to plants growing in it than that of the air outside. The cold frame simply wards off cold winds, keeps off snows, and by absorbing and conserving the heat of the sun affords to its contents a higher or milder atmospheric temperature than that outside. It is frequently used as a protection to and means of wintering over young perennials or half hardy plants outside, and often is stored with vegetables intended for winter use.

CONSTRUCTION OF COLD FRAMES.

The construction of the cold frame is very simple. The usual width, that is, from front to back, is 6 feet, length 12 or 16 feet, which will accommodate standard size sash, which are six by four (6x4) feet. The back board is usually 12 inches wide and the front 8 inches; the two are connected by a tapered board 12 inches wide at one end and 8 inches at the other. The sash can be secured from any sash factory, or can be built by a local carpenter, or any one handy with tools, and cost very little unglazed. The sash bars run lengthwise; six by eight glass is used, and in glazing the lights should overlay each other so as to shed water. The frame when completed should be set in some well drained and easily accessible location.

USES—The uses to which a cold frame is put will depend entirely upon the owner's needs, but will be found most serviceable for early sowings of vegetables and flowers, the seeds of which require a long season to mature, for the transplanting of seedlings previously sown in flats or pans in the house, and for the winter protection of young perennials, or of vegetables for winter use, from

seed sown in the summer and transplanted to the frame in the fall.

The soil in the frame should be about 6 inches deep in front, should be light, rich, well pulverized, raked smooth and level. On warm days the sash should be lifted or slid up or down to provide fresh air, and to keep a more or less uniform temperature, one of the essentials in the successful operation of cold frames or hot beds.

THE HOT BED.

In preparing a manure bed for the hot bed shovel out a trench the length of your frames, and about 12 inches deep; fill this trench with fresh stable manure containing one-third to one-half straw. It should be forked over and shaken apart well, then tramped into the trench 10 to 12 inches deep, then sprinkle or dampen with water, then place the frames on this, using same kind as for cold frames, then cover with about 6 to 8 inches of rich, well pulverized soil. When this is done, put on the sash and keep tight until it heats well. A thermometer should be kept in the hot bed, and when the temperature falls to 75 degrees, seed may be sown with safety. Make shallow drills 3 to 4 inches apart across the face of the soil in the hot beds, and in these sow the seed, covering them thinly with well pulverized soil, or fine sand, which is preferable. While the hot bed is new, it is best to give it a little ventilation to discharge steam or ammonia; if not, a damp mould will form which will injure the plants. The temperature in a hot bed should not be allowed to go above 70 degrees during the day or below 50 degrees at night.

MANAGEMENT.

The management of the bed in operation requires close attention and study. The temperature especially must be diligently watched, and air "put on" and "taken off" as occasion demands. Success is largely dependent upon the maintenance of a uniform temperature approximating or a little higher than that of the best outdoor growing weather. Watering and spraying are also important, and the "hardening off" process preparatory to setting plants outside requires constant attention and care. The beginner is likely to meet with disappointments and failures at first, as complete success can come only through the knowledge gained by actual experience, but will feel more than repaid in the end for what trouble and expense he has gone to in the increase in satisfaction and pleasure which his efforts will yield him, and in the increased profits which will inevitably come to him.

To Purchasers and Planters of Seeds

With the year 1920 comes the **World's Ratification of Peace**, and we trust harmony and prosperity may follow in its wake. The territorial, financial and commercial changes wrought in European countries by the war are no more significant than the increased production and exports of Seeds, Foods and other necessities of life of the United States, which, through its marvelous resources and wonderful production, has become the garner and banker for all Europe. We are now passing through the critical period of reconstruction, and are on a new high price level, with certain elements trying to force prices up and other elements trying to force them down.

The machinery of production is being operated under great difficulties. Wages were never higher or working hours shorter, yet the labor situation was never more serious. With strikes, race riots, mobs and other outlawry prevalent, there is cause for serious reflection as to what will be the final outcome. Human greed seems to be at the bottom of the world's unrest, and it is not confined to any one class. Labor and Capital are the principal disturbing factors at the present time. Each is dependent upon the other, and each sparring for supremacy. Employers are unable to figure labor costs from day to day or know what the morrow may bring forth. Confusion and disorder reign in the marts of trade and centers of commerce, where peace and prosperity should prevail through a fixed and understandable relationship between the man who works and the man who pays. The sooner these factions get together, harmonize their differences and resume normal production, the better will it be for all concerned, as the American people will not stand for class rule, whether it be **Labor, Capital or Shop Keeper**. **The middle-class man**, the man betwixt and between, compose the backbone of our republic. He is beginning to tire of supporting **Capital** in luxury and **Labor** in idleness. **The middle-class man** is in the majority, he will eventually intervene and adjust these differences to a reasonable working basis.

There is one outstanding feature of the present difficulties that must be met before we can return to a normal basis. There must be increased production in all lines. The chief need of the world at the present time is more **food**, more **clothing** and more **shelter** than now exists, or than will exist until people produce more, and not until production is increased, the world's garner replenished, the hungry fed, the naked clothed and the homeless housed may we expect or hope for lower prices for food, labor or material.

One of the permanent legacies of the war was the development of the **Seed Industry** of the United States. Before the war the larger part of our vegetable and flower seeds were imported from **Europe**. With the progress of the war this supply was cut off, forcing us to resort to growing our supplies at home. It was soon discovered that the **West**, with its wonderful irrigating systems, rich virgin soil, and ideal climatic conditions, could produce a larger yield per acre and better grades and quality of nearly all kinds of seeds than Europe. We are now producing practically all of our garden seeds, and are exporting annually more seeds to **Europe** than we imported from there before the war.

This new industry has been a great schooling to the Seedsman who grows his own seeds. It has enabled him to acquire an actual, practical knowledge of the habits, characteristics and qualities of the seeds he sells, which he could not acquire from theory alone.

Each year we grow more and more of our seeds on our **Seed Farm**, under our personal supervision, and those that we cannot grow there we have grown for us under contract in the producing districts best adapted to their growth, by seed specialists whose crops we can inspect from time to time during the growing season, and know for a certainty the seeds we receive are pure, fresh stock. Therefore, when ordering seeds from us, you can depend upon receiving freshly grown, acclimated, tested seeds that we know to be true to name and description.

We wish to thank our many customers and friends for their liberal patronage and recommendations, which have enabled us to build up the largest **Mail Order Seed Business** in the **West**. We are satisfactorily serving thousands of successful **Farmers and Gardeners**. May we have the pleasure of serving you?

Wishing you a pleasant and profitable year, we are,

Yours very truly,

THE BURTON SEED COMPANY.

Vegetables and the Vegetable Industry

But few people, even those of our own state, know the extent and magnitude of the **Vegetable Industry of Colorado** and the **West**, and some will be surprised to learn that the value of the vegetables produced in Colorado and shipped to Southern and Eastern markets each year exceeds that of gold in the state for the same period.

Times certainly have changed and "things are not like they used to be." When the writer came to Colorado, 30 years ago, mining was the leading industry of the state, and gold and silver its principal products. At that time large quantities of vegetables were being shipped into the state, instead of out of it, but soon a few of the wise guys who had been experimenting around Denver began to realize the adaptability of our soil and climate to the production of vegetables, and the possibilities of the industry, and it was not long before they were growing more vegetables than the local trade could consume. It was then we were called upon to find an outside market for their surplus. Thus our induction into the **vegetable**, and, later, the **Seed business**. Since then we have seen the industry grow by leaps and bounds, and today it exceeds, in dollars and cents, any crop of the state and, comparatively speaking, it is yet in its infancy, as we have the soil, the climate and the water, when needed, to produce a crop, and an ever increasing demand that keeps pace with the production. The whole South, and a good portion of the East, look to **Colorado** and the **West** for their supply of vegetables, during the hot summer and fall months, when climatic conditions there prevent the production of them. Of the **Middle West** and **Western States**, **Colorado** leads in the production of **Potatoes, Beans, Cabbage, Cantaloupe** and **Mixed Vegetables**. At the time of writing this article we are unable to secure statistics for 1919, but for 1918 we find **Colorado** shipped **13,644** carloads of **Potatoes**, **1929** straight carloads of **Cabbage**, **2,225** carloads of **Mixed Vegetables**; **3,101** carloads of **Cantaloupe**; **204** cars of **Watermelons**; **525** carloads of **Celery**; **230** carloads of **Onions**; **823** carloads of **Pinto Beans**; and in addition to the **Pinto Beans**, grew **13,795,000** pounds of **Garden Beans** for Seedsmen throughout the Country. There were also shipped several hundred carloads of root stuff and Cauliflower, of which no record was kept. **Potatoes, Cabbage, Beans** and **Celery** have, perhaps, outdistanced all other vegetables in the ratio of increase. Thirty years ago only a few carloads of potatoes were shipped from the state annually. Now they are shipped by the tens of thousands of cars, and this number would be greatly increased if our growers were assured adequate equipment at the proper time after harvest with

which to market them. **Cabbage** is fast displacing sugar beets as a cash crop, as it can be grown more cheaply and more profitably, with less injury to the soil. **Carlot** shipments of **Cabbage** from Colorado are now reckoned by the thousands, while it seems only a few years since we began shipping it. The development of the **Bean Industry** of **Colorado** has been magical. It has only been a few years since it was found they could be successfully grown here, and now we are the leading state in the production of **Pintos** and the **Garden** varieties for seed purposes. Since 1900 the production of **Celery** has increased nearly 500 per cent. **Colorado** grown **Celery** surpasses all others in table and storing qualities. It is unsurpassed in flavor and will remain in storage longer and come out in better condition than any other celery. The demand for **Colorado** grown celery for storing for Thanksgiving and Christmas trade has increased so rapidly in the last few years that the supply has not nearly equaled the demand, and if our present rate of increase is maintained **Colorado** will soon be producing and shipping as much as California.

We pride ourselves upon being instrumental in bringing the vegetable industry up to its present stage, by selecting and securing the varieties and quality of seed especially suited to the conditions of the **West**, and by seeking and developing **new markets** for the increased production of its products. There is no school or line of business that will so quickly and thoroughly qualify and fit a person for the **Seed Business** as the actual growing of **Vegetables**. We soon realized this fact when we entered the **Seed Business**, and have increased our production each year, which keeps us fully posted on the nature, habit, characteristics and qualities of the seed we send out; therefore we feel we are better qualified to serve the trade intelligently than those familiar with seeds in name and theory only.

We intended including in this catalog complete instructions and directions for canning, drying and storing vegetables, but lack of space prevented. For Home Canning of Fruits and Vegetables would refer you to Farmers' Bulletin No. 853. For Home Drying, Evaporating or Dehydrating Fruits and Vegetables, refer you to Farmers' Bulletins Nos. 903 and 984. For Home Storage of Vegetables would refer you to Farmers' Bulletin No. 879. These Bulletins are complete and up to date, and should be in possession of every one interested in preserving their Fruits and Vegetables. Any or all of the above numbered Bulletins can be had free of charge from U. S. Department of Agriculture, Washington, D. C. A post card will bring them. **Write Today.**

Asparagus

1 Ounce of seed will plant 50 feet of drill; 6 to 8,000 plants will set an acre.

CULTURE

If you wish to grow plants from seed, sow in drills in the Spring 12 to 18 inches apart, two inches deep, in light, rich soil, planting 15 to 20 seeds to each foot of row. The quickest and easiest way to obtain an Asparagus bed is to set out the roots. It takes three years to produce a bearing plant from the seed, but with good strong yearling roots (such as we grow on our Seed Farm and supply to our customers) a bearing bed can be produced in two years. The U. S. Department of Agriculture recommends the use of year old plants, claiming the shock to older plants in transplanting sets them back too much or kills them outright, and we think they are right, as we find the beds grown from yearling plants are better at three years old than those from older plants. We grow all of our Asparagus roots on our Seed Farm, and when ordering from us you can depend upon receiving the variety you order, as we grow all the varieties we list.

Asparagus thrives best in rich, sandy, mellow soil, supplied with a liberal amount of humus. An easy and simple way to start the bed is to plow furrows 7 to 8 inches deep, 3 to 4 feet apart, according to the richness of the soil, then set the plants (which should be at least one year old) in the trench 12 to 18 inches apart. Spread the roots out well and cover with two to three inches of soil. In cultivating, gradually fill up the trench until the crowns of the plants are covered to a depth of 6 inches. Cultivate shallow and frequently the first season, and as soon as the stalks are dead in the Fall remove them and cultivate the entire surface of the bed to a depth of 3 or 4 inches, then very early in the Spring cultivate again about 3 or 4 inches deep, working into the soil at this time a liberal supply of well rotted manure. Should the soil be heavy and stiff, it should be made porous and light by working in sufficient sand or manure to make it so, as a loose, porous soil is necessary to its successful growth. During the Spring all the shoots should be cut as fast as they reach the surface. Later in the season all the shoots should be allowed to run to seed; in the Autumn all the tops should be cut off and burned, the land thoroughly cleaned up, and a good dressing of manure or wood ashes and sand should be worked into the soil. With this method of culture each season the bed should bear abundantly for a number of years. To those particularly interested in growing Asparagus, would suggest they write The Department of Agriculture, Washington, D. C., for Farmers' Bulletin No. 829, which is a very able treatise on Asparagus. It will be mailed you free of charge upon application.



Giant Argenteuil

Asparagus is one of the earliest and most delicious of Spring vegetables, and would be grown more extensively were it not for the mistaken idea that it is difficult to grow. In reality it can be grown very easily and cheaply. A bed 20x50 feet, requiring about 125 plants, should produce an abundance for the average family. Every family having available space should put out a bed for their own use. We list and carry in stock all of the standard varieties. Some prefer the green tipped; some the white; some the small; some the large; some for home use, some for canning, and some for commercial purposes. They are all good. The best for you is the one best suited to your climate, soil and use.

Barr's Mammoth A favorite with the market gardeners. Shoots white; very large, tender, quick growing, and thick to the top. This is the large white variety generally used in canning. Postpaid: Pkt., 5c; oz., 10c; 1/4-lb., 30c; lb., 80c. Roots, per dozen, 35c; per 100, \$1.25; per 1,000, \$10.00.

Palmetto A very early maturing and prolific variety, producing an abundance of large, deep green shoots of best quality. Its uniformly large stalks remain tender longer than any other variety, being in prime condition for several days after coming thru the ground. Is disease-resistant; a heavy and sure cropper. Postpaid: Pkt., 5c; oz., 10c; 1/4-lb., 30c; lb., 80c. Roots, per dozen, 35c; per 100, \$1.25; per 1,000, \$10.00.

Giant Argenteuil 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 the best quality. Postpaid: Pkt., 5c; oz., 10c; 1/4-lb., 30c; lb., 80c. Roots, per dozen, 35c; per 100, \$1.25; per 1,000, \$10.00.

Conover's Colossal A popular French Asparagus of great merit. It is very early, vigorous and prolific, growing large, delicious stalks. It is less liable to rust, has large dark green or purple tips, making it one of the best and most attractive asparagus grown. Postpaid: Pkt., 5c; oz., 10c; 1/4-lb., 30c; lb., 80c. Roots, per dozen, 35c; per 100, \$1.25; per 1,000, \$10.00.

Columbian Mammoth White A superior variety of recent introduction, surpassing all others in size, color and yield, and commanding the highest prices in all markets. Its large, white, thick stalks are unusually tender, succulent, and of delicious flavor. The largest, most attractive and best Asparagus on the market. Postpaid: Pkt., 5c; oz., 10c; 1/4-lb., 30c; lb., 80c. Roots, per dozen, 35c; per 100, \$1.25; per 1,000, \$10.00.

Bonvallet's Giant An improved Palmetto producing stronger, more vigorous shoots. Extremely rust-resisting and coming into bearing sooner and bears longer in the season than any other variety. Postpaid: Pkt., 5c; oz., 10c; 1/4-lb., 30c; lb., 80c. Roots, per dozen, 35c; per 100, \$1.25; per 1,000, \$10.00.

Artichoke

One ounce of Green Globe Seed will produce about 500 plants.

Green Globe A favorite French Vegetable grown for the undeveloped flower-heads, which are cooked like Asparagus, and make a very tender and most delicious Vegetable. Can be eaten with butter sauce or French dressing. It is particularly adapted to the South and warm climates, where it is profitably grown for the Northern markets. Like Asparagus, when once planted, it lasts for several years. Postpaid: Pkt., 25c; 1/2 oz., 35c; oz., 60c.

GOOD RESULTS FROM PLANTS, SEEDS AND ONION SETS.

The Seeds, Plants and Onion Sets were of good quality and had very good results from same. Expect to place another order with you for Spring 1920 Seed. Can recommend your seeds to anyone wishing garden and field seeds.

MRS. B. E. MERKLIN, Benkelman, Neb.

Jerusalem or Artichoke Root

400 to 500 pounds will plant an acre.

CULTURE Cut, plant and cultivate the same as potatoes. May remain in ground all winter; not affected by cold weather.

The Jerusalem Artichoke is distinct from the Globe. It produces tubers like potatoes, and is cut, planted and cultivated the same as potatoes. It is a most excellent table vegetable for salads, or cooked and served the same as new potatoes. The Jerusalem Artichoke is grown more largely for hog feed. Every Hog Raiser should grow them extensively, as they are the cheapest and best hog feed grown. When once planted and started it will not be necessary to dig and re-seed them, for if ever given an opportunity the hogs will help themselves, always leaving enough roots in the ground to re-seed it the next year. Not only are they valuable for hogs, but an excellent food for cattle, sheep and horses. Fed to milk cows, they are for the production of milk, equal, if not superior to bran. We will be able to supply strictly fresh stock in any quantity after March 15th, when the ground thaws so they can be dug. By express or freight at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 10 lbs., \$1.90; 25 lbs., \$2.00; 100 lbs., \$5.00.** If ordered sent by Parcel Post add 5c per pound for postage. Special prices on larger quantities.



Jerusalem Artichoke

GARDEN BEANS

One pound will plant 100 feet of drill; 60 pounds one acre.

CULTURE Early beans mature earlier and succeed best in a light, warm, sandy soil, enriched with well rotted manure. Later varieties may be successfully grown in a darker, heavier soil, if rich and mellow. Dwarf beans are earlier and harder than the pole, and can be planted earlier, but should not be planted until the ground is warm and danger from frost past. Plant shallow early, say 2 to 3 inches deep, and deep late, say 4 to 5 inches deep. For the home garden, where all cultivation is to be by hand, plant in drills 15 to 18 inches apart, and 2 to 3 inches apart in the row, covering from 2 to 5 inches deep, according to the season. For field planting, plant in drills or rows 2 to 3 feet apart, 2 to 4 inches apart in the row. In field planting we usually furrow out our rows 30 inches apart, and 5 to 6 inches deep. We immediately follow the furrowing plow, while the furrow is yet moist, with our Garden Seed Drill and drill from 50 to 60 pounds of seed per acre in the bottom of the furrow, and as the beans grow work the soil to them until the furrow is filled level with the land. In this way the plant is deeply rooted, requiring less water, and will endure more drouth. If the ground is dry and irrigation necessary to sprout the beans, irrigate the ground first, planting the seed as soon as the ground is dry enough to prepare for the seed. Never irrigate immediately after planting, as it will crust the ground, preventing the beans from coming thru, and often cause them to rot. Beans require very little water. After each irrigation or rain mulch the soil as soon as it is in good working condition. This will conserve the moisture and require less water. Cultivate frequently and shallow, but never when the vines are wet. Pole and Lima beans are more tender and susceptible to cold and climatic conditions than the dwarf varieties; therefore should not be planted until later in the season when the ground is warm. If planted in cold, damp weather, they are liable to rot. Plant 4 to 6 beans to the hill, 2 to 3 inches deep, and 3 to 4 feet apart in the row, cultivating same as the dwarf varieties.

Colorado now ranks first in quantity and quality of seed beans produced in the U. S. Our soil and climate seem especially adapted to the proper growth and development of them. Our irrigating system enables us to water them when needed, resulting in a quick, strong, vigorous growth, producing large, plump, hardy seed, of strong germination. Our Dry Summers and Falls are ideal for harvesting and threshing them. We grow all of our seed beans (except some of the pole varieties)

right here under our personal supervision, and challenge anyone to supply any better.

The bean is one of the most tender of the vegetable family; therefore is naturally a warm weather plant, and is easily and quickly affected by climatic conditions. It sprouts quickly and, under favorable conditions, is up and thru the ground in less than a week after being planted. The seed should not be planted until danger from frost has passed, unless you intend covering or protecting them in some way in case of frost. To be best, beans should have a quick, unchecked growth; otherwise the best varieties will be tough and stringy. The rounder and straighter the bean pod, the more tender and luscious. A curved bean is invariably more or less tough and stringy. The string or tough fibre in the back causes the pod to curve. Therefore, if you want the best, get a bean without a spinal cord. We are at a loss to know why flat podded beans are grown when a luscious, tender, meaty, round podded variety, much superior in every way, can be had for the same trouble and expense.

There are but few varieties of beans that combine earliness, hardness and productivity. The extra early varieties are generally light yielders, as the cold soil or cool weather prevents them setting heavily. The second early varieties, which are only a few days later than the early, are generally more prolific and produce a better, more even grade and all-purpose beans. The late varieties are usually more or less fibrous and tough.

There are a large number of varieties of beans grown, all having more or less merit. As we ship to every state and locality in the Union, it is necessary that we list, and carry in stock, all of the best standard varieties in general use. Those adapted to the North, South, East and West. Those to wet climates; those to dry climates; those with round pods; those with flat pods; those for the home garden; those for the commercial gardener. Those for canning; those for shipping purposes and those for either snap or shell beans. As certain varieties are best adapted to certain localities conditions and purposes, we cannot, without knowledge of your locality, conditions and use, intelligently recommend the varieties best suited to you but, as an aid to the amateur or inexperienced, we will here state some of the characteristics of each variety we list, which, in connection with our full and complete description which follows, should enable them to easily select the variety or varieties best suited to their requirements and conditions.

Wax Podded Varieties

The Round Pod Kidney, or Brittle Wax, as it is often called, is one of the few beans that combine earliness, hardness and productiveness, and for an all purpose bean is considered the best of the wax podded varieties. It is a thoroughbred and should be in every garden. Wardwell's Kidney Wax is one of the old standard varieties, and is one of the best of the flat podded sorts. A decided favorite in the South, where it is largely grown. The Profitic Early Black Wax (which before the War was known as German Black Wax) is a favorite with market gardeners on account of maturing a large proportion of its crop early, which means much to the grower depending upon the early markets. Improved Golden Wax is a medium early variety, and is the hardiest, most productive, and more largely grown of the wax varieties. An excellent all purpose bean. The Pencil Pod, or Shippers' Wax Pod, as it is known on the Denver Market, has long, round, meaty pods, round as a pencil, and most striking in appearance. Very hardy and productive. A decided favorite with growers for the shipping trade. Refugee Wax is a second early variety; very hardy and productive. Used largely for canning purposes. Davis White Wax is an early, hardy, flat podded variety. Popular on account of its good shipping qualities and white beans, which make an excellent shell bean for winter use. Sure Crop Wax is an improved strain of Currie's Rust Proof Wax. Is about half round and half flat, extra long, thick, tender, meaty pods. A very heavy, vigorous rust-resisting main crop variety.

Green Podded Varieties

The green podded beans are by far more popular, and much more universally grown than the wax varieties. Burpee's Stringless Green Pod is the popular favorite wherever grown and used. As a home garden variety it is in a class by itself, but is too tender for shipping, and rather light colored for canning. It is medium early and quite productive. Giant Stringless Green Pod is a larger type of Burpee's Stringless Green Pod, bush and pods larger and more productive, and a few days later. A decided favorite with the market gardener on account of its large pods and heavy yielding qualities. Fordhook Favorite, or Burpee's White Seeded Green Pod, is one of the latest introductions in the bean family. Fordhook Favorite is very similar to Burpee's Stringless. Pods are larger, measuring 5½ to 6 inches long, one-half inch wide and one-half inch thick; very meaty and tender. White Seeds suitable for either green snap or shell beans. A good running mate for Sure Crop Wax. Longfellow, or Shippers' Green Pod, as it is known among our Denver gardeners, is a medium early variety with long, round, straight, fleshy pods, somewhat fibrous, but a splendid shipping variety, and is grown very largely around Denver for shipping in mixed car lots to Southern markets after theirs are gone, and it is too hot to grow them there. Full Measure is a new main crop variety that is very popular where known. We grow this variety on our Farm for our own use, both table and canning, and consider it equal in every way to any of the green podded varieties and superior to many. It has a beautiful long, round, deep green pod, entirely stringless, and excellent for canning, as it retains its beautiful green color after cooking. Hopkins Earliest Red Valentine is the earliest of the green podded varieties, often coming into bearing in five weeks after planting. Early Yellow Six Weeks is an extra early flat podded variety, grown largely on account of its earliness and hardness. More or less fibrous. The Black Valentine is a very popular main crop variety grown extensively throughout the South for shipping to Northern markets. The pods are long, slightly flattened, but very handsome, attractive and a good seller. Dwarf Horticultural, or Italian Bean, is a combination bean, and in a class by itself. When gathered early may be used as a snap bean, but used more largely as a shell bean, either green or dry. The beans are large and easily shelled. Grown very largely by Italian gardeners for their own use.

Pole Beans

The first record we have of beans were of the Pole, or climbing varieties, from which all other types of beans have been developed. The Pole Bean still leads in productiveness, flavor and usefulness, as they produce more and better beans, with less trouble and labor than any other variety. They can be planted in the field with corn and cultivated with the corn, or they may be planted along yard and garden fences or on trellises, or any old place where they will have reasonably good soil and care. They will begin bearing early and continue until killed by frost in the Fall.

Early Golden Cluster Wax Pole is one of the early varieties. Pods are 6 to 8 inches long, borne in clusters. An excellent shipper, and good both for snap and shelling. Kentucky Wonder Green Pod is an old favorite, with long, deep, saddle-backed pods. Outsell all other Pole varieties. Is sure a dandy. Lazy Wife Pole Bean is the finest flavored of the pole beans; is entirely stringless and retains its tender stringless qualities until nearly ripe. Burger's Green Podded Pole, or White Kentucky Wonder, is a new pole variety. Matures early, bearing handsome, long, green pods. Good for snaps or as a green shelled bean. Beans pure white. Splendid for dry beans for baking. White Creaseback is one of the earliest and most productive of the Pole family in certain localities. It is a hot weather bean, succeeding best in the South, where it is most largely grown. White Dutch Caseknife is especially adapted to corn field culture, where it seems to thrive best.

Lima Beans

The Extra Early Jersey Lima bean is the old fashioned Butter Bean under a new name. It is an old standby, better adapting itself to all soils and conditions than any of the Lima family. Is very hardy, and seems especially adapted to the West. The Colorado Butter Bean is strictly a Western bean of the Lima family. The bean is round, ob-long, similar in shape to Dwarf Horticultural, only three or four times the size, with the peculiar flavor and cooking qualities of the Lima. It is very hardy and productive, the vine often running ten to twelve feet in length. Burpee's Bush Lima is the decided favorite of the Bush Limas. No garden is complete without this old favorite. Henderson's Bush Lima is earlier than Burpee's. Beans smaller, but more delicious, and a great yielder.

Bush Beans

Yellow Podded Varieties

Pencil Pod Wax Sub-named "Shipper's Wax Pod." This is the most largely grown bean of the wax varieties; grown almost exclusively by the market gardeners for the shipping trade, as it seems to stand shipping better than other varieties. Its beautiful, yellow, straight pods are from 5 to 7 inches long, well rounded, meaty and deeply saddle-backed. They are always solid, brittle and nearly stringless. The plants grow about 15 inches high and are very productive. We cannot recommend them too highly to the market gardeners and those desiring a wax variety. Postpaid: Pkt., 5c; ¼-lb., 10c; ½-lb., 20c; 1 lb., 35c; 10 lbs., \$3.00. By freight or express at purchaser's expense: Pkt., 5c; ¼-lb., 10c; ½-lb., 20c; 1 lb., 30c; 10 lbs., \$2.50.

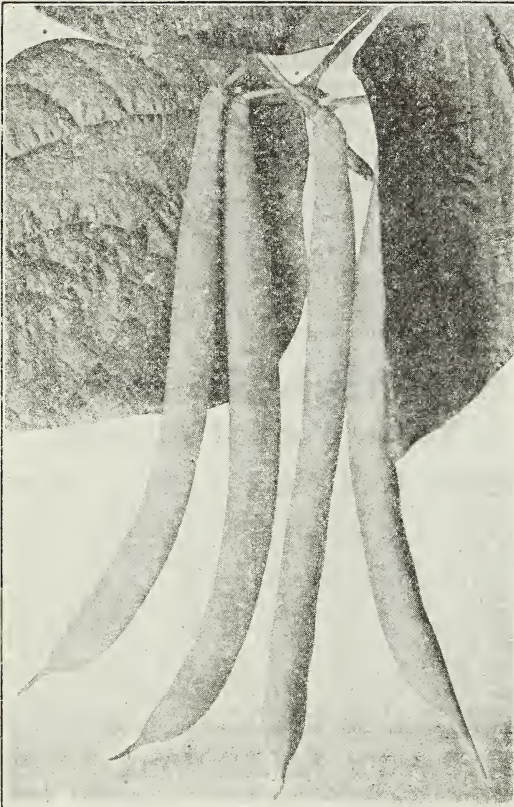
Wardwell's Kidney Wax Immensely productive; one of the handsomest wax podded beans. Pods long, broad, nearly straight, brittle, stringless, and a very delicate waxy yellow; very attractive. A favorite, not only for shipping, but for the home garden. Postpaid: Pkt., 5c; ¼-lb., 10c; ½-lb., 20c; 1 lb., 35c; 10 lbs., \$3.00. By freight or express at purchaser's expense: Pkt., 5c; ¼-lb., 10c; ½-lb., 20c; 1 lb., 30c; 10 lbs., \$2.50.

Davis' White Wax A very hardy and productive variety of wax podded beans. It is very early, and noted for its even maturity and its uniformly large, straight,

clear yellow, symmetrical and attractive pods. The beans are white and make excellent shell beans for winter use. Valuable for home use and market gardeners. **Postpaid: Pkt., 5c; ¼-lb., 10c; ½-lb., 20c; 1b., 35c; 10 lbs., \$3.00.** By freight or express at purchaser's expense: **Pkt., 5c; ¼-lb., 10c; ½-lb., 20c; 1b., 30c; 10 lbs., \$2.50.**

Round Pod Kidney Wax (or Brittle Wax)

This is the most popular wax podded bean grown. Growth dwarf, spreading, very early, and productive. Pods long, round, yellow, brittle and stringless. A most desirable bean for the home, market gardeners and canning. We persuaded one of our largest canners to try this bean last year. They report a yield of double or more over any other variety they grew, and were so well pleased with it they doubled the amount of their order this year. It is of dwarf spreading growth, early and very productive. The pods are round and long, 5½ to 6 inches, light yellow wax color, stringless, and of the very best variety. We cannot recommend them too highly to those desiring a wax bean. **Postpaid: Pkt., 5c; ¼-lb., 10c; ½-lb., 20c; 1b., 35c; 10 lbs., \$3.00.** By freight or express at purchaser's expense: **Pkt., 5c; ¼-lb., 10c; ½-lb., 20c; 1b., 30c; 10 lbs., \$2.50.**



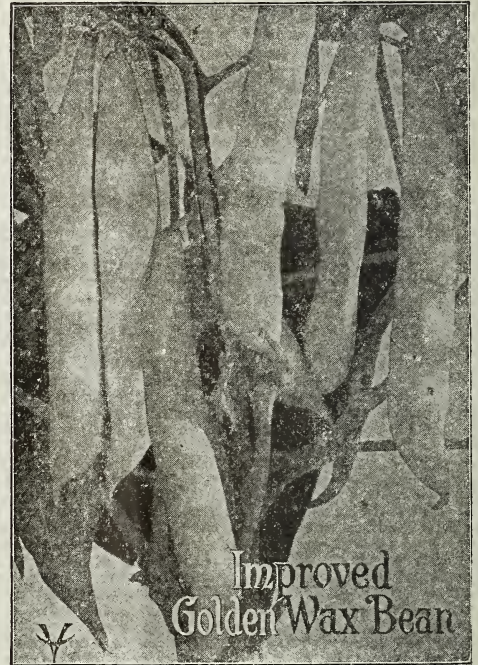
Round Pod Kidney Wax

Prolific Early Black Wax A well known popular variety. The most striking feature of this variety is its habit of ripening a larger proportion of the crop earlier than other varieties. This fact is of great value to the market gardeners and all who depend on being first in the market. Dwarf bushy growth, and very prolific. This is

one of the earliest. Pods 4 to 5 inches in length usually curved, quite round, meaty, brittle and stringless; deep golden yellow, of excellent flavor. **Postpaid: Pkt., 5c; ¼-lb., 10c; ½-lb., 20c; 1b., 35c; 10 lbs., \$3.00.** By freight or express at purchaser's expense: **Pkt., 5c; ¼-lb., 10c; ½-lb., 20c; 1b., 30c; 10 lbs., \$2.50.**

Refugee Wax Pods slender, round, light long, very meaty and brittle. One of the best early varieties, and popular with the gardeners. **Postpaid: Pkt., 5c; ¼-lb., 10c; ½-lb., 20c; 1b., 35c; 10 lbs., \$3.00.** By freight or express at purchaser's expense: **Pkt., 5c; ¼-lb., 10c; ½-lb., 20c; 1b., 30c; 10 lbs., \$2.50.**

Improved Golden Wax A medium early variety, and a heavy cropper. Vines of vigorous, bushy growth with good rust-resisting nature. The pods are golden yellow, fleshy and solid, brittle, waxy texture, and have an exquisitely rich butter flavor. Excellent for home and market gardeners. May be sown any time to late summer with assurance of a good crop. **Postpaid: Pkt., 5c; ¼-lb., 10c; ½-lb., 20c; 1b., 35c; 10 lbs., \$3.00.** By freight or express at purchaser's expense: **Pkt., 5c; ¼-lb., 10c; ½-lb., 20c; 1b., 30c; 10 lbs., \$2.50.**

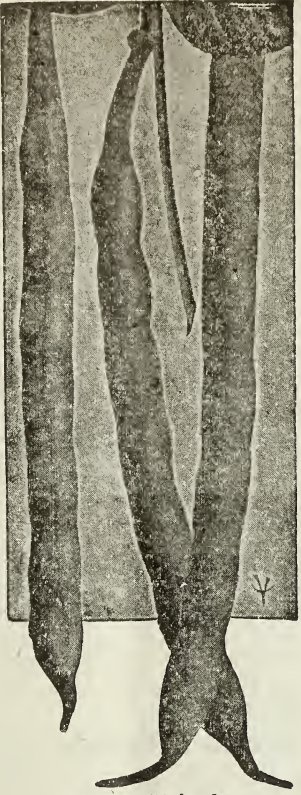


日本人農業家諸君に告ぐ
 本商會は多數の日本人農家に各種の種物類を安價に販賣致候に付和文又は英文にて御注文次第御送附申上候間多少に不拘御用命被下度願上候
 バートン種物商會
 傳馬市マーケット街一五〇〇

Sure Crop Wax

Rust Proof Wax, and is far superior in quality, productivity and Rust Resisting. The plant is very hardy, strong and vigorous, producing large quantities of long, rich, yellow pods about 6 inches long, somewhat flat, but thick, tender and absolutely stringless. We consider Sure Crop Wax the best flat wax podded variety on the market, and can highly recommend it as one of the very best for the home garden or market gardener. **Postpaid: Pkt., 5c; 1/4-lb., 10c; 1/2-lb., 20c; 1-lb., 35c; 10 lbs., \$3.00.** By freight or express at purchaser's expense: **Pkt., 5c; 1/4-lb., 10c; 1/2-lb., 20c; 1-lb., 30c; 10 lbs., \$2.50.**

This new bean is an improved strain of Currie's



Burpee's Stringless

Bush Beans Green Podded Varieties Extra Early Refugee (or 1,000 to 1)

An extra early, green podded sort; round, fleshy pods, slightly curved, of medium size, and fine quality. A most excellent bean for the early markets, and stands shipping well. **Postpaid: Pkt., 5c; 1/4-lb., 10c; 1/2-lb., 20c; 1-lb., 35c; 10 lbs., \$3.00.** By freight or express at purchaser's expense: **Pkt., 5c; 1/4-lb., 10c; 1/2-lb., 20c; 1-lb., 30c; 10 lbs., \$2.50.**

Burpee's Stringless Green Podded. One of the finest extra early beans in cultivation. It combines unusual hardness, extreme earliness and wonderful productivity. Pods of handsome appearance and finest quality. By repeated plantings pods may be had in succession from spring until killed by heavy frost in the fall. The pods are rich green, round, straight, meaty and broad, tender, brittle, and of finest flavor. Always entirely stringless, even when fully matured. **Postpaid: Pkt., 5c; 1/4-lb., 10c; 1/2-lb., 20c; 1-lb., 35c; 10 lbs., \$3.00.** By freight or express at purchaser's expense: **Postpaid: Pkt., 5c; 1/4-lb., 10c; 1/2-lb., 20c; 1-lb., 30c; 10 lbs., \$2.50.**

Fordhook Favorite or Burpee's White Seeded Green Pod

This new White Seeded, Green Podded Bean is more prolific than the famous Burpee's Stringless Green Pod. The bushes grow 18 to 20 inches high, are very vigorous, and are noted for their yielding qualities. The handsome green pods measure from 5 1/2 to 6 inches long, one-half inch wide and one-half inch thick, and are so full and fleshy they are almost perfectly round. They are brittle, juicy, free from tough fiber, and entirely stringless at all stages of growth. The seed being white, they make excellent dried beans for winter use. Fordhook Favorite White Seeded Green Pod is considered the most productive and best green podded bean on

the market today, and should be grown in every garden this season. **Postpaid: Pkt., 5c; 1/4-lb., 10c; 1/2-lb., 20c; 1-lb., 35c; 10 lbs., \$3.00.** By freight or express at purchaser's expense: **Pkt., 5c; 1/4-lb., 10c; 1/2-lb., 20c; 1-lb., 30c; 10 lbs., \$2.50.**

Giant Stringless Green Podded. An exceptionally fine bean for either home use or market. It ranks among the earliest, yet in quality and productiveness it has no superior. The vines are strong; the pods are long, 5 1/2 to 6 1/2 inches and round. Very meaty, perfectly stringless, and are borne continuously for weeks. It is a few days later than Burpee's Stringless Green Pod, and makes an excellent substitute or succession for it when sown at the same time. **Postpaid: Pkt., 5c; 1/4-lb., 10c; 1/2-lb., 20c; 1-lb., 35c; 10 lbs., \$3.00.** By freight or express at purchaser's expense: **Pkt., 5c; 1/4-lb., 10c; 1/2-lb., 20c; 1-lb., 30c; 10 lbs., \$2.50.**

Longfellow, Sub-named "Shippers' Green Pod" An early variety producing long, fleshy, green pods, which are tender, brittle and stringless when young. Flavor delicious. Plants very prolific. A favorite with the shippers, commanding a premium over other varieties. Should be grown more largely by gardeners. **Postpaid: Pkt., 5c; 1/4-lb., 10c; 1/2-lb., 20c; 1-lb., 35c; 10 lbs., \$3.00.** By freight or express at purchaser's expense: **Postpaid: Pkt., 5c; 1/4-lb., 10c; 1/2-lb., 20c; 1-lb., 30c; 10 lbs., \$2.50.**

Full Measure A new main crop variety of great merit and productivity. It is medium early. Pods long, round and meaty; stringless, and of excellent quality. We consider the Full Measure green podded bean equal in every way to Burpee's Stringless Green Pod, and of better color and better shipping qualities. We cannot recommend Full Measure too highly. **Postpaid: Pkt., 5c; 1/4-lb., 10c; 1/2-lb., 20c; 1-lb., 35c; 10 lbs., \$3.00.** By freight or express at purchaser's expense: **Pkt., 5c; 1/4-lb., 10c; 1/2-lb., 20c; 1-lb., 30c; 10 lbs., \$2.50.**

Hopkins' Earliest Red Valentine One of the earliest and most prolific, round, green podded beans. Comes into bearing earlier than the old stock Valentines. Is a wonderful producer, and a perfect shipper. It will remain in perfect condition nearly two weeks after picking. **Postpaid: Pkt., 5c; 1/4-lb., 10c; 1/2-lb., 20c; 1-lb., 35c; 10 lbs., \$3.00.** By freight or express at purchaser's expense: **Pkt., 5c; 1/4-lb., 10c; 1/2-lb., 20c; 1-lb., 30c; 10 lbs., \$2.50.**

Early Yellow Six Weeks Green Pod, extra early; very hardy; pods are long, straight and handsome. A fine shipper. **Postpaid: Pkt., 5c; 1/4-lb., 10c; 1/2-lb., 20c; 1-lb., 35c; 10 lbs., \$3.00.** By freight or express at purchaser's expense: **Pkt., 5c; 1/4-lb., 10c; 1/2-lb., 20c; 1-lb., 30c; 10 lbs., \$2.50.**

Black Valentine The Black Valentine is a comparatively new bean on the market. It is extremely hardy and early. The pods are a rich, dark green, nearly round or slightly flattened; are much longer and straighter than the Red Valentine. Seed Black. Very productive. On account of its hardness, productivity and shipping qualities, it has become very popular throughout the South, where they are planted early for shipping to Northern Markets. It is a very handsome bean in appearance, and meets with ready sale on all markets where offered. Mr. Green Bean Shipper, try Black Valentine. For a shipper it can't be beat. **Postpaid: Pkt., 5c; 1/4-lb., 10c; 1/2-lb., 20c; 1-lb., 35c; 10 lbs., \$3.00.** By freight or express at purchaser's expense: **Pkt., 5c; 1/4-lb., 10c; 1/2-lb., 20c; 1-lb., 30c; 10 lbs., \$2.50.**

Dwarf Horticultural (Italian Beans)

A vigorous grower, with large green pods, splashed with carmine. Excellent either as snaps in the green state, shelled green or dry. They become fit for use as green shelled beans very early, and in this condition the beans are very large and easily shelled. Our stock is entirely stringless, and a great favorite with gardeners. It brings the top prices in the market. **Postpaid: Pkt., 5c; 1/4-lb., 10c; 1/2-lb., 20c; 1-lb., 35c; 10 lbs., \$3.00.** By freight or express at purchaser's expense: **Pkt., 5c; 1/4-lb., 10c; 1/2-lb., 20c; 1-lb., 30c; 10 lbs., \$2.50.**

Pole Beans

Early Golden Cluster Wax Pole

A very early wax pole bean. Fine quality; very prolific, and continues to bear until frost. Pods are 6 to 8 inches long, a beautiful golden yellow, borne in clusters, stringless and tender. An excellent shipper, and good both for snap and shelling. Postpaid: Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1b., 35c.

Kentucky Wonder (Green Pod)

An old favorite, with long, fleshy, deep, saddle-backed pods. Very prolific, producing an abundance of fine crisp, stringless beans until late in the season. Postpaid: Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1b., 40c; 10 lbs., \$3.50. By freight or express at purchaser's expense: Pkt., 5c; ¼-lb., 10c; ½-lb., 20c; 1b., 30c; 10 lbs., \$2.50.

Lazy Wife Pole Bean

The finest flavored of all the pole beans. The pods are of medium dark green color, broad and thick, very fleshy and entirely stringless. The pods retain their rich, tender and stringless qualities until nearly ripe, and at all stages are peculiarly luscious. Each pod contains from 6 to 8 round, white beans, which make excellent winter shell beans. Postpaid: Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1b., 40c; 10 lbs., \$3.50. By freight or express at purchaser's expense: Pkt., 5c; ¼-lb., 10c; ½-lb., 20c; 1b., 35c; 10 lbs., \$3.00.

Burger's Green Podded Pole or White Kentucky Wonder Pole Bean

A new variety of great merit. Bears long, brittle, stringless pods, very meaty, and of excellent quality and flavor. Matures early and bears handsome, long green pods. Excellent for snaps, or as a green shell bean. The seeds, when ripe, are pure white, and make splendid dry beans for baking. Postpaid: Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1b., 40c; 10 lbs., \$3.50.

White Creaseback One of the earliest, and at the same time one of the most productive pole beans, bearing round, fleshy, green pods in large clusters. The seeds are pure white, and make an excellent shell bean for winter use. Especially adapted to the South. Postpaid: Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1b., 40c; 10 lbs., \$3.50. By freight or express at purchaser's expense: Pkt., 5c; ¼-lb., 10c; ½-lb., 20c; 1b., 35c; 10 lbs., \$3.00.

White Dutch Case Knife

Early, very productive, fine flavor, good as a snap bean, or shelled for winter use. Excellent cornfield variety. Postpaid: Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1b., 40c; 10 lbs., \$3.50. By freight or express at purchaser's expense: Pkt., 5c; ¼-lb., 10c; ½-lb., 20c; 1b., 35c; 10 lbs., \$3.00.

Scarlet Runner

Mostly used as an ornamental climber, but edible, and may be cooked in same manner as other snap beans, or used as a shell bean. The vine is graceful; flowers are a brilliant scarlet, and the beans are of excellent quality. Postpaid: Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1b., 45c; 10 lbs., \$4.00. By freight or express at purchaser's expense: Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1b., 40c; 10 lbs., \$3.50.

Lima Beans

Extra Early Jersey Lima This bean is ready for market from ten days to two weeks earlier than any other pole variety. Frequently ready for picking by the middle of July. The beans and pods are smaller than those of the common Lima, but of a more delicate flavor. Postpaid: Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1b., 40c; 10 lbs., \$3.50.

Colorado Butter Beans This is strictly a Western variety. The bean is round and oblong, similar in shape to the Dwarf Horticultural, only three or four times as large, with the peculiar flavor and cooking qualities of the Lima; may be cooked green or shelled, but is used mostly shelled. It is a pole bean, the vines often running 10 to 12 feet in length, and is very prolific. We can cheerfully recommend it as being decidedly the best Lima bean for the West. Give it a trial. You will be more than pleased. Postpaid: Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1b., 40c; 10 lbs., \$3.50. By freight or express at purchaser's expense: Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1b., 35c; 10 lbs., \$3.00.

Burpee's Bush Lima A dwarf or bush climbing Lima. The bushes grow 18 to 20 inches high, of stout and erect growth. It is an immense yielder, and of luscious flavor. Postpaid: Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1b., 40c; 10 lbs., \$3.50. By freight or express at purchaser's expense: Pkt., 5c; ¼-lb., 10c; ½-lb., 20c; 1b., 35c; 10 lbs., \$3.00.

Henderson's Bush Lima The earliest of bush Limas. It is small in size, but of high table merit, and favor with housekeepers on account of its delicious flavor and great productiveness. It bears until frost, and a small patch will supply a family. Postpaid: Pkt., 5c; ¼-lb., 10c; ½-lb., 20c; 1b., 35c; 10 lbs., \$3.00. By freight or express at purchaser's expense: Pkt., 5c; ¼-lb., 10c; ½-lb., 20c; 1b., 35c; 10 lbs., \$2.50.

Broad Windsor Stalk erect, strong and shabby. The bean is large, broad and flat. Should be planted early, and is best green shelled. An English variety. Postpaid: Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1b., 45c; 10 lbs., \$4.00. By freight or express at purchaser's expense: Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1b., 40c; 10 lbs., \$3.50.

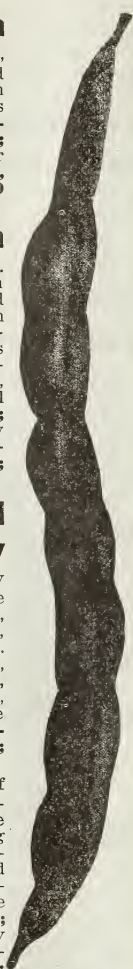
Mr. Market Gardener

Mr. Market Gardener—We are the largest growers of vegetables in the state, and believe we know the kind of seeds you want. The seeds we are offering are the same we plant ourselves, and there are no better obtainable.

You can buy seeds at lower prices than we are quoting, but you cannot buy seeds of equal quality for less money. We have no second grade or so-called "cheap seeds," and solicit the patronage only of those who are willing to pay a fair price for the best it is possible to produce.

Thomas Vils, Walden, Colo.: This is a cold country, and not many bother much with gardens, but last summer it was extra good, and I raised a garden; I was astonished myself. Just as good as east, or better; that means vegetables can stand cold nights. Your seed is nice and fresh; better than I had from the east, and so I stick to you as long as I get good seed. I only got a garden about one acre, but I am a gardener and could not do without it.

Allen Breen, Maysdorf, Wyo.: The Alfalfa seed I purchased of you done more than I expected of it, owing to the dry season we had. I had the ground in fine shape, sowed it in a corn field that had been plowed over once, and we never had a drop of rain after I sowed the alfalfa until it was matured. It made a fine seed crop and lots of hay. I believe this is a very good way to start alfalfa.



Kentucky wonder

BEETS

One ounce will sow 50 feet of row; 5 to 6 pounds per acre.

CULTURE The soil best suited for beets is a rich sandy loam thoroughly mixed with well rotted manure. If wanted very early, sow in hot beds and transplant to the field when danger of frost has past. Beets will stand light frosts, but a severe frost will either kill them outright or so stunt them that they will do no good. For the main crop begin sowing in the latitude of Denver about May 1st (Warmer climates earlier), and sow at intervals of two or three weeks until the latter part of June. The early planting being for immediate use, the later plantings for storing, sitting or later use. Prepare the soil well, making a well pulverized seed bed. If all work is to be by hand, sow in drills 15 to 18 inches apart, 1 to 2 inches deep. When plants are 2 to 3 inches high, thin them out 4 to 6 inches apart. It is a mistake to leave them any thicker, as it will retard their growth, resulting in small, inferior stock. We grow large quantities of beets and cultivate with the horse, planting the seed in rows 12 to 20 inches apart, using the 20-inch row for irrigating and for the horse to walk in when cultivating. By planting and working them this way, we can grow them much more cheaply than by all hand work. Cultivate well and often, the oftener and better cultivated, the better the crop.

Table Beets are one of the healthiest and most easily grown of the vegetable crops, and for several years past has been one of the most profitable for the commercial grower. The flat varieties are the earliest, but are grown only for the early markets, as the round or globe shaped varieties are more popular and more productive. The Extra Early Flat Egyptian is the earliest of the early flat varieties; it is the best variety for starting in hot beds and later transplanting for extra early use; it is a flat beet and matures very early. Crosby's Egyptian is an improved strain of the Extra Early Flat Egyptian, not quite so early, but of better shape, color and quality. It is more oval in shape, smoother, deeper red in color, only slightly zoned; an excellent variety to follow the Extra Early Flat. The Early Wonder is the earliest of the globe varieties. It is globe shaped, with very small, dark red tops. One of the very best for bunching. The Eclipse is a second early smooth, blood red beet, oval in shape; an ideal beet for the home garden and for bunching. Improved Early Blood Turnip is the most popular of the second early or main crop varieties, and the one grown most largely by the commercial gardeners here for bunching. It is an ideal globe shaped, smooth and free from side or fibrous roots. A rich dark red color; does not bleed as freely when cut as other red varieties. Edmond's Early Blood Turnip is the most even, perfectly shaped variety, each root having the appearance of being moulded; tops small, roots dark red crimson color. A great favorite with market gardeners. Detroit Dark Red is the most largely grown of the main crop varieties. It is globe shaped, dark red color, fine for pickling and one of the best for winter storage.

Edmond's Early Blood

Turnip This variety originated with a market gardener of Boston, and is a perfectly formed variety, each root having the appearance of being moulded. Tops small; roots dark red; flesh firm grained, and of rich crimson color. Crisp, tender and a good keeper. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; lb., \$1.10.

Crosby's Egyptian An improvement on Extra Early Egyptian, being as early, but a more desirable shape, color and quality. It is very sweet and tender, and a most valuable sort for early market, as it is ready before any other beet of equal quality. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; lb., \$1.10.

Early Wonder This is the latest introduction in beets, and is the earliest of the table varieties. It is globe shaped, with small tap roots. Flesh is a very dark red, making it one of the very best for pickling and canning. The tops are very small, of a dark red color, permitting of closer planting than some of the older varieties. It is fine flavored, tender and crisp throughout the season. A splendid early variety for the home or market garden. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; lb., \$1.10.

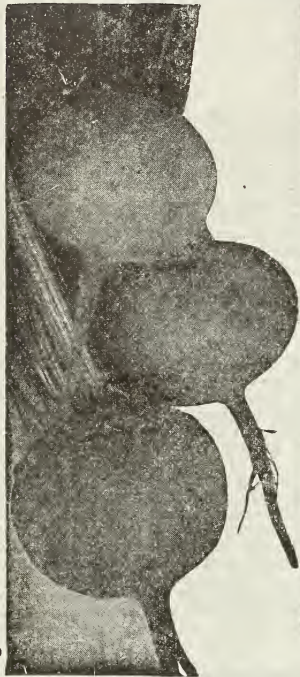
Early Eclipse Extra early, smooth, blood-red roots; popular both for market and home garden; grown exclusively for bunching. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; lb., \$1.10.

Extra Early Egyptian Flat The very best variety for forcing, and excellent for first early crop out of doors, being very early, with small tops, making it a very desirable bunching sort. The roots are of good size, round and distinctly flat on the bottom. Flesh dark red, zoned with lighter shade; crisp and tender. Our stock of seed of this variety is French grown, and true to name and description. Some of our best and most particular customers claim that this is the best and most perfect beet on the market. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; lb., \$1.10.



Extra Early Egyptian

T. E. Adams, Columbine Ranch, South Fork, Colo.: I take pleasure in saying the seeds and plants purchased from you in 1919 were all that could be desired, and for this altitude I think there is none better. I grew purple top turnips sown July 1st, 1919, harvested Oct. 1st, 1919, weighing twelve pounds; solid seed crop; elevation, 8,400 feet.



Improved Early Blood Turnip

This splendid beet is nearly as early as Extra Early Egyptian, and greatly surpasses that variety in flavor. The color is a rich dark red, shape globular. It is free from side or fibrous roots, being always smooth. It is excellent for forcing for a main spring or summer crop, or for use in winter, as it is a good keeper. It always cooks and cuts a rich, dark red blood. It is tender, crisp and sweet, and is in every way one of the best varieties for the market of home gardeners. **Postpaid: Pkt., 5c; oz., 10c; 1/4-lb., 35c; 1/2-lb., 65c; lb., \$1.10.**

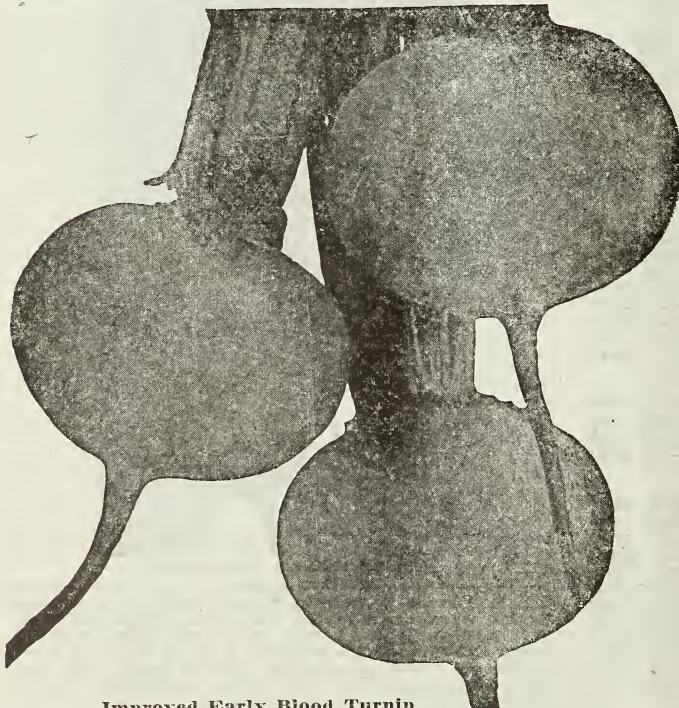


Swiss Chard, Grant Lucullus

The largest and best variety of Swiss Chard. Seed sown early in spring will produce plants quickly, from which the light colored, thick, mid-ribs of the leaves may be cut down to the ground; new growth will quickly succeed it, which may in turn be gathered. If the plants are allowed to grow on, an abundance of large, curly leaves may be obtained, which make excellent greens. No garden is complete without Swiss Chard, and the grower will be amply rewarded by giving it at least a small space in the garden. **Postpaid: Pkt., 5c; oz., 15c; 1/4-lb., 50c; 1/2-lb., 85c; lb., \$1.50.**

Detroit Dark Red

This is the best beet for the market and home garden on account of its uniform shape and rich color, making it the most desirable for table use. Tops small, erect in growth, roots medium size globular, and nearly round, smooth, and a dark red color. Flesh is deep vermillion red, zoned with a lighter shade of the same color. **Postpaid: Pkt., 5c; oz., 10c; 1/4-lb., 35c; 1/2-lb., 65c; lb., \$1.10.**



Improved Early Blood Turnip

Fine Success with Mangels

I had the best luck with Beets—Half Sugar, Half Mangels. The Half Bred Sugar-Mangels grow at least one-third more per acre than straight Sugar Beets, though they should be fed before freezing weather. I practice planting Mangels on the near side of a field, finishing with Sugar Beets for winter use. For hog feed this works out well. As to Corn for Ensilage, I planted both Colorado Yellow Dent and Minnesota 13. Could see no difference—both did equally well. Potatoes—Minnesota Early Ohios—did fine.

N. P. SWANSON,
Berthoud, Colo.

Sugar and Mangel Wurtzel Beets

As the feeding value of Sugar Beets and Mangel Wurtzels becomes better known the acreage devoted to them is increased. They are the cheapest, most important, and profitable root crop for stock feeding purposes as has been proven by many State Experimental Stations and by thousands of prosperous dairymen and stock growers, who feed them largely. The value of these for stock feeding cannot be overestimated. The results from their use are wonderful, as is clearly shown in the improved health and condition of the animals to which they are fed, the increased yield of milk in the cows, and the great saving of hay.

It has been proven by repeated tests that, when fed with alfalfa, their feeding value equals that of alfalfa of equal weight, or, more clearly speaking, a ton of beets and a ton of alfalfa hay fed together will go as far and contain as much feeding value as two tons of alfalfa hay. When the fact is considered that from 20 to 50 tons of these beets and mangels can be grown on a single acre, at a small expense, and are equal to alfalfa hay in feeding qualities, the wonder is that every farmer does not grow them. The owner of even one or two cows should grow them in sufficient quantities to provide fresh food in winter, when green food is not obtainable. They are good for the horse, cow, hog, sheep, and even the fowls, on the farm. They are as important to the livestock industry of this country as corn is to the hog industry of Kansas and Nebraska.

If stockgrowers and feeders fully realized the importance and value of Beets and Mangels for feeding purposes they would be more universally and extensively grown and root houses as essential and numerous as Silos. The Sugar Beets will not grow nearly the tonnage the Mangels will, but for milk and fattening purposes are better, as the average sugar contents of the regular Sugar Beet is about 14 per cent, while that of the Mangel is from 8 to 10 per cent. Therefore, Sugar Beets cannot be fed so heavily as the Mangels without souring and getting the animals "off their feed," which will require weeks, and often months, to get them back to normal, in the meantime losing their previous gain.

Mangels yield about double the tonnage of the Sugar Beets, and contain only 8 to 10 per cent sugar. Therefore, may be fed much more heavily without danger of souring or getting the animal "off its feed." So the more Mangels the stock eat, the less hay or roughage they require. Therefore, we would recommend Mangels for growing or wintering purposes and Sugar Beets for fattening and milk.

The sugar factories furnish seed for planting the acreage covered by their contracts. They also have agents, or field men, in every district whose duty it is to see that the beet ground is properly prepared and seeded; also that the crop is properly worked and cared for during the entire season.

Much credit is due the sugar companies for educating and assisting their growers in the use of the most modern labor-saving machinery and methods of growing and handling the crop, which has enabled the farmers to grow a maximum crop at a minimum cost. If our State Agricultural Colleges and County Agents would manifest the interest, and give the same assistance to the Mangel growers, that the sugar companies give to their Beet growers, we would soon be able to double the present stock feeding capacity of the country, as there is no crop grown that will produce as much feed, as cheaply, as will Mangels and Sugar Beets.

Vilmorin's Improved White Sugar Beet is very rich in sugar contents, and is especially adapted to new land, and is a good keeper. White Red Top is a very early half-long variety containing from 10 to 12 per cent of sugar; is a heavy yielder, and the most popular for feeding purposes. Klein Wanzleben is the standard beet, and the variety grown almost exclusively for sugar factories for making sugar. Lane's Imperial is a large, smooth, fine grained, sweet beet, especially good for feeding purposes.

The Giant Red Eckendorff is a very large, long, cylindrical, heavy yielding Mangel. It has been the favorite Mangel in Germany for many years, and is grown extensively by the Germans here. Danish Sludstrup is considered by those who have grown and fed them to be the best balanced Mangel grown. It is a very heavy cropper, often producing, per acre, 40 to 50 tons of Mangels containing about 10 per cent of sugar. It grows well above the ground, and is easily harvested. Giant Feeding Half-sugar Beet and Mangel is the decided favorite of the American growers. It does not grow as large as Sludstrup or other large Mangels, but is richer in sugar contents, containing from 10 to 12½ per cent sugar, making it a splendid combination Beet and Mangel. Improved Golden Tankard is an old standard, heavy yielding variety. The roots are large, tapering quickly at the bottom. They grow largely out of the ground and are easily harvested. Mammoth Long Red grows the longest roots, and gives the heaviest tonnage of any of the Mangels, but is not so rich in sugar contents as some of the smaller varieties. This is an ideal Mangel for growing and wintering purposes.

Sugar Beets

Sow 10 to 15 pounds per acre.

Farmers are just beginning to realize the importance of Sugar Beets for stock feeding, and the acreage is being increased yearly.

Vilmorin's Improved

White One of the richest in sugar contents. It will do better on new lands than any other. Suffers less from excess of nitrogen, and will keep the best. Tops of medium size, with smooth, bright green leaves. By Parcel Post: **Postpaid: Pkt., 5c; ½-lb., 50c; lb., 90c; 10 lbs., \$8.50.** By freight or express at purchaser's expense: **Pkt., 5c; ½-lb., 45c; lb., 80c; 10 lbs., \$7.50.** Special prices on large quantities.

White Red Top French. This is one of the earliest and best of the feeding sugar beets of the half-long variety; it grows a little out of the ground; is a very large cropper, producing about 20 tons to the acre, containing from 10 to 12½ per cent of sugar. On this account it is preferable for feeding purposes to the Mangels, as it contains from 2 to 4 per cent more saccharine. Give it a trial. By Parcel Post: **Prepaid: Pkt., 5c; ½-lb., 50c; lb., 90c; 10 lbs., \$8.50.** By freight or express at purchaser's expense: **Pkt., 5c; ½-lb., 45c; lb., 80c; 10 lbs., \$7.50.** Special prices on large quantities.

Klein Wanzleben This is the beet grown so largely throughout the West for the sugar factories; it is also one of the greatest milk producing roots known. In shape it is conical, straight, even, quite large at the head, and readily tapering. While the yield is, perhaps, not equal to the largest Mangel, yet every stock raiser should plant liberally of this fine sort. Contains the greatest amount of sugar of any. By Parcel Post: **Prepaid: Pkt., 5c; ½-lb., 50c; lb., 90c; 10 lbs., \$8.50.** By freight or express at purchaser's expense: **Pkt., 5c; ½-lb., 45c; lb., 80c; 10 lbs., \$7.50.** Special prices on large quantities.

Lane's Imperial Especially good for stock feeding. Smooth, fine grained and very sweet. By Parcel Post: **Prepaid: Pkt., 5c; ½-lb., 50c; lb., 90c; 10 lbs., \$8.50.** By freight or express at purchaser's expense: **Pkt., 5c; ½-lb., 45c; lb., 80c; 10 lbs., \$7.50.** Special prices on large quantities.

Mangel Wurtzel Beets

CULTURE Mangels require a deep soil in order to do well. Sow from April until June, in rows 18 inches to 2 feet apart, and then thin to 8 to 10 inches apart. If you prefer large Mangels, thin to 12 inches apart; if medium size is wanted, thin to about 8 inches apart, and cultivate same as sugar beets. Sow 8 to 15 pounds to the acre, according to width of rows.

Danish Sludstrup

This most wonderful Mangel has been awarded a first-class certificate several times by the Danish government, the highest honor in Denmark, where Mangels are as important to the farmer as corn is here. Sludstrup is considered the best of all Mangels. It produces the heaviest tonnage, contains the largest per cent of nutriment of any Mangel on the market today. In color it is reddish yellow, and of a distinct type. It is very hardy, grows well above ground and is easily harvested. Our seed is imported direct from one of the best Danish growers. By Parcel Post: **Prepaid: Pkt., 5c; 1/2-lb., 40c; lb., 75c; 10 lbs., \$7.00.** By freight or express at purchaser's expense: **Pkt., 5c; 1/2-lb., 35c; lb., 65c; 10 lbs., \$6.00.** Special prices on large quantities.



Mammoth Long Red Roots are very large, uniformly straight, and well formed, considerably thicker and deeper colored than the common sort, with smaller top. Dark foliage, with skin bright red; flesh white, veined with rose pink. Roots solid, attaining a large size. Produces an enormous bulk and tonnage. By Parcel Post: **Prepaid: Pkt., 5c; 1/2-lb., 40c; lb., 75c; 10 lbs., \$7.00.** By freight or express at purchaser's expense: **Pkt., 5c; 1/2-lb., 35c; lb., 65c; 10 lbs., \$6.00.** Special prices on large quantities.

Tobacco

One ounce should produce 5,000 plants

CULTURE Tobacco in this section should be started in a hot bed early in March and transplanted to the open ground as soon as all danger of frost is over. The ground should be deeply dug and well manured, as tobacco is a rank grower.

Havana Grows well here and commands a high price as cigar stock. **Postpaid: Pkt., 5c; oz., 35c; 1/4-lb., \$1.00.**

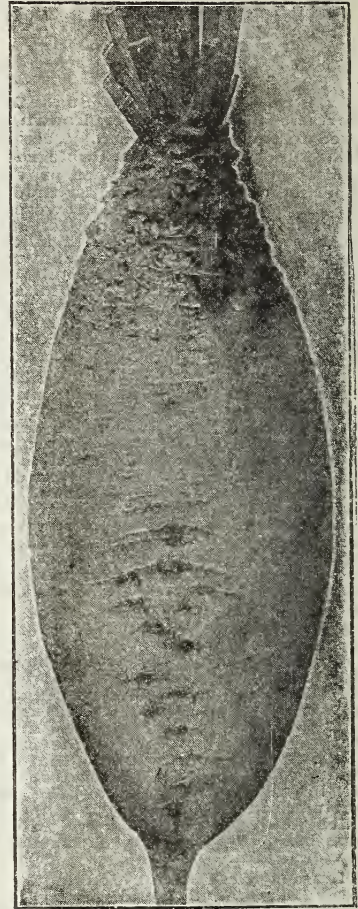
Connecticut Seed Leaf This is the hardest variety, and is best adapted to our altitude, as it stands the cool nights better than most kinds grown South. **Postpaid: Pkt., 5c; oz., 35c; 1/4-lb., \$1.00.**

Missouri Broadleaf Very early kind, and one that matures in our climate; used for cigar wrappers. **Postpaid: Pkt., 5c; oz., 35c; 1/4-lb., \$1.00.**

Chas. Howell, Vona, Colo.: Having been in the gardening and plant raising business for several years, I take pleasure in saying that the seeds purchased from you this year were the best I have every purchased, being true to name and perfect germination.

Giant Feeding Half Sugar Beet and Mangel

By careful breeding there has been developed a Half Sugar Beet and Mangel, which is more valuable for feeding purposes than the old sorts. This magnificent Mangel Wurtzel Beet, while producing nearly as large a yield of roots as the most prolific Mangel, supplies a much higher nutritive value, the roots for feeding purposes being more valuable, pound for pound, than those of the best strains of sugar beets, and the yield, under favorable conditions, being more than double. The roots grow partly out of the ground, and because of this, and their shape, the crop can be easily harvested. We can recommend this as one of the very best for feeding purposes, and are certain those who grow it will be more than pleased with results. By Parcel Post: **Prepaid: Pkt., 5c; 1/2-lb., 40c; lb., 75c; 10 lbs., \$7.00.** By freight or express at purchaser's expense: **Pkt., 5c; 1/2-lb., 35c; lb., 65c; 10 lbs., \$6.00.** Special prices on large quantities.



GIGANT FEEDING SUGAR BEET, OR HALF SUGAR MANGEL

Improved Golden Tankard A smooth, yellow-fleshed Mangel. The roots are of large diameter, tapering quickly at the bottom, which is quite broad, with only a small tap root. It grows largely above the soil, and is easily harvested. It yields an immense crop on good land. This is one of the best of all Mangels for stock feeding. By Parcel Post: **Prepaid: Pkt., 5c; 1/2-lb., 40c; lb., 75c; 10 lbs., \$7.00.** By freight or express at purchaser's expense: **Pkt., 5c; 1/2-lb., 35c; lb., 65c; 10 lbs., \$6.00.** Special prices on large quantities.

Giant Red Eckendorff A very popular variety, grown in Germany, in which country root crops are grown extensively. It has also proved most satisfactory in the United States where it has been tried. The roots are smooth, long and cylindrical in shape, very much like the Tankard Mangels. They are very heavy, weighing up to 15 and 20 pounds each. The flesh is firm, crisp and solid, white in color, and of high feeding quality. It is easily harvested, a large portion growing above the ground. By Parcel Post: **Prepaid: Pkt., 5c; 1/2-lb., 40c; lb., 75c; 10 lbs., \$7.00.** By freight or express at purchaser's expense: **Pkt., 5c; 1/2-lb., 35c; lb., 65c; 10 lbs., \$6.00.** Special prices on large quantities.



CABBAGE

One ounce of seed will produce 3,000 plants; four ounces one acre.

For Cabbage Seed, Cabbage Plants and Cabbage Information We Are Headquarters

The West is fast superseding the East in the production of Cabbage. Colorado now ranks as one of the largest cabbage growing states of the Country, with New Mexico, Wyoming, Montana, Idaho, Utah and other Western States showing a gradual increased acreage each year. In addition to the large tonnage grown each year for Kraut purposes, Colorado alone grows and ships thousands of carloads annually to Southern and Eastern markets. Where our crisp irrigated grown stock commands a premium over stock from non-irrigated districts. Our cool nights, rich soil and irrigating system enables us to grow a superior and better quality and larger tonnage per acre than can be grown in the non-irrigated sections of the South or East.

Cabbage is one of the most profitable and inexpensive crops the Western farmer can grow, and on an average is more profitable and less expensive than Sugar Beets. By planting both early and late varieties, the entire crop can be easily and cheaply handled without additional help at harvest time, as is necessary with beets. For the past twelve years we have planted and grown on an average of 50 acres of cabbage each year on our Seed and Vegetable Farm, and have kept an itemized account of what we received for it each year; and for the twelve years it has averaged us 75 cents per cwt., which, by comparison, will be readily seen is much better than would have been realized from sugar beets, as the tonnage of each per acre is about the same. Therefore, we from actual experience advise Farmers who have suitable soil not too far from loading stations to grow what cabbage they can reasonably well handle each season, and continue it for ten years, they will then find that it has been one of their most profitable money crops. As it comes in ahead of the heavy fall work, and at a time when ready cash is scarce and needed. We are the largest growers and shippers of cabbage in the state, shipping hundreds of cars of it annually. We have tested and tried out on our Vegetable Farm every standard type of cabbage grown in this and foreign countries, and the varieties listed herein are the ones we have found best adapted to the Western climate and territory. We have also found that seed grown in Denmark and Holland have given better results and satisfaction than seed grown in this Country. We believe, however, that with proper care and attention just as good cabbage seed can be grown in America as anywhere. The trouble with the American grower is he tries to grow his seed too cheaply. Most American growers start their plants in the fall, carry them through the winter in cold frames and set them in the field in the spring just as early as weather conditions will permit, and let all the heads, good, bad and indifferent, go to seed, while in Denmark and Holland the heads are grown to maturity as if for market; then are harvested and stored in a cool, frost-proof place until spring, when the perfect true to type heads are selected for seed purposes and the others marketed for consumption. Therefore, it can be readily seen why the European grown seed is superior to American grown.

There is no seed grown that requires more care and attention to produce true to type than cabbage, as all the standard varieties now being grown were originated by crossing two or more varieties; and these crosses all have a tendency to revert back to one of the original strains, and for this reason it is absolutely necessary to select the seed heads each season, using only perfect true to type heads, or it will soon revert back to one of its parent heads. Cabbage is a hardy, cool-weather plant. Yet there is perhaps no vegetable grown more susceptible to soil and climatic conditions. The types and strains best suited to the North are often not best suited to the South, and vice versa, and to aid the amateur or inexperienced in selecting a type and variety suited to their purpose, locality and conditions, we will here state some of the principal characteristics of each variety we list.

The Early Jersey Wakefield has a pointed or cone-shaped head, and the earliest variety of all, but is a light yielder—8 to 10 tons per acre being a good average. It has a very thick leaf, and has the reputation of standing more cold than any other variety; succeeds well either North or South. The Charleston Wakefield is a larger strain of the Early Jersey Wakefield and a few days later, but yields much more, and on this account is growing in favor each season. The Copenhagen Market has a nearly round or globe-shaped head, is about as early as the Early Jersey Wakefield, and will produce nearly double the tonnage. The head is an ideal marketing size, and it is fast displacing the Wakefield and other small yielding early varieties; is adapted to both the Northern and Southern climates. The Enkhulzen Glory (sold by some as the Norseman), which is about as early as the Copenhagen, and fully as productive, has a round, solid head, ideal for shipping or home market, and is the variety we grow for our first early, as we have found it more hardy even in type and size of head than any of the early varieties. We have not received an adverse report on it from any section of the country. We consider it the best early cabbage on the market today. The Early Spring and Winnigstadt are both about the same in earliness and productiveness, yielding from 8 to 10 tons per acre. The Win-

ningstadt is grown quite extensively throughout the West and South, and the Early Spring throughout the East and South. Early Summer, Early Flat Dutch and Henderson's Succession are very popular second early sorts—yielding from 12 to 13 tons per acre. These are grown but little in the West, but are grown extensively East and South. Then comes the late varieties. The Danish Round Head, or Short-Stemmed Hollander, and the Danish Ballhead or Tall-Stemmed Hollander are both very popular North, East and West—yielding from 15 to 20 tons per acre. The Surehead and Premium Late Flat Dutch are the heaviest yielders of any of the cabbages, often producing 20 to 25 tons per acre. These are grown but little in the West, but grown largely East and South for Kraut purposes.

We are indebted to the Pennsylvania State School of Agriculture, State College, Pa., for their Variety Test of Cabbages. Their Bulletin, No. 154, which is the most comprehensive and complete treatise on Cabbage we have ever seen. It gives the actual results and experiences covering several years' tests on 54 varieties of Cabbages, covering all the standard varieties, also many of the late introductions. The tests shows the strains from which each variety originated, the hardness, time of maturity and average yield. This Bulletin should be in the hands of every Cabbage grower.

CULTURE To grow cabbage successfully first secure good seed, as the quality of the seed used is of the greatest importance. No satisfactory results can be obtained where poor seed is planted. A heavy moist rich loam is most suitable. The ground should be well fertilized, deeply plowed (Fall plowed if possible), with frequent and thorough cultivation. For early use sow seeds of the early varieties in hot beds the latter part of January or first of February. For second early, sow in hot bed or out of doors if climate permits, in March and April. For late varieties sow outside in April and May. The early sowings in hot beds should be ready to transplant to the field in 2 to 8 weeks from time of sowing. The late outside sowings should be ready to transplant to the field in from 5 to 6 weeks from time of sowing. Plants grown in hot beds should be given plenty of fresh air, and as they advance in growth harden them off by leaving them exposed at nights when weather will permit. In transplanting to the field it is important that plants be set down to the first leaf, so that the stem may not be injured in case of frost. Press the dirt down tightly around the stem, but be careful not to cover the heart of the plant. The plants should be set in rows 2½ to 3 feet apart and from 12 to 18 inches apart in the row, according to the richness of the soil—the richer the soil the closer they can be grown. We fertilize our soil heavily, make our rows 30 inches apart, and set the plants about 12 inches apart in the row. In this way we secure a heavy tonnage of medium sized heads. When irrigation is used we recommend setting the plants first and then run water down the rows. In this way the water sets the dirt around the roots better and they make quicker and better growth. Cabbage requires but little water until they begin to head, just enough to keep them growing is all that is necessary; when they begin to head then the water should be increased. The more frequent and thorough the cultivation the less water they will require. The cabbage worm and Aphis are the most common cabbage pests. Paris Green Salt, Ashes, Slacked Lime, Tobacco Dust or even common dirt sprinkled over the head of cabbage will often destroy the cabbage worm. The Aphis, however, is more difficult to control, as it generally attacks the under side of the leaves, where it is almost impossible to reach them. A solution of Kerosene Emulsion and Whaleoil Soap sprayed over the heads is about as effective a remedy as we ever tried, but if your soil is rich and you will keep your cabbage well cultivated and in good growing condition you will be troubled but little with pests.

Enkhuizen Glory After several years' test on our farm, and by many of our largest and best cabbage growers, Enkhuizen has proved to be the best summer cabbage for the West. We have planted it along with Early Jersey Wakefield and Copenhagen Market, and it has never failed to come in with them when seeded and grown under the same conditions. It will produce, at least, double the Early Jersey Wakefield, and fully as much as the Copenhagen Market, and more solid, compact heads. It is especially valuable for light, dry land, producing good sized heads where other varieties would fail completely. It is very dwarf and compact in habit, allowing close planting. Head round, ball shaped, with but few outside leaves; size ideal for marketing; it is tender, fine grained and, as a cropper, no early cabbage will approach it, frequently yielding as much per acre as our famous Dan'sh Round Head, and can be planted much later and still make a good crop. On our Vegetable Farm we grow Enkhuizen exclusively for our early crop, and Danish Round Head for our second early and late, and invariably harvest 20 tons per acre from

each of them. Last year we planted Enkhuizen and Danish Round Head side by side the last days of June. All of the Enkhuizen matured fully, making good, solid heads, while only a portion of the Danish Round Head became solid enough for commercial use. Our seed of this variety was imported by us direct from Holland from the originator of this most satisfactory summer cabbage. If you want the hardiest, largest yielding, most solid, compact heads, of ideal size, try Enkhuizen, the best all around summer cabbage yet introduced in the West. **Postpaid: Pkt., 5c; oz., 40c; ¼-lb \$1.50 ½-lb., \$2.70; 1b., \$5.00.**

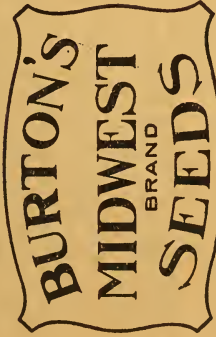


Early Winnigstadt

Early Winnigstadt This is one of the most popular varieties with market gardeners and growers for the shipping trade. There is no early variety that heads with greater certainty, more solid, or stands shipping better than our Early Winnigstadt. The heads are good sized, cone shaped, broad at the base, with twisted top. Unlike other early varieties, Winnigstadt is a pure and heavy cropper, even when planted late. Many who grow for the shipping trade plant it for their main crop, as it usually commands a premium over the larger, loose headed varieties. If growing for the shipping trade, and your soil is very rich, this variety should be grown. It can be planted closer together than the larger varieties, thereby growing as large a tonnage per acre. Growers of this variety are always able to dispose of it without trouble, while those who grow the larger, loose-headed varieties sometimes have trouble in disposing of it. Our Winnigstadt seed is grown under contract for us in Denmark, and the seed we are offering is the same that we plant on our Vegetable Farm. We cannot recommend it too highly, and urge growers to grow it more largely. **Postpaid: Pkt., 5c; oz., 30c; ¼-lb., \$1.00; ½-lb., \$1.75; 1b., \$3.00.**

Danish Round Head or Short Stemmed Hollander Burton's Selected Stock. This is the most popular of all late varieties for fall and winter use. The seed we offer was grown on Amagar Island, Denmark, and is not only genuine, but also of the highest standard of quality. It is an earlier shorter stemmed improved strain of the Danish Ball Head. The heads are the right market size—not too large, very solid and heavy, weighing fully a fourth more than other varieties of equal

PLANT



THEY GROW

The Burton Seed Co.

SPECIAL QUANTITY PRICE SHEET

15th and Market Sts.

DENVER, COLO., January 12, 1920.

Ask for Prices on Items Not Quoted.

When ordering please give date of our quotations.

UNITED STATES WHEAT DIRECTOR, LICENSE NO. 015347H

Should our prices appear higher than those of other houses, please send for samples, and compare qualities and values. You will then send your orders to us. For full description of seeds herein quoted, see our 1920 SEED BOOK.

ALFALFA

	10 to 25		25 to 50		Per 100 Lbs.
	Lbs.	Per Lb.	Lbs.	Per Lb.	
Extra Fancy Col. Pur. 99%, Ger. 94%	.50	\$.47			\$45.00
Fancy, Pur. 98.6%, Ger. 90%	.50	.45			42.50
Dry Land, Fancy, Pur. 99%	.50	.45			43.00
Turkestan, Fancy Imp., Pur. 99.23%	.50	.47			45.00
Ger. 92%					

OATS

	10 to 25		25 to 50		Per 100 Lbs.
	Lbs.	Per Lb.	Lbs.	Per Lb.	
Swedish Select, Extra Fancy*		.08	.07		5.50
Kherson		.08	.07		5.50
New Market		.08	.07		5.50
Emperor Wm.		.08	.07		5.50
White Russian		.08	.07		5.50

These quotations are net cash f. o. b. Denver. Subject to market changes and stock being sold. Seamless sacks 65c each, jute 25c each. No charge for packing or drayage.

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Extra Fancy Col. Pur. 99%, Ger. 94%	\$.50	\$.47	\$45.00
Fancy, Pur. 98.6%, Ger. 90%	.50	.45	42.50
Dry Land, Fancy, Pur. 99%, Ger. 92%	.50	.45	43.00
Turkestan, Fancy Imp., Pur. 99.23%, Ger. 92%	.50	.47	45.00
Grimm's (genuine), Pur. 99%, Ger. 96%	1.00	.90	85.00

CLOVERS

Alsako (Swedish), Fancy	.65	.62	59.00
Red—Medium, Fancy	.65	.62	59.00
Red—Mammoth, Fancy	.65	.63	60.00
White Clover, Fancy	.70	.68	65.00
Sweet Clover (white blossom), Hulled	.40	.38	35.00
Sweet Clover (white blossom) un- hulled	.30	.27	25.00
Swout Clover (yellow blossom) hulled	.40	.36	33.00

TIMOTHY

Fancy	.20	.18	16.00
Choice	.18	.16	15.00

GRASSES

Kentucky Blue, Fancy, 21 lbs.	.40	.35	32.50
Canadian Blue	.30	.27	25.00
Evergreen Lawn Mixture	.40	.36	32.50
Meadow Fescue, Fancy	.45	.42	40.00
Red Top, Hulled, Fancy	.30	.28	25.00
Red Top, Unhulled			
Orchard Grass, Fancy	.35	.34	32.00
Sudan Grass	.30	.28	25.00
Johnson Grass	.40	.35	30.00
Bermuda Grass	.85	.80	75.00
Bromus Inermis, Fancy	.40	.38	35.00
Perennial Rye, Fancy	.25	.22	20.00
Italian Rye	.25	.22	20.00

FIELD SEEDS

Amber Cane, Black, Re-cleaned	.08	.07	5.00
Orango Cane	.08	.07	6.00
Seeded Ribbon Cane for Syrup	.20	.18	15.00
Suane Cane for Molasses	.20	.18	15.00
Kaffir Corn, Red, Re-cleaned	.08	.07	6.00
Kaffir Corn, White, Black, Hulled	.08	.07	6.00
Milo Malze, Yellow Dwarf	.08	.07	6.00
Milo Malze, White Dwarf	.08	.07	6.00
Peterita	.10	.09	7.00
Broom Corn, Okla. Dwarf	.10	.08	7.00
Broom Corn, Early Evergreen	.10	.08	7.00
Millet, Common	.08	.06	5.00
Millet, Liberty, Re-cleaned	.08	.07	5.50
Millet, Siberian, Re-cleaned	.08	.06	5.50
Millet, Hog, Re-cleaned	.08	.06	5.50
Flax, Dry Land, Fancy	.20	.18	15.00
Dwarf Essex Rupe	.20	.18	15.00
Vetch, Spring	.25	.22	20.00
Peanuts, Spanish	.30	.25	20.00

GRAINS

Winter Emmer			
Speltz or Spring Emmer	.10	.08	7.00
Rye, Spring	.08	.07	5.50
Rye, Fall	.08	.07	5.50
Rosen Rye	.08	.07	5.50
Harley, Blue Bald	.09	.08	6.00
Barley, Bald or White Hulless	.09	.08	7.00
Harley, Scotch (Six Row)	.08	.07	5.00
Burley, California Feed	.08	.07	5.00
Barley, Success Beardless	.08	.07	5.50
Wheat, Defiance, Spring	.09	.08	7.00
Wheat, Blue Stem Spring	.09	.08	7.00
Wheat, Macaroni	.09	.08	7.00
Wheat, New Marquis	.09	.08	7.00
Wheat, Sonora	.09	.08	7.00
Buckwheat, Japanese	.10	.09	8.00
Buckwheat Silver Hull	.10	.09	8.00

OATS

	10 to 25 Lbs. Per Lb.	25 to 50 Lbs. Per Lb.	Per 100 Lbs.
Swedish Select, Extra Fancy	.08	.07	6.50
Kherson	.08	.07	5.50
New Market	.08	.07	5.50
Emporer Wm.	.08	.07	5.50
White Russian	.08	.07	5.50
Victory	.09	.08	6.50

BEANS

Mexican or Pinto	.10	.09	8.00
Mexican, White	.15	.12	10.00
Navy	.15	.13	11.00
Soja or Soy	.20	.18	15.00
White Tepary	.12	.10	9.00

FIELD PEAS

Canada Field, Fancy, White	.12	.10	9.00
San Luis Valley, Stock	.10	.08	7.00
Whip-poor-will	.20	.18	15.00
New Era	.20	.18	15.00
Black Eye, Stock	.15	.14	13.00

CORN

Swadley	.10	.09	7.50
White Australian	.10	.09	7.50
Colorado Yellow Dent	.10	.09	7.50
Parson's White Dent	.10	.09	8.00
Improved Learning	.10	.09	7.50
Pride of the North	.10	.09	7.50
Minnesota No. 13	.10	.09	7.50
King of the Earliest	.10	.09	8.00
Calico	.10	.09	8.00
Bloody Butcher	.10	.09	8.00
Red Cob Ensilage	.10	.09	7.50
Eureka Ensilage	.15	.12	10.00
Iowa Silver Mine	.10	.09	7.50
Iowa Gold Mine	.10	.09	7.50
Squaw	.12	.10	9.00
Pop Corn, Rlee	.20	.15	10.00
Pop Corn, Golden Queen	.20	.16	12.50
Pop Corn, Spanish	.20	.15	12.50

SUGAR BEETS AND MANGEL WURZEL

White Red Top, French	.65	.63	60.00
Lane's Improved Sugar	.65	.62	60.00
Wunzeban Sugar	.65	.63	60.00
Giant Half Sugar	.60	.55	50.00
Golden Tankard	.60	.55	50.00
Mammoth Long Red	.60	.55	50.00
Danish Mammoth Sludstrup	.60	.55	50.00
Giant Red Exkendorff	.60	.55	50.00
Giant Yellow Exkendorff	.60	.55	50.00

SUNFLOWER

Imported Small Stripe	.25	.22	20.00
Imported Mammoth Russian	.25	.22	20.00

POTATOES

Early Ohios—Colorado Grown	.10	.08	6.00
Early Ohios (Red River Stock)	.10	.08	6.00
Mammoth Pearls	.10	.08	6.00
Bowling	.10	.08	6.00
Irish Cobbler	.10	.08	6.00
Rural New Yorker	.10	.08	6.00
Rose Seedling	.10	.08	6.00
Red McClure or Peach Blow	.10	.08	6.00
Netted Gem or Burbank	.10	.08	6.00

ARTICHOKE ROOTS

Jerusalem	.10	.08	5.00
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ONION SETS

	1/4 Bu	1/2 Bu	1 Bu
Yellow Bottom, 32 lbs per bushel	1.50	2.75	5.00
Red Bottom, 32 lbs per bushel	1.65	3.00	5.50
White Bottom 32 lbs per bushel	1.75	3.25	6.00
White Multiplier 28 lbs per bushel	2.00	3.50	6.50

SEED NOTES!

This year marks the most acute shortage of clovers, alfalfa and grass seed that we have ever known. The high prices of all grains, especially wheat, and extremely bad growing conditions have all combined to both cut down the acreage and yield of these seeds. If our progressive growers are to keep their farms productive to the highest degree they must practice a more varied crop rotation, as the incessant cropping of wheat and other grains without rotating with legume crops, will exhaust the best of soil and require excessive expense to put it back in shape.

PLANT DIVERSIFIED CROPS—THE RESULTS IN INCREASED YIELDS WILL BRING SUBSTANTIAL PROFITS.

ALFALFA: Those who claim to know tell us that there is just one-sixth of a crop of Alfalfa Seed in this country. We do not know how accurate these figures are, but we do know that there is an acute shortage of Alfalfa Seed of every kind. The shortage is reflected in the high price of seed and yet we were fortunate in securing our seed when we did and at the price we paid, as dealers are now asking more for seed in carlots than we are asking for our seed in smaller lots.

We have secured a limited amount of Colorado grown seed again this season, although there was very little produced in the state. It is, we believe, the brightest and best looking seed we have ever offered and in addition shows a high test for purity and germination.

Turkistan Alfalfa seems to be the scarcest of all the Alfalfas. We have a good supply bought and it is now en route from Siberia to this country. Unless it is lost or badly delayed in transit it should reach here by the middle of February—in plenty of time for spring planting.

Grimm's Alfalfa Seed is also exceedingly scarce but we were fortunate in securing a fair amount of certified Grimms Idaho grown stock. We hope we will have enough to supply the demand, but would suggest ordering early for last year we had to disappoint a number of our customers who ordered late.

CLOVERS: All Clover Seeds seem to be as short as Alfalfa and in some cases shorter. Prices are high now, but our Eastern friends who are in position to know say that spring prices will be higher yet. Our stocks of Alsike, Red Clover and White Clover are fairly complete, but we cannot duplicate the stocks we have at anywhere near the price we paid for them. **ORDER EARLY.**

SWEET CLOVER: In former years practically our entire demand for Sweet Clover was from the East. This has changed and we are now selling more Sweet Clover Seed in Colorado and adjoining states than we are sending East. We believe it is destined to be one of the main crops of this section and we feel that every grower should investigate fully its merits and culture to see if it is not peculiarly adapted to his own soil and conditions.

The White Blossom variety has been the popular one for years but we believe that the Yellow Blossom has some characteristics that make it better suited to western conditions than the White Blossom. We carry a good stock of each variety. Our seed is all Western grown and acclimated.

INVESTIGATE SWEET CLOVER BEFORE CONDEMNING IT AS A PEST. IT IS A NATIVE WESTERN PLANT AND MAY PROVE TO BE THE LATENT FORAGE PLANT, SO LONG SOUGHT BY THE FARMERS OF THE WEST.

TIMOTHY: This is one of the few Hay crop seeds that is medium priced. This is due to the fact that exportations are so limited that Europe has had no opportunity to buy the usual amount that they purchase from us. The moment the Peace Treaty is signed we look for an advance in the price of Timothy.

SUDAN GRASS: Colorado produced a large crop of Sudan Grass seed the past season, but from samples we have seen and tested we are convinced that the extreme cold weather we had in November and December ruined the germinating power of a large portion of the seed. We carefully test every lot offered us before we buy it and it must show a satisfactory purity and germination test or we will not have it in the house. All of our stock is Colorado grown.

GRASSES: Practically all grass seeds are high in sympathy with Alfalfa and Clovers. We have good stocks of everything and can take care of an average demand.

BARLEY, WHEAT AND OATS: Contrary to expectations the price of Wheat has advanced until it is now considerably above that set by the Government. All reports indicate a big shortage of Wheat both for our own uses and for the demands of the European countries who have to be fed. Seed Wheat will be high and scarce. In sympathy with Wheat, Barley and Oats are high and demand active; stocks of both are getting scarcer each day.

This year we have secured good stocks of all varieties of grains and are in position to take care of your requirements in good shape. We recommend especially our Blue Bald Barley, Success Beardless Barley and Swedish Select Oats as being especially well adapted to this section.

FIELD CORN: Good Seed Corn is one of our specialties. There is no seed more important to Western growers than good reliable Seed Corn. From samples we have recently tested we are convinced that the extreme cold weather in November and December destroyed the germinating power of a large portion of the seed corn in this section. It is now evident that good Seed Corn will be as scarce next spring as it was in the Spring of 1918.

There is no dealer in the West who is as careful and painstaking in their selection of Seed Corn as we are. Every lot purchased by us must pass a triple test before it is finally accepted and offered for sale. In addition to securing corn of high germination we make it a point to secure only those corns adapted and acclimated to this section.

You will make no mistake in placing your seed corn orders with us. The results will repay you.

BEANS: There is a decided lack of interest in Beans and this is reflected in the low price of seed. We look for a heavy demand for them as soon as the signing of the Peace Treaty will allow exportation to Europe. It is our candid opinion that this is the year to grow Beans, as one extreme invariably follows another.

SUGAR BEETS AND MANGEL WURTZELS: We hope that every Western grower will plant an increased acreage of these valuable stock feeds. The price of seed is reasonable and as they do not require much room or attention they are one of the most economical food crops. Our seed is all imported. Let us quote you special prices on large quantities.

ONION SETS Sets are another of our specialties. After a number of years of experimenting we have found that we can grow a better set in Colorado than any place in this country. All of our sets are Colorado grown on our own farm or under our own supervision. We have produced this year the best crop of sets we have ever had; their color is fine and their keeping qualities unsurpassed. We have them stored at Denver in our own warehouse where we can keep a close watch on them. This means that when you order from us your order will be filled with bright clean, dry stock and not some sprouted, wet, mouldy stock just unloaded from a close unventilated car that has been on the road for perhaps two weeks or more.

POTATOES: The high prices of eating potatoes should convince our Western Growers that they should plant more potatoes and better seed. We note that those sections where growers use their culls for seed that the yield per acre is extremely low. Seed purchased from a reliable seedsmen will nearly always produce twenty-five to fifty sacks MORE to the acre. This means \$100 to \$200 more to the acre at an expenditure of \$5.00 to \$10.00 per acre.

We have a good stock of genuine Minnesota Red River Ohios, Dry Land Grown Colorado Ohios, mountain grown Red Mc Clures, Cobblers, Russet Burbanks, Rose Seedlings, Pearls and Rurals. Let us supply you with GOOD seed. It will pay.

GARDEN SEEDS: We are the largest growers of vegetables in the West. Therefore, it naturally follows that we should specialize in vegetable seed.

In comparing the various catalogs received each season the casual observer is at a loss to know why there should be such a difference in prices quoted.

There are two classes of seedsmen: Those who grow their own seed or have them grown by seed specialists under contract, and those who buy on the open market wherever they can buy the cheapest. We grow a good portion of our Garden Seed on our Seed Farm, and those that we do not grow ourselves are grown for us under contract by reliable, experienced seed specialists. Every lot of seed that comes into our house, whether grown by us or under contract is tested and if they do not show a standard test are discarded and returned to the grower. Therefore, in ordering from us you can depend upon receiving only fresh, high grade, tested seed, and not some old, carried-over or discarded stock that could be bought cheaply.

Carefully read our catalog. It will convince you that our seeds are the cheapest, regardless of price. Cheap seeds are high at any price. Always bear in mind the old Biblical phrase, "AS YE SOW, SO SHALL YE REAP."

We have large and complete stocks, ample and efficient help, enabling us to fill all orders promptly and fully.

Awaiting your orders, we are,

Yours very truly,

Grimm's (genuine, Pur. 99%, Ger. 96% I.00	.90	.85.00	Victory	.09	.08	6.50
CLOVERS						
Alsike (Swedish), Fancy	.65	59.00	Mexican or Pinto	.10	.09	8.00
Red—Medium, Fancy	.65	59.00	Mexican, White	.15	.12	10.00
Red—Mammoth, Fancy	.65	60.00	Navy	.15	.13	11.00
White Clover, Fancy	.70	65.00	Soja or Soy	.20	.18	15.00
Sweet Clover (white blossom), Hulled	.40	35.00	White Tepary	.12	.10	9.00
Sweet Clover (white blossom) un- hulled	.30	25.00	FIELD PEAS			
Sweet Clover (yellow blossom) hulled	.40	33.00	Canada Field, Fancy, White	.12	.10	9.00
Fancy	.20	16.00	San Luis Valley, Stock	.10	.08	7.00
Choice	.18	15.00	Whip-poor-will	.20	.18	15.00
TIMOTHY						
Fancy	.20	16.00	New Era	.20	.18	15.00
Choice	.18	15.00	Black Eye, Stock	.15	.14	13.00
GRASSES						
Kentucky Blue, Fancy, 21 lbs.	.40	32.50	CORN			
Canadian Blue	.30	25.00	Swadley	.10	.09	7.50
Evergreen Lawn Mixture	.40	32.50	White Australian	.10	.09	7.50
Meadow Fescue, Fancy	.45	40.00	Colorado Yellow Dent	.10	.09	7.50
Red Top, Hulled, Fancy	.30	25.00	Parson's White Dent	.10	.09	8.00
Red Top, Unhulled	.30	25.00	Improved Learning	.10	.09	7.50
Orchard Grass, Fancy	.35	32.00	Pride of the North	.10	.09	7.50
Sudan Grass	.30	25.00	Minnesota No. 13	.10	.09	7.50
Johnson Grass	.40	30.00	King of the Earliest	.10	.09	7.50
Bermuda Grass	.85	75.00	Calico	.10	.09	8.00
Bromus Inermus, Fancy	.40	35.00	Bloody Butcher	.10	.09	8.00
Perennial Rye, Fancy	.25	20.00	Red Cob Ensilage	.10	.09	7.50
Italian Rye	.25	20.00	Eureka Ensilage	.15	.12	10.00
FIELD SEEDS						
Amber Cane, Black, Recleaned	.08	5.00	Iowa Silver Mine	.10	.09	7.50
Orange Cane	.08	6.00	Iowa Gold Mine	.10	.09	7.50
Seeded Ribbon Cane for Syrup	.20	15.00	Squaw	.12	.10	9.00
Sumac Cane for Molasses	.20	15.00	Pop Corn, Rice	.20	.15	10.00
			Pop Corn, Golden Queen	.20	.16	12.50
			Pop Corn, Spanish	.20	.15	12.50



DANISH ROUND HEAD HOLLANDER CABBAGES

The above are actual photographs taken from the three different types of Danish Round Head Cabbages grown on The Burton Seed and Vegetable Farm from seed of our Specially Selected Danish Seed.

size. The inner leaves blanch almost white, are sweet flavored, crisp and tender. It is less liable to blight, and makes vigorous growth, even in hot weather. We grow it as a second early crop, as we can secure a heavier tonnage and better quality than from any other cabbage, as it is hardier, and troubled less by insects than other varieties. When planted in April it is ready to harvest in August. We do not recommend setting this after June 20th, as it seldom heads up solidly when set after that date. From May 20th to June 10th is the best time for setting for late use or winter storage. For the best quality, best yielding, best keeping, best shipping, best selling cabbage, grow Burton's selected strain of Danish Round Head. Postpaid: Pkt., 5c; oz., 40c; 1/4-lb., \$1.50; 1/2-lb., \$2.75; lb., \$5.00.

Danish Ball Head or Tall

Stemmed Hollander Direct from Denmark, Burton's genuine Denmark Grown Danish Ball Head Cabbage is without a superior as a heavy, solid, long-keeping variety. It is the best shipping cabbage grown; has very few outer leaves, which admits of close planting. It is medium size, fine grain,

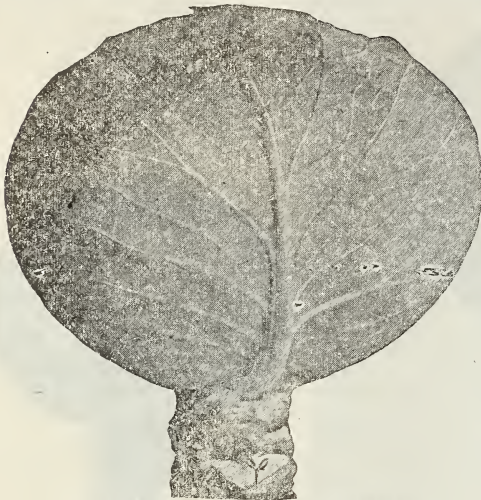
crisp and tender, with but little waste. It grows well on all soils, is particularly adapted to wet, heavy soil, as it is less liable to blight, rot and black heart on such soil than the short stemmed varieties. In popularity it is next to BURTON'S SELECTED STRAIN OF DANISH ROUND HEAD. Postpaid: Pkt., 5c; oz., 40c; 1/4-lb., \$1.50; 1/2-lb., \$2.75; lb., \$5.00.

Danish Round Head or Middle Stemmed Hollander

The Danish Round Head, Middle Stem, is a cross between the Danish Round Head, short stem, and the Danish Ball Head, long stem, being more nearly the shape and size of the short stem. For several years we have had calls for this cabbage, and are more than pleased to be able to supply it this season. It is much more easily cultivated and harvested than the short stem, and does not have the ungainly long stalk that often appears on the long stem. It is a few days later than the short stem, and yields about the same tonnage. Our seed of middle stem was grown in Denmark by the same specialist who grows our short and tall stem varieties. Postpaid: Pkt., 5c; oz., 40c; 1/4-lb., \$1.50; 1/2-lb., \$2.75; lb., \$5.00.

The Sketches Below Show Comparative Sizes and Shapes of the Principal Cabbages Grown Here.





Green Hollander (Short Stemmed)

Green Hollander (Short Stemmed)

This strain of cabbage was originated by an expert cabbage grower of Rochester, N. Y. (The largest cabbage growing district in America.) By selecting from the old strain of Short Stemmed Hollander cabbage, the greenest, most perfect short stemmed heads, and by carefully selecting and growing these for a number of years, he developed a strain of greener cabbage than the older types. This type is known as "Green Hollander," Short Stemmed Cabbage, and in some sections is preferred to other types. It has been grown in the West for several years with good results, but is not as hardy, and does not grow as true to type, or yield as heavily as our famous Danish Round Head. Green Hollander has become so well established that European growers are now growing the seed. Our seed was grown by a Danish cabbage seed specialist in Denmark, from seed from the originator, and you can depend upon it being genuine. If you want an extra green cabbage, try our Green Hollander. Postpaid: Pkt., 5c; oz., 40c; 1/4-lb., \$1.50; 1/2-lb., \$2.75; lb., \$5.00.



Copenhagen Market

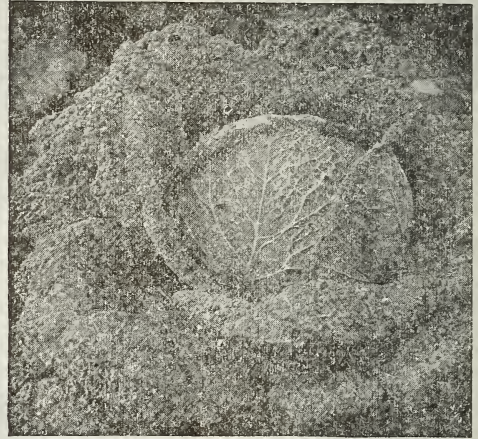
Copenhagen Market

A new early variety, producing large, round heads very early in the season, about as early as Jersey Wakefield. It is short stemmed, producing heads almost on the ground; leaves light green, medium size, and always tightly folded over the head. The plants, therefore, may be set closer together than most other early varieties. This new large round head extra early cabbage was originated in Denmark by an old cabbage specialist, where nearly all of our best varieties of cabbage originated. It has become a great favorite

with market gardeners wherever grown, as it combines earliness, hardiness, size, shape, quality, and even maturity. All of which are ideal qualities for the market gardener or those wanting a large extra early variety. The heads mature so evenly that it can nearly all be harvested at one cutting. We can recommend Copenhagen Market as one of the best early varieties for medium to light soils, but on rich, heavy soils it grows so large that shippers will not buy it when smaller, more compact stock is obtainable. Postpaid: Pkt., 5c; oz., 45c; 1/4-lb., \$1.75; 1/2-lb., \$3.25; lb., \$6.00.

European Market

Same as Copenhagen Market. Sub-named to appear as special strain.



Drumhead Savoy

Drumhead Savoy

A large and firm variety of very fine quality; leaves very much crinkled. One of the very best of the Savoy type. The flavor is very much improved by a light frost. Postpaid: Pkt., 5c; oz., 35c; 1/4-lb., \$1.25; 1/2-lb., \$2.25; lb., \$4.00.

Early Jersey Wakefield

This is the earliest of all the early cabbages, and the variety most largely grown for extra early marketing. Its exceeding hardiness, not only to resist cold, but other unfavorable conditions, make it the surest and best variety for extra early planting. It is conical in shape, good size, sure header, with but few outside leaves. The favorite early cabbage with market gardeners. Postpaid: Pkt., 5c; 39c; 1/4-lb., 90c; 1/2-lb., \$1.75; lb., \$3.00.

Early Spring

An extra early flat heading variety, which has become popular on account of its earliness. The heads are very solid and shapely, and as it makes quickly may be marketed very early, enabling the grower to realize fancy prices. The quality is excellent, tender and of fine flavor. Postpaid: Pkt., 5c; oz., 30c; 1/4-lb., 90c; 1/2-lb., \$1.75; lb., \$3.00.

Early Summer

This is a very popular variety with market gardeners throughout the country. It forms large, solid round, flattened heads of excellent quality, tender and sweet. The heads average double the size of the Jersey Wakefield, and matures only ten or twelve days later. Postpaid: Pkt., 5c; oz., 39c; 1/4-lb., 90c; 1/2-lb., \$1.75; lb., \$3.00.

Henderson's Succession

A splendid sort, no matter whether grown for medium early, midsummer or late crop. The heads are large, hard, solid, and of fine quality. A fine variety for summer or winter use. One of the surest varieties to make a crop under all conditions, and does well in all seasons, no matter when planted. Postpaid: Pkt., 5c; oz., 30c; 1/4-lb., 90c; 1/2-lb., \$1.75; lb., \$3.00.

Early Dwarf Flat Dutch

This is a second early variety, producing large, solid, round heads, flattened on top, tender and fine grained. Highly valued for its quality and ability to resist heat. Postpaid: Pkt., 5c; oz., 30c; 1/4-lb., 90c; 1/2-lb., \$1.75; lb., \$3.00.

ORDER SHEET FOR "BURTON'S QUALITY SEEDS"

THE BURTON SEED COMPANY
15th and Market Sts., Denver, Colorado

Gentlemen: Date.....1920
Please send us the following Seeds by.....
State on this line if wanted by Mail, Express or Freight.

NAME (Mr., Miss or Mrs.)

POSTOFFICE

ST. NO. or R. F. D.....STATE.....

EXPRESS OR FREIGHT OFFICE.....

NOTICE—Be sure and keep a copy of this order for your reference and for use in checking the shipment of seeds you will receive from us. No matter how often you write us, always be careful to give full name and P. O. address, writing name **VERY PLAINLY**.

THE BURTON SEED CO. give no warranty, expressed or implied, as to description, growth, quality, productiveness, or any other matter of any seeds, bulbs, plants or trees they send out, and will be in no way responsible for the crop. If the purchaser does not accept seeds on these terms, they are at once to be returned in the original unbroken package, when the purchase price paid for same will be refunded.

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The Burton Seed Co.

Plant



They Grow

15th and Market Streets,

DENVER,

COLO.

Large Late Drumhead A favorite winter cabbage; recommended for its fine large, deep, solid, heavy and long-keeping heads. Has few outer leaves. Especially good for winter storage or shipping long distance. **Postpaid: Pkt., 5c; oz., 30c; 1/4-lb., 90c; 1/2-lb., \$1.75; lb., \$3.00.**

Surehead Heads are large, round, flattened, uniform, very hard, firm and sweet, and average from 10 to 15 pounds each. Certain to head; a good shipper and a fine keeper. **Postpaid: Pkt., 5c; oz., 30c; 1/4-lb., 90c; 1/2-lb., \$1.75; lb., \$3.00.**

Premium Late Flat Dutch Of the flat head varieties, this large heading sort is the most popular. No other cabbage of this class is so universally planted. It is a low-growing variety, heads large, bluish green, round, solid, broad and flat on top. A sure header and a good keeper. Most popular cabbage for kraut purposes. **Postpaid: Pkt., 5c; oz., 30c; 1/4-lb., 90c; 1/2-lb., \$1.75; lb., \$3.00.**

Large Red Drumhead THE NEW RED DANISH ROUND HEAD. This new red cabbage originated in Denmark, and is considered one of the best strains introduced. Plants are strong and compact in growth, producing dark red, round solid heads of large size, equally as hard and handsome in appearance as our famous Danish Ball Head. The red color extends to the center of each head, making it a valuable sort for home garden market or pickling. Best imported Danish grown seeds. **Postpaid: Pkt., 5c; oz., 35c; 1/4-lb., \$1.00; 1/2-lb., \$1.85; lb., \$3.50.**

Mammoth Red Rock Heads large, deep red to the center; highly recommended; hard as a rock. **Postpaid: Pkt., 5c; oz., 40c; 1/4-lb., \$1.25; 1/2-lb., \$2.25; lb., \$4.00.**

Charleston Wakefield A strain in which the plant is larger and a little later than the Early Jersey Wakefield, the head being fully as solid, but less pointed, and considerably larger. **Postpaid: Pkt., 5c; oz., 30c; 1/4-lb., 90c; 1/2-lb., \$1.75; lb., \$3.00.**



Celery Cabbage

tion in the East, where it has been grown for several years past. Celery Cabbage may be cut while young and used as greens, or like lettuce, used as a salad, but the most popular method is to tie the leaves as you do endive and cauliflower, blanch the inner leaves, and serve as you do celery. In this way it is most delicious and appetizing. It is very hardy, and a strong grower, resembling in appearance Cos Lettuce. It is easily grown; may be sown in the open and cultivated as lettuce, or plants may be grown in hot beds and transplanted as cabbage. It should not be grown as thick as lettuce, as it grows larger than celery. Every gardener should, by all means, try this new vegetable. It is both appetizing and attractive, and we predict success for it. **Postpaid: Pkt., 5c; 1/2-oz, 15c; oz., 25c; 1/4-lb., 90c; 1/2-lb., \$1.50.**

Brussels Sprouts

A species of the Cabbage family, which produces miniature heads from the sides of the stalks. These heads are a great delicacy, boiled in the same way as cauliflower. The seed should be sown about the middle of May in seed beds. Ready for use in the autumn after the early frost.

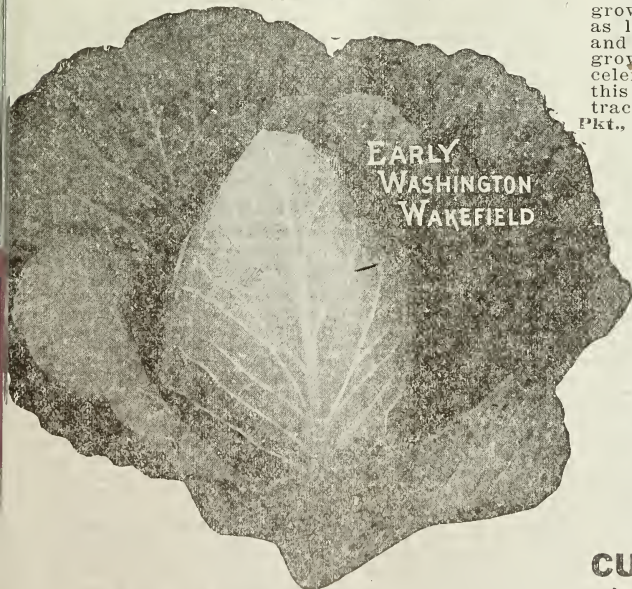
Brussels Sprouts are highly valued in all European countries, but are not generally known here. Thousands of native Americans have never tried them, and do not know what palatable and nutritious vegetables they are. They should be in every garden.

Improved Dwarf The most useful variety. Plants grow 1 1/2 to 3 feet high, very hardy, and giving compact, round sprouts of large size and good quality. **Postpaid: Pkt., 5c; oz., 40c; 1/4-lb., \$1.50; lb., \$5.**

Collards

CULTURE Collards are a species of the Cabbage family. The plant produces a large mass of leaves on the top of a stout stalk. It bears all through the winter, and is used largely throughout the South for cabbage greens. Leaves are green tinged with purple. Seed should be sown in greenhouses or hot beds in the early spring, and the young plants transplanted to the open later in the season, setting the plants 14 to 16 inches apart.

True Georgia Grows about 4 feet high and forms a very large, loose head. **Postpaid: Pkt., 5c; oz., 20c; 1/4-lb., 60c; lb., \$2.00.**



Charleston Wakefield

CELERY CABBAGE or CELERY LETTUCE

This novelty is a combination of celery, lettuce and cabbage, and is called Celery Cabbage; although it should be called Celery Lettuce, as it resembles and tastes more like lettuce than cabbage. This new novelty has created quite a sensa-



Field of Carrot Seed on the Burton Seed Farm

CARROTS

One ounce of seed will plant 100 feet of drill, three to four pounds an acre.

CULTURE

Like other root crops it flourishes best in a well enriched sandy loam deeply tilled, and if plowed the fall before so much the better. For early carrots sow as early in the spring as you can after the ground thaws out. Later plantings can be made up to June 1st and a good crop produced. For the Home Garden, and where all cultivation is to be by hand, sow in rows about 12 inches apart and from 15 to 20 seed to the foot, and when up thin to about 12 plants to the foot. The thicker they are on the ground the smaller the carrot will be

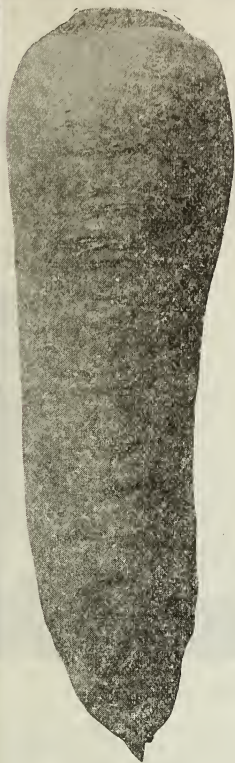
and later maturing. For Field planting, where cultivation is to be by horse power, we recommend making the rows 12 and 20 inches apart. The horse can easily walk in the 20-inch row, and it can also be used for the irrigating ditch in case irrigation is used. Carrots are deep rooted, and require very little water when irrigated. If too much water is used and the ground kept too wet any length of time they will crack open and rot. We seldom water our carrots over once or twice in a season, and that only before the roots are large enough to crack open.

Carrots are not appreciated as they should be. Their table qualities are excellent, and as they become better known are used more largely. As a food for stock they are the best of the root crops. The larger varieties produce enormous crops and are relished by all kinds of stock. We are perhaps the largest growers of Carrots in the West—growing a good acreage of them each season. When the price is good we sell them—when they are cheap we feed them. We invariably get better returns for them when fed to stock. We fed hundreds of sheep on our surplus last winter and secured good returns for them when we could not sell them at all. We found our sheep did better on Carrots than on Corn, and when the stockmen thoroughly understand and appreciate the carrot, as they should, they will be grown more largely, as they will yield from 12 to 25 tons per acre with very little trouble and expense. They are good for the horse, the cow, the sheep, the hog, and even the fowls. Wake up, Mr. Farmer, and if you are not growing carrots for your stock, try them this season. You will find them the cheapest, best stock food you can grow.

The Early Carentan is the earliest of the Carrots, and the variety most used for forcing in hot beds. Early Scarlet Horn, Coreless and Nante's Half Long are all early stump rooted varieties, but not as prolific as some of the larger, later varieties. Danvers Half Long is the favorite main crop variety, and at the same time the largest yielder of the table varieties. It is stump rooted and easily harvested. The Chantenay is very similar in shape and size to the Danver Half Long, but is a little more tapering at point of root, is very productive and a very fine Carrot. The Oxheart or Guerande is much thicker and shorter than the Danver's or Chantenay. It is especially adapted to heavy soils, as it is short and can be easily harvested. It is the sweetest, best flavored of any of the Carrots. In feeding them we find when fed with other Carrots, the stock invariably eat the Oxheart first. The Improved Orange is a very popular variety. In shape it is like a parsnip, and grows deep in the ground like the parsnip. It is a very heavy yielder, and is grown largely for stock feeding. The White and Yellow Belgian are the same, only in color. They are both grown exclusively for stock feeding. They grow from 12 to 14 inches in length, large size and about one-third out of the ground, resembling the Mangel Wurtzel in growth and appearance, often yielding from 30 to 40 tons per acre, and are of high feeding value.

Danver's Half Long The best for general crop. Will yield most per acre, and most profitable for market gardeners. It is grown largely everywhere on account of its great productiveness and adaptability to all classes of soil. Tops medium size, roots deep or-

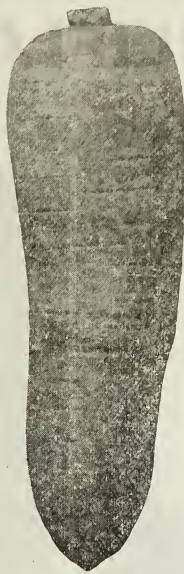
ange, tapering uniformly to a blunt point, stump rooted, smooth and handsome; flesh sweet, crisp and tender. Altho of medium length, it gives the largest yield of any carrot. It is second to none. Postpaid: Pkt., 5c; oz., 15c; ¼-lb., 35c; ½-lb., 65c; 1b., \$1.25.



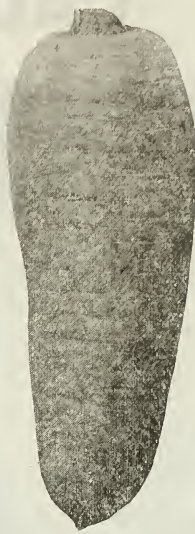
Yellow Belgian



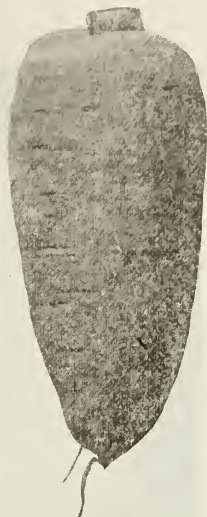
Long Orange



**Danver's
Half Long**



Chantenay



Oxheart

Coreless A fine, half-long, early carrot; medium sized, even shaped and very productive. Blunt Base and small tap root. The flesh is a rich orange red, finely grained and very free from the woody yellow heart or core usually found in most red-fleshed carrots. **Postpaid: Pkt., 5c; oz., 15c; 1/4-lb., 35c; 1/2-lb., 65c; lb., \$1.25.**

Nante's Half Long Is one of the finest in quality and handsomest in shape of the medium sized sorts; sweet, fine flavored, almost without a core, very fine grained. Excellent for home and market garden and bunching purposes. **Postpaid: Pkt., 5c; oz., 15c; 1/4-lb., 35c; 1/2-lb., 65c; lb., \$1.25.**

Chantenay Very productive, medium early, and of excellent quality. Tops medium size, neck small, roots thick, 5 1/2 to 6 inches in length, uniformly half long, but stumpy rooted, and tapering slightly; smooth deep orange red in color. Flesh very crisp and tender. One of the best in quality for the market and home garden. Its great productiveness and ease with which it can be harvested make it very desirable as a field sort. **Postpaid: Pkt., 5c; oz., 15c; 1/4-lb., 35c; 1/2-lb., 65c; lb., \$1.25.**

Oxheart or Guerande This fine and very popular carrot is intermediate as to length between the half-long varieties (such as Danver's and the Scarlet Horn carrots), but is much thicker than the latter, being at the top from 4 to 5 inches in diameter. Flesh bright orange, fine grained and sweet. It is very fine quality for table use, and equally good for stock. Stock are particularly fond of Oxheart Carrots, as when fed with other carrots they always eat the Oxheart first. Where other sorts require digging, Oxheart can be easily pulled, making it a particularly desirable sort for soils so stiff and hard that other sorts do not grow well. **Postpaid: Pkt., 5c; oz., 15c; 1/4-lb., 35c; 1/2-lb., 65c; lb., \$1.25.**

Improved Long Orange The Standard late variety; very handsome and uniform in shape. Roots are deep orange colored, good flavor, yields very heavily. Requires a deep soil. The roots are smooth, fine grained and very large, often growing 12 inches in length. **Postpaid: Pkt., 5c; oz., 15c; 1/4-lb., 35c; 1/2-lb., 65c; lb., \$1.25.**

Early Carentan The earliest variety of all. Especially adapted for forcing in hot beds and cold frames. The tops of this early forcing carrot are very small, and seed may be sown thicker than other varieties. The roots are of medium size, slender, with remarkably small neck; handsome deep orange color and coreless. They are usually 4 1/2 to 5 inches long, but often grow considerably longer. **Postpaid: Pkt., 5c; oz., 15c; 1/4-lb., 35c; 1/2-lb., 65c; lb., \$1.25.**

Early Scarlet Horn One of the most popular varieties grown. Color deep orange; flesh fine grained and of excellent flavor; tops small; has a short, stumpy-shaped root. Grows well in shallow soil. One of the best for early outdoor planting and for table use. **Postpaid: Pkt., 5c; oz., 15c; 1/4-lb., 35c; 1/2-lb., 65c; lb., \$1.25.**

White Belgian Grows one-third out of the ground; root white, green above ground, with small top. It grows to a large size, making a very heavy yield. Grown exclusively for stock feeding. **Postpaid: Pkt., 5c; oz., 10c; 1/4-lb., 25c; 1/2-lb., 40c; lb., 75c.**

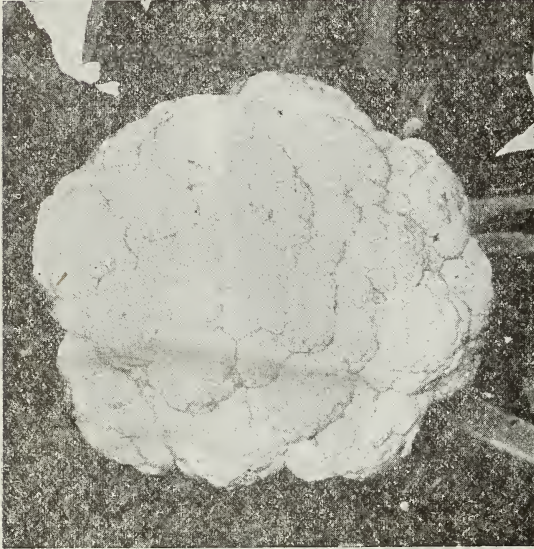
Yellow Belgian Same as White Belgian except color is yellow. **Postpaid: Pkt., 5c; oz., 10c; 1/4-lb., 25c; 1/2-lb., 40c; lb., 75c.**

Bird Seed

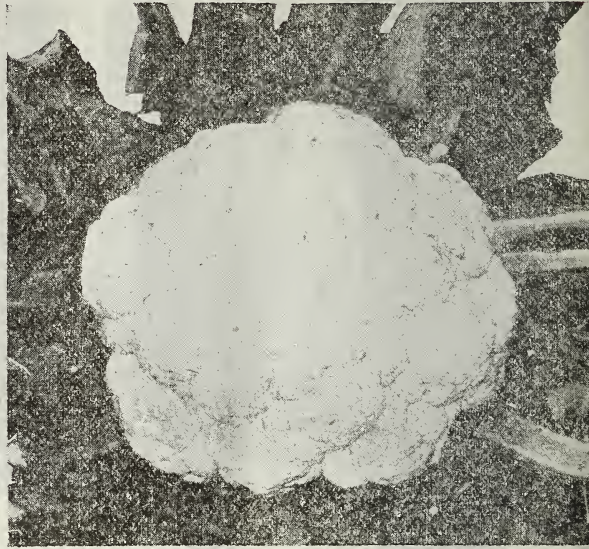
- Recleaned Canary Seed.....30c per lb.
- Recleaned Hemp Seed.....30c per lb.
- Recleaned Bird Rape.....30c per lb.
- Recleaned Mixed Seed.....30c per lb.
- Mammoth Russian Sunflower.....30c per lb.

If ordered sent by Parcel Post add 5c per pound for postage.

CAULIFLOWER



Early Snowball



Henderson's Strain of Snowball

CULTURE Cauliflower can be grown in the Mountains and cool climate districts from early spring to late fall on rich, cool, moist soil, to which it is especially adapted. For early planting sow the seeds in hot beds during January and February, the same as early cabbage plants are grown. For late plantings, seed may be sown out in the open ground. Cauliflower is particularly a cool weather plant, and it is useless to plant it to mature in hot weather, as the heat will cause it to button or sprangle out before heading. Seed sown in January or February in hot beds should be ready for setting in the field the latter part of March or first of April, and be ready for harvesting in June before the hot weather. The late crop should be sown in the open ground about May 1st and set in the field from the middle of June to July 1st, and be ready for harvest during September and October, about the time we begin having cool weather.

Cauliflower is very sensitive and extreme care is necessary in growing the plant, else you may lose your crop and not know the cause. Be careful that your hot beds are not kept too warm and

your plants grow tall and spindling. Such plants are worthless, and invariably shoot and sprangle out without heading. A good stocky plant from 4 to 6 inches tall is best. We have set smaller plants with good results. We prefer them smaller rather than larger. Cauliflower is a rank grower, and requires more space than cabbage. We set our plants in rows $2\frac{1}{2}$ feet apart and 18 inches apart in the rows; setting our early plants about the first of April and our late plants the latter part of June. After plants are set in the field cultivate same as cabbage, the more often and thorough the cultivation the better the crop will be. Cauliflower requires a good deal of water, especially when heading. The plants should be kept constantly growing, as the crop may be injured if the growth is checked any time before maturity. When it begins to head, watch the stalks closely and when the head develops to about the size of a silver dollar draw the leaves over the head and tie them together to protect the head from the sun and light and make it white and solid. It matures very rapidly after it begins to head, and is usually ready to cut in 6 to 8 days after being tied.

Cauliflower is particularly a cool weather crop. Our cool nights and irrigating system are ideal for its growth, and enables us to produce a fine quality of flowers at a season of the year when it is too hot to produce it in other sections of the country. The Southern and Eastern demand for Colorado grown cauliflower has increased so rapidly in the past few years that it is now one of the most, if not the most, profitable vegetable crops our gardeners grow. From small express shipments a few years ago, the demand has increased until now we are shipping hundreds of cars annually. When our growers more thoroughly understand the characteristics of the plant, the best varieties to grow, the best methods of culture and the proper way to prepare and pack it for shipment so it will carry in good condition to the various market centers of the country—we predict our shipments will soon equal, if not surpass, that of celery from this territory, as no state in the Union has yet produced cauliflower equal to that grown in Colorado and the Rocky Mountain Districts. We are the largest growers and shippers of cauliflower between New York and California, and if there is one vegetable that we are more interested in and like better than another, it is cauliflower. We like to grow it, we like to ship it, and we like to eat it. And what we here say about cauliflower is from actual experience and not from books or hearsay. Cauliflower is an interesting crop to grow. When properly understood and handled it is an easy and comparatively inexpensive and profitable crop to grow. It requires close attention at the proper time; to let it get too dry or go too long without tying will greatly injure or perhaps totally destroy the crop in a few days. To those contemplating growing, will say unless you are situated so you can give it attention at the proper time, don't attempt to grow it, as it will be a waste of time and energy. On another page we show one of our Cradle crates packed ready for shipment, except we have left the top off to show just how it is packed. This is the most popular crate for shipping it—contains 12 heads of cauliflower packed four heads in a row, the first row is packed in the center of the crate, with the heads down, and the other two rows with the heads up. By using this crate there is no danger of the flowers heading or bruising during shipping, and as it contains only 12 heads any dealer, even the

smallest grocer, can use at least a crate at a time, relieving the dealer from having to break crates to accommodate their customers, and when once broken the buyer will insist on selecting only the best heads, leaving the poorer ones to be sold at a loss.

The growing of cauliflower seed requires more care and is subject to more failures than that of any other vegetable, and on that account is the highest priced of any vegetable seed grown. We do not handle American grown Cauliflower Seed, as conditions in America do not seem conducive to the proper production of it. We have our Seed grown for us under contract in Denmark by the Cauliflower specialist who propagated and introduced Henderson's Famous Snowball and our Self-Protecting Snowball, the two most famous and best strains on the market today. Therefore, the seeds we are offering are the purest and best that have yet been introduced, and the same that we plant on our Seed and Vegetable Farm, where we grow carloads of it annually. If you want the best seeds of the best strains of cauliflower yet introduced, something true to name, type and description, and something you can depend upon, send us your order and you will get it.

THE EARLY SNOWBALL and DWARF ERFURT are practically the same. The seeds are grown by different growers, one calling his the Early Snowball and the others the Dwarf Erfurt. Were you to plant the two side by side you could not distinguish any difference. **HENDERSON'S STRAIN OF SNOWBALL** is an improved strain of the Early Snowball and Erfurt, and is the earliest, surest, and, we believe, heaviest yielder of any strain on the market today, and the one we would recommend for early planting. **THE IMPROVED SELF-PROTECTING SNOWBALL** is a cross between Henderson's strain of Snowball and Danish Dry Weather, combining the good qualities of both. The

heads are large, white, compact, like the Henderson strain. The foliage is heavier, leaves longer, growing in a whorl over the head, protecting it from the sun and light bleaching it without tying as is necessary with the other strains, and is a little longer maturing. This is decidedly the best strain for late planting. The Danish Dry Weather is a late, vigorous variety, growing very large, solid heads, and is very popular in certain localities. The Danish Perfection is a new extra early strain, resembling our Improved Self-Protecting Snowball, in heavy foliage and self-protecting qualities. It is also noted for unusual evenness in heading, enabling the grower to cut most of the crop at the first cutting.

Snowball (Henderson's Strain)

This superior strain of cauliflower seed is grown for us by a Danish cauliflower specialist of Denmark, who grows for Peter Henderson & Co. Henderson's famous strain of Snowball cauliflower seed. We have sold the seed of this special strain for seven years, and have received only praise and commendation from its users, who claim it grows the finest, whitest, most compact and perfect flower they ever saw produced from any strain or variety of cauliflower. This strain is so well known to gardeners that it is almost a waste of time to attempt to describe it. Its superiority lies in its close growing, compact habits, causing it to invariably form a perfect, solid, white head, under conditions where other strains would fail. It is not only the very best early variety grown, but its heat-resisting qualities and sureness to head have made it a very popular variety for late planting. If you have ever grown this special strain you will want to grow it again, and we feel more than fortunate in being able to supply you with exactly the same strain and quality of seed you would receive from Henderson, were you to order from him. If the seed you have been planting has not been entirely satisfactory, give us an order for some of this superb strain. You will be more than satisfied with results. A trial will make you a permanent customer. **Postpaid: Pkt., 25c; 1/4-oz., \$1.00; oz., \$3.00; 1/4-lb., \$11.00; 1/2-lb., \$21.00; 1-lb., \$40.00.**

Early Snowball This type seems especially adapted to our climate and soil. Suitable for either early or late planting. Under favorable conditions nearly every plant will make a fine, solid head of good size. The seed we are offering of this variety was imported by us direct from Denmark. We have grown this variety on our farm for several years, often harvesting 25,000 pounds per acre of exceptionally fine stock. **Postpaid: Pkt., 25c; 1/4-oz., \$1.00; oz., \$3.00; 1/4-lb., \$11.00; 1/2-lb., \$21.00; 1-lb., \$40.00.**

Improved Self-Protecting Snowball

This is the most improved and best type of cauliflower on the market today. It was introduced by the same cauliflower specialist who originated and grows Henderson's famous strain of Snowball. The originator claims this strain possesses all the good qualities of Henderson's strain, and in addition thereto has a heavier foliage, longer leaves, that stand up perfectly straight, and so close together and so crowded that the inner leaves are unable to grow out,



Improved Self-Protecting Snowball

An actual reproduction of a stalk of Self-Protecting Snowball Cauliflower grown on the Burton Seed Farm. Note the heavy foliage and how the inner leaves protect the head.

HAVE YOU REALIZED that it is as difficult to buy good stock as it is to sell same? Are you one of those "Bargain Hunters" who only look at low prices? Remember that "The Sweetness of Low Prices Never Equals the Bitterness of Poor Quality."

thereby forcing them to grow in a whorl over the head, covering it in a natural way, shutting out the sun and light, making it self-protecting (or self-bleaching). This strain we have called Self-Protecting Snowball, as that is really what it is. It is simply Henderson's strain improved, so that it protects itself naturally, which is quite an object in saving to the grower. We grow this strain exclusively on our vegetable farm for our late cauliflower. We have found this strain suitable for early or late planting, of very hardy, robust growth, a sure header, forming large, white, compact heads that could not be distinguished from its parent stock—Henderson's Snowball. We consider this the best and most perfect cauliflower on the market today and, being self-protecting, is decidedly the best and least expensive to harvest. We can cheerfully recommend it to those wanting the best that has yet been produced. **Postpaid: Pkt., 25c; ¼-oz., \$1.00; oz., \$3.00; ¼-lb., \$11.00; ½-lb., \$21.00; lb., \$40.00.**

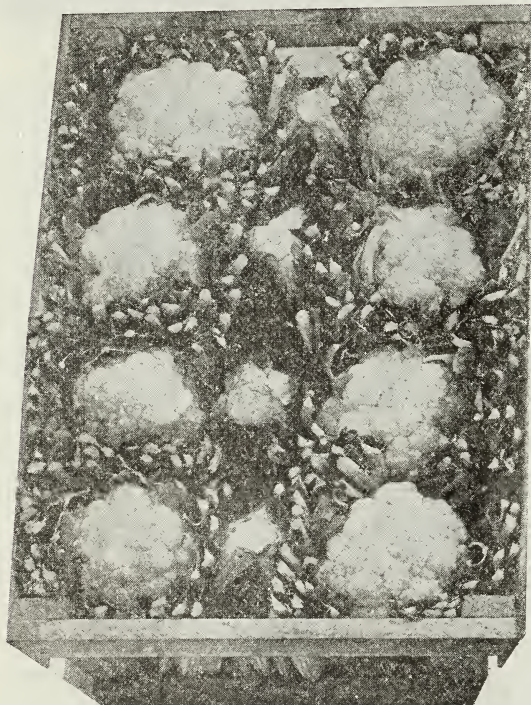
Dwarf Erfurt An early market variety; very productive, with large, white, compact heads of good quality. Some prefer it to early Snowball, as it is remarkable for its reliability in heading. **Postpaid: Pkt., 25c; ¼-oz., \$1.00; oz., \$3.00; ¼-lb., \$11.00; ½-lb., \$21.00; lb., \$40.00.**

Danish Dry Weather This is a fine, large, heavy variety that matures later than the Snowball or Erfurt. It is especially adapted for growing in dry localities on account of its large leaves, which furnish a great protection for the heads. The ideal variety for the dry farmer or parties having scarcity of water. **Postpaid: Pkt., 25c; ¼-oz., \$1.00; \$3.00; ¼-lb., \$11.00; ½-lb., \$21.00; lb., \$40.00.**



Danish Perfection

Danish Perfection This new strain was introduced about 5 years ago by a cauliflower specialist of Denmark. It possesses all the good qualities of the best Early Snowball strains. The leaves are longer than the Snowball varieties, and enfold closely over the heads, giving a particularly attractive appearance when displayed for sale. The inner leaves almost cover the snow white heads, bleaching them nicely, thus avoiding the necessity of early tying up the leaves, as is necessary with the other early sorts. Another noted trait of distinction is its uniformity in maturing, enabling the grower to harvest practically all of the crop at one cutting. The heads are large, white, solid and extremely early, being the earliest of the Snowball types; and is recommended for early planting and marketing. During the past 3 or 4 years we have had numerous calls for this strain, but refrained from featuring it until we could try it out on our farm. We have grown it for two years now and find it possesses all the good qualities claimed for it by the originator. It is very similar to our Improved Snowball, possibly a little earlier in maturing, and we can recommend it to those wanting an extra early, hardy, heavy yielding sort. **Postpaid: Pkt., 25c; ¼-oz., \$1.00; oz., \$3.00; ¼-lb., \$11.00; ½-lb., \$21.00; lb., \$40.00.**



A View of Our Cradle Crate Packed

Cress

One ounce to 100 feet of row.

Fine Triple Curl A well known pungent salad. Can be used alone or with lettuce. Should be thickly sown at frequent intervals to keep up succession, as it soon runs to seed. **Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., \$1.00.**

Watercress Highly esteemed as a salad; also for garnishing purposes. Watercress grows best in a very moist soil, or on the edge of shallow running streams. Sow the seed thinly in shallow drills in moist ground. When well started, transplant the young plants to the borders of the stream, or moist land, where it is to grow. The plants will spread rapidly and soon afford a good supply for cutting, and can be cut repeatedly thruout the season. **Postpaid: Pkt., 20c; ½-oz., 35c; oz., 60c; ¼-lb., \$2.00; lb., \$7.00.**

Corn Salad

Corn Salad This small salad is used during the winter and spring months as a substitute for lettuce. It is also cooked like spinach. Sow the seed on the approach of cool, moist weather in the fall to produce leaves for winter and early spring use. Mulch with straw to protect from cold. **Postpaid: Pkt., 5c; oz., 15c; ¼-lb., 60c; lb., \$2.25.**

Edwin Moore, Wheatland, Wyo.—I ordered some seeds and plants from you this season and was well pleased. Every plant and every seed started nicely, but I sold my farm during the summer and sold the crop, too, but I will have other farm lands and will still order some plants or seeds from you even if I should move from this locality. I will appreciate your catalog, as it is the best arranged seed book put out.



Harvesting Celery on the Burton Seed Farm

CELERY

One ounce of seed will produce 15,000 plants

For Celery Seed, Celery Plants and Celery Information We Are Headquarters

CULTURE Golden Self-Blanching seed should be sown in hot beds about March 1st, covering the seed very lightly. We have had splendid success by marking off the beds in rows with the tines of a pitchfork, sowing the seed in rows made by the tines, and instead of covering with dirt, wet an old gunnysack and spread it over the bed. Keep this sack damp until the seed sprouts begin to grow thru the sack; then remove the sack, at the same time smear a thin coat of mud over the glass to prevent the sun from burning the tender plants, removing this as soon as the plants are strong enough to stand the sun on them. Keep the seed bed moist, giving it plenty of air. Keep the tops of the plants sheared off, which will cause them to grow stockier with better roots. The plants should be ready for planting in the field by May 10th or 15th, and all should be out by June 15th. When ready for the field, set the plants in double rows 3 or 4 feet apart, and about 8 inches apart in the rows. Care should be taken to press the soil firmly around the roots of the plants. If the roots are very long they should be trimmed off to about 3 inches in length. This will facilitate

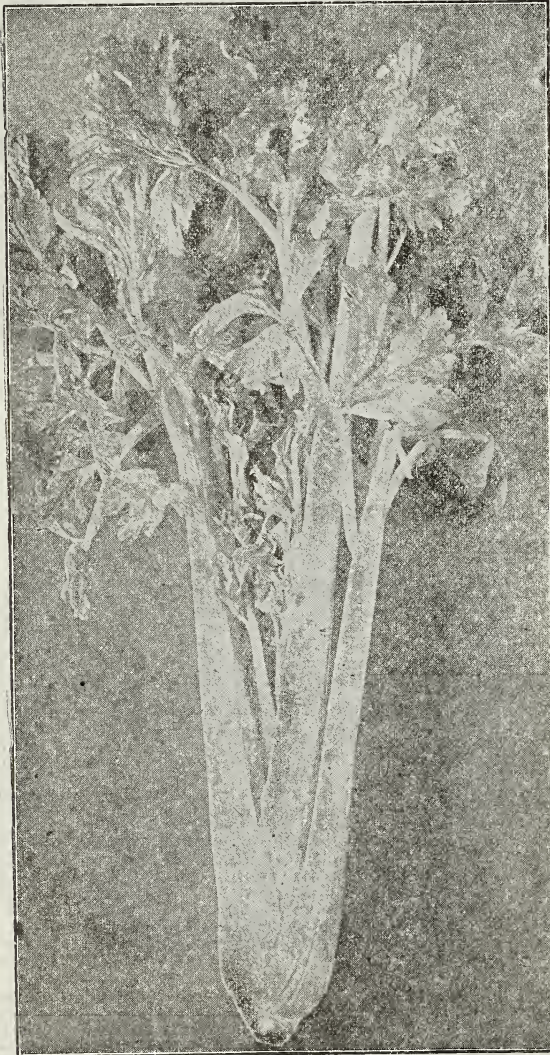
handling them, and cause the plants to be set in the ground in much better condition. Keep the soil well stirred between the rows and around the plants. A good rule is to plow or work the ground every time it is watered. Great care should be used in watering, or the ground will sour and cause the celery to blight or rust. Celery requires water often, but not a great deal at a time. It should be planted on ground with sufficient fall to permit the water running off quickly. When about ready to harvest, it may be blanched with either boards or dirt, boards being preferable in warm weather, and dirt in cool weather. When desired for winter use, it should not be bleached in the field, as it will bleach sufficiently in the cellar, or pit, after being put away.

Giant Pascal seed should be sown from the 1st to 15th of April in hot beds, same as the Golden Self-Blanching. Plants should be set in the field from June 10th to July 1st, in single rows, about 8 inches apart in the row, cultivating same as the Golden Self-Blanching. About October 10th, or before freezing, it should be trenched and protected from freezing, when it will bleach and be ready for winter use.

No vegetable has grown in demand and popularity so rapidly as has Colorado-grown Golden Self-Blanching Celery. It is one of the most profitable vegetables that our gardeners grow. A few years ago it was shipped only in mixed car lots; now there are hundreds of cars shipped annually. The Golden Self-Blanching and Giant Pascal are the principal varieties grown here. The Golden Self-Blanching is especially adapted for summer and fall, and the Giant Pascal for winter use. Golden Self-Blanching is most largely grown; seems especially adapted to our altitude, climate and soil, and comes in at a season of the year when other sections are out. Our proximity to the mountains, and cool nights, enable us to grow a superior quality of this variety. It stands shipping and storing well, hundreds of cars being shipped annually to Southern and Eastern markets, where it commands a premium over that grown in lower, warmer sections.

Giant Pascal is our best winter variety, it being grown exclusively for the local trade, as it is too tender and crisp to stand shipping any distance.

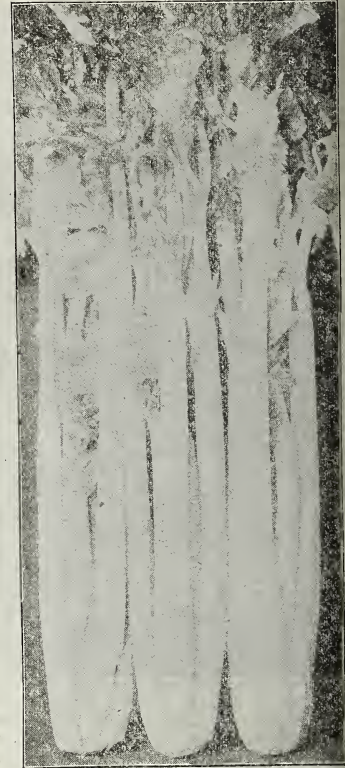
Golden Self-Blanching This variety should be planted for marketing during summer and early fall. It is by far the most profitable variety of celery for this locality, as it is self-blanching, and harvested before cold weather. There is no vegetable crop grown where the crop depends so much upon the quality of the seed. The best and only dependable seeds of this variety are grown in France. Several attempts have been made to grow them in California, with unsatisfactory results, as the plants either go to seed or become soft before maturing. Our seeds were grown in France by Vilmorin-Andrieux & Co., the world-famed celery specialists. The seeds come in their sealed packages, which itself is a guarantee of purity and excellence. We use these seeds exclusively on our farm, and know there are none better. Seeds of this variety are very scarce and high. **Postpaid: Pkt., 20c; 1/4-oz., 35c; oz., \$1.25; 1/4-lb., \$4.25; 1/2-lb., \$8.00; lb., \$15.00.**



Golden Self-Blanching

Giant Pascal

This is by far the best variety for late fall and winter. In fact, it is the only late variety that has succeeded here. Its crisp, delicious flavor has made it a favorite with the local trade. Every home gardener should grow enough for home use. Our seeds of this variety are French grown by Vilmorin - Andrieux & Co., the world famed celery specialists. **Postpaid: Pkt., 5c; oz., 30c; 1/4-lb., 75c; 1/2-lb., \$1.50; lb., \$2.50.**



Giant Pascal

A handsome, very early variety. Much in demand as a market sort on account of its attractive appearance, and requiring a very short time for blanching. This variety has met with but little success in the vicinity of Denver, but is quite popular in the vicinity of Pueblo, Canon City, Florence and the warmer climates. Seed from the same French specialists as the Golden Self-Blanching and Giant Pascal. **Postpaid: Pkt., 10c; oz., 35; 1/4-lb., \$1.10; 1/2-lb., \$2.00; lb., \$3.50.**

Celeriac or Turnip-Rooted Celery

This is the best celeriac for main crop, and is the most popular with growers. The roots are large, almost globe shaped, smooth, and with only a few roots at the bottom. The flavor and quality are excellent. After the roots have attained a diameter of 2 inches or over they are fit for use. To keep thru the winter, pack in damp earth or sand and put in the cellar, or leave out of doors, and cover with earth and straw like beets and carrots. Culture the same as celery. **Postpaid: Pkt., 5c; oz., 25c; 1/4-lb., 75c; lb., \$2.50.**

Chervil

Curled Greatly superior to the old plain variety, being earlier, more handsome and having fully as fine a fragrance and flavor. It is used for garnishing and flavoring dishes of meats and vegetables. **Postpaid: Pkt., 5c; oz., 10c; 1/4-lb., 30c; lb., \$1.00.**

Chives

A small, hardy, perennial plant, resembling the onion in appearance, and growing in clusters. They are grown for the young leaves, which are produced freely from early spring until late fall, and give a mild onion flavor to meats, salads and various dishes. The tops appear early in the spring and can be cut off close to the ground when needed. They can also be grown in pots in a sunny window during the winter. **By Parcel Post: Prepaid: Per bunch, sprouted, 25c each; 2 for 45c. By express at purchaser's expense: 20c each; per dozen, \$1.50.**

Every time you order seeds or write to us be sure and write your name, postoffice and state plainly. Hundreds of orders are delayed every year because the sender forgets to sign his name or give his postoffice address.

Chicory

One ounce of seed will sow 100 feet of row.

CULTURE Chicory is grown quite largely for the large, thick roots, which are dried, roasted and ground as a substitute or adulterant for coffee. The leaves are also much used as a salad during the early spring months. To secure large, smooth roots, the soil should be light, rich, and deeply worked, and the plants should be thinned out to 6 inches apart in the row.

Common This is the best variety for general use. The culture and demand, however, are limited. Postpaid: Pkt., 5c; 1/2-oz., 15c; oz., 25c; 1/4-lb., 80c; lb., \$3.00.

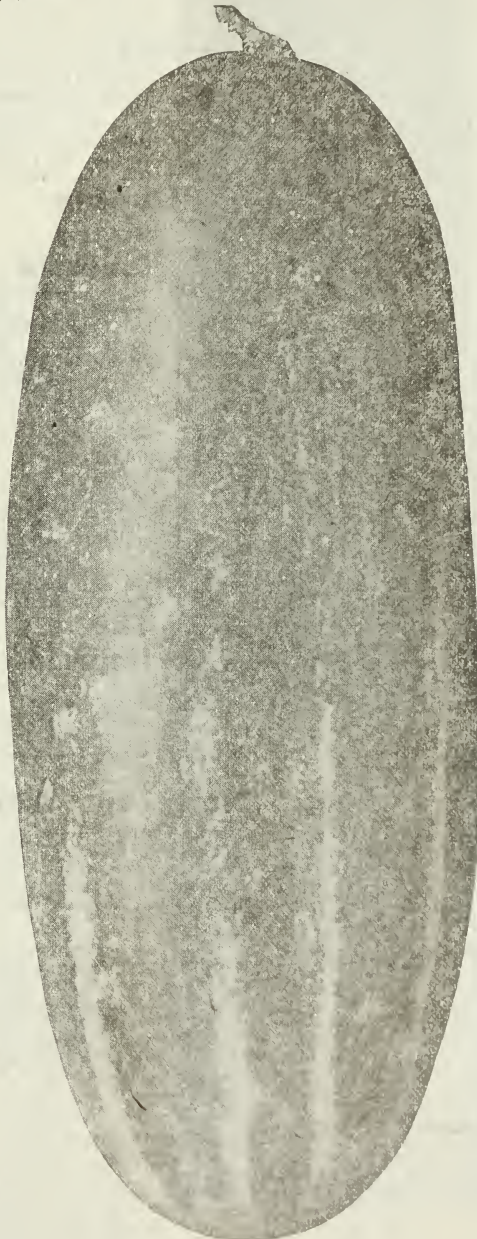


Witloof Chicory

Witloof Chicory ("French Endive")

This European delicacy has in the past few years become a standard winter salad in all of the best American hotels and restaurants. It is easy of cultivation, and should be grown by every gardener, amateur and professional. Sow in May and June in rows 12 to 14 inches apart. After they are well started, thin or transplant to 6 or 8 inches apart and treat as endive. Late in summer or fall it should be gradually banked like celery. Where the winters are severe the roots may be taken up in November; cut off tops to about 1 1/4 inches from neck and shorten lower ends to a uniform length of 8 to 10 inches. Prepare a trench 15 to 18 inches deep and place roots upright 1 1/4 inches apart, fill in level with good light soil. Any portion may be forced by covering with manure. In four or five weeks the heads should be ready for use. The blanched head is the edible portion, and is generally eaten raw as a salad. Postpaid: Pkt., 5c; 1/2-oz., 15c; oz., 25c; 1/4-lb., 80c; 1/2-lb., \$1.50; lb., \$2.75.

Davis' Perfect By using this variety, gardeners can produce out-of-doors cucumbers that will sell on the market for hot house forcing variety. The shape is ideal. It is almost spineless one-third of its length from the stem. Most important of all, it does not lose its dark, rich color when grown out of doors. It is hard to tell the difference between it and the hot house cucumber. Our seed of Davis' Perfect produce the finest cucumbers we ever saw grown anywhere, either hot house or outdoor, and command a premium on the market over any other variety grown here. Postpaid: Pkt., 5c; oz., 15c; 1/4-lb., 40c; lb., \$1.50.



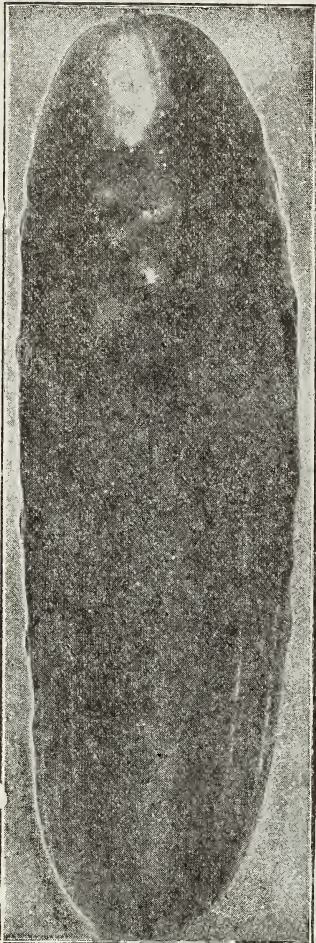
Davis' Perfect

CUCUMBERS

One ounce of seed will plant 50 hills, 2 pounds an acre.

CULTURE Cucumbers succeed best in warm, moist, rich, loamy soil. Plant as soon as danger from frost has passed, in hills about 4 feet apart each way. Prepare the hills by mixing a shovelful of well rotted manure with the soil. Plant the seed about 1 inch deep, 10 to 12 seeds to the hill. Do not allow any fruit to ripen, as that will cause them to stop bearing. When all danger of insect attack is over, thin to 3 or 4 plants to the hill.

This is one of the vegetables that can be grown to perfection by any one who can control a few yards of reasonably good soil that is fully exposed to the sun. Every family should be supplied from its own garden, since the fruit is so much better when gathered from the vines than in its more or less wilted condition, as when found on the market.



Fordhook Famous

name. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.25.

Extra Long Evergreen White Spine

A very fine strain, bearing long, green fruit, often measuring from 10 to 12 inches in length, smooth, round, and of fine quality. An excellent variety for either hot beds or outdoor planting. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.25.

Arlington White Spine

A productive white spine variety of average size, 7 to 8 inches in length, with broad, showy foliage. Habit of growth vigorous. Fruit long, slim and very dark green throughout the entire length, with only a very slight white marking at the blossom end. Flesh is crisp, white and solid, with very few seeds. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.25.

Klondike

A medium early, white spine cucumber of handsome and very attractive green color, and of excellent quality for pickling. Vines are very hardy and productive. The fruit when matured is about 8 inches long, and of uniform size and shape. The dark green color is retained much longer, and is affected less by the hot sun than any other sort. Its uniform size and shape and splendid color make this variety very popular as a shipping sort. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.25.

Fordhook Famous

A handsome, extra long white spine cucumber; produces a perfectly smooth, very dark green, straight fruit; often measures 12 to 14 inches long. They are always solid, flesh being a greenish white, firm and crisp, and of most delicious flavor. It is a good cropper. Fruit is full of flesh, but with few seeds. Postpaid: Pkt., 5c; oz., 15c; ¼-lb., 40c; lb., \$1.50.

Livingston's Emerald

This is strictly an evergreen cucumber, retaining its color until quite ripe, making it very attractive. The fruits are long, straight and handsome, of the most desirable qualities. The young fruit is dark green, straight, slender, almost spineless, making it splendid for pickling. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.25.

The Imperial

A perfect type of the Fordhook Famous, only sold under another

Early Frame A very productive variety; plants strong and vigorous; fruit straight, but smaller at the ends than in the middle; bright green color, crisp and tender. An excellent cucumber for slicing or pickling. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.25.

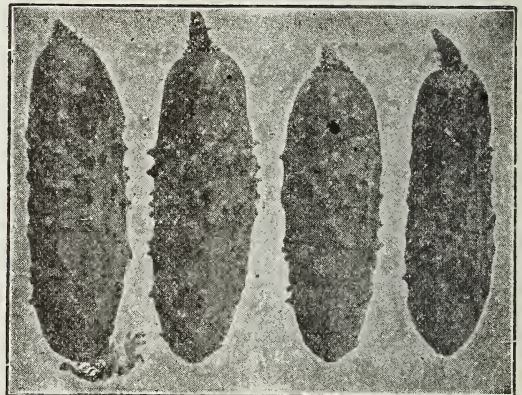
Improved Long Green Vines are very vigorous and productive. The fruit is very long, often 12 inches, slender, and of uniform dark green color. Excellent for slicing, and very largely used for pickling. Postpaid: Pkt., 5c; oz., 15c; ¼-lb., 40c; lb., \$1.50.

Westerfield's Chicago Pickling

This variety is preferred above all others by some of the largest pickling establishments. It is one of the best, combining almost every good quality, and being alike suited to both grower and pickle maker. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.25.

Boston Pickling

A very productive variety. Fruits medium size, bright green, smooth. One of the most largely grown varieties for pickling. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.25.



Snow's Pickling

Snow's Pickling An early maturing, very small, dark green cucumber; symmetrical, square ended, and very popular with many growers who want an ideal pickle. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.25.

Earliest of All

As an extra early white spine cucumber it has no equal. It is perfectly shaped, and holds its dark green color better than any other white spine. Fruits grow very even in size and regular in form. Color dark olive green, with lighter spines running from blossom end. It is smooth, tender and crisp. It is very hardy, robust, and free from disease. Market gardeners and large growers, who value earliness will find this a most profitable sort. Postpaid: Pkt., 5c; oz., 15c; ¼-lb., 40c; lb., \$1.50.

Japanese Climbing

A useful variety, for growing on a trellis, wire or other supports. The cucumbers are long, of a dark green color, white flesh, crisp, and of good flavor. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., \$1.25.

Early Russian

Small, extra early, hardy, productive. Good for small pickles. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.25.

Cool and Crisp

An extremely early and very popular strain of the white spine family. Fruits 6 to 8 inches long, slightly tapering. Skin dark green, thickly covered with small black spines. Fine for slicing and excellent for pickling. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.25.

Plant flowers. Beautify your farm, your garden, your yard, your home. Where beauty and grandeur prevail, wealth abides.



Lemon Cucumber

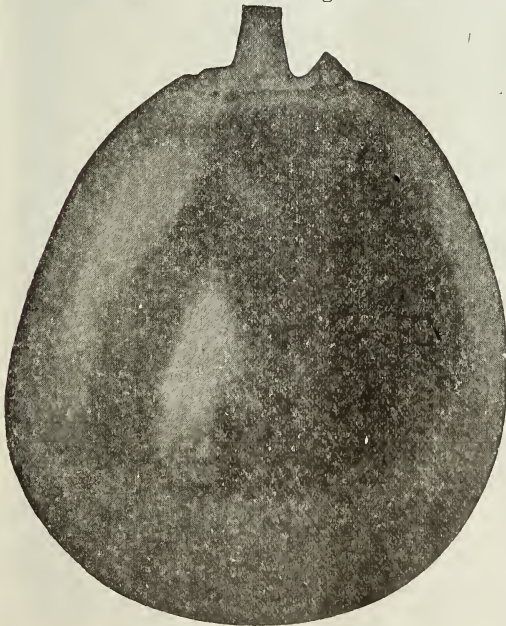
Lemon Cucumber This dainty little cucumber resembles a lemon, both in form and color, having a distinctive flavor superior to and not found in any other cucumber. The crispness, tenderness and sweetness are all that could be desired. It has a thin skin, and can be eaten without fear of harmful results that some experience from eating cucumbers. Postpaid: Pkt., 5c; oz., 15c; 1/4-lb., 50c; lb., \$1.75.

Thorburn's Everbearing This is not only an extra early variety, but very prolific. The fruits are from 4 to 5 inches in length, but with a rich, dark green color, and if kept closely gathered, vines will continue bearing in great quantities until frost. Owing to its great productiveness is excellent for pickles. Postpaid: Pkt., 5c; oz., 10c; 1/4-lb., 35c; lb., \$1.25.

Egg Plant

One ounce will produce 1,000 to 2,000 plants.

CULTURE Egg plant should be sown in hot beds in March and April, and planted during June in rows 2 1/2 to 3 feet apart. Cultivation same as for cabbage.



Black Beauty Egg Plant

Black Beauty The earliest and best of all large fruited egg plant. Is alike, valuable to both private planter and market gardener. Black Beauty produces fruit fully as large, and is ready for use 10 days or 2 weeks earlier than New York Improved. The skin is a rich, lustrous purplish black of most attractive appearance. Postpaid: Pkt., 10c; oz., 60c; 1/4-lb., \$2.00.

New York Improved The leading sort for home and market. Plant is a vigorous grower, very large, fine and free from thorns, and produces until frost. Skin rich purple; flesh white and of good flavor. Especially recommended to market gardeners. Postpaid: Pkt., 10c; oz., 60c; 1/4-lb., \$2.00.

Dandelion

French Common A decided improvement on the wild dandelion. Very early and vigorous in growth. Postpaid: Pkt., 5c; oz., 40c.

Herbs

Postpaid

	Pkt.	Oz.
Borage	5c	25c
Caraway	5c	25c
Dill	5c	25c
Lavender	5c	25c
Sage	5c	50c
Sweet Marjoram	5c	25c
Thyme	5c	50c
Wormwood	5c	50c

Kohl-Rabi

Turnip-Rooted Cabbage

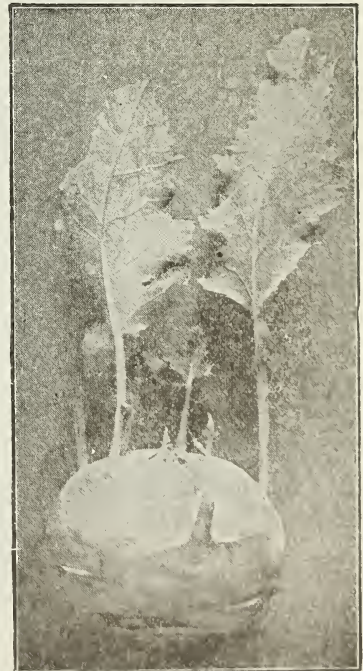
One ounce of seed will sow 300 feet of drill

CULTURE

The edible part is the bulb, which grows on a stalk a few inches above the ground. Sow seeds in rows 16 to 18 inches apart, and when up thin to 4 to 6 inches apart in the row. First sowing may be made as soon as ground can be worked in spring, and successive ones repeated later.

EARLY WHITE VIENNA

Flesh white and tender. A standard sort for market and table use. Good for forcing. This variety has a very short top, and forms the ball quickly, thus making it a particularly desirable sort on account of its earliness. Postpaid: Pkt., 5c; oz., 25c; 1/4-lb., 75c.



White Vienna

CORN, Sweet or Sugar

One pound will plant 100 hills; 10 pounds an acre

CULTURE Sweet corn should not be planted until the ground is warm and danger from frost is past. Usually it cannot be safely planted in this latitude much before the first of May. The small, early varieties may be planted in the garden in rows 2 to 2½ feet apart in hills 12 to 18 inches apart, thinning to 2 or 3 stalks to the hill. The larger and later varieties require more room, and should be planted in rows 3 to 4 feet apart, in hills 2 to 3 feet apart, thinning to 3 to 4 stalks in the hill. Corn thrives best on warm, rich soil, and succeeds only when given frequent but shallow cultivation. For a continuous supply, begin planting as early as the season will permit, and plant every 10 days or two weeks until July.

Sweet Corn is perhaps the largest, easiest and most generally grown of any of the garden crops. By planting the extra early varieties early in the season, following them with second early and late varieties, a continuous supply of fresh, sweet corn may be had from July until frost. There are many varieties of Sweet Corn, and all are good. The variety best suited to your taste, soil and climatic conditions is the best for you, and as these vary we cannot here recommend the varieties best suited to you. We handle all of the standard varieties,

and will try and describe each so that even an amateur can easily select the variety best suited to his conditions and requirements. All of our sweet corn is Western grown, the most of it in Colorado; therefore, it is hardy and acclimated to Western conditions, and is the best for Western Growers, and equally as good for the South and East, as it is all vigorous and of strong vitality. If you have never tried our Western grown seed, try it this season. You will be more than pleased with it.

Peep O'Day

On account of its extreme earliness, Peep O'Day sweet corn is especially adapted to our altitude. The stalks grow 3½ to 4½ feet in height, and having a light foliage, may stand very close together. The ears are small, growing 5 to 6 inches in length. It is a week or ten days earlier than any other sort, and one of the sweetest of all early table varieties. We can recommend it for the home garden and the market gardener.

Postpaid: Pkt., 5c; ½-lb., 20c; 1b., 30c; 10 lbs., \$2.50. By freight or express at purchaser's expense: Pkt., 5c; ½-lb., 15c; 1b., 25c; 10 lbs., \$2.00.

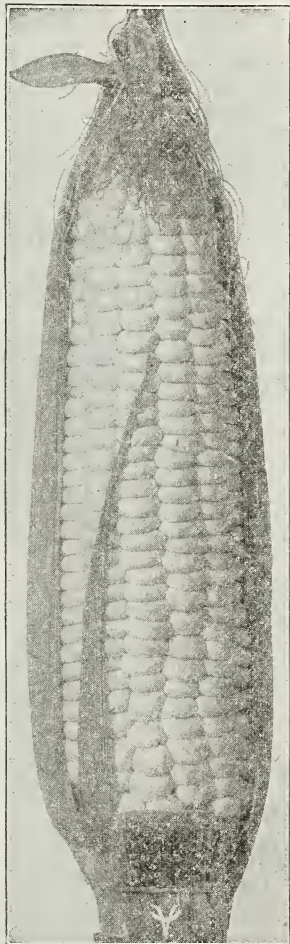
Howling Mob

A popular and largely grown variety for the market gardener or home use. Matures 5 to 7 days later than White Cob Cory. Grows to a height of 4½ to 5 feet, producing two fine ears to the stalk. The ears are 7 to 9 inches long, with 12 or 14 rows of pearly white corn. The husk is heavy and extending from the ear protects the grains from worms. A very fine main crop variety. Post-

paid: Pkt., 5c; ½-lb., 20c; 1b., 30c; 10 lbs., \$2.50. By freight or express at purchaser's expense: Pkt., 5c; ½-lb., 15c; 1b., 25c; 10 lbs., \$2.00.

Extra Early Adams

Very early and hardy. It is not a sugar corn, but is grown for early use. Ears short, kernels white. Postpaid: Pkt., 5c; ½-lb., 15c; 1b., 25c; 10 lbs., \$2.25. By freight or express at purchaser's expense: Pkt., 5c; ½-lb., 15c; 1b., 20c; 10 lbs., \$1.50.



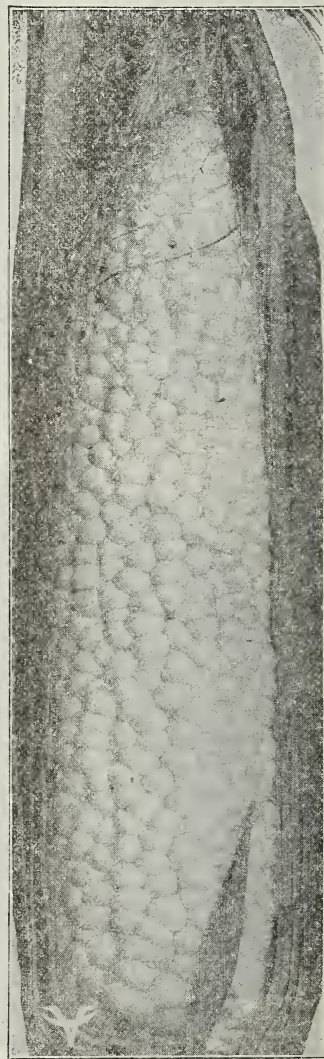
Peep O'Day

Country Gentlemen

There is no corn that compares with Country Gentlemen for sweetness. It is the "Par Excellence," often called "The Shoe Peg Corn," on account of the long, sweet crowded kernels. It remains tender and fit for use longer than most sorts, owing to the very thick husk, which keeps it in the milk. The ears average 9 inches, and are borne from 2 to 5 on a stalk. One of the late varieties. Postpaid: Pkt., 5c; ½-lb., 20c; 1b., 30c; 10 lbs., \$2.50. By freight or express at purchaser's expense: Pkt., 5c; ½-lb., 15c; 1b., 25c; 10 lbs., \$2.00.

Stowell's Evergreen

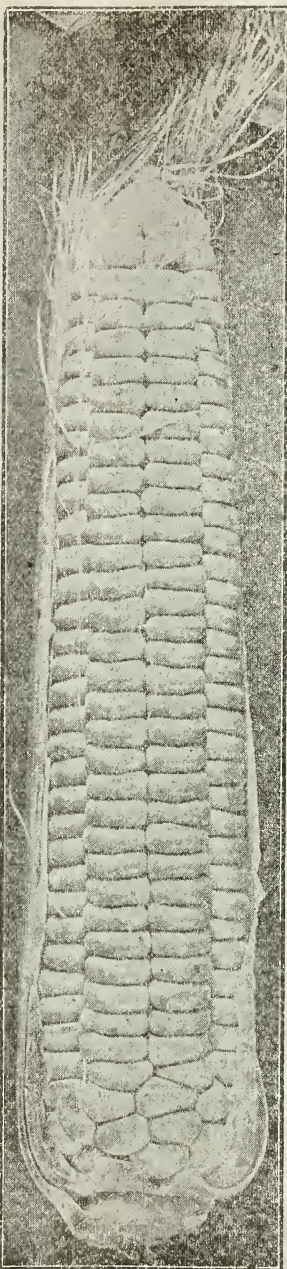
This is the old standard main crop variety. Much used for the home garden. This corn is distinguished by the large ears of long, deep kernels, its rich, sugary flavor, and its long keeping qualities. Noted for its sweetness, productiveness and size. Postpaid: Pkt., 5c; ½-lb., 20c; 1b., 30c; 10 lbs., \$2.50. By freight or express at purchaser's expense: Pkt., 5c; ½-lb., 15c; 1b., 25c; 10 lbs., \$2.00.



Country Gentleman

Golden Bantam

This is the most popular and largely grown variety of Sweet Corn on the market. For sweetness and richness of flavor it has no equal. It is a hardy, early maturing variety of dwarf growth, and can therefore be planted closer than other sorts and thru a longer range of season. The cob is small, but fills out nicely with large deep cream colored kernels, which turn to a beautiful golden yellow when entirely ripe. Because of its extreme hardness and ability to withstand unfavorable weather, it can be planted earlier than any other true sweet corn, consequently producing the earliest supply of ears for early table use. It is especially adapted for planting in high altitudes and short seasons where other kinds would not mature on account of cold nights and early frosts. **Postpaid: Pkt., 5c; 1/2-lb., 20c; 1-lb., 30c; 10 lbs., \$2.50.** By freight or express at purchaser's expense: **Pkt., 5c; 1/2-lb., 15c; 1-lb., 25c; 10 lbs., \$2.00.**



Golden Bantam

Early Evergreen

This is an improvement over Stowell's Evergreen. It is earlier and produces almost as large ears. Grains are pure white, very deep, tender and sweet. A good variety for second early or main crop. **Postpaid: Pkt., 5c; 1/2-lb., 20c; 1-lb., 30c; 10 lbs., \$2.50.** By freight or express at purchaser's expense: **Pkt., 5c; 1/2-lb., 15c; 1-lb., 25c; 10 lbs., \$2.00.**

Black Mexican

This variety has for a number of years had the reputation of being the sweetest of all sweet corn. When cooked the ear is white, with a bluish tinge toward the base of the kernel. In tenderness it is unsurpassed. For family use it is considered by many the most desirable of many of the late sorts. **Postpaid: Pkt., 5c; 1/2-lb., 20c; 1-lb., 30c; 10 lbs., \$2.50.** By freight or express at purchaser's expense: **Pkt., 5c; 1/2-lb., 15c; 1-lb., 25c; 10 lbs., \$2.00.**

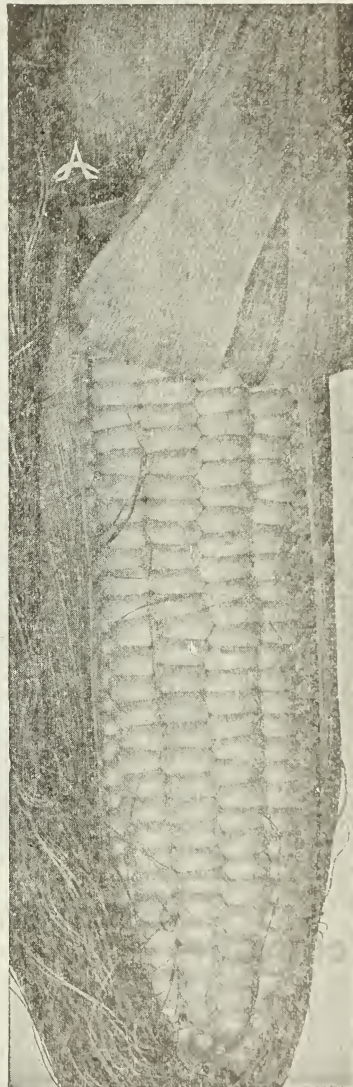
Not until we began farming and growing vegetables ourselves did we realize the importance of good seeds to the grower. That's why we are selling them.

White Evergreen

This is an improved strain of the Early Evergreen; is about a week earlier than the Evergreen, and the grains are pure white. It is very vigorous, stalks grow from 6 to 7 feet high, producing from 2 to 3 ears to the stalk. White Evergreen is used almost exclusively by canners for canning purposes, as it retains its pure white color after canning. **Postpaid: Pkt., 5c; 1/2-lb., 20c; 1-lb., 30c; 10 lbs., \$2.50.** By freight or express at purchaser's expense: **Pkt., 5c; 1/2-lb., 15c; 1-lb., 25c; 10 lbs., \$2.00.**

Early Mayflower

Corn is slightly earlier than Golden Bantam, but not so well known. In size and shape of ear it is very similar to Mammoth White Cory, but is much sweeter, and about a week earlier. The stalks are about 4 feet high, but the ears are exceptionally long and well filled for such an early corn. The ears average about 7 inches in length and grow very close to the stalk. The grains are tender and sweet, and the eating quality excellent. This corn resembles the Golden Bantam so closely in size, quality and earliness that it should be called the White Bantam. It comes highly recommended to us, and can recommend it to those wanting the Golden Bantam qualities in a white corn. **Postpaid: Pkt., 5c; 1/2-lb., 20c; 1-lb., 30c; 10 lbs., \$2.50.** By freight or express at purchaser's expense: **Pkt., 5c; 1/2-lb., 15c; 1-lb., 25c; 10 lbs., \$2.00.**

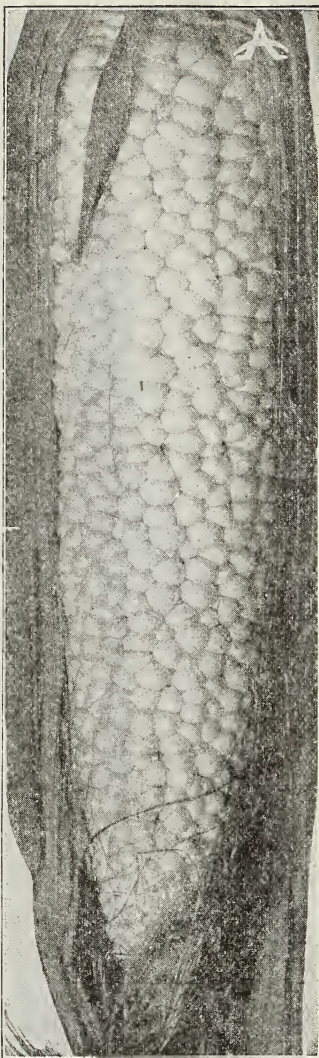


Early Mayflower

Cecil Thompson, Ontario, Oregon—I bought 19 bulbs of the Gladioli variety last spring; 17 of these grew. The other two rotted before sprouting. These two were the May white and the Baron J. Hulot. But with consideration these bulbs did very well. All Gladioli here didn't do well this year, but your bulbs even ran beyond my hopes, for when I dug them up there were three with just one bulb, seven with two bulbs, two with four bulbs and one with five. The rest had three bulbs. Others we had from other places didn't even have two or three bulbs.

Golden Cream

This favorite corn is a cross between the old popular Country Gentlemen and Golden Bantam. In appearance it resembles Country Gentlemen. The kernels are narrow, pointed or shoe pegged in shape, cream colored when ready for eating, turning to a golden yellow when cooked, same as Golden Bantam. It is earlier than Country Gentlemen and later than Golden Bantam, which, with its good sized ear and delicious flavor, make it one of the best and most popular sweet corns on the market. **Postpaid: Pkt., 5c; 1/2-lb., 20c; lb., 30c; 10 lbs., \$2.50.** By freight or express at purchasers' expense: **Pkt., 5c; 1/2-lb., 15c; lb., 25c; 10 lbs., \$2.00.**



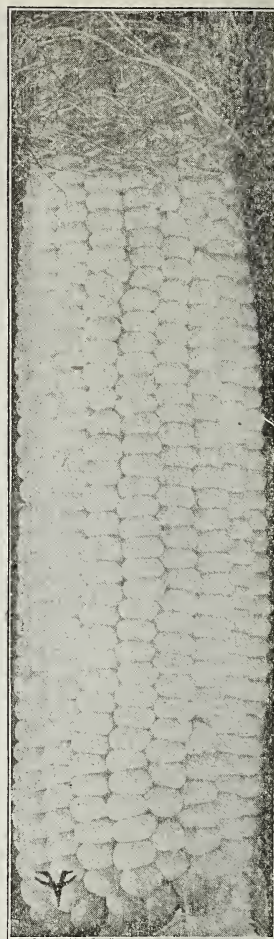
Golden Cream

White Cob

Cory A standard early variety. Stalks about 4 1/2 feet high, bearing 2 or 3 ears, which are 6 to 7 inches long, 8-rowed, and with large, but very sweet and tender grains. **Postpaid: Pkt., 5c; 1/2-lb., 20c; lb., 30c; 10 lbs., \$2.50.** By freight or express at purchaser's expense: **Pkt., 5c; 1/2-lb., 15c; lb., 25c; 10 lbs., \$2.00.**

Bantam Evergreen

This new variety is a cross between Golden Bantam and Stowell's Evergreen, the two most popular varieties grown. It has the beautiful golden color and sweetness of the Golden Bantam and the large ears and broad, deep, tender grains of Stowell's. It is a little later than Golden Bantam and earlier than Stowell's. Just the combination most desirable for the market gardener, and wherever grown has proven a decided favorite, and when sold to a customer is called for again. If you want the best all purpose Sweet Corn, try Bantam Evergreen. Our seed of this variety was grown for us right here in Colorado, and is thoroughly acclimated to the West and arid conditions. **Postpaid: Pkt., 5c; 1/2-lb., 20c; lb., 30c; 10 lbs., \$2.50.** By freight or express at purchaser's expense: **Pkt., 5c; 1/2-lb., 15c; lb., 25c; 10 lbs., \$2.00.**



Bantam Evergreen

Early Minnesota

An old and popular variety. One of the best early sorts for market and private garden. Stalks about 6 feet high, 8-rowed kernels, very broad, sweet and tender; not shrinking much in drying. **Postpaid: Pkt., 5c; 1/2-lb., 20c; lb., 30c; 10 lbs., \$2.50.** By freight or express at purchaser's expense: **Pkt., 5c; 1/2-lb., 15c; lb., 25c; 10 lbs., \$2.00.**

Stell Kinkade, 3012 W. Pike's Peak, Colorado Springs—I am more than pleased with your seed, or rather plants. Cannot say anything only praising them. They were beautiful. They were certainly just grand.

Endive

CULTURE For spring use, sow the seeds in April; for fall and winter use sow in June and July. The seed may be sown in rows 12 inches apart, and the plants thinned to about 1 foot apart in the rows. Cultivate same as for lettuce. The bleaching of endive is best done by drawing the leaves together and tying them, as you do cauliflower. This should be done about a month before it is wanted for the table use.

This plant furnishes an attractive and appetizing salad for fall and winter use, and, by repeated sowing, a supply may be had nearly all the year around. Useful in flavoring soups, stews, etc.

Green Curled Hardest variety and the most desirable for home use and market garden. Deep green leaves beautifully cut and curled. **Postpaid: Pkt., 5c; oz., 15c; 1/4-lb., 35c; lb., \$1.25.**

Broad Leaved Batavian Heads of broad, thick leaves, which can be blanched as a salad, or make excellent cooked greens. **Postpaid: Pkt., 5c; oz., 15c; 1/4-lb., 35c; lb., \$1.25.**

Kale-Borecole

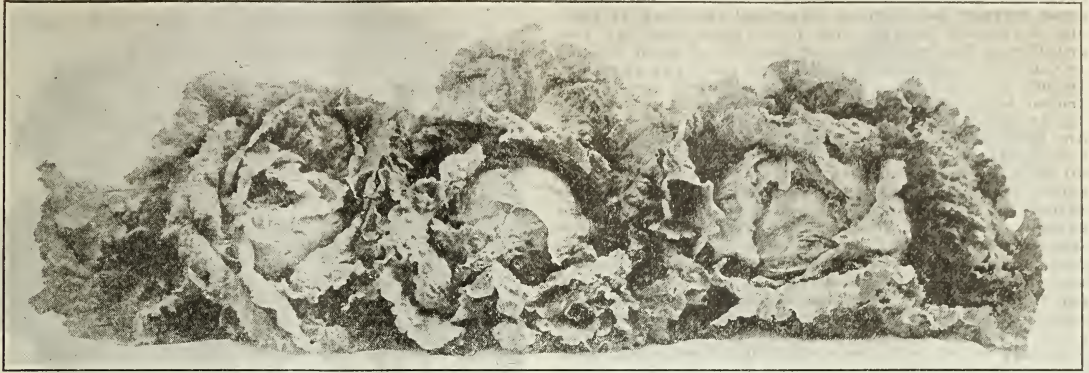
German Greens

One ounce of seed will produce 3,000 plants

CULTURE For late fall or early winter use sow early in June and transplant about the middle of July, in rows 18 to 24 inches apart, setting the plants 12 to 18 inches apart in the rows. For spring use, sow in August, and transplant a month or six weeks later. Protect during the winter with a covering of hay or coarse litter. All kales are best when touched by frost.

Dwarf Curled Scotch A finely curled spreading variety. The plant is very hardy. The leaves are long, and of an attractive bright green color. Is used for garnishing or cooked as greens. **Postpaid: Pkt., 5c; oz., 20c; 1/4-lb., 70c; 1/2-lb., \$1.25.**

Plant flowers. Beautify your farm, your garden, your yard, your home. Where beauty and grandeur prevail wealth abides.



New York Wonderful or Los Angeles Market

LETTUCE

CULTURE Lettuce is a hardy plant and will stand without apparent injury a low degree of temperature. Under this condition, however, the growth of the plant stops. Therefore, a moderate temperature is desirable while the plant is growing. Lettuce stands cold much better than heat, making it impossible to produce lettuce of good quality, during the hot summer months, in the hot, dry sections of the country. When the weather is very hot and dry the plants will go to seed instead of heading. Lettuce requires considerable soil moisture throughout its entire growing period, making irrigation necessary except during rainy seasons. It is, however, easily ruined by an excess of water, which often causes stem rot on the plants. A rich, light, loamy soil and a quick unchecked growth are essential to the successful growth of lettuce. It should never be planted on poor, thin soils, for although the plants will grow, the heads will be small and leaves tough. If the soil is poor it should be made rich by liberal manuring and thorough preparation. For winter sow under glass in hotbeds or hot houses from November to February and thin out as necessary to prevent crowding; keep a moderate heat, giving plenty of light and air. As soon as the ground can be satisfactorily worked, sow in drills 15 to 20 inches apart, thin the plants 8 to 15 inches apart in the row. The small headed varieties can be successfully grown 8 to 10 inches apart, while such varieties as New York or Iceberg should be planted at least 15 inches apart. Where irrigation is necessary the irrigating furrows should be made first and the seed sown or plants set on each side of the furrow; the water should be confined to the irrigating furrow and not permitted to flow over the plants and cover them up. It will be found much more satisfactory to use a small stream of water, allowing it to run between the rows slowly, thoroughly soaking into them, than a larger stream flowing more rapidly. The number of irrigations required can only be determined by the condition of the soil and plants. It is sometimes necessary to irrigate every week throughout the season, while under other conditions, one or two irrigations would be sufficient. There should always be an adequate amount of moisture in the soil, from the time the plant commences to head until it matures, as the character and size of the head depends to a great extent upon the amount of soil moisture present.

It is often difficult, especially during hot, dry weather, to secure a satisfactory stand, either when planting directly in the field or when sowing in the seed beds. Aside from the climatic influences, and germinating power of the seed, over-irrigation or insufficient moisture are often responsible for the condition. To control this trouble the grower should determine the cause and remedy if possible. Stem rot is a common disease, more prevalent on heavy soils where the drainage is poor. It is a fungus disease which thrives best under excessive moisture conditions. Good drainage is the best remedy. Severe losses are sometimes occasioned by sunburn, especially in the crop maturing during late spring or early summer. This is characterized by a blackening of the edges of the leaves inside the heads. The cause is usually a period of excessive hot weather from the time the plants are half grown until matured. It is often impossible to know that this condition exists without cutting into the head. If the weather is very hot and dry frequent irrigations should be applied.

Failure to Produce Solid Heads is caused either by a poor quality of seed, an insufficient supply of moisture or unfavorable climatic conditions, such as excessive hot weather while the plants are maturing. This may be largely overcome by using only well-selected seed and applying sufficient moisture at the time the heads are maturing. During the late spring or early summer when the weather is hot the crop should be harvested immediately after the heads have matured. During warm weather the lettuce should be cut early in the morning, but never when the heads are wet, as in that condition they will heat and quickly rot. The time required to produce a crop of lettuce varies with the season, the character of the soil and the care. The leaf or loose headed varieties under seasonable conditions, should be ready to harvest in 6 to 8 weeks from time of seeding. The Cabbage or Head varieties requiring from 8 to 10 weeks. For spring and early planting of the head varieties we recommend starting the plants in hot or cold frames, transplanting to the field as soon as the weather permits, but for summer and fall crops we recommend drilling the seed in rows, then thin to 8 to 15 inches apart according to fertility of the soil and size of lettuce sown. Experienced growers under favorable conditions can produce 2,000 dozen heads per acre.

Lettuce is in demand every month of the year and is one of the easiest, most important, inexpensive and profitable crops for the market gardener. Where climatic conditions will permit two and often three crops can be grown and harvested from the same land each season. With our rich alluvial soil, irrigating system, and cool nights during the growing season, we are able to grow in the vicinity of

Denver and the Mountain districts a superior quality of lettuce during the hottest summer months and market it at good prices, when the hot unirrigated districts are unable to produce it at all. Some of our most expert growers have secured acreage at an elevation of 8,000 to 9,000 feet where they are able to grow it to perfection during our very hottest months and are reaping a rich harvest for their

reward. Head and Leaf Lettuce are the principal varieties grown here and throughout the west. Head lettuce has almost displaced the leaf, it having developed in the last few years that we can produce as fine a grade and quality of head lettuce as California, and at a season of the year they are unable to grow it. Acres of the head are being grown here annually now, while only a few years ago it was rarely called for or seen on the market. Big Boston has been the leading variety for several years, but recently Iceberg and New York Wonderful or Los Angeles Market have come into prominence, and when our growers better understand the nature of these and how best to cultivate and handle them, we think they will supersede the other varieties being grown here, as both varieties grow larger, more solid and crisp heads, and command top prices in preference to the Big Boston and Kindred varieties. The Iceberg is specially recommended for the hot summer months and the New York Wonderful for spring and fall. The Iceberg is a lighter colored green than the Wonderful, with large, green, curled, red-tinged leaves. The Wonderful has dark green, slightly crinkled leaves, with immense, solid, beautifully blanched, creamy, white heads, that are often as large as a cabbage. Shippers' Favorite is related to the Big Boston identically as the Iceberg is to the Wonderful, in that it is an exact counterpart of Big Boston, except it is lighter colored and more heat resisting. California Cream Butter is very similar to Big Boston, both as to habit of growth and appearance, and when grown side by side are hard to distinguish which is which. May King is not so large as Big Boston or California Cream Butter, but very similar, only it does not have the red tinge. It is very early, solid and tender. Black Seeded Tennis Ball is one of the most popular early varieties for forcing or early planting out doors. The plants are large with thick green leaves and solid crisp heads. The Hanson belongs to the Wonderful or Los Angeles family, grows very large, cabbage-shaped heads, crisp and tender with broad yellowish green outside leaves, crinkled and frilled at edge. Heat resistant, an ideal and popular variety for the home garden. Red Edge Victoria is one of the earliest standard varieties, has the habits and appearance of Big Boston, only not quite as large, but much earlier with a deeper reddish tint on edges. Of the curled or loose-leafed varieties, Grand Rapids is by far the most popular. It is the leading greenhouse variety for forcing, as well as the favorite for the home garden. It is very hardy, matures quickly, and is one of the easiest and surest varieties to grow. It grows upright, forms a cluster of large, thin, bright green leaves, crimped at the edges. The Prizehead is another clustering non-heading variety, very easily grown, specially recommended for the home garden, as it is too tender to ship any distance, but ideal for the home garden. Leaves bright green, finely curled and crimped, tinged with brownish red, very tender and sweet.

The Denver Market is a handsome variety, forming light conical heads, leaves light green, deeply savoyed, tender and crisp. Black Seeded Simpson is an old popular sort, one of the best of the non-heading varieties, forms large, loose heads, resistant to heat and slow to run to seed. Leaves large, thin, yellowish green, exceedingly tender. The Paris White Cos differs entirely in shape and texture from the other lettuces, in that in habit and appearance it resembles celery, and by some is called Celery Lettuce. It has long spoon-shaped leaves folding into loose-shaped heads, which by drawing the outer leaves together and tying as you do cauliflower, soon blanch to a beautiful creamy white, which is very tender, with a celery flavor. This is a very popular variety throughout Europe and when better known and appreciated will be grown more largely here.

Head or Cabbage Varieties

Prize Head

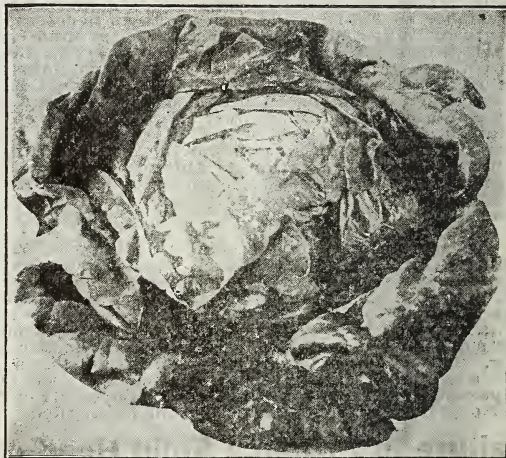
A large clustering lettuce, most excellent for home garden, and the most easily grown variety in cultivation. It forms a large, tender, crisp, loose head. With bright green crimped leaves, tinged with brownish red, of superior flavor, long remaining sweet, and slow to run to seed. It is very attractive, well adapted to open-air culture, being quite hardy. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.00.



Shippers' Favorite

Shippers' Favorite

A wonderful heat resister. Splendid for summer planting. One of the most popular for withstanding heat. In size and shape it is a counterpart of Big Boston, except in the brown edge, which, on the Shipper's Favorite is green. It makes a fine hard head, with a rich, buttery flavor; of fine quality, bleaches to a fine, creamy white color. The best, the surest, the finest lettuce on the market. Our seed was imported by us direct from France. Give this wonderful strain a trial. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 45c; lb., \$1.50.



May King

May King

Its solid, round heads will bear shipping better than most varieties. For early planting in the open ground, or under glass, it is unequalled. It is hardy, as well as very early, and is a quick grower. Leaves are bright green, the outer leaves slightly tinged with brown, inner a bright yellow. Flavor is rich and buttery. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.00.

California Cream Butter

A fine, large, heading variety, with a rich buttery flavor; tender, sweet and crisp. A popular market variety, medium early. The heads are very broad, often measuring 8 inches across, and continue to grow for some time after they are ready for use, and very slow to go to seed. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.00.

New York Wonderful or Los Angeles Market

This lettuce is fast superseding Big Boston, especially for late planting, as it grows so much larger, and is the leading fall and winter lettuce on all the markets. Our gardeners are just beginning to understand and appreciate its quality and characteristics. It is the largest, most attractive, and best lettuce on the market today, and we can highly recommend it to those desiring the best yet introduced. This is the mammoth head lettuce that is grown so largely in California, and shipped to all important markets of the country, where it commands a premium over any other lettuce grown. The immense heads are solid, heavy, beautifully blanched to a creamy white, with bright green outer leaves. The quality is unsurpassed, being tender, crisp and sweet. It is a hardy, rapid grower, deep rooted, and resistant to drought and heat; a slow seeder and sure to head. Seed of this variety very scarce and high. Postpaid: Pkt., 10c; oz., 40c; ¼-lb., \$1.25; lb., \$4.00.

Red Edged Victoria A standard variety for early and late planting. Has the habits and appearance of Big Boston, only not quite as large, but much earlier. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.00.

Selected Big Boston (Trocadero)

North, South, East, West, wherever grown, Selected Big Boston has proven its superiority over all other varieties of head lettuce. Plants are large, very hardy, and vigorous. Leaves broad, comparatively smooth, wavy at edge, rather thin; color light green, slightly tinged with reddish brown. Its extra large, round, crisp, cabbage-like heads make it the most attractive and best seller on the market. It is suitable for early or late planting; resistant to both heat and cold, and is slow to go to seed. We have seen it go thru severe freezes practically without damage. It surpasses all other varieties in shipping qualities to distant markets. Our seed of Selected Big Boston was grown for us under contract by a large, expert lettuce grower. In placing your order with us for this wonderful lettuce you

when grown form solid heads, which are crisp and tender. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.00.



Iceberg

Iceberg This is a strain of the New York or Wonderful or Los Angeles Market lettuce, and is its counterpart in habit, size and quality. It is lighter green in color, and not quite so solid, but equally as tender and crisp and of excellent flavor. It is a leading variety for the Southwest during the summer months, as it seems to endure the heat and drought better than the Wonderful and other varieties. Iceberg lettuce planted during the summer months should be planted on dark soil; when grown on light, sandy soil, the heat of the sun reflected from the sand on the under side of the leaves causes them to burn and turn brown. It is very large; grows and heads like a cabbage. Should not be planted closer than 14 inches in the row. Postpaid: Pkt., 5c; oz., 30c; ¼-lb., \$1.00; lb., \$3.00.

Curly or Leaf

Denver Market A combination leaf and head lettuce. Grown here as a leaf lettuce, both under glass and out-of-doors. When grown out-of-doors, and permitted to grow long enough, forms a nice, large conical head. Leaves light golden green, beautifully curled, which, with its crisp, tender leaves and delicious flavor, make it a favorite with many growers. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.00.

Improved Hanson This standard variety is a well-known and well-tried sort. Characteristic for its wonderful heat and drought resisting qualities. Its large, broad leaves are beautifully curled and crinkled. Very sweet and tender. Desirable for the market or home garden. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.00.

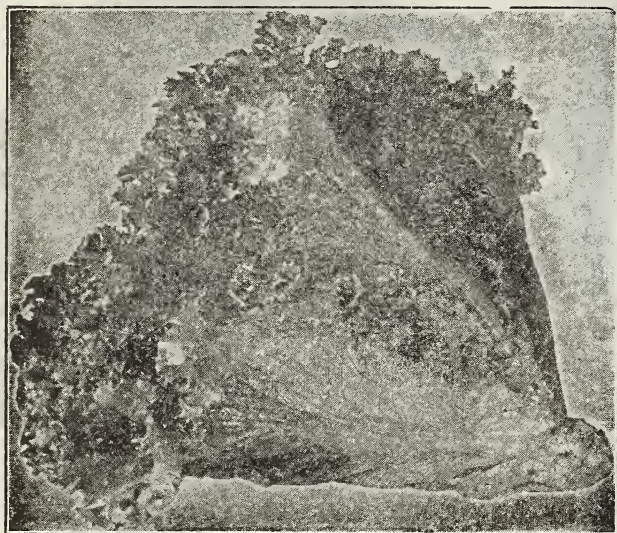


Big Boston

can rest assured you are getting the best the world produces. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 40c; lb., \$1.25.

Black Seeded Tennis Ball One of the best for forcing or early out-of-door planting. Plants medium size, having thick, dark green leaves, and

Black Seeded Simpson One of the best of the non-heading varieties. An old and popular sort; forms large, loose heads, with large, curled, thin leaves of excellent quality. Resists heat, and remains tender longer than most other varieties. Suitable for glass or out-of-door growth. **Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.00.**



Grand Rapids

Grand Rapids For forcing it has no equal. Its crisp, delicious flavor and handsome appearance make it a good seller. Its upright habit of growth permits of close planting, which is quite a factor with hot house people. **Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 40c; lb., \$1.25.**



Paris White Cos

Paris White Cos Differs entirely in shape from other varieties, having long, narrow, spoon-shaped leaves, folding into loose-shaped heads, which blanch better by having the outer leaves drawn about them and tied. **Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.00.**

MUSKMELON or CANTALOUPE

One ounce of seed will plant 50 hills. 3 pounds an acre.

CULTURE Rich, sandy soil, pure true to type seed and good cultivation are absolutely necessary to the production of a good crop of luscious melons. The seed should not be planted until the ground is warm and danger from frost is passed. Plant in hills about 6 feet apart each way; if soil is thin, old, well-rotted manure should be thoroughly mixed with the soil in each hill. Plant 6 to 10 seeds in each hill and when danger from insects has passed, leave three to four of the strongest plants in each hill. This method insures a good stand of plants in spite of the bugs. If the plants grow very rank the tips of the vines should be pinched off when about 3 feet long. Cultivate well, but not deep.

There is no Fruit or Vegetable grown that is so easily, quickly and inexpensive to grow as the Muskmelon or Cantaloupe, nor any more universally used and relished. Each season brings out new types and improved strains until we now have a melon adapted to every soil, climate and taste. But few people, even those of our own state, are aware of the fact that Colorado produces as many or more melon and vine seeds than any other state in the Union. Nearly every seed house of any importance in the country has all or a good portion of their Cantaloupe, Melon, Cucumber and such seed grown in Colorado. Rocky Ford, Colorado, is the home of the famous Rocky Ford Cantaloupe and Honey Dew Melon—in fact, practically all of the new and standard varieties being grown today were introduced and perfected there. Rocky Ford has a rich, sandy soil, dry, warm climate, with ample water for irrigation and a class of farmers who were quick to take advantage of the special requisites and who are now producing the best melons and seeds that have been produced anywhere. Thousands of carloads being shipped from that district each season. We have our cantaloupe and vine seed grown in the Rocky Ford district under con-

tract by specialists, who grow only vine seeds for Seedsmen. If you have never tried our Colorado-grown seed, give them a trial. You will find them earlier, hardier and more prolific than those grown in lower unirrigated districts.

There are two distinct types of Muskmelons or Cantaloupes. The Green Fleshed Melon and the Pink or Salmon Meated Melons. They are both good and it's only a question of taste as to which is the best; some prefer one and some the other. The demand for each variety is about the same. The two varieties have been crossed until we have several varieties that show distinct characteristics of both.

Green Fleshed Varieties The Rocky Ford Rust resisting is the melon that made Rocky Ford famous and perhaps outsells any other variety both for the home garden and shipping. The Early Waters is the earliest of the green fleshed varieties; the seed cavity is larger than the standard varieties. It is not a good shipper, but when earliness is an object, it is the best. The Early Hackensack is the largest of the early melons, often weighing from 4 to 6 pounds each. It is heavily ribbed, skin green, thickly netted, with thick, firm, green flesh, and a

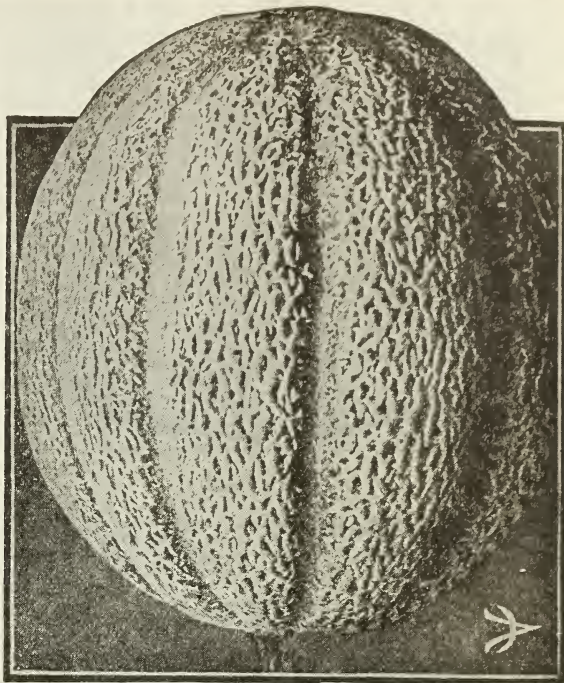
good shipper. A favorite throughout the East. The Long Island Beauty is an improved strain of the Early Hackensack, more roughly netted, delicious flavor. Noted for its shipping qualities. Netted Gem is an old standard variety and is preferred by many of the older growers. It is an ideal sized melon, green skin, thickly netted, luscious flavor, a heavy cropper and will remain in perfect condition a week or more after picking. Acme or Baltimore is oval in shape, slightly pointed at the stem, well ribbed and heavily netted; skin turns to a golden tint when ripe; very productive and a sure cropper. Flesh deep green. Eden Gem is an improved strain of the old Rocky Ford Rust Resisting and is preferred by the shipping associations. They are uniform in size, averaging more standard size melons than any variety grown. It is not quite so early as the Rocky Ford, but bears longer and is more productive. Is Rust Resisting, solid netting, nearly ball shaped, with green flesh; a most ideal shipper.

Salmon Fleshed Varieties Emerald Gem is

the earliest of the salmon fleshed cantaloupe and a great favorite for the home garden and local markets. The skin is a deep emerald green; fruits heavily ribbed. Flesh salmon colored, very thick, with a small seed cavity and thin rind. If fruits are picked as soon as ripe the vine will continue bearing throughout the season. Burrell's Gem is one of the oldest and most popular of the standard varieties. The fruits are regularly ribbed, covered with a fine greyish netting, skin dark green; flesh deep salmon colored, extending close to the rind. An excellent seller and shipper. Paul Rose or Petrosky combines the good qualities of the Netted Gem and Osage Cream from which it originated. In shape it is similar to the Netted Gem; the flesh is firm, a rich orange red like the Osage. It ripens close to the rind with a small seed cavity; is a good shipper and just the size for hotel and home use. Tip Top is one of the most delicious melons grown. The fruits are large, well ribbed with light green skin, which becomes netted when ripening. The flesh is thick, bright salmon, of luscious melting flavor. Perfection is a splendid large main crop variety for the home garden and local markets, but is too large for a good shipper. It is round, heavily netted, dark green skin, with thick beautiful salmon color. It ripens early and is very prolific.

Combined Green and Salmon Fleshed Varieties Rocky Ford Pink Meat or Pollock's

Rust Resistant No. 25. This is the famous cantaloupe that is grown so largely in California and Arizona for marketing early in the season. This type is the highest development yet attained in the Rocky Ford Cantaloupe. The melons are uniform in size; heavily netted, laced and interlaced over the entire surface, making it an ideal shipper. The flesh is green, shading to salmon about the seed cavity, which is usually small; meat solid, fine grained and unexcelled flavor. The Gold-Lined Rocky Ford is a special type developed by one of Rocky Ford's most progressive growers. From the description is similar to the Pollock No. 25. It is slightly oval in shape, has no ribs, but is heavily netted over its entire surface. The melon is thick meated, firm end to end, fine grained and very sweet; color green with Gold Margin or lining next to the seed cavity. Netted Rock is the heaviest meated melon yet produced from the Rocky Ford type. It produces uniform, standard size melons which are completely covered with a gray lace-like netting. The flesh is green tinged with a delicate salmon pink around the seed cavity, which is the smallest in any strain of the Rocky Ford type; the flesh is sweet, luscious and of superb flavor. The Emerald Green Honey Dew Melon still maintains its popularity and giving satisfaction where used. There is a gold lined or salmon fleshed Honey Dew out, but its merits have not been fully demonstrated yet, and until they are, we will not feature it. The Golden Beauty Winter Pine Apple and Eastern Cassaba are the only Cassabas we catalog, and the Honey Dew is so superior to these that there is but little demand for them, but there are some who prefer them and for that reason we carry them.



Netted Gem

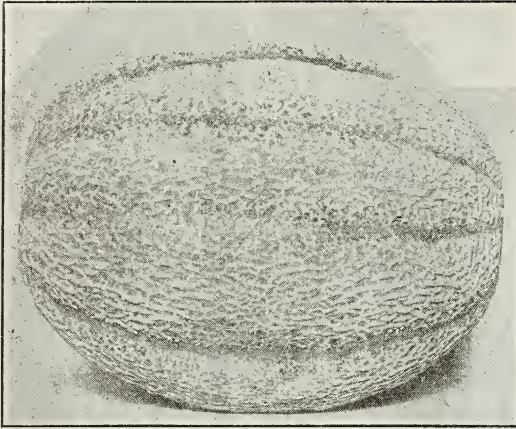
Netted Gem Is a firm, medium-sized, green-fleshed melon; will carry in perfect condition for a week or more after its removal from the vine. The skin is green, regularly ribbed, and thickly netted. It is a heavy cropper, and with its delicious flavor and shipping qualities, is a favorite wherever grown. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.10.

Acme or Baltimore A good sized melon, oval in shape, slightly pointed at the stem, well ribbed and heavily netted, skin turning to a golden tint when ripened. This variety is very productive. Sure cropper of good quality. One of the most desirable green-fleshed melons. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.10.

Long Island Beauty This is considered one of the best shipping varieties; is very early, good size, green flesh, roughly netted and delicious flavor. It is a selection from the Early Hackensack, but a great improvement on that variety, and is regarded as one of the finest varieties. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.10.

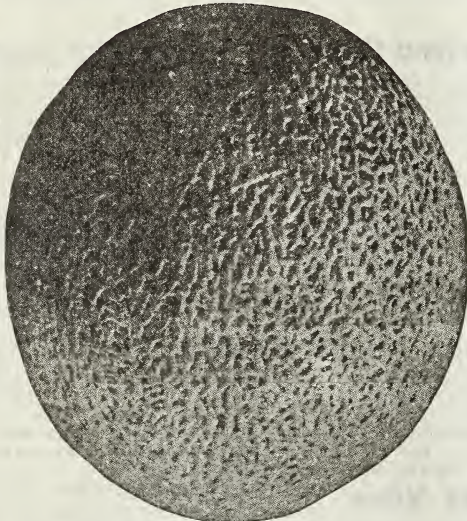
Bay View One of the largest, most prolific, finest flavored cantaloupe in cultivation. Flesh green, luscious, sweet, and very hardy. Picked green it will ripen up finely and carry safely for a long distance. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.10.

Paul Rose or Petrosky This melon combines all the good qualities of the Netted Gem and Osage, the varieties from which it originated, possessing the sweetness of the latter with the finely netted appearance of the Gem. The fruit is oval, about 5 inches in diameter; in shape it is similar to the Netted Gem. The flesh is firm, a rich orange red, like the Osage, but is even sweeter and higher flavored. It ripens close down to the rind, with a small seed cavity. It is a good shipper, and just the size for hotel and table use. It has no equal as a market melon for professional growers, and one of the best for home garden. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.10.



Burrell's Gem

Burrell's Gem This is one of the oldest and most popular of the standard varieties. Fruits are well ribbed, covered with a fine grayish netting. The skin is a dark green. Flesh salmon colored, sweet and tender. The flesh extends close to the rind, and retains its color and quality close to the skin, which leaves only a thin rind. A most excellent seller and shipper. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.10.



Eden Gem

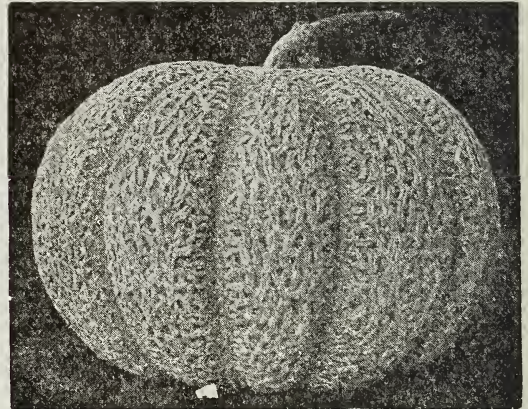
Eden Gem This strain of Rocky Ford cantaloupe is favorably known in all sections where Rocky Fords are grown. Flesh deep green, very solid and firm; skin heavily netted. It is vigorous of growth, noted for its resistance to rust and other plant diseases. Its heavy netting protects it from insect attacks. This is one of the very best of the Rocky Ford varieties. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.10.

Emerald Gem An early, salmon fleshed variety; is unequalled for home use and nearby markets. If fruits are gathered as soon as they are ripened the vine will continue bearing thruout the season. The skin is a rich, deep emerald green. The fruits are heavily

ribbed with narrow bands of light green between the ribs. Flesh very thick, with a thin rind, and small seed cavity. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.10.

Osage or Miller's Cream A favorite salmon fleshed variety; large, oval, slightly ribbed and netted. Skin very dark green; flesh very thick and sweet flavored; most delicious to the rind. It is a very heavy cropper, with uniform fruits. Owing to the fine quality and thickness of the flesh it is a great favorite for both market and home use. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.10.

Tip Top Rightly named, for it is one of the most delicious grown. The fruits are large, round, well ribbed, with light green skin, which becomes netted when ripening. The flesh is thick, bright salmon colored, of luscious, melting flavor, but sufficiently firm for shipping. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.10.



Extra Early Hackensack

Extra Early Hackensack A heavily ribbed, globular shaped melon, very hardy and productive, with thick, firm, green flesh of excellent flavor. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.10.

Early Watters The earliest of all Rocky Ford cantaloupes. It is prolific, and usually the first setting of the fruit is very heavy, mostly ripening at the same time. It is of fine shape and size, and inclined to run to solid quality. Where early melons are an object, or for dry localities, or under irrigation, this is the most valuable cantaloupe. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.10.

Netted Rock This strain is undoubtedly the heaviest meated melon yet produced from the Rocky Ford type. It produces melons of uniform standard size, which are completely covered with gray lace-like netting, which, with the small seed cavity, are the most essential keeping qualities of a cantaloupe. The flesh is green, tinged with a delicate salmon pink around the seed cavity, which is the smallest of any strain of the Rocky Ford type. The flesh is firm, but not tough or stringy. Sweet, luscious and of superb flavor. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.10.

Perfection The best large cantaloupe for main crop. It is the type of melon that will always sell on any market, and for home use there is none better. It is round, large, heavily netted, dark green skin, with thick flesh, which is a beautiful salmon color. It ripens early, and has a most delicious flavor. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.10.

Banana This curious melon looks and smells like a banana. The flesh is deep and of an exquisite flavor, being highly scented. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.10.

Rocky Ford Rust Resisting

This is the melon that made Rocky Ford famous. The vines are exceedingly healthy and vigorous, bearing an abundant supply of fruit throughout the entire season. The flesh is green, very deep, solid and sweet, and can be eaten close to the rind. The seed cavity is very small. For shipping and home market it has no superior. **Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; 1b., \$1.10.**

Rocky Ford Pink Meat or Pollock's Rust Resistant No. 25

This is the famous cantaloupe that is grown so largely in Arizona and California for the shipping trade. This type is the highest development, both as to netting and rust resistant qualities, yet attained in the Rocky Ford cantaloupe. The melons run very uniform in size, and the exceptionally heavy netting is laced and interlaced over the entire surface, making it an ideal shipper. The flesh is green, shading to salmon about the seed cavity, which is unusually small. The meat is solid and fine grained; flavor unexcelled. **Postpaid: Pkt., 5c; oz., 15c; ¼-lb., 50c; 1b., \$1.50.**

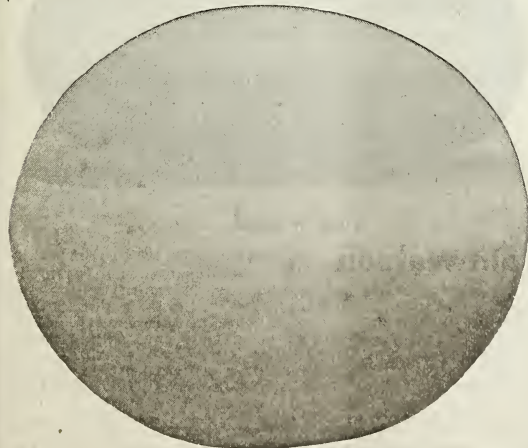
Gold Lined Rocky Ford This new melon is the result of several years of careful selection by one of Rocky Ford's most progressive growers. The shape is ideal, being slightly oval, has no ribs, and is heavily netted over the entire surface. The melon is thick meated from end to end, fine grained and sweet. Color green, with a gold margin or lining next to the seed cavity. Very attractive, both as to outward appearance, and when cut. **Postpaid: Pkt., 5c; oz., 15c; ¼-lb., 50c; 1b., \$1.50.**

Cassaba or Winter Muskmelon

The Cassaba has come to stay. To some extent, the Cassaba flavor is an acquired taste, but, judging from the increased demand for the seeds of the varieties we list, an immense population has acquired the taste. Cassabas can now be found on all the principal markets of the country, as well as on the bills of fare of the best restaurants and hotels. They are good keepers, being plentiful as late as February, when all other fruits are rare. The Cassaba will grow on most any kind of land, but, like other melons, thrives best on sandy soil.

Eastern or Summer Cassaba

This is the variety grown for summer and early fall use. It is an excellent melon, and much sought after; large, rather oblong, well ribbed, skin thin, and of greenish yellow color; flesh 2 to 3 inches thick, delicious and melting. None better; keeps well. **Postpaid: Pkt., 5c; oz., 15c; ¼-lb., 50c; 1b., \$1.50.**



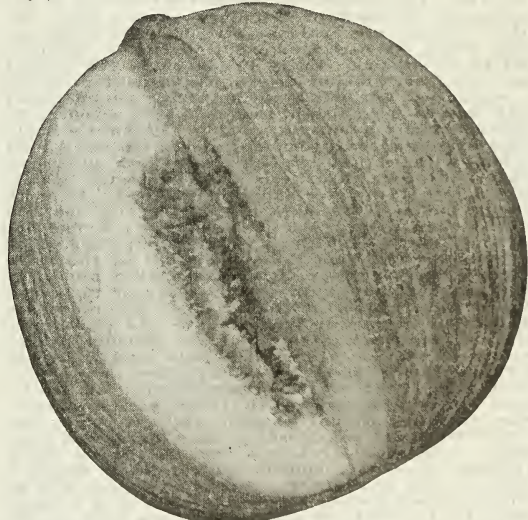
Honey Dew Melon

Honey Dew Melon

This is the famous melon that has created such a sensation in all the markets to which it has been shipped. This melon originated from a melon shipped from Africa to New York, the seed of which was sent to Rocky Ford, and there crossed with the original Rocky Ford cantaloupe by pollenization. The following season this hybrid seed was again crossed with the Improved Hybrid Cassaba, producing the present melon, which was called Honey Dew, as it is as sweet as honey, and has the mingling of several popular flavors, pineapple, banana and vanilla predominating.

The average size of the melon is 6 inches in diameter, and 7 to 8 inches in length, weighing from 5 to 6 pounds each. The skin is smooth, with an occasional net. Is a creamy yellow when ripe. The flesh is an emerald green, very thick, melting, and very fine grained; can be eaten to the extreme rind. It has the spiciness of the cantaloupe, the juiciness of the Improved Cassaba, and the peculiar quality of retaining all the nourishment in its leathery rind. The melon is very nutritious, as it runs as high as 10 per cent sugar. This amount of sugar helps preserve it, and, in connection with its self-hermetically sealed rind, makes it a very long keeper. The seed cavity is very small, and the rind impervious to water. It is very prolific, yields at the rate of 8,000 to 10,000 melons per acre. The melon slips from the vine when ripe, and will keep for several weeks. The late maturing melons will keep until Christmas.

No garden will be complete without this melon, as there has not yet been a melon produced that equals it in yield, flavor, shipping and keeping qualities. **Postpaid: Pkt., 5c; oz., 15c; ¼-lb., 50c; 1b., \$1.50.**



Golden Beauty

Golden Beauty

This is one we recommend as the best of the autumn varieties. It begins to ripen in August, and continues bearing and ripening all summer and fall until frost comes. The later fruits can be stored in a cool house or cellar, and will ripen slowly, so they can be marketed from time to time until late January or early February. Golden Beauty is bright yellow, about globular in shape, with wrinkled skin, slightly pointed at the stem end. The fruits are from 6 to 8 inches in diameter. Flesh thick and delicious. **Postpaid: Pkt., 5c; oz., 25c; ¼-lb., \$1.00; 1b., \$3.00.**

Winter Pineapple

This is one of the best of the late ripening winter varieties. As it ripens on the vines, it can be kept for a longer period in the cellar. The fruits are very solid and heavy, about 10 to 12 inches in diameter, thick at the base, and tapering at the top. The color is deep sea green, with mottled white and green at the bottom. Flesh pineapple color and flavor. **Postpaid: Pkt., 5c; oz., 25c; ¼-lb., \$1.00; 1b., \$3.00.**

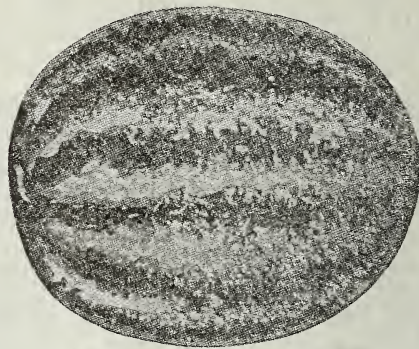
WATERMELONS

One ounce of seed will plant 30 hills, 4 pounds an acre

CULTURE A light, sandy soil, with good exposure to the sun, is best suited to Watermelons. The ground should be prepared deep. The seed should not be planted until the ground is warm and danger from frost passed. Plant in hills about 6 feet apart each way. If soil is thin old, well rotted manure should be thoroughly worked into the soil in each hill in liberal quantity. Plant 8 to 10 seeds in a hill, and when danger from insects has passed leave three or four of the strongest plants; this insures a good stand of plants in spite of the bugs. Should the vines grow very rank, the tips should be pinched off to check the growth. While the melon consists principally of water, it requires only a limited amount of moisture to produce a good crop. Cultivate often and well, but not deep, as the roots should not be disturbed.

No farm or garden, especially where there are children, is complete without a watermelon patch, as every child, as soon as they are old or large enough to know what a melon is, craves them, and the boys at least should be permitted and encouraged to grow a patch for themselves. There is nothing in farming or gardening that will so interest them, and the experience and pleasure derived therefrom will doubly pay them for their time and trouble. Watermelons are an easy and inexpensive crop to grow, and are a good substitute for fruit and vegetables, when they are usually high priced and difficult to secure. There are hundreds of different named varieties of melons on the market, but 12 to 15 different types cover the entire list, as the others are the same, only listed under other names. We list all of the standard varieties, which will enable the purchaser to select any variety they choose. The early melons are never so large and good as the later varieties. Cole's Early is the earliest variety of all, coming in a week or ten days earlier than any other. Fruits are oval and striped, with light and dark green. We recommend it only for earliness and short seasons. Early Fordhook is the largest and best early melon grown. It is next to Cole's in earliness, but much larger, fruit round, color dark green; flesh bright red and very sweet. An extraordinarily good early melon. Phinney's Early is an early and hardy melon; a medium sized long melon, with a thin, smooth rind; flesh pink and tender. Florida Favorite is a splendid early melon, only a few days later than the earliest. It is an oblong melon; skin dark green, slightly mottled with darker green; flesh deep crimson red, fine flavor and quality. Kleckley's Sweet, Rocky Ford, Halbert Honey and Tom Watson are all of the same strain and type; long, with green skin and deep red flesh and fine quality. Our seeds of these varieties were grown at Rocky Ford, Colorado; are acclimated to our western climate and conditions, and will grow a hardier plant and produce earlier melons in the South and East than seed grown in lower, warmer climates. Kleckley's Sweet and Rocky Ford have been grown commercially at Rocky Ford for years, and when these are obtainable other varieties are not wanted. Halbert Honey and Tom Watson are considered a little larger and later melon here than Keckley's and the Rocky Ford. Alabama Sweet is considered the best shipping melon on the market. It grows very large; it is an oblong striped melon; flesh bright red, with a tough rind. Ice Cream is an old standby, has been on the market for years, and but few melons surpass it in quality and productiveness. It has a thin rind, and is recommended only for the home garden and local market. Cuban Queen is one of the largest melons grown here; it is medium early and very productive; color green; striped, flesh red, crisp and sweet. Black Diamond is a large symmetrical melon, dark green, color almost black. An excellent shipping melon. Georgia Rattlesnake is one of the largest, oldest and most popular melons, especially in the South; melons oblong, light green color, distinctly striped and blotched. Flesh bright scarlet, crisp and sweet. Kolb's Gem is another old standby. The melons are large, oval, skin dark and light striped. Flesh bright red, sugary flavor. McIver's Sugar resembles the Rattlesnake, and no doubt is from the same strain. Is striped like the Rattlesnake; flesh pale pink, thick and sweet.

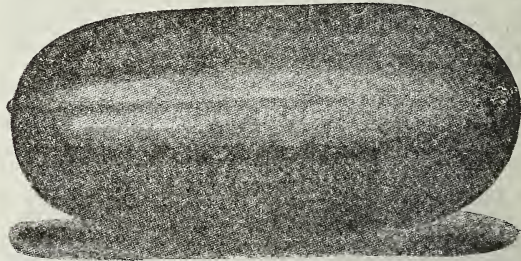
Kolb's Gem The melons are large, of a thick, oval, blocky form. The skin is dark and light stripes. The flesh is bright red, of a rich, sugary flavor. Time for ripening 90 days; average weight 25 pounds. Postpaid: Pkt., 5c; oz., 10c; 1/4-lb., 25c; lb., 85c.



Cole's Early

Cole's Early This is the earliest variety of all, coming in a week or ten days earlier than any of the rest. Fruits are oval and striped with light and dark green. It is too small for shipping purposes, but for home use or localities where the season is short, it is very desirable. Time for ripening 80 days; average weight, 20 pounds. Postpaid: Pkt., 5c; oz., 10c; 1/4-lb., 25c; lb., 85c.

Ice Cream This is an old standby; has been on the market many years, and but few, if any, varieties surpass it for quality and productiveness. It has a thin rind and will not stand shipping any distance. It is an excellent melon for the local and home market. Average weight 20 pounds; time for ripening 90 days. Postpaid: Pkt., 5c; oz., 10c; 1/4-lb., 25c; lb., 80c.



Tom Watson

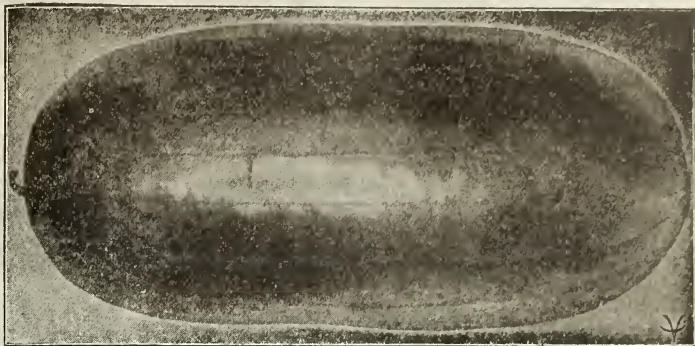
Tom Watson An extra long melon of striking appearance, uniform in shape and quality. Its luscious, crimson flesh is as sweet as honey, melting and superb flavor. Tom Watson is a long, green melon, covered with a fine netting, giving it a most attractive appearance. The average melon weighs 40 to 50 pounds, and measures about 28 inches long, and about 12 inches in diameter. The flesh is of most superb quality, and is of intensely red color. The rind is thin, but hard and tough, so that it is unequaled as a market and shipping sort. Time for ripening 90 days. Postpaid: Pkt., 5c; oz., 10c; 1/4-lb., 30c; lb., \$1.00.

Kleckley's

Sweet This splendid watermelon has become popular wherever grown. The melons are very large, oblong in form, and with dark green skin, thin rind, which is very brittle, too brittle to attempt to ship a very great distance. Flesh bright scarlet, with solid heart, delicious, crisp, sugary and splendid in every way. Handsome in appearance; ripens early, and is especially desirable for home garden. Time for ripening 85 days; average weight 25 pounds. **Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 85c.**

Black Diamond

One of the most prolific watermelons grown in this territory. Color rich, dark green, almost black, symmetrical in shape. Very large, and an excellent shipper. Possesses all the good eating qualities. Time for ripening 90 days; average weight 30 pounds. **Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 85c.**



Kleckley's Sweet

Alabama Sweet

The rind is dark green, marked with deeper green mottled stripes, medium thin and very tough rind, making the melon a first-class shipper. The flesh is bright red, fine grained, sweet, firm and entirely stringless. Seeds white, slightly smeared with brown. Time for ripening 85 days; average weight 30 pounds. **Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., \$1.00.**

Phinney's Early

A very sure cropper; vines vigorous and fruiting quite heavy. Fruit oblong and striped with two shades of green; rind thin, flesh pink and tender; not a good shipper; seeds white with black tips. Time for ripening 85 days; average weight 15 pounds. **Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 85c.**

Florida Favorite

A splendid oblong melon, only a few days later than the very early varieties. Skin dark green, slightly mottled with still deeper green shade. Flesh deep crimson red, of finest flavor and quality. Time for ripening 80 days; average weight 20 pounds. **Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 85c.**

Mclver's Sugar

An oblong fruited, large variety melons, averaging about 20 inches in length. Skin marked with broad stripings of light green on a dark ground. Flesh pale pink; very crisp, thick and sweet. An excellent shipper. Time for ripening 100 days; average weight 30 pounds. **Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 85c.**

Mustard

One ounce of seed will sow 100 feet of drill

CULTURE

When used for salads sow thickly in shallow drills, 6 inches apart. Successive sowings may be made every week or two. When grown to produce seed for use in pickles, pepper sauce, etc., sow early in rows about a foot apart and 3 inches apart in the row.

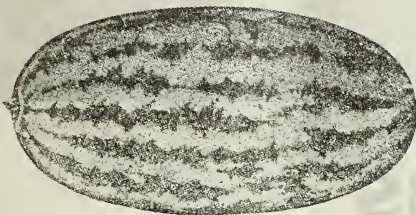
White English

Leaves comparatively small and smooth, deeply cut or divided and of medium dark color. Plant upright, of rapid growth, and soon bolts to seed. Leaves when young are mild and tender; seed light yellow and larger than other varieties. **Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 75c.**

Southern Giant, Curled

Leaves bright green, crimped and frilled edges. Highly esteemed for its vigorous growth, hardiness and good qualities. **Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., \$1.00.**

Mrs. A. F. Hack, Hooper, Colo.—Your seeds gave good satisfaction, and we had a good garden. The late frost in June kept some things late, and we had to replant some. Two years ago we ordered part of the seed from your house and part from another firm, and your seeds gave the best satisfaction. Last spring we ordered all our seeds from you and will next spring.



Georgia Rattlesnake

Georgia Rattlesnake

One of the largest, oldest and most popular melons, particularly in the South. Melons oblong of light green color, distinctly striped and blotched with dark shade. Flesh bright scarlet, crisp and sweet. Time for ripening 80 days; average weight 25 pounds. **Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 85c.**

Early Fordhook

The largest and best early melons grown. Next to Cole's Early in time of ripening, but much larger in size. Fruit round, color dark green, with an occasional stripe of lighter green. The bright red flesh is extremely attractive, and deliciously sweet. It is well adapted to heavy as well as light soils. A good shipper. Time for ripening 85 days; average weight 25 pounds. **Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., \$1.00.**

Rocky Ford

The oldest and for years the most prominent melon in the Rocky Ford district. It is oblong and a little inclined to be pointed; the rind is thin and a deep green color. Still retains its notoriety for sweetness, and is grown largely in every section of the state. **Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 85c.**

Citron, Red Seeded

Most desirable for preserves; flesh solid and white. **Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 85c.**

Halbert Honey

The introducer of this melon describes it as being equal in flavor and as handsome as the Kleckley's Sweet, and much more productive. A very sweet, long, dark green melon, averaging from 18 to 20 inches in length. Has a thin rind and deep red meat of delightfully delicious flavor. Entirely free from stringiness. An early variety. Will ripen in the Northern states if planted in a good location. Time for ripening 85 days. Average size 25 pounds. **Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., \$1.00.**

Cuban Queen

It is an enormous yielder, oval in shape, skin striped light and dark green, flesh bright red, solid. Seeds black. Time for ripening 90 days. A good shipper. Average weight 30 pounds. **Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 85c.**



A Field of Onion Seed on the Burton Seed Farm

ONIONS

One ounce of seed will sow 100 feet of drill; 4 pounds an acre

CULTURE Onions do best on a rich loam, which has been heavily manured and well cultivated for several years previous. There is no crop in which a liberal use of manure is more essential. It should be of the best quality and well rotted before applying, as fresh manure invariably results in heavy tops, soft bulbs and many scallions. The land should be plowed deeply in the fall, disked, harrowed and smoothed ready for seeding in the spring. As soon as the frost is out of the ground in the spring and ground in condition to work, the land should be re-disked and harrowed and smoothed, when it will be ready for seeding. In the vicinity of Denver there is usually a thaw in February which will permit the seeding of onions then. Otherwise sow as soon as can after the frost is out of the ground, and the earlier in the season the better the crop. Onion seed are slow to germinate, and when sown early it takes four to five weeks to get them up. They are a hardy plant and a heavy frost or light freeze will not kill them. Where all cultivation is to be by hand, drill the seed in rows 14 to 15 inches apart, using from 3½ to 4 pounds of seed to the acre. Where cultivation is to be by horse, make the rows 12 and 20 inches apart, the 20-inch row is for the horse to walk in and for the irrigating ditch where irrigation is used. We use the latter method entirely on our farm, and find we can grow the crop much more cheaply and satisfactorily than with all hand work. When the onion sprouts begin to come through the ground wheel hoe them very lightly to prevent the weeds and grass getting a start with the onions. Continue to wheel hoe or cultivate them regularly during the season. With good soil and proper cultivation 400 to 500 sacks per acre is not an uncommon yield.

The onion belongs to the class of crops which gives best results under very intensive culture, and the greatest yields are secured where a moderate acreage is planted and the work conducted in a most thorough manner. There is nothing technical or difficult about the growing of onions, but close attention and frequent cultivation are essential. Once the weeds get a start, the cost of production will be greatly increased, or the crop may be lost altogether. The cultural requirements of the onion are frequent shallow stirring of the soil and freedom from weeds. The feeding roots of the onion run close to the surface of the soil, and should not be disturbed by deep cultivation. Sometimes a heavy rain immediately after seeding will so pack the surface that the seedlings cannot break through. Under such circumstances it will be necessary to slightly break the surface by means of a steel rake or a rake-like attachment on a cultivator. As soon as the plants are up and the rows can be followed the wheel hoe or cultivator should be started to loosen the soil, which is always more or less compacted during seeding.

Thripp, Blight and Root Maggot are the three worst enemies or elements to contend with in the production of onions. Thripp is usually the result of poor soil, poor cultivation or drought—either of which will cause them, and for this reason a rich, moist soil is best suited to onions. Upon the first appearance of Thripp, cultivate the ground well, if it needs it, then spray the onions thoroughly, every few days if necessary, with a solution containing 5 gallons of kerosene emulsion, 1 pint of Black Leaf, 40 or 1 pint of Nicotine to 50 gallons of water, and if the kerosene emulsion is made with whale oil soap so much the better, as it is also a good insecticide. We always use it in making our emulsion. Blight is a fungus disease and generally the result of too much moisture, as it usually follows excessive rains or too much irrigation. This disease is difficult to control, good and frequent cultiva-

tions when the ground and weather will permit, with thorough and repeated spraying with a strong solution of Bordeaux Mixture are about the only remedies we have found any ways effective. By planting on ground well drained, with sufficient slope to enable the water from excessive rains to run off quickly, blight may be prevented. The root Maggot seems to be the most damaging element to contend with. After the soil once becomes infested with them they are hard to control, as they have been known to remain in the soil for several years after being infested. Our observation and experience have been that the eggs or larva from which the Maggots are hatched, are deposited on the seed before they are harvested or are deposited on the onions just before harvesting, hatching out the next season after the seed or onions has been planted and the weather and ground warm enough

THE MAIL ORDER SEED HOUSE OF THE WEST

to hatch them. We have seen during the hot summer months onion seed in sacks and bins literally alive with these root Maggots, which had hatched out during the hot weather, and which is conclusive evidence the egg is deposited on the seed prior to harvesting them. After we discovered this we began treating our seed with Blue Vitrol before seeding, the same as you treat wheat for smut, and since we began this have not been troubled with the Maggots. If the ground is infested the best remedy is to rotate the crops which will eventually eradicate them.

The onion holds third place among the truck crops grown in the United States. In olden times the production of onions was confined to the alluvial river valleys, but the improvement and adaptation of varieties has made it possible to grow this crop under widely diverse conditions, and there is not a state in the United States but where some variety or varieties can be successfully grown. The market for onions includes practically the entire commercial world, and the demand for a good article continues throughout the entire year. In the selection of varieties for any particular locality the soil, climate and market requirements should be considered. Certain of our markets show a decided preference for onions belonging to a particular type. It should be the aim of every grower to select the varieties best suited to his soil and climate, and at the same time find ready sale on his market. Our local market and the markets north and west of us prefer yellow onions—while the markets south and east of us prefer a red onion, which gives us a market for either variety, enabling us to grow the variety best suited to our soil and climate. There is also a large local and shipping demand here for the white bunching onion.

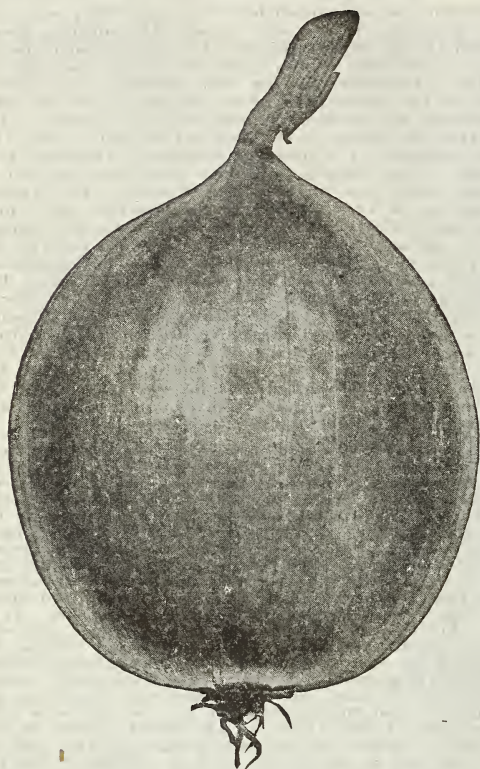
There are two distinct types of onions. The Flat and the Globe-shaped. The flat varieties usually mature earlier than the globe-shaped, but do not keep so well. The flats are grown more largely in dry climates, and where they have short seasons. They are not so well suited to sections subject to excessive rains or moisture, as the water collects in the flat crown around the neck of the onion and often causes decay. The globe-shaped is by far the best all around onion, and are in best demand in all markets. As a rule they do not mature quite as early as the flat type, but are better yielders, as they are oblong or globe-shaped and can be sown thicker and produce more onions. The globe-shaped onions are grown almost exclusively in the West, where they grow to perfection. For years the Yellow Globe Danvers was the leading yellow onion grown throughout the country, and in many districts is still the leader, but in recent years a more oblong type of yellow globe, such as the Ohio Yellow Globe and Michigan Yellow Globe, have in many districts supplanted the Globe Danvers, as they mature about as early and are considered more prolific. For thirteen years we have been improving and perfecting a strain of the Ohio Yellow Globe, which we call the MOUNTAIN GLOBE. The seed and the seed bulbs were grown by us under our personal supervision, and by carefully selecting each year the first bulbs to mature of the most perfectly shaped types, with rich bronze colored skin and small necks, we have produced the earliest maturing, most perfect globe-shaped, best colored, best yielding and best keeping onion on the market today, and one could better afford to pay \$10.00 per pound for this seed than to plant the common types as a gift. We pride ourselves on this particular strain, as we know from years of experience we have in this onion the hardest, earliest, most prolific and most perfect Globe onion yet produced, and we will stake them against any other Globe onion on the market. This onion is not only adapted to the mountains, but produces equally as well in lower altitudes. In fact, is an ideal onion for humid sections, as its globe-shape and hardness protects it against excessive moisture. We also have a distinct strain of the flat type Danvers, which is known as MOUNTAIN DANVERS. This strain is grown on the Western Slope of Colorado at an altitude of over 7,500 feet by an old expert onion grower, who has been growing onions over there for 20 years, and who has developed a strain that outyields any other strain or type yet tried in the mountains, and which is perhaps being more largely grown in the mountain districts

and short season localities than any other onion on the market. It is very hardy, thoroughly acclimated to the mountains and Western conditions. In shape it is semi-globe, being more flat than globe. It has a beautiful brown skin, matures very early, and for the mountains, short seasons or extra early maturing we cannot recommend it too highly. The Australian Brown is the earliest of any of the yellow varieties; it is also the hardest. In shape it is slightly oval, nearly flat, has very dark brown or amber skin, and an excellent keeper. The Yellow Strasburg is very similar to the Danver. It is perhaps more flattened in shape, with a darker yellow skin; ripens early and is the leading variety for set purposes. The Prizetaker and Giant Gibraltar are very similar in shape, color and habit. The bulbs are oval-shaped, nearly round; skin yellowish straw color. Flesh white, mild and tender. These are both later maturing and in this latitude the seed should be sown in hot beds early in January and transferred to the field as soon as the ground can be worked in the spring. They are enormous yielders, of striking appearance, and command top prices on all markets.

The red onion is preferred in nearly all Southern and Eastern markets; it is also more popular with the hotel and restaurant trade, as the reds do not discolor when fried, as do other varieties. The Southport Red Globe is by far the most popular for commercial purposes. It is a heavy yielder and a good keeper. The extra early red flat is grown more largely in the home garden, as it is very early, very mild and specially adapted to home use. The Red Wethersfield is an old standby, and there are many who prefer it to any of the reds. It is very hardy and will adapt itself to soil and climatic conditions better than any other onion. It grows very large; is more flat than globe-shaped, with dark purple red color. Its hardness, shape, color and keeping qualities make it ideal for set purposes, and practically all of the red sets produced are of this variety. The White Onion is not so hardy, prolific or as good keeper as the reds or yellows, but is milder and not so pungent. Therefore is best for boiling, slicing and eating raw. The Mammoth Silver King grows the largest and is more striking in appearance than any of the whites. It is the most popular white with market gardeners for boiling purposes. The White Globe is also an excellent white that is grown for boiling purposes. It is considered harder and more prolific than the Silver King, and will keep longer. The White Portugal is the most universally grown of the whites, as it is good for boiling, good for bunching, and good for onion sets. It is very early; bulbs flat, but thick through, mild flavored and of excellent quality. This is the variety from which our beautiful white sets are grown. The Crystal White Wax is the large flat onion grown so largely in Texas and the South, where they can be started early in the fall and mature in April, before other districts come in. They are very mild and tender, but will not keep long after harvesting. The New Queen is a beautiful, small onion, grown for both pickling and bunching. Is quite early, very mild flavored. The White Barletta is the earliest white onion grown. It is very small and grown almost exclusively for pickling purposes. The White Lisbon is the favorite white for bunching purposes. Acres of them are grown here by the gardeners for bunching for the local and shipping trade. It is very hardy, can be sown in late summer or early fall for the early spring trade.

Large Red Wethersfield A very popular standard variety. One of the best yielders as well as keepers. Shape well flattened, but thick thru, large and heavy, skin purplish red, smooth and glossy. An excellent onion for winter markets. It grows well on poor soils, and in the South. Is not well adapted to muck lands. This is the onion from which our Red Bottom sets are grown. Postpaid: Pkt., 5c; oz., 25c; ¼-lb., 75c; 1b., \$2.50.

Extra Early Red Flat A medium size flat variety. Yields well, and is ready for use two weeks earlier than the large Red Wethersfield, and very desirable for early market and where seasons are short. Postpaid: Pkt., 5c; oz., 25c; ¼-lb., 75c; 1b., \$2.50.

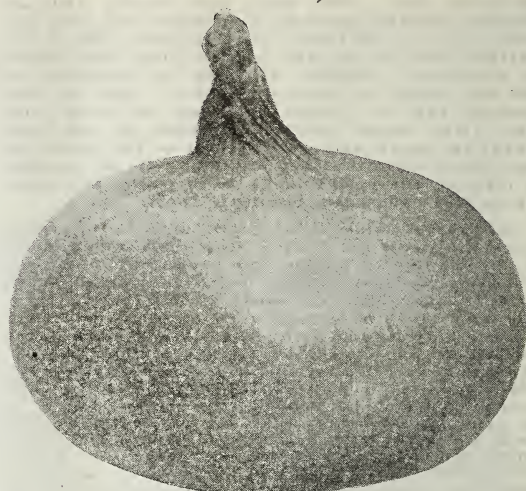


Southport Red Globe

Southport Red Globe In all markets, globe-shaped onions are in best demand, the Southport Red Globe being the most popular and best seller in Southern and Eastern markets. Should be grown more largely here, as it commands 5 to 10 cents per cwt. more from the shipping trade than the yellows. The bulbs are ideally globe-shaped, with small neck, and deep red color. A very heavy cropper and good keeper. **Postpaid: Pkt., 5c; oz., 30c; ¼-lb., 75c; ½-lb., \$1.40; lb., \$2.75.**

Mountain Danvers This is a distinct strain and type of Yellow Globe onions; developed in the mountain valleys on the Western Slope of Colorado, where hundreds of carloads of them are grown yearly. This onion has the appearance of being a cross between the Early Flat Danvers and the Giant Gibraltar, producing a large, semi-globe shaped onion, especially adapted to high altitudes; the seed we are offering being grown by the originator at an altitude of over 7,000 feet. It is the earliest and most prolific onion grown in the Middle West, 600 bags per acre being a common yield among the best growers. The bulbs are large, slightly flattened, with a beautiful brown or bronze color, and a good keeper. You could not induce a Western Slope onion grower to grow any other strain when Mountain Danvers are obtainable. If you are growing onions anywhere in the mountain districts, by all means grow Mountain Danvers, the earliest, most prolific, and surest cropper for the Western grower. We grow plants of this variety which we can supply in any quantity after April 1st as quoted below. **Postpaid: Pkt., 5c; oz., 30c; ¼-lb., \$1.00; ½-lb., \$1.50; lb., \$2.50. Plants, per doz., 40c; per 100, 60c; per 1,000, \$5.00.**

J. P. Holladay, Garland, Wyo.: "I only got Onion Seed—Mountain Danver variety—and can say it is all that your catalog claims it to be. It is the earliest onion, the most handsome onion, that I ever grew. Out of 1½ lbs. of seed I didn't get one thick neck. Seed planted April 25th and the crop harvested August 15th. They are fully a month



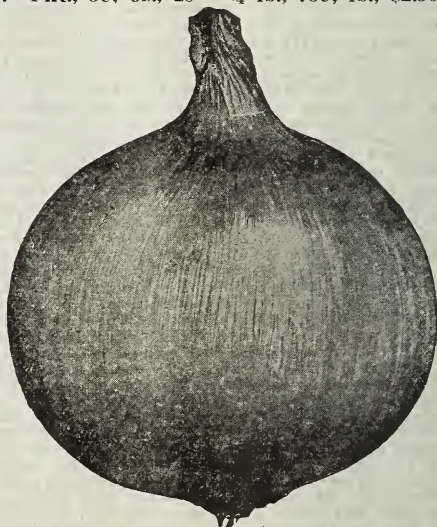
Mountain Danvers

earlier than any of the other Danver varieties. I have grown them all. This year's crop of onions was complimented by all our customers. Success to the Burton Seed Co."

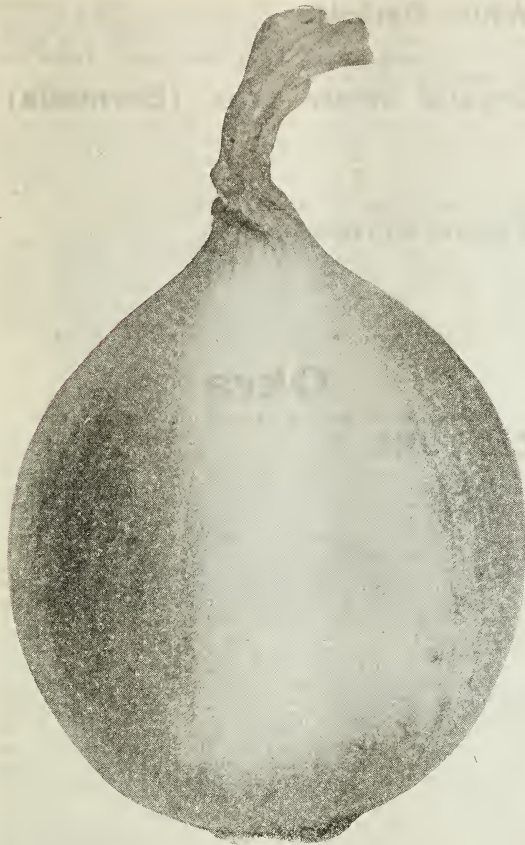
Yellow Flat Danvers A splendid extra early variety for either market or home use. Very productive; medium size, round, flat, small neck. Flesh white, fine grained and mild. **Postpaid: Pkt., 5c; oz., 25c; ¼-lb., 75c; ½-lb., \$1.25; lb., \$2.25.**

Australian Brown This remarkable onion is medium in size, hard and solid, most attractive in shape and appearance for the market, it having a beautiful amber brown color. It is one of the earliest of the globe-shaped yellows, but not so large or as heavy a cropper as some. Noted for its keeping qualities. **Postpaid: Pkt., 5c; oz., 25c; ¼-lb., 75c; ½-lb., \$1.25; lb., \$2.25.**

Yellow Globe Danvers One of the best and most extensively grown yellow onions. Bulbs are uniformly globe-shaped, small neck, and it is an enormous yielder and fine keeper. We have used the utmost care in selecting our seeds of this variety, and can recommend them to the most critical grower. **Postpaid: Pkt., 5c; oz., 25c; ¼-lb., 75c; lb., \$2.50.**



Yellow Globe Danvers



Burton's Ohio Yellow Globe

Ohio Yellow Globe (Burton's Strain).—

We have made a specialty of Ohio Yellow Globes on our vegetable farm for the past thirteen years, and consider this strain by far the best onion for this territory. We grow our own seed of this variety, and for thirteen years have improved the stock yearly. Our Mr. Burton, personally, superintends the selecting of bulbs for seed purposes, and only perfect types, with small necks, thick layers of outside skin, of rich orange yellow color are selected; and after thirteen years of selecting carefully the most perfect bulbs each year, we have succeeded in producing the best strain and quality of Yellow Globe onions on the market today. They not only yield from 30 to 50 per cent more than the common strains, but mature from two to three weeks earlier. A grower can better afford to pay \$10.00 per pound for this seed than to accept the common stock as a gift and plant it. If you want the best yielder, best quality, and earliest onion on the market, plant Burton-grown seed of the Ohio Yellow Globe type, and you will have it. Postpaid: Pkt., 5c; oz., 25c; ¼-lb., 75c; ½-lb., \$1.40; lb., \$2.50.

Yellow Dutch or Strasburg A splendid variety for sets. The bulbs are very similar to Yellow Danvers, excepting they are a little more flattened, and have a darker yellow skin. Ripens early, and is a splendid keeper. This is the onion from which our fancy bottom sets are grown. Postpaid: Pkt., 5c; oz., 25c; ¼-lb., 75c; ½-lb., \$1.25; lb., \$2.25.

New Queen, Small Noted for its earliness and mildness of flavor. For early bunching and pickling. Postpaid: Pkt., 5c; oz., 40c; ¼-lb., \$1.25; ½-lb., \$2.00; lb., \$3.75.



Burton's Mountain Globe

Mountain Globe For the past 13 years we have made a specialty of growing Yellow Globe Onions on our Seed and Vegetable Farm, and the Mountain Globe Onion is a distinct strain of our own production. We do not hesitate in saying it is the best, most perfect globe-shaped Yellow Onion yet brought out for the mountains, high altitudes and short season districts. The seeds were grown by us at an elevation of over 5,000 feet from specially selected bulbs that in shape, habit and productiveness, appear to be a cross between the Yellow Globe Danver and Ohio Yellow Globe. In shape, being more oblong than the Danver, and not quite so much so as the Ohios. It has the earliness of the Danver and the large size of the Ohio, with a thick, heavy, beautiful bronze or amber skin, small neck, curing down very close, bulbs almost perfect globe-shaped, large, solid, splendid keepers. This strain is thoroughly acclimated to the mountains and Western districts, hardy and vigorous, producing enormous yields of the finest size, finest shape, finest color and finest keeping qualities of any onion we have ever grown or known. If you want a strictly Western grown, acclimated, hardy Yellow Globe Onion, try Burton's Mountain Globe; it is all we claim for it. Postpaid: Pkt., 5c; oz., 30c; ¼-lb., \$1.00; ½-lb., \$1.50; lb., \$2.50.

Prizetaker A very handsome, large onion, nearly globular in shape. Skin yellowish straw color. Flesh white, mild and tender. When seeds are started early in hotbeds and transplanted, they make an enormous yield, and command fancy prices from the restaurant and hotel trade. Postpaid: Pkt., 5c; oz., 30c; ¼-lb., \$1.00; ½-lb., \$1.75; lb., \$2.75.

White Globe White onions are the mildest flavored and command the highest market prices when they are true globe-shaped and free from stain. Our strain of White Globe onions meet these requirements, having a thin skin of purest whiteness. The flesh is crisp, fine grained, very white and mild. As soon as ripe, bulbs should be stored in a cool, darkened shed or dry cellar. Postpaid: Pkt., 5c; oz., 40c; ¼-lb., \$1.25; ½-lb., \$2.00; lb., \$3.50.

Mammoth Silver King In appearance the most striking onion grown. Its large size, symmetrical appearance, and beautiful silvery flesh, with its mild, sweet flavor, make it the most popular onion of its kind on the market. Postpaid: Pkt., 5c; oz., 40c; ¼-lb., \$1.25; ½-lb., \$2.00; lb., \$3.50.



White Portugal or Silverskin

White Portugal or Silverskin

A universal favorite with gardeners. It is early; bulbs flat, but thick thru, with thin, white skin. Mild flavored, and of good quality. They are grown for sets, for green onions, or for bunching, and for fall or early winter use. This is the onion from which our Fancy White Bottom sets are grown. Postpaid: Pkt., 5c; oz., 30c; ¼-lb., \$1.00; ½-lb., \$1.75; lb., \$3.25.

White Lisbon

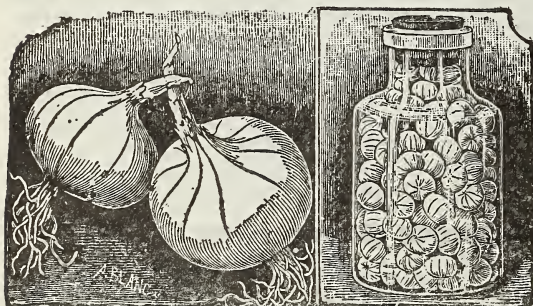
This is the best and most profitable variety of the bunching sort; acres of them being grown here by the gardeners for bunching for local and shipping trade. Postpaid: Pkt., 5c; oz., 25c; ¼-lb., 75c; ½-lb., \$1.25; lb., \$2.25.

Giant Gibraltar

This is the largest of yellow onions, often called "Spanish Onions." The bulbs are as round as an orange, often much larger, and of a light yellow straw color. The flavor is very mild. The onion will keep all winter if thoroughly matured, well cured, and stored in a cool, dry place. The seed of this onion should be sown in January or February, in hotbeds or greenhouses, and transplanted to the open ground when weather permits. We grow plants of this variety which we can supply in any quantity after April 1st as quoted below. Postpaid: Pkt., 5c; oz., 50c; ¼-lb., \$1.40; ½-lb., \$2.50; lb., \$4.00. Plants, per doz., 40c; per 100, 60c; per 1,000, \$5.00.



White Lisbon



White Barletta

White Barletta The earliest onion grown here. One of the best for pickling, being small, pure white, mild, and delicate. Postpaid: Pkt., 5c; oz., 40c; ¼-lb., \$1.25; ½-lb., \$2.00; lb., \$3.75.

Crystal White Wax (Bermuda)

The most attractive onion in the world. It is a waxy white, of the finest flavor, and quality. It is the onion that is grown so largely in the South and commands a premium over any other onion in the leading markets. Postpaid: Pkt., 5c; oz., 30c; ¼-lb., \$1.00; ½-lb., \$1.75; lb., \$3.25.

Yellow Bermuda This is the standard variety grown so largely in Texas. It is the most hardy of all sorts, very prolific, less affected by disease, and will yield more than any other variety. It is identical with the White Bermuda, only it produces an onion somewhat yellow in appearance. Postpaid: Pkt., 5c; oz., 30c; ¼-lb., \$1.00; ½-lb., \$1.75; lb., \$3.00.

Okra

One ounce of seed will sow 100 feet of row

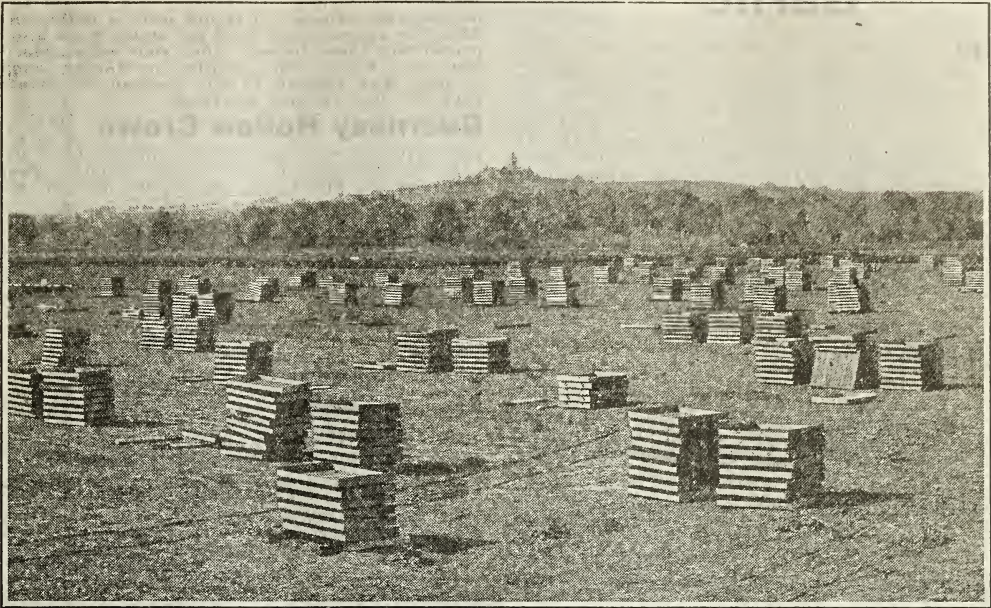
CULTURE Okra is a warm weather plant, and a rich warm soil is best suited to its proper growth. Throughout the Northern states planting should be done as soon as the soil is warm and danger from frost has passed. In the Southern states plantings may be made as early in the spring as the ground is warm enough for the planting of general garden seed, and if a continuous supply is desired, successive seedings of two to three weeks apart may be made. Seeds may be planted in rows 2½ to 4 feet apart, the same as peas and beans, thinning out 15 to 18 inches apart in the row. In the Northern states plants may be started in green houses or hot beds early and transplanted to the field when danger from frost has passed. Cultivate same as beans and peas. Poor soil and insufficient moisture will yield pods of inferior size and quality. The Okra plants will usually continue to grow until late in the season, but after a time the pods are not so large or tender as those produced earlier. As the pod is the only part of the plant ordinarily used for food, it is desirable to secure a rapid and continuous growth in order to produce the greatest quantity of edible pods. As soon as the pods are large enough for use they should be gathered each day. If permitted to remain on the stalk and mature, it stops the plant from setting new pods. Okra or Gumbo, as it is commonly called, is a tropical annual plant. It is but little known in the West, but is highly esteemed and largely grown throughout the South, where the seed pods are used in soups and various culinary dishes in which meats form an important part, and to which it imparts an aromatic flavor. Some persons may not like the flavor of Okra at first, but after eating a few times of dishes containing it a taste is acquired. Okra has been grown and used for years in the South, where it is found in almost every garden, and is increasing in popularity in the North, as its merits become better known. Some of our Colorado patrons report good success with it here.

This vegetable is but little known in the West, but is highly esteemed in the South. The seed pods are used in soups when young and tender, to which it imparts an aromatic flavor. They are also stewed and served with butter; also prepared as a salad. It is a very delicious vegetable, and should be grown more largely in the West.

White Velvet An entirely distinct variety. The pods are round and smooth, but covered with a fine fibre resembling velvet. It is one of the very best varieties. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 65c.

Mammoth Long Pod This extraordinary variety is not only the most productive known, but grows enormous sized pods, and is earlier than any other variety. It is not only highly prized by growers, but owing to its tenderness is preferred by canners, who preserve it hermetically for winter use. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 65c.

Dwarf Green Plants are about 3½ feet in height and very prolific. Pods are white, long, smooth, tender, and of good quality. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 65c.



Harvesting Onion Sets on the Burton Seed Farm

ONION SETS

One quart will plant 20 feet of row 12 to 15 bushels an acre.

For Onion Sets, Onion Seed and Onion Information, We Are Headquarters

CULTURE Soil requirements the same as for onion seed. Place the onion sets 3 to 4 inches apart according to size, 3 inches deep, in rows 1 foot apart. It is customary to furrow out the soil with a little hand plow early in the spring, set the onion in this furrow right side up, and cover with a garden rake, and if the soil is dry it should be well firmed over the sets. Twelve to fifteen bushels of sets required for an acre.

Colorado and the Middle West are fast developing the Onion Set industry. We have the soil, the climate and every element necessary to the production of the best sets grown, and we predict it will be only a few years until the principal production of sets will be transferred from the East to the Middle West. Our soil is a rich, sandy loam, ideal for sets. We have plenty of water for irrigating, that can be applied when needed, insuring a steady growth from seeding until harvesting. Our summers are dry, and when the plants have reached the proper size can be quickly matured by withholding the water from them. Our falls are dry and ideal for harvesting them. Our winters are cold, dry and fine for keeping them, and with all these elements in our favor, we are producing the finest sized, the finest shaped, the finest colored and the finest keeping set that has yet been produced and which is commanding a premium on all mar-

kets where sold. We specialize in sets. We grow on our own farm, under our personal supervision, all of the sets required for our Wholesale and Retail trade, and some for other Seedsmen. We have spent thousands of dollars for crates to harvest and store them in, sheds to dry and cure them in, and large, specially constructed warehouses to store them in, and feel safe in saying that we have more sets and better sets than all other seed dealers in the state combined. If you want sets that were grown right, cured right, stored right; sets that were grown right here on our seed farm under our personal supervision and not some eastern grown, water soaked stock that has been stored in a damp warehouse and hauled across the continent in perhaps a close, musty car, causing them to bruise and sprout—send your orders to The Burton Seed Company and you will get them.

Sets 32 lbs. to Bushel.		By Parcel Post, Prepaid			Freight or Express at Purchaser's Expense			
	Qt.	¼-Bu.	½-Bu.	1 Bu.	Qt.	¼-Bu.	½-Bu.	1 Bu.
Yellow Bottom Sets.....	30c	\$1.75	\$3.25	\$6.00	25c	\$1.50	\$2.75	\$5.00
Red Bottom Sets.....	30c	1.85	3.50	6.50	30c	1.65	3.00	5.50
White Bottom Sets.....	35c	2.00	3.75	7.00	30c	1.75	3.50	6.00
White Multipliers.....	40c	2.75	5.00	.....	35c	2.50	4.50	.....

White Multipliers These make green onions for early spring bunching, are enormously productive, frequently producing as many as 20 bulbs in a single cluster from one bulb planted.

White Bottom These are small, solid and of a beautiful silvery white. A favorite sort for the private and market garden.

Yellow Bottom The most largely grown variety. Sets fine and dry, medium size, no sprouts.

Red Top Sets These are planted to produce both early green onions, and large eating onions.

Red Bottom Sets Bright, deep red in color, even and dry. A very popular variety.

Garlic

Garlic The garlic is a bulbous plant, well known for its strong and pungent taste. The plant seldom flowers in our climate, and is propagated by means of the cloves, for which the outside ones should be taken in preference to the inner ones, which are not so well developed. They like a rich, well-drained soil. If planted in damp ground, or watered too much, they will rot. Plant the cloves in shallow drills about 1 foot apart, and six inches apart in the rows, covering them to a depth of one to two inches. Plant about same time as onion sets. **Postpaid: Lb., 75c; 2 lbs., \$1.40.**

Leek

One ounce of seed to 100 feet

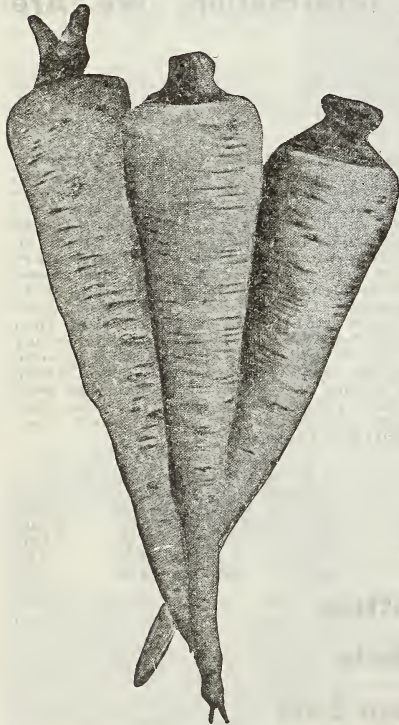
CULTURE Sow in early spring in rows about 1 foot apart and 1 inch deep. When 6 to 8 inches high transplant 4 to 6 inches apart, in rows about 12 inches apart, setting the plants in the ground up to their center leaves, and as they grow draw the soil around them. This process tends to bleach the leek, and to make more palatable the edible portion.

American Flag This is a strong growing variety, producing large, thick stems of sweet flavor, when properly blanched. **Postpaid: Pkt., 5c; oz., 20c; ¼-lb., 75c.**

Large Rouen Stems very large, but comparatively short. Leaf broad, covered with whitish blooms. Stands a long time in condition for use. **Postpaid: Pkt., 5c; oz., 20c; ¼-lb., 75c.**

Parsnips

One ounce of seed will plant 200 feet of drill; 3 pounds an acre



Guernsey's Hollow Crown

CULTURE

Sow as early in the spring as the weather will permit, in rows about 18 inches apart and about 1 inch deep, in a deep, rich soil. When the plants are about 2 inches tall, thin out to 3 to 6 inches apart in the rows. The quality of the roots is improved by leaving them in the ground over winter for spring use. Parsnips are valuable for stock feeding, as well as for table use. If grown on a large scale make the rows wide enough to allow cultivation by horse-power.

The parsnip is one of the hardiest and most nutritious of garden vegetables, and should be more universally grown. It is not only a delicious table dish, but an excellent food for stock, hogs and cattle preferring them to any other root vegetable. They are very hardy and prolific, producing enormous crops. May remain in the ground all winter, as they are not affected by frost.

Guernsey Hollow Crown Half long, s m o t h, large, tender and sweet. One of the best, and the only kind grown here to any extent. **Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1b., 85c.**

Parsley

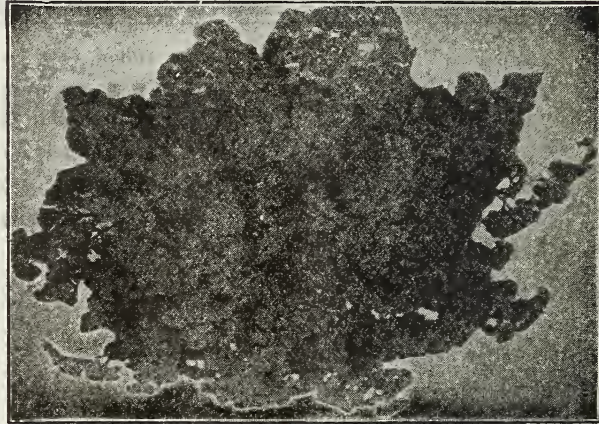
One ounce of seed will plant 150 feet of drill; 3 pounds an acre.

CULTURE Parsley succeeds best on rich, mellow soil. The seed is very slow to germinate, and should be sown as early as possible in the spring. Sow in rows 12 to 18 inches apart, covering from one-half to an inch deep with fine soil, firmly pressed down. When the plants are about 3 inches high thin to about 6 inches apart in the row.

Parsley is used largely for seasoning soups and stews; also for garnishing, and for salads.

Hamburg Rooted or German

The edible roots resemble small parsnips. Is esteemed for flavoring soups, stews, etc. **Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; 1b., \$1.25.**



Champion Moss-Curled A choice, selected strain. Beautifully crimped, curled leaves. The color is rich green, making it the very best for garnishing. Its pleasant, aromatic flavor is unsurpassed. Very slow to go to seed and quite hardy. **Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 30c; 1b., \$1.00.**

Double Curled A very compact, curly, fine cut, bright green variety. The market gardener's favorite. **Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 30c; 1b., \$1.00.**

Mushrooms

The best results are obtained by the use of Lambert's Pure Culture Spawn, which is largely used by the most successful growers. This is an American make of spawn. It produces mushrooms of excellent quality and large size, this being due to the fact that the spawn is obtained by a process of grafting, only large and vigorous specimens of mushrooms being used for the purpose.

Full and explicit instructions for growing are sent by us free with all orders for spawn: **Postpaid: Per brick, 45c; 10 bricks, \$4.00.** By freight or express at purchaser's expense: **Per brick, 40c; 10 bricks, \$3.75.**

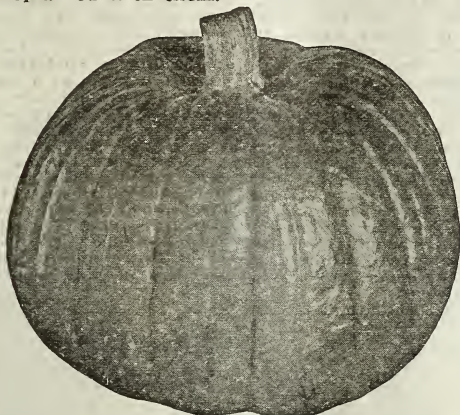
Pumpkin

One ounce of seed will plant twenty hills; three pounds an acre

CULTURE

Pumpkins are very similar in culture to the squashes and other vine crops, except that they are not so particular as to soil and cultivation. In the latitude of Denver they may be planted during May in the garden or in the corn field in hills 6 to 8 feet each way. A very common method is to replant the missing corn hills with pumpkins.

Pumpkins are being grown more largely each year for stock feeding purposes, as they are one of the best and easiest crops grown. Hogs and cattle are especially fond of them, and make enormous increase in weights when fed to them in connection with grain. We have seen good fields of corn where the pumpkin crop was worth as much or more than the corn crop. They should be planted in every field of corn, or at least the corn should be replanted with them.



Sugar Pie Pumpkin

Small Sugar or Pie

The pumpkin from which the celebrated pumpkin pie is made. It is small, has deep orange skin, fine grained flesh; an excellent keeper; very prolific. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., \$1.00.

Connecticut Field

A large, round, or slightly oval pumpkin. Skin reddish orange color, with rich orange yellow flesh. Grown extensively for stock feeding;

also good for pies. Generally planted with corn. Hardest of all, producing enormous crops. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 70c.

Japanese Pie

A fine quality pumpkin of Japanese origin. The flesh is thick, of a rich salmon color, fine grained, dry and sweet. Seed cavity very small. Very early, productive, and highly esteemed for pies or cooking. Postpaid: Pkt., 5c; oz., 15c; ¼-lb., 50c; lb., \$1.50.

Large Cheese or Kentucky Field

Large, round, somewhat flattened, very hardy and productive. A fine keeper. Flesh yellow, very thick, and of excellent quality. Fine for family or market use; also grown for stock feeding. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 70c.

Tennessee Sweet Potato

This excellent sort resembles a sweet potato in flavor. Is pear shaped, and slightly ribbed. The color is a creamy white, sometimes slightly striped with green. Flesh thick, light colored, fine grained, sweet and delicious. Fine for pies. Postpaid: Pkt., 5c; oz., 15c; ¼-lb., 50c; lb., \$1.50.

King of the Mammoths or Potiron

The largest of all pumpkins, often two feet or more in diameter, and sometimes weighing over one hundred pounds. The skin is salmon yellow; the flesh thick and of a bright yellow, often used for pies, but grown principally for stock feeding. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.25.

Mammoth Tours

A very large French variety that is good for exhibition purposes, or for stock. Skin salmon colored; flesh yellow. One of the hardest and most prolific of the pumpkin family. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 70c.

Green Striped Cushaw

An old favorite. Excellent for pies, and sells well on all markets; 18 inches to 2 feet long and 12 inches in diameter; green striped with crooked neck. Flesh thick, yellow, coarse, but sweet. Postpaid: Pkt., 5c; oz., 15c; ¼-lb., 50c; lb., \$1.50.

PEAS

One pound will plant 50 feet of drill; 60 pounds an acre

CULTURE

For early peas the soil should be light and warm, but for the main crop a heavier soil is better. Fresh manure and very rich or wet soil should be avoided, as they cause a rank growth of vines at the cost of quality and quantity produced. Peas are very hardy, enduring cold well. The smooth varieties are the earliest and hardest, and may be planted as soon as the frost is out of the ground. The wrinkled varieties are sweeter and more tender, but are liable to rot if planted as early as the smooth varieties. Plant the early smooth varieties in the spring as soon as the ground can be worked, in drills 2½ to 3 feet apart and 4 to 5 inches deep, covering with about 2 inches of soil, filling the trench gradually as the plants grow. Plant the wrinkled varieties in the same manner, beginning a little later, and plant at regular intervals until about July 1st, when you should have fresh peas the entire season.

Peas are one of the most wholesome, delicious and easily grown vegetables, and should not be lacking in any garden. Their nutritious value and the many ways they may be prepared for table use entitle them to first place in the vegetable garden. There are two distinct types of peas, the smooth and the wrinkled; these are divided into two types: the dwarf and the tall. The smooth varieties are the hardest and earliest, but not as sweet and tender as the wrinkled varieties. The dwarf bush wrinkled varieties are earlier than the tall, bushed, but not so prolific, as the dwarf varieties mature most of their pods at one time, while the taller varieties will often continue to bear all season if the fresh pods are gathered regularly when ready for use. For best results the tall varieties should be staked with brush or trellises, although good results are often obtained without,

where proper caution is exercised in gathering the pods not to trample down and injure the vines. In describing the different varieties, the height of the vine and the size of the pod and pea are those obtained under average normal conditions, a lack or excess of moisture, as well as other conditions governs the height of the vine, size of the peas and pod accordingly.

The crop of seed peas was again extremely short last year, which, in addition to the serious shortages the two previous years, has resulted in exceedingly light stocks everywhere and very high prices. Some of the old standard varieties are so scarce as to be almost unobtainable at any price. Notwithstanding the acute shortage we have, in addition to what we received on our growing contracts, been able to secure sufficient stock of the varieties we list to supply our usual trade, and will

fill all orders at prices quoted as long as our stocks last. Order early and be sure of your supply. Of the smooth seeded varieties, Alaska is the earliest of all and is undoubtedly grown more largely than any other variety, either smooth or wrinkled. It is grown almost exclusively by the canners, on account of its earliness and habit of maturing a large per cent of its peas at one time. The Ameer or Mammoth Alaska is an improved type of the Alaska, being larger in vine, pea and productiveness, but not quite so early. It is a fine early pea and can safely be planted as early as Alaska. First and Best is another strain of the Alaska, in which the seed is slightly larger and whiter and about as early and perhaps more prolific. Rice's Mammoth Podded Extra Early is an improved type of the old standard First and Best; the vines are somewhat taller and the peas larger; very early and prolific. A great favorite with market gardeners where earliness and productivity are essential factors. Of the wrinkled varieties, American Wonder is perhaps most largely used on account of it being an old standard variety and very early. Then comes Premium Gem, Nott's Excelsior and Sutton Excelsior, all three very similar in habit and appearance, and can be substituted for each other, as they are so nearly alike. Laxtonian or Dwarf Gradus has grown in popularity very rapidly, and we think one of the very best extra early varieties. Peter Pan is an improved type of Laxtonian. It is a little more dwarf and earlier, otherwise identical with Laxtonian, and may easily be substituted for it. Gradus or Prosperity is the leading second early variety; it grows about 3 feet tall, is very hardy and prolific, and if properly cared for will bear continuously throughout the season. Thos. Laxton is the only rival to the Gradus, and in some respects

is preferable. The pods have a richer dark green color and the peas very large and darker green; ripens a few days later than the Gradus. Dwarf Telephone is by far the most popular of the main crop varieties, and is without a rival in its class. This variety has been very scarce for the past two seasons, the growers in many instances not harvesting as many peas as they planted, consequently they are virtually out of the market, and will remain so until another crop of them is produced. Dwarf Champion is quite similar to the Dwarf Telephone in habit and appearance, only it is a few days later. Stratagem is an old well known favorite late sort, remarkable for its failure to mildew as most other varieties do when grown during the summer or fall months. Tall Telephone is the sweetest and most prolific of the pea family. It grows about 4 feet tall. For best results it should be staked, and with proper care will bear abundantly the entire season. Alderman is an improved strain of the Tall Telephone, the pods are larger and a darker green color; peas very tender and sweet—the very best of the tall varieties. Large White Marrowfat is one of the oldest varieties in demand now. The pea is smooth, round, of a light, creamy yellow color, excellent for summer use, but not so sweet and tender as some of the newer sorts, but one of the most productive of the garden varieties. Dwarf Gray Sugar or Edible Pod is a variety where the pod, pea and all, are cooked together the same as beans are cooked. This type of pea is used more largely in Europe than any other type. It is an enormous yielder of broad, sweet, tender pods. Mammoth Melting Sugar is another popular variety of the Edible Pods. It grows about 4 feet tall and produces large quantities of large, broad pods. Very brittle and entirely stringless.

Alaska or Earliest of All

This fine pea has become a standard extra early variety for market, and is the earliest of all blue peas. Vines 2 to 4 feet high; very uniform in maturing, of excellent quality, retaining its color after cooking. Postpaid: Pkt., 5c; ¼-lb., 10c; ½-lb., 20c; 1 lb., 35c; 2 lbs., 65c; 10 lbs., \$3.00. By freight or express at purchaser's expense: Pkt., 5c; ¼-lb., 10c; ½-lb., 15c; 1 lb., 30c; 2 lbs., 55c; 10 lbs., \$2.50.

Dwarf Gray Sugar or Edible Pod

Excels all other sugar peas in productiveness and quality. Vines are from 20 to 30 inches high; the pods are large, broad, sweet and tender; extremely fleshy, and equal to the best snap beans for cooking pods and all. Postpaid: Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 45c; 2 lbs., 85c; 10 lbs., \$4.00. By freight or express at purchaser's expense: Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 40c; 2 lbs., 75c; 10 lbs., \$3.50.

Nott's Excelsior

One of the best dwarf wrinkled peas, hardy and vigorous. The pods are filled with 7 to 9 large peas of superior tenderness and flavor. Height about 1½ feet. Postpaid: Pkt., 5c; ¼-lb., 15c; ½-lb., 30c; 1 lb., 50c; 2 lbs., 95c; 10 lbs., \$4.50. By freight or express at purchaser's expense: Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 45c; 2 lbs., 90c; 10 lbs., \$4.00.

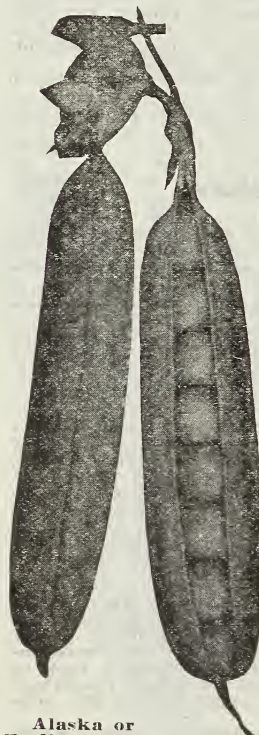
American Wonder

A standard extra quality, early dwarf wrinkled pea. Grows 10 to 15 inches high. Very prolific, with fine well filled pods. Desirable for market or home garden. Postpaid: Pkt., 5c; ¼-lb., 15c; ½-lb., 30c; 1 lb., 50c; 2 lbs., 95c; 10 lbs., \$4.50. By freight or express at purchaser's expense: Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 45c; 2 lbs., 85c; 10 lbs., \$4.00.

Earliest and Best

The earliest and most even strain of extra early peas. Vines vigorous and hardy, pods from 2½ to 3 inches long, each containing 5 to 7 medium sized, smooth peas of good quality. Seed smooth yellow white. An improvement over the Alaska. Height 2½ feet. Postpaid: Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 5c; 2 lbs., 85c; 10 lbs., 4.00. By freight or express at purchaser's expense: Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 40c; 2 lbs., 75c; 10 lbs., \$3.50.

American Wonder



Alaska or Earliest of All



EXCELLENT RESULTS AT TEN THOUSAND
The seed I got from you last Spring were fine. I believe every seed I planted came up, and I shall send again next Spring. I tell you Colorado seed are the best. I told my neighbors how fine your seed were at this high altitude—ten thousand feet. I was surprised how good the seed were and the results.

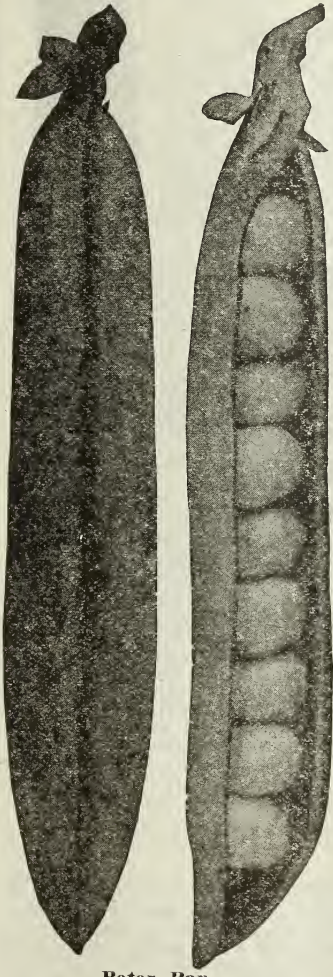
MRS. CHAS. H. CAMPBELL, Montezuma, Colo.

Admiral This is one of the largest yielding of the main crop tall varieties. It grows about 4 feet tall, producing enormous crops of small green wrinkled peas of very best quality. On account of its size, quality and productiveness is one of the most popular canning varieties. **Postpaid: Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1b., 45c; 10 lbs., \$4.00.** By freight or express at purchaser's expense: **Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1b., 35c; 10 lbs., \$3.00.**

Gradus or Prosperity The most popular extra early wrinkled pea. It is not only large and of the best quality, but it is within two or three days as early as the small, round, extra early sorts. It is an abundant producer, bearing continuously thruout the season. Vines about 36 inches high. Pods of a bright green color, well filled with luscious peas. **Postpaid: Pkt., 5c; ¼-lb., 15c; ½-lb., 30c; 1b., 50c; 2 lbs., 95c; 10 lbs., \$4.75.** By freight or express at purchaser's expense: **Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1b., 45c; 2 lbs., 90c; 10 lbs., \$4.25.**

Peter Pan

The Best Large Podded Dwarf Extra Early Pea. This splendid New Pea of the Laxtonian type is considered the best of its class in point of earliness, productivity and size of pod. The dark green, sturdy vines grow 15 to 18 inches in height, and are wonderfully productive of handsome, large, dark green, pointed pods, which measure 4 to 4½ inches in length, and contain nine to ten deep, bluish-green, sweet wrinkled peas of the highest quality. Peter Pan matures a trifle earlier than Gradus, with a pod equally large. We were fortunate in securing a good delivery on Peter Pan, and are in position to supply our customers with the best extra early pea on the market. **Postpaid: Pkt., 5c; ¼-lb., 15c; ½-lb., 30c; 1b., 50c; 10 lbs., \$4.50.** By freight or express at purchaser's expense: **Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1b., 45c; 10 lbs., \$4.00.**



Peter Pan

Oliver M. Keiry, Montc Vista, Colo.—We had seeds from you and have always found them satisfactory. The Golden Bantam Corn from you did well. It grows away above my head—probably eight feet or so high. The Golden Hubbard Squash did well. It is surprising how fast they grow and get developed before the early freezes we have up here.



Laxtonian

Laxtonian or Dwarf Gradus

A new dwarf pea introduced by the English growers of Thomas Laxton and Gradus, resembling the latter in size and shape of pod; in fact, it is a Dwarf Gradus, and equally as early. The vines are vigorous and productive, averaging 15 to 18 inches high, and when in bearing are filled with immense dark green pods, containing 8 to 10 large peas. It is so productive, the pods so large and well filled, the quality so good, that it should be the leading early variety for the market gardener and the home garden. **Postpaid: Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1b., 50c; 2 lbs., 95c; 10 lbs., \$4.50.** By freight or express at purchaser's expense: **Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1b., 45c; 2 lbs., 85c; 10 lbs., \$4.00.**

The Ameer or Mammoth Alaska

This new variety is rapidly growing in favor with market gardeners, being planted extensively by those who have tried it, and know its merits. It resembles the Alaska, the vine being more vigorous, a little taller, or about 3 feet in height, and the pods and peas are fully one-third larger. It is a heavy producer, with handsome dark green pods, containing from 5 to 7 large, blue-green, round peas of excellent quality. The crop ripens uniformly, about three days later than Alaska. We can recommend this to gardeners as the most prolific pea for early planting. **Postpaid: Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1b., 45c; 2 lbs., 85c; 10 lbs., \$4.00.** By freight or express at purchaser's expense: **Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1b., 40c; 2 lbs., 75c; 10 lbs., \$3.50.**

Dwarf Telephone

Dwarf Telephone is the famous old Telephone without its long vines. It is of a healthy, stocky growth and enormously productive. The pods frequently measure 5 inches in length, are broad, straight, and remarkably well filled, often containing 9 or 10 peas. Pod is dark green, thick and plump. Vines grow about 2 feet high. It is the most popular and largely grown main crop pea with the market gardener, and equally as good for the home garden. **Postpaid: Pkt., 5c; ¼-lb., 15c; ½-lb., 30c; 1 lb., 50c; 2 lbs., \$1.00; 10 lbs., \$4.75.** By freight or express at purchaser's expense: **Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 45c; 2 lbs., 90c; 10 lbs., \$4.50.**

Improved Stratagem

A favorite with market gardeners, and for the home garden. Strong vines, immense pods, large peas and heavy cropper. Height about 2½ feet. **Postpaid: Pkt., 5c; ¼-lb., 15c; ½-lb., 30c; 1 lb., 50c; 2 lbs., 95c; 10 lbs., \$4.50.** By freight or express at purchaser's expense: **Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 45c; 2 lbs., 85c; 10 lbs., \$4.50.**

Dwarf Telephone

Large White Marrowfat

The vines of this variety are about 3½ feet high, and of strong, vigorous growth. The pods are large, about 3 inches long, cylindrical, surface somewhat roughened, light colored, and well filled. Seed large, smooth, round, and light creamy yellow. Excellent for summer use, but is not as sweet and tender as some of the newer sorts, altho undoubtedly one of the most

productive of the garden varieties. **Postpaid: Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1 lb., 35c; 2 lbs., 65c; 10 lbs., \$3.00.** By freight or express at purchaser's expense: **Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1 lb., 30c; 2 lbs., 55c; 10 lbs., \$2.50.**

Alderman: Admiral Dewey or Improved Telephone

A splendid new, large podded pea of vigorous growth. The pods are larger than the Telephone; color, dark green, and well filled with from 8 to 9 large green peas of excellent flavor. Height about 4 feet. **Postpaid: Pkt., 5c; ¼-lb., 15c; ½-lb., 30c; 1 lb., 50c; 2 lbs., 95c; 10 lbs., \$4.75.** By freight or express at purchaser's expense: **Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 45c; 2 lbs., 90c; 10 lbs., \$4.25.**

Mammoth Melting Sugar Edible Pod

This is a tall growing, large podded variety of the Edible podded peas. Grows 4 to 5 feet high, bearing long, flat, brittle pods 4 to 4½ inches long, which are cut or broken and cooked like string beans. Is a delicious vegetable and should be better known and more generally used. **Postpaid: Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 45c; 2 lbs., 85c; 10 lbs., \$4.00.**

Premium Gem

Improved strain of Little Gem. A very fine, extra early dwarf wrinkled pea for market or family use, growing 12 to 15 inches high, needing no brush or sticks to support it. Pods are large and crowded with 6 to 9 very large peas of fine quality. **Postpaid: Pkt., 5c; ¼-lb., 15c; ½-lb., 30c; 1 lb., 50c; 2 lbs., 95c; 10 lbs., \$4.75.** By freight or express at purchaser's expense: **Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 45c; 2 lbs., 90c; 10 lbs., \$4.25.**

Thomas Laxton

The market gardener's favorite pea. The only rival to the Famous Gradus as a long-podded, extremely early, wrinkled pea, and in some respects even better. The growth is identical with the Gradus, but the pods are richer, deeper green, and square at the end. The peas are large, of a deep green color, making them very attractive and appetizing on the table. The crop ripens only 3 to 4 days later than Gradus. Height about 3 feet. **Postpaid: Pkt., 5c; ¼-lb., 15c; ½-lb., 30c; 1 lb., 50c; 2 lbs., 95c; 10 lbs., \$4.75.** By freight or express at purchaser's expense: **Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 45c; 2 lbs., 90c; 10 lbs., \$4.25.**

PEPPERS

One ounce of seed should produce 1,000 to 1,500 plants

CULTURE A warm, moist soil is best suited for peppers. For early green peppers sow seed in hot beds in January, February or March, according to locality and climate. Transplant to the field as soon as weather and soil in your locality will permit, and when danger from frost has passed. Pepper seed are slow and hard to germinate, therefore those sown early require a good hot bed with plenty of heat. Otherwise the seed will rot before they sprout. Pepper plants are very tender and easily killed by frost. It is a hot weather plant and nothing is gained by planting them before the ground is warm. When danger from frost is passed transplant to the field in rows 2½ to 3 feet apart and about 18 inches apart in the row. Cultivate same as tomatoes or egg plant.

The demand for green peppers has grown by leaps and bounds during the last few years, both commercially and for home use. No home garden is considered complete now without a liberal supply of both green and red peppers. There is no branch of the vegetable industry that is attracting

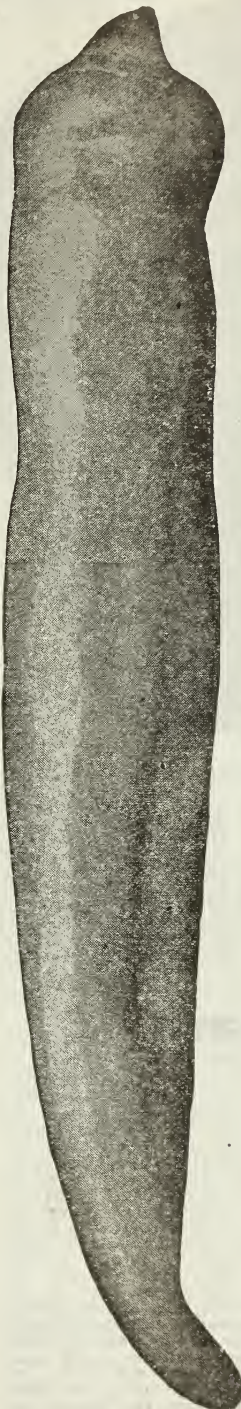
more attention and increasing more rapidly than the growth of peppers for canning, drying and home use. Peppers are naturally a hot climate plant, but with proper care and attention can be successfully grown anywhere tomatoes will grow. The growing of peppers in Southern California has in-

creased so rapidly the past few years that they rank in importance with cabbage, cauliflower and celery, thousands of acres being grown there annually now for canning and drying purposes for shipment to all parts of the civilized world. Local commercial gardeners are also growing them more extensively each season now, as they find a ready sale for them at good prices. The pepper industry is yet in its infancy, and offers wonderful opportunities to those having suitable soil and climate. We have our Chili Pepper seed grown for us under contract in California in the center of the famous pepper district by seed specialists, therefore our seeds are grown under the most favorable conditions it is possible to grow them; are thoroughly acclimated and the best that experience, skill and money can produce. Neapolitan is the earliest and most prolific of the red mangos. It is medium sized; skin and flesh bright red; meat thick, sweet and mild as an apple. Large Bell or Bull Nose is an old standard sort. It is medium early, very hardy, and an enormous yielder; fruits medium sized, thick skin and slightly pungent; an ideal pepper for the home garden. The Sweet Mountain is similar to the Bell or Bull Nose in shape, hardness and productiveness, but milder flavored, making it an ideal sort for stuffing and pickling. Ruby King has for years been the leading large fruited pepper, on account of its enormous size, earliness and yielding qualities. The flesh is thick, sweet and mild, especially fine for salads or stuffed mangos. The Chinese Giant is the largest of the mango family. Not quite so early as some of the smaller varieties, produces enormous fruits, flesh thick, tender, sweet and mild—the largest and sweetest of the mangos. Ruby Giant is a cross between the Chinese Giant and Ruby King. It possesses the size of the Chinese Giant and the splendid shape of the Ruby King. It is earlier than Chinese Giant, very hardy and prolific; fruits very large, handsome; flesh thick, mild, and so sweet that can be eaten raw. This is the market gardener's favorite, as it fills every purpose for which mangos are used. Pimiento is the latest combination in peppers, and is the mildest and sweetest yet introduced, and we think will soon be the leading variety grown. It is fine for the home garden, as it is excellent for salads and stuffing. Its firm, thick flesh and lack of pungency have made it the most popular canning variety, thousands of acres being grown annually now for canning purposes. This splendid combination pepper should be in every home garden. Anaheim Chili is the new Chili that has only recently become so prominent and popular, and is fast supplanting the old Mexican Chili. This is not only the best variety for dried Chili, but is desired above all others by the canners because of its fleshiness and slight pungency. Red Chili is the small bright red, very hot and pungent pepper, that is found in nearly all home gardens. Long red Cayenne is a late variety, producing long, slender red pods of very pungent flavor used largely for soups and flavoring.

Neapolitan Among large, mild, sweet, peppers none can compare with Neapolitan in earliness. It beats them all by ten days or two weeks. Its strongest claim, however, is its wonderful bearing power. Single plants often yield from 30 to 40 full grown peppers at one time, and continue loaded with fruit right up to frost. The skin and flesh are bright red, thick meated, very sweet and mild as an apple. They are of good size, generally about 4 inches long by 5 to 6 inches round, and keep in good condition for a long time. Postpaid: Pkt., 10c; ¼-oz., 15c; oz., 50c; ¼-lb., \$1.75.

Ruby Giant A beautiful large variety, being a cross between the Ruby King and Chinese Giant. It possesses the large size of the Chinese Giant, and the splendid shape of the Ruby King. The flesh is mild and sweet, making a good salad sliced and served with tomatoes. This new pepper will undoubtedly become very popular, both in the home and market garden. Postpaid: Pkt., 10c; ¼-oz., 15c; oz., 50c; ¼-lb., \$1.75.

M. F. Artist, Doyleville, Colo.—I will just say the bunch of seeds I got of you were the best I ever planted. All grew and made good. I had the best garden in this country. When I want more seed I will remember you and speak a good word for you to my neighbors.



Anaheim Chili

Anaheim Chili

This is the Chili Pepper that has only recently become prominent, and is fast supplanting the old Mexican Chili. It is a safe crop to plant, has no insect enemies and when dried is not perishable. The demand for green chili is increasing, as the canneries are canning large quantities of it. The Anaheim Chili is desired above all others by the canners because of its fleshiness and slight pungency. Canned Chili was unheard of until the thick meated Anaheim Chili was introduced. Postpaid: Pkt., 10c; ¼-oz., 15c; oz., 50c; ¼-lb., \$1.50.

Sweet Mountain

One of the large sorts, very thin skinned, sweet and mild flavored. Much used for stuffing pickles. Postpaid: Pkt., 10c; ¼-oz., 15c; oz., 50c; ¼-lb., \$1.75.

Red Chili Fruit is small, bright red, very hot and pungent. Plants very productive. Generally used for making pepper sauce. Postpaid: Pkt., 10c; ¼-oz., 15c; oz., 50c; ¼-lb., \$1.75.

Large Bell or Bull Nose

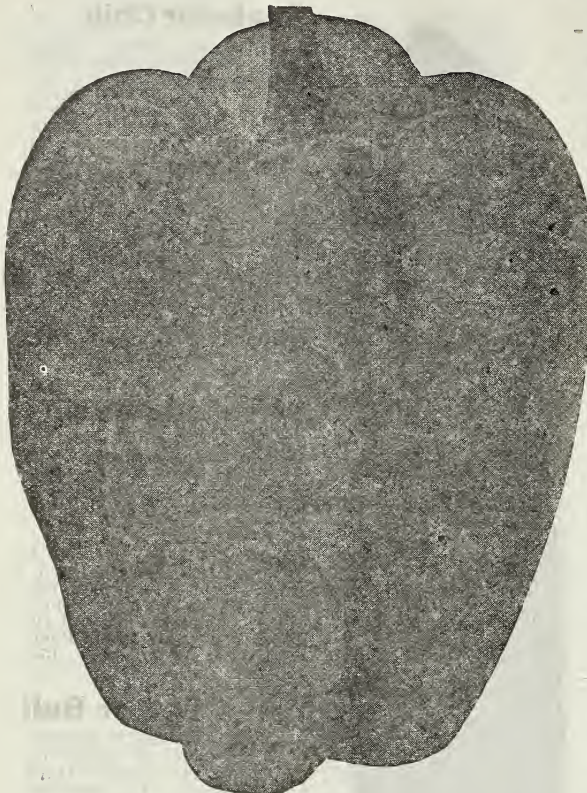
An early variety, and of mild flavor. The skin is quite thick and fleshy. Of medium size, and very popular. Postpaid: Pkt., 10c; ¼-oz., 15c; oz., 50c; ¼-lb., \$1.75.

Ruby King The most popular, large fruited pepper. Very prolific. Plants grow about 2 feet high, and bear a fine crop of handsome large peppers, which ripen earlier than any other large fruited variety. The flesh is quite thick, sweet and mild, and may be eaten from the hand and like an apple. Especially fine for salads or stuffed as mangos. Postpaid: Pkt., 10c; ¼-oz., 15c; oz., 50c; ¼-lb., \$1.75.

Long Red Cayenne A late variety. Pods are small, bright scarlet, cone shaped and pungent. Are as much used for pickling when green as when ripe. Postpaid: Pkt., 10c; ¼-oz., 15c; oz., 50c; ¼-lb., \$1.75.

Chinese Giant

An enormous fruiting variety, about double the size of Ruby King. Notwithstanding its size, it is very early and prolific. Flesh is thick, tender, mild and sweet. Unexcelled for salad or stuffed as mangoes. Postpaid: Pkt., 10c; ¼-oz., 15c; oz., 50c; ¼-lb., \$2.00.



Ruby Giant

Pimiento The mildest and sweetest of all peppers. Largely grown for canning purposes, as its lack of pungency, and its firm, thick fleshiness permit of its being scalded and peeled. It should be grown in every family garden. It is delicious with salads or stuffed, and is a healthy food to eat, when ripe, as you would an apple. For salad, parboil it to remove the skin; stuffed and baked it is far superior to all other peppers. Postpaid: Pkt., 10c; ¼-oz., 15c; oz., 50c; ¼-lb., \$1.25.

Rhubarb

One ounce of seed will sow 75 feet of row

CULTURE Rhubarb is a gross feeder, and requires a rich, deeply cultured soil. Sow seed early in the spring in rows about 12 inches apart and one inch deep; when the plants have made a good start thin to about 6 inches apart in the row. When the plants are one year old they should be transplanted to a permanent bed about 4 feet apart each way. Give a coat of good manure each season, cultivating enough to keep the weeds down and the ground mulched and you will be surprised at the marvelous yield. When a blossom stalk appears it should be cut back well into the ground, and the plant never allowed to exhaust itself by running to seed.

Rhubarb is one of the earliest, healthiest, easiest and cheaply grown table delicacies, and should have a place in every home garden in the United States. Its uses are more varied, more distinct and more beneficial than any of the garden products. By mulching in the fall with leaves, straw or any light covering that will protect it from the winds and still permit it to get air, it will be the first thing ready for use in the spring, and by keeping the leaves cut back will produce continuously until cut down by frost in the fall. There is no vegetable or fruit grown that will produce so much nutritious, appetizing, healthy food value, so cheaply, and on

such a small space of ground. The early pioneers considered it a household necessity, and pursued its cultivation with earnest, strict attention, considering it unequalled as a table delicacy. Rhubarb is in a class of its own, and those who have never grown it do not realize how much they are missing for such a little trouble and expense. If you have not a patch of rhubarb in your garden send us \$1.25 and we will send you prepaid one dozen fine large roots, which, with proper care, will begin producing the second year and continue as long as given proper care and attention.

Linnaeus Early, large, tender, and very fine. Postpaid: Pkt., 5c; oz., 15c; ¼-lb., 40c; lb., \$1.25.

Victoria Very large; the finest cooking variety. Postpaid: Pkt., 5c; oz., 15c; ¼-lb., 40c; lb., \$1.25.



Rhubarb

Rhubarb Roots

The planting of Rhubarb Roots is a quicker, more certain and satisfactory method of getting a start than to attempt to grow them from seed, as no reliance can be placed in the seeds producing the identical variety sown. Both time and labor are saved where the planting of roots is followed. We furnish only good, fresh, strong roots which, when set in good, rich soil, should be ready to cut one year after planting. The roots should be set about 4 feet apart each way. The stalks should not be pulled the first season. Any stalks that show signs of going to seed should be cut off so as not to exhaust the plant by seeding. Rhubarb roots by Parcel Post: Prepaid: 2 for 25c; 5 for 60c; 12 for \$1.25. By freight or express at purchaser's expense: Per doz., \$1.00; per 100, \$6.00.

POTATOES

500 to 600 pounds will plant an acre

CULTURE Any good, well drained soil will produce potatoes under right climatic conditions and proper cultivation. For early potatoes that mature in 10 to 12 weeks from time of planting, the soil should be particularly rich. A rich clover or alfalfa sod manured and broken the year before and planted to corn or some other crop that is cultivated well and often, is in best shape for growing a good crop of nice clean potatoes. The first requisite for a crop of good potatoes is good seed and the next is good soil—then proper cultivation. Without these it is a waste of land and time to attempt to grow anything like a satisfactory or profitable crop. Where manure is necessary it should be applied a year previous to planting, so it will rot and become well incorporated in the soil. Cut the potatoes so that each piece will have two or more eyes, then plant in furrows 6 inches deep, 2½ to 3 feet apart, and 12 to 15 inches apart in the row. Cover 3 to 4 inches deep, and about the time the potatoes are ready to come through run a harrow over the ground, which will finish filling up the furrows, making a smooth ground upon which to work when the potatoes come through and are ready for cultivation.

The harrowing will also kill the weeds and grass that have started and give the potatoes an opportunity to get a good start ahead of the grass and weeds. Cultivate often, and if troubled with flea, beetle or blight, spray with Bordeaux or Arsenate of Lead.

For those having suitable soil there is no Western crop more profitable nor one that can be grown more cheaply than early potatoes. In this latitude they come in after the Southern crop has been marketed, and before the main crop of late varieties are ready, usually finding a bare market and commanding good prices. Many of our best farmers and gardeners have found early potatoes to be one of their most profitable crops, as they can be harvested in time to grow lettuce, turnips and other late crops. Late potatoes have been one of the best money crops of Colorado for years. And while there has been seasons when the crop was poor and prices below cost of production, yet on the average it has been our surest and most profitable crop. The same applies to all Western states having suitable soil and climate.

We were in the wholesale potato business before going into the seed business, and have perhaps handled more carloads of potatoes than any seedsman in the U. S. During this time we have studied old and new sorts as to eating and cooking qualities, productiveness, time of ripening, liability to disease and suitable soil. This experimenting has taught us that a potato that will do well in one kind of soil may not do well in another soil. A potato that yields large crops on one farm may not do so well on the adjoining farm. Blight that effects one section may not effect other sections under similar conditions. These are all matters that can only be learned from experience. Each grower must learn from experience or observation what variety of potato is best suited for his soil and market.

The Potato Wart has been reported in some sections of the East, but none in the West so far, but in some sections of the West there has developed a peculiar disease—classified by potato experts as Fusarium Wilt, but from the description of the disease it should be called the Potato Flu, as the experts have not been able to determine the cause or find a remedy. The disease does not so much effect the growth of the potato as its carrying and keeping qualities after being harvested.

Diseases and failures in obtaining a profitable crop of potatoes are attributable chiefly to carelessness in planting poor unselected seed. The average farmer usually pays less attention to the quality of his seed potatoes than any other seeds he plants. He seems to think any old kind of potatoes he happens to have on hand will do for seed, and then wonders why his crop was a failure, or the potatoes so poor and scrubby. Yet these same farmers will continue to plant this same stock for seed year after year, rather than pay a fair price for some good, carefully selected seed stock, that would produce much more and better stock. Good potato seed are just as necessary to a good crop as any other seed, and for best results the seed should be renewed every so often, and if growers would plant only pure, first-class seed, good results would follow. We would rather pay \$10.00 per cwt. for good selected, true to name, seed potatoes, than plant the common average stock as a gift. The stocks we are offering were specially selected by us and are fancy in every respect. Our Early Red River Ohios are genuine Minnesota grown, and are strictly fancy. We bought and shipped these in when they were harvested to insure them against frost, and have them on hand for the early Southern trade when needed.

As a rule the early varieties of potatoes are not so prolific as the later varieties, but by careful selection some of the early varieties are now yielding nearly, if not as much, as the late varieties. Our genuine Minnesota Red River Ohios, when planted in good, rich soil, and given proper care, are producing equal to the later varieties. Our Irish Cobblers are even outyielding the Ohios, and as they are equally as early are supplanting the Ohios in many places, and now looks as if it would soon be the leading early potato for this Western country, as it is not only early and prolific, but is very hardy, seldom blights. It is nearly round, ideal size for baking, skin creamy white, sometimes slightly netted, flesh clear white, always cooking dry and mealy. The Western grower of early potatoes cannot go wrong on the Irish Cobbler. The Russett Burbank or Netted Gem is a splendid main crop, large white potato—oblong in shape, heavily netted, flesh white and mealy. This is the best cooking and best eating potato of the main crop whites, and on account of its shape, size and quality commands a premium in all fancy markets. The RED M'CLURE is the old Peachblow sold under another name. This is one of the best potatoes we have for the extreme mountainous districts, where it grows to perfection. In shape it is almost round, similar to the Irish Cobbler, skin pink, with darker red spots. Flesh white and mealy. An excellent late variety. THE RURAL NEW YORKER is one of the main crop whites grown in the Greeley district. In shape it is slightly oblong, skin delicate cream color, flesh white and flaky when cooked. In appearance it is the most striking potato grown, but does not adjust itself to all kinds of soils as some of the coarser grades do. THE MAMMOTH PEARL is the standard white potato for the irrigated districts. In shape it is slightly oval, skin brownish white, flesh white, very mealy. The Pearl is the hardiest and most prolific of the whites, thousands of carloads of them being grown and shipped from all irrigated sections of the West. THE ROSE SEEDLING is an oblong, beautiful red potato, and at one time was considered the best early potato grown in the Greeley district. It, however, is not a heavy yielder, and of late years has been but little grown.

Colorado Dry Land Ohios

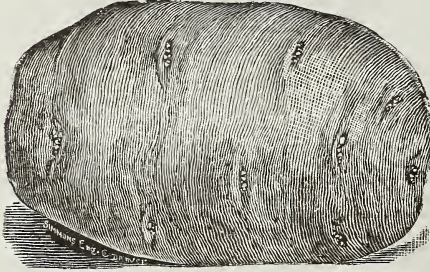
This is the Early Ohio grown on the Divide, between Denver and Colorado Springs, without irrigation. Some growers prefer the native grown stock to the Eastern, altho the potato is not quite so smooth. Our seed were grown from Eastern seed last year, and are good, freshly assorted stock. By freight or express at purchaser's expense: 1 lb., 15c; 2 lbs., 25c; 10 lbs., 90c; 100 lbs., \$7.00. If ordered by Parcel Post add 5c per pound to postage.

Red McClure

This is grown very largely on the Western Slope, and in the mountains, where it seems to thrive best. It is very hardy and vigorous, oval in shape, and attractive in appearance. Cooks mealy and dry, and is of fine flavor. This is an improved type of the old Peachblow potato, and there is an increasing demand for them from the South for seed purposes. By freight or express at purchaser's expense: 1 lb., 15c; 2 lbs., 25c; 10 lbs., \$1.00; 100 lbs., \$7.00. If ordered by Parcel Post add 5c per pound for postage.

Early Six Weeks Same as Early Ohio, only sold under another name. By freight or express at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 10 lbs., \$1.00; 100 lbs., \$7.00.** If ordered by Parcel Post add 5c per pound for postage.

Rose Seedling This is the standard variety of Red potato grown in the Greeley district, and is one of the best table varieties. It is not as prolific as the whites; therefore, not grown as extensively. By freight or express at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 10 lbs., \$1.00; 100 lbs., \$7.00.** If ordered by Parcel Post add 5c per pound for postage.

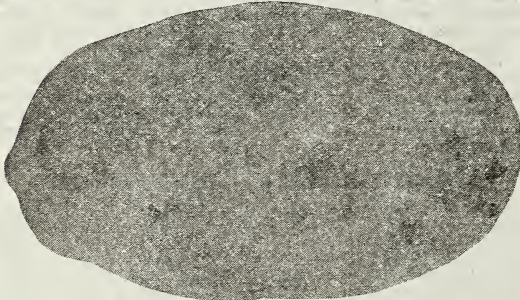


Early Ohio

Minn. Red River Early Ohios (Pink) This is the earliest, surest, best, and most profitable of the early varieties, and a decided favorite with those growing potatoes for the early market, as it can be marketed before it is fully grown. Our seed of these is direct from Minnesota, freshly assorted and true to name. By freight or express at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 10 lbs., \$1.00; 100 lbs., \$7.00.** If ordered by Parcel Post add 5c per pound for postage.

Rural New Yorker This is the most popular, and by far the best potato grown in the Greeley district. It is large, oblong, smooth, and very attractive, and commands top prices wherever sold. By freight or express at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 10 lbs., \$1.00; 100 lbs., \$7.00.** If ordered by Parcel Post add 5c per pound for postage.

Mammoth Pearls This is the standard main crop variety of the irrigated districts of the state. It is a heavy cropper, and the surest late variety grown. By freight or express at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 10 lbs., \$1.00; 100 lbs., \$7.00.** If ordered by Parcel Post add 5c per pound for postage.



Russett Burbank

Russett Burbank or Netted Gem An oblong, large, white potato, with shallow eyes and netted skin. Flesh white; very mealy, and fine flavor. Excellent quality. The best and most popular baking variety. This potato is fast supplanting the Rural and Pearl varieties in the Middle West, as it seems to be especially adapted to our soil. It is a very heavy yielder, and scab resistant. By freight or express at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 10 lbs., \$1.00; 100 lbs., \$7.00.** If ordered by Parcel Post add 5c per pound for postage.



Irish Cobbler

Irish Cobbler An extra early variety, maturing only a week or ten days later than the Early Ohio. The tubers are round, uniform in size and shape; the eyes are strong, well developed, and slightly indented. The flesh is a creamy white, of fine quality and flavor. It is a vigorous grower, good keeper, and ripens uniformly. By freight or express at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 10 lbs., \$1.00; 100 lbs., \$7.00.** If ordered by Parcel Post add 5c per pound for postage.

Sweet Potatoes

CULTURE The plants should be grown in hot beds, and when safe from frost should be pulled and transplanted in rows from 3 to 4 feet apart, 12 to 15 inches apart in the row. Warm, sandy soil should be selected, as it is useless to plant them in cold, wet, heavy soil.

There are but few sweet potatoes grown here, as we have but little irrigated land suitable for them, and we seldom have enough warm weather to produce a satisfactory crop.

We grow all of our sweet potato plants; therefore, our plants are freshly pulled and packed the day shipped.

Owing to the perishable nature of Sweet Potatoes, and the tenderness of the plants, we do not guarantee them to arrive in good condition, but will send out only first-class stock, using every precaution in packing. Shipments should always be by express.

Yellow Nansemond By freight or express at purchaser's expense: **Lb., 20c; 10 lbs., \$1.75; 25 lbs., \$3.75.** If ordered by Parcel Post add 5c per pound for postage.

Yellow Jersey By freight or express at purchaser's expense: **Lb., 20c; 10 lbs., \$1.75; 25 lbs., \$3.75.** If ordered by Parcel Post add 5c per pound for postage. For prices on plants see page 73. Orders for potatoes and plants should be placed in advance.

Salsify or Oyster Plant

One ounce of seed will sow 50 feet of drill

CULTURE Soil, seeding, culture, same as for parsnips.

Mammoth Sandwich Island This is an improved type and the largest and most profitable in cultivation. It is white in color and most satisfactory in every way. **Postpaid: Pkt., 5c; oz., 25c; 1/4-lb., 75c; lb., \$2.50.**

RADISHES

One ounce of seed will sow 100 feet of drill; 8 to 10 lbs. an acre.

CULTURE Radishes must be grown quickly if they are to be crisp and tender. Therefore, the soil should be well prepared with well rotted manure and should be kept moist and well cultivated until the radishes mature. Sow early and often in good, rich, sandy soil in rows about 12 inches apart in the open ground, and 5 to 6 inches in hot beds and green houses, covering the seeds about half an inch deep. Winter radishes should be sown during July and August to get the benefit of the cool September weather. They should be sown thinly or thinned out to say 2 inches apart in the row, when too thick they will form no bulb. They should be gathered as soon as frost comes and buried in sand in a cool cellar for winter use. Radishes contain little or no nourishment. Notwithstanding this they are one of our most popular vegetables, served mostly as a relish. Radishes are usually the first vegetable the garden furnishes in the spring, and are eaten and enjoyed throughout the civilized world on account of their pleasant, refreshing taste. Radishes have become so popular that they are grown and offered on the city markets every month of the year. The growing under glass for winter use in cold climates has reached large dimensions. Radishes are of easy culture. They will grow in any good, well drained soil, and thrive even in comparatively low temperatures. They can be had ready for the table in from three to six weeks after sowing. They should be pulled as soon as they have reached their proper size or they will become tough and pithy.

There are four varieties of radishes, the red, the white, the semi-red and white and the black. These are divided into two types, the long and the round. There is really no difference in the quality of the two types. It is simply a matter of individual preference as to which is best. All of the varieties of both types are usually grown in the home garden, making a splendid assortment from which to choose, and prevent tiring of only one variety. It is necessary the market gardener knows the varieties his trade demand, regardless of his own choice, and grow those varieties. The red varieties are the most popular and most largely grown, although the red with a white tip is a good second, and becomes more popular each season. The pure whites predominate in some markets, but in a very few. The black, which is a winter radish, is grown very largely by the Europeans here, but is not so popular with Americans. It is one of the finest radishes grown, and would be in every home garden if its merits were more generally known.

Round Varieties

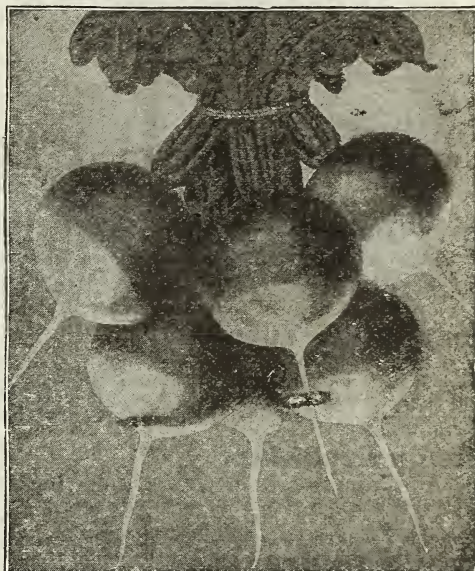
Crimson Giant

Quick growing sort for forcing or out-of-door planting. The radishes grow twice the size of any early round variety without becoming pithy in the center. They will stand well after maturity. The root is a beautiful deep crimson; the flesh is snow white, of fine flavor, and very tender. Especially fine for market and home use from planting in the open ground. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.25.

Crimson Giant

Earliest Round Deep Scarlet Forcing

This variety is ready for market about 20 days after planting, and is one of the most popular forcing radishes among the market gardeners. It is larger, smoother, and richer, darker red than any other forcing radish. Very tender and brittle. Small tops allow close planting. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.25.



Perfection, White Tipped

Perfection, White Tipped This is one of the most pronounced of all the round white tipped varieties, which has become so popular in the last few years. Rich carmine scarlet, with a pure white tip, which gives it a very attractive appearance. It is very sweet and tender, and well adapted for either forcing or outdoor planting. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.25.

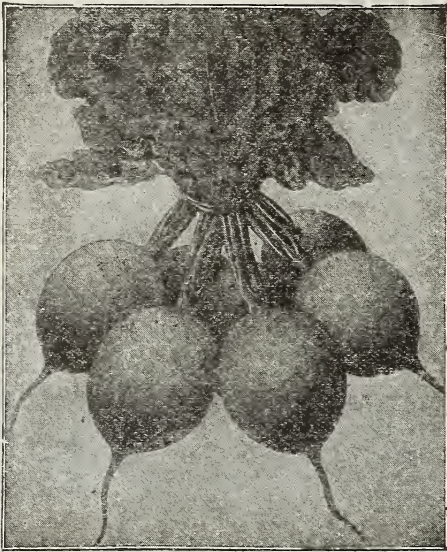
Vick's Scarlet Globe This variety is one of the most popular of all the Turnip Radishes. Very extensively used for marketing. It is of quick growth, small leaves, and of finest quality. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.25.

Early Round Scarlet, White Tipped

A prime favorite for all purposes. It is medium sized, has short foliage; color very deep scarlet, with white tip, and is very tender and mild. One of the best all-around early varieties for out-door planting for market or home gardener. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.25.

California Mammoth White

Pure white, about one foot long, and two or three inches thru, tapering regularly to tip. The flesh is tender and crisp, keeping well through the winter. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.25.



Early Scarlet

Early Scarlet Turnip This is a favorite for both market and home gardens. It is well adapted for out-door planting. Has a rich scarlet color; shape a little elongated. Flesh snow white; very brittle and mild. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., \$1.00.

Early White Turnip Very much like the Early Scarlet Turnip; a trifle earlier in maturing. Skin and flesh pure white, crisp and tender. Shape almost round. A splendid variety for forcing, or for early out-door planting. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.25.

French Breakfast A good forcing radish, but better for open ground planting. Scarlet, with a white tip; elongated in shape. A great favorite on account of its superior flavor and attractive appearance. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.25.

Non Plus Ultra This is the earliest forcing radish in cultivation. It is earlier than the Round Deep Scarlet, but not as large. The radish is round, smooth, and deep scarlet. Because of its small top it may be planted close together. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.25.

Long Varieties

Improved Chartier This is one of the best oblong varieties for resisting the summer heat, and often remains tender and crisp for two months. It is very distinct in appearance, being crimson at the top, shading to a beautiful pink and then to a white, waxy tip. It frequently grows to 1½ inches in diameter, but still retains its crispness and mild flavor. Its size and handsome appearance make it a prime favorite among all gardeners. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.25.

White Vienna (Lady Finger) A summer variety; pure white in color, very brittle, and retains its crispness to marked degree. It is a rapid grower, and stands the heat exceptionally well. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.25.

Mammoth Japan A mammoth variety grown in Japan, from whence it comes. It grows sometimes as large as 43 inches in circumference. It is brittle, has pure white flesh, and is deliciously flavored. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.25.

Cincinnati Market

This is the favorite and, we think, the best long radish that the gardener can grow. Its quick growth and short top make it admirable for forcing, and its mild flavor, bright red color, and crisp, tender flesh, make it the most popular of all long radishes for either market or home use. Market gardeners have found ready sale for it to the shippers of this state. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.25.

Long Black Spanish

Black skin, white flesh, fine flavor, good keeper. A favorite winter radish. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.25.

Round Black Spanish

A radish with a very dark brown skin, shading to black in that portion above the ground. A late and very hardy variety. Flesh white, highly flavored.

Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.25.

China Rose

(WINTER.) A half long radish of a beautiful pink color; especially grown for winter use. It is free from the strong taste so common to winter radishes, and keeps remarkably well, making it a favorite for those who wish this variety of radish.

Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.25.

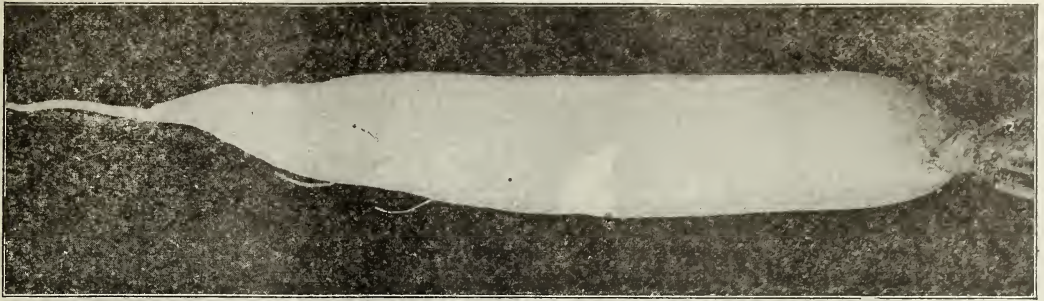


Cincinnati Market

MATURED CORN AT SEVEN THOUSAND FEET

The Swadley and Silver Mine Corn froze out in June, but the Colorado Yellow Dent did fine. Will have quite a bit of seed and am proud to say it is too good to feed.

W. R. HARRAL, La Veta, Colo...

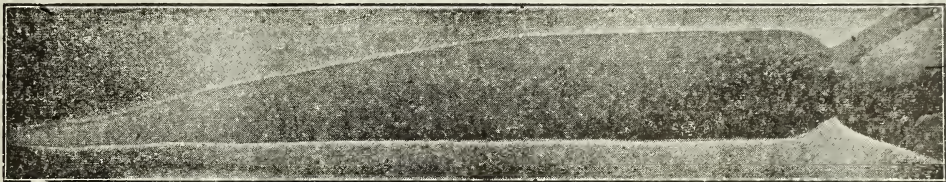


White Icicle

White Icicle A long, slender radish of a beautiful transparent whiteness, which makes it very attractive on the market or for home use. It is by far the most popular, and the best of all early long white varieties. It is as early as the Long Scarlet, Short Top, but retains its crispness and mild flavor for a longer time. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.25.

Early Long Scarlet, Short Top

(Finger Radish) One of the best forcing varieties we have to offer. Matures in 25 to 30 days after sowing. Root 5 to 6 inches long, bright scarlet, brittle and tender. A standard variety for both the market and home gardener. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.25.



Scarlet Short Top

SPINACH

One ounce of seed will plant 100 feet of drill; 10 lbs. an acre.

CULTURE Spinach is an important crop of easy culture for the market gardener. For spring and early summer use, sow in drills one foot apart and one inch deep, as early as the ground can be worked, and every two weeks thereafter for a succession crop. For winter and early spring use, sow in September in well manured ground. Cover with straw on the approach of cold weather. The ground cannot be too rich. The stronger the ground the more delicate and succulent the leaves. The New Zealand spinach, which requires more room, as it makes a large and spreading plant, may be started from seed early in the spring to furnish greens during the heat of the summer.

No plant makes more palatable and nutritious greens than spinach when properly prepared. It should be in every home garden.

Longstanding This excellent variety comes quickly to maturity and remains in condition for use longer than other sorts. The leaves are smooth, very dark, rich green. Postpaid: Pkt., 5c; oz., 10c; lb., 65c; 10 lbs., \$6.00. Special prices on large quantities.

Thick-Leaved Round A rapid growing variety, forming clusters of large, very thick, wrinkled leaves. Very popular with market gardeners. Postpaid: Pkt., 5c; oz., 10c; lb., 65c; 10 lbs., \$6.00. Special prices on large quantities.

New Zealand The plant of this variety is entirely distinct from the common spinach. The stems and leaves are soft, thick, fleshy, and of a crystalline appearance. The plant is much larger and thrives in hot weather, and grows on all soils, rich or poor. Started early in the spring, plants will resist heat, and make a strong growth during the summer. It may be cut

all summer, new shoots growing when others are cut. Postpaid: Pkt., 5c; oz., 10c; lb., \$1.25; 10 lbs., \$12.00. Special prices on larger quantities.

Savoy Leaved or Bloomsdale

This is a very early variety, and one of the best to plant for early spring use. Postpaid: Pkt., 5c; oz., 10c; lb., 65c; 10 lbs., \$6.00. Special prices on larger quantities.

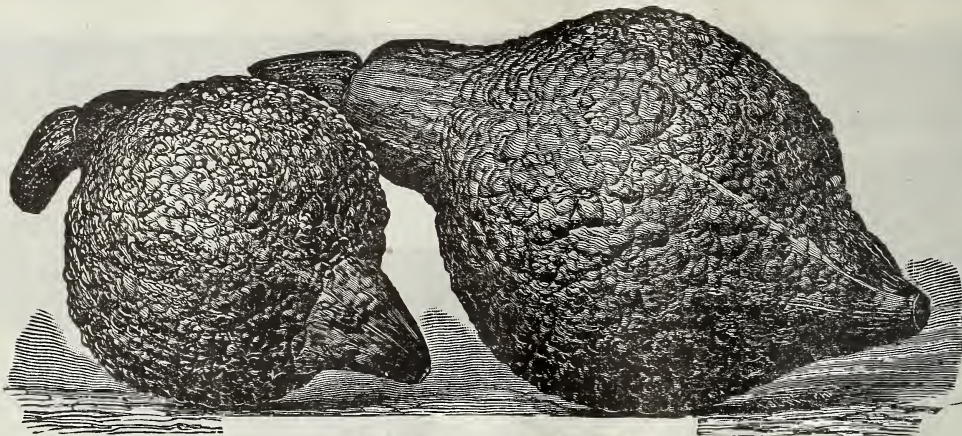
Giant Thick Leaved A vigorous growing, early maturing sort, with very large, thick leaves, of fine deep green color. Postpaid: Pkt., 5c; oz., 10c; lb., 65c; 10 lbs., \$6.00. Special prices on larger quantities.

Monstrous Leaved Viroflay

The market gardener's favorite for fall or spring sowing. It has an abundance of heavy, broad, dark, thick leaves, attractively curled, of finest quality and appearance. Postpaid: Pkt., 5c; oz., 10c; lb., 65c; 10 lbs., \$6.00. Special prices on larger quantities.

Victoria This variety is of remarkably fine texture, of the deepest green color, curled and crimped, with thick, fleshy leaves. It is a heat resister, and especially adapted to spring planting. Postpaid: Pkt., 5c; oz., 10c; lb., 65c; 10 lbs., \$6.00. Special prices on larger quantities.

L. E. Nichols, Iola, Colo.—I bought some seeds from your firm and was perfectly satisfied and got very best results, regardless of over eight thousand feet. Raised Pumpkins, Squash—hard ones—and Cantaloupes and Beans, and everything. Some of our people would not believe till they saw for themselves. Should I thought in time I had a few good high altitude seeds, but I disposed of them to my neighbors. Will remember you next time.



SQUASH

One ounce of seed will plant 25 hills; 3 to 4 pounds an acre.

CULTURE A good sandy loam is best adapted to Squash. The richer the better. All varieties of squash are very tender and should not be planted until danger from frost has passed. The summer Bush varieties should be planted in hills about 4 feet apart. The running varieties 6 to 8 feet apart each way. Plant 6 to 10 seeds to each hill and when danger from frost and bugs has passed thin out 2 to 3 plants to each hill. Winter squash are better after a few frosts have fallen on them and should remain on the vines until thoroughly ripened. Culture the same as cucumber and melons.



Summer Crookneck

Summer Crookneck One of the best summer squashes. It is dwarf, bushy and very productive. The skin is yellow; flesh a deep golden yellow, dry, with a most agreeable flavor. Postpaid: Pkt., 5c; oz., 15c; ¼-lb., 50c; lb., \$1.75.

Boston Marrow A large sized, hard shelled winter variety, with deep orange flesh; finely grained, and of excellent flavor, but not as dry as the Hubbard. Postpaid: Pkt., 5c; oz., 15c; ¼-lb., 40c; lb., \$1.25.

White Summer Crookneck Long crooknecked variety, similar to Summer

Crookneck in size and shape, but it is pure white. Is especially fine quality. Postpaid: Pkt., 5c; oz., 15c; ¼-lb., 50c; lb., \$1.70.

Chicago Warty Hubbard This is a distinct strain of the famous Hubbard, and is an ideal winter squash for market men. The shell is deeply warted, dark green in color. Flesh dry, and sweet flavored. Postpaid: Pkt., 5c; oz., 15c; ¼-lb., 50c; lb., \$1.75.

Mammoth Chili This squash is better for stock than for table use. The flesh is yellow, very thin, and nutritious, far exceeding the ordinary pumpkin as a stock feed. Postpaid: Pkt., 5c; oz., 15c; ¼-lb., 50c; lb., \$1.75.

Pike's Peak or Sibley This is said to be the only table squash equal to, or surpassing, the Hubbard in quality. It has a dark olive-green colored shell, with light orange colored flesh of the very best quality. Vines of strong growth, and very productive. Postpaid: Pkt., 5c; oz., 15c; ¼-lb., 50c; lb., \$1.75.

Fordhook Very desirable for either summer or winter use. The vines are vigorous, producing squashes from 8 to 10 inches in length, of oblong form, slightly ridged, skin yellow, and flesh of lighter shade; quality unsurpassed. Postpaid: Pkt., 5c; oz., 15c; ¼-lb., 50c; lb., \$1.75.

The Hubbard This is the leading squash and favorite of America. Seems to do well in all producing sections, and outsells all other varieties on the market. The shell is dark green, flesh a rich yellow or orange color. Very fine grained, solid, dry, and sweet. The toughness of the rind or shell makes it a good keeper. Every farmer should grow at least enough for home use. Postpaid: Pkt., 5c; oz., 15c; ¼-lb., 50c; lb., \$1.75.

Golden Hubbard This is identical in size, form and fruitfulness with the Chicago Warty. The chief distinction is that the heavily warted skin is of a rich orange, turning to red when ripened. Postpaid: Pkt., 5c; oz., 15c; ¼-lb., 50c; lb., \$1.75.

Mammoth Early White Bush Scalloped The best variety. The plants are of the true bush form, and produce fruit very early in the season. Postpaid: Pkt., 5c; oz., 15c; ¼-lb., 50c; lb., \$1.40.

TURNIP

One ounce of seed will sow 150 feet of drill; 2 pounds an acre

CULTURE Turnips should be grown quickly to be of the best quality, and should be sown in good, deep, rich soil. Sow from March to the last of August, as you want the crop to mature, in drills 12 to 18 inches apart or broadcast if preferred, using about 2 pounds of seed per acre. Rutabagas require a longer time to mature and should be sown earlier in the season. They also require more space and should be planted further apart. The Fly or Flee beetle is very destructive to turnips, especially during dry weather. The dusting of Lime or Plaster on the plants when the fly or beetle appear will often check them, or spraying with a solution of kerosene emulsion and nicotine will usually destroy them.

The summer production of turnips has increased very rapidly in the vicinity of Denver in recent years, as our cool nights and irrigating system enable us to grow sweet, tender turnips during the hot summer months, when the warmer sections can seldom grow them, and those they do grow are pithy and strong tasting. The White Milan is the earliest variety on the market and very popular with market gardeners on account of its earliness, small top and mild, sweet flavor. Snowball is another early popular variety. It is pure white, perfectly globe-shaped, often ready for use six weeks after planting. The Purple Top Globe is a favorite main crop variety; is nearly as early as White Milan. Much more productive and a better shape. It is perfectly globe-shaped purple above ground and white below. The early Purple Top, Strap Leaved, is a very popular turnip among the gardeners for bunching, as it has very short leaves and is easily tied. The White Egg is by far the best and most popular variety for the West. It is egg-shaped, very early; heavy cropper, and the very best all-purpose turnip. Pomeranian White Globe is the largest of the table varieties, and is also used largely for stock, as on good, rich soil it often grows to 12 pounds in weight. The Rutabaga is particularly a cold climate vegetable, and

does extremely well in our mountain districts, where it grows to perfection, the Purple Top and Bangholm being the two leading varieties.

Purple Top Strap Leaf

A very early strap leaved variety extensively used for the table, especially in the South. The roots are flat, medium size, purple or dark red above the ground, white below. The flesh is white, fine grained and tender. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 90c.

White Egg

A very early variety, and the most popular in this territory for both the market and home garden. It is egg shaped, pure white, fine grained, and does not become strong. It is one of the heaviest croppers grown, and the best all season turnip on the mar-

ket. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., \$1.00.

Early White Milan

This is an extra early variety, very popular with market gardeners. The turnip is strap leaved, has a small top, and is very mild and sweet. It is the best of the early white varieties. Postpaid: Pkt., 5c; oz., 20c; ¼-lb., 66c; lb., \$2.00.

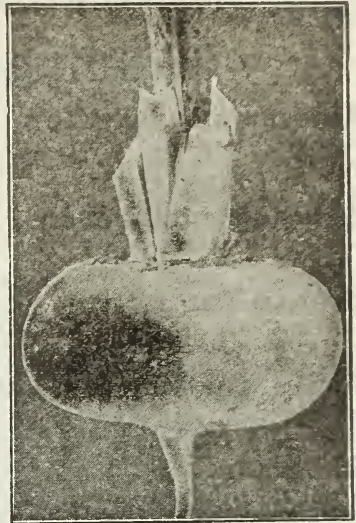
Pomeranian White

Globe

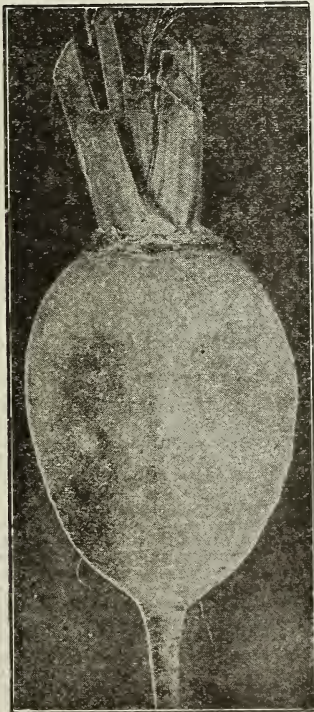
A large sized turnip, with large leaves suitable for the table or for stock. When pulled for table use it must be pulled before growing too large. Frequently grows in rich soil to 12 pounds in weight. Postpaid: Pkt., 5c; oz., ¼-lb., 25c; lb., 90c.

Snowball

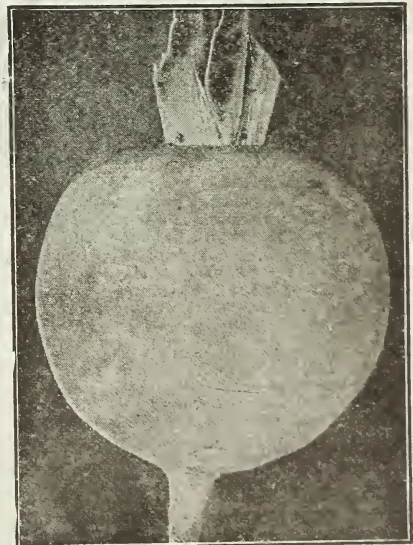
This is a medium size turnip of exceptionally fine flavor. It is pure white in color, and perfectly globular in shape. It is ready for the table six weeks after planting. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., \$1.00.



Early White Milan



White Egg



Purple Top Globe

Purple Top White Globe

The favorite for the table because of its mild flavor and attractive appearance. It is purple or dark red above the ground and pure white below. It is a heavy yielder, and keeps well. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., \$1.00.

Yellow Aberdeen, Purple Top

This is a late maturing yellow turnip, and must be planted two weeks before any of the other varieties. It is tender and sweet, nutritious and valuable for stock feeding. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.25.

Rutabaga

American Purple Top (Long Island Improved). Very hardy and productive. It is of American origin, and is the best of the yellow purple top rutabagas. The flesh is very tender and sweet. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.25.

Skirving's Improved A large variety and a very heavy cropper. One of the best for field culture. It is of excellent quality and keeps well. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.25.

Bronze Top A large, oval variety, with yellow flesh and bronze green top. Desirable on account of its sureness to make in any soil where other varieties would go to tops. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.25.

White Russian or Large White

Grows very large. Flesh firm, white and solid; excellent for table or stock and a good keeper. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.25.

Bangholm Top Rutabagas; an excellent variety, both in shape and quality. The roots are of large size, oblong, globular shaped, with small neck yellow flesh, very dark purple top. A large cropper; superior to all other rutabagas. Postpaid: Pkt., 5c; oz., 10c; ¼-lb., 35c; lb., \$1.25.



Bangholm

Adolph Hielscher, Hiff, Colo.—We had good luck with seed got from you. The Alabama Sweet Watermelons we got from you were fine—so sweet and nice. Everybody said that they were the sweetest they had ever eaten. We had some that weighed forty pounds. I will send for some more seeds in the spring.

TOMATOES

One ounce of seed should produce 2,000 plants

CULTURE Tomatoes do best on light, warm, not over-rich soil. Success depends in a large measure upon securing a rapid, vigorous, unchecked growth during the early part of the season. For first early tomatoes select varieties of the earliest types, and start the plants under glass in hot beds or greenhouses during February and March. When the plants are about 2 inches high they should be transplanted to flats, pots or plant boxes. Never crowd the plants, but keep them short and stocky. Plants already in bloom if in pots or boxes may be transplanted to the open ground without disturbing their roots, and will continue to bloom and fruit without check. When danger from frost has passed, set the plants in the field in rows about 4 feet apart each way, in warm, mellow soil of fair fertility. For main crop the plants can be started somewhat later in hot beds or cold frames, and then set in the open ground the same as the early varieties. Tomatoes require very little water, just enough to keep them in good growing condition; too much water will cause them to blight. Cultivate often and thoroughly as long as the vines will permit. The last two or three workings of the soil should be shallow or the crop may be badly injured. It is a matter of personal liking whether tomatoes should be trained upon stakes or trellises, or whether they should be left to ramble over the ground. A great many of the early varieties which are grown throughout the middle West are dwarf varieties, which really do not require staking, but where the taller varieties are grown the yield and quality of the fruit will be improved by staking or trellising the plants.

Some of the large canning companies in the irrigated districts of the West issue cultural directions to their growers, which reads as follows:

IRRIGATION: Watch your soil carefully. Dig down six inches to one foot and check up on your moisture. Always keep an even moisture in the ground. An uneven supply of moisture has a tendency to cause blight, blossom end rot and cracking of the fruit, also gives an irregular growth, making the vine go to growth more than setting to fruit. Do not irrigate when vines are in heavy bloom. Do not furrow out too close to your vines.

CULTIVATION: The roots of the vines should be inspected, so that the grower knows the root system, what depth and how far out they have extended, that he may govern his cultivation accordingly. Do not cultivate too deep, nor too close to the vines. Do not leave your ground in ridges, as it has a tendency to dry out faster. Keep the top of the soil finely mulched to preserve the moisture. During the last cultivation leave a shallow furrow in the center of the row for future irrigations.

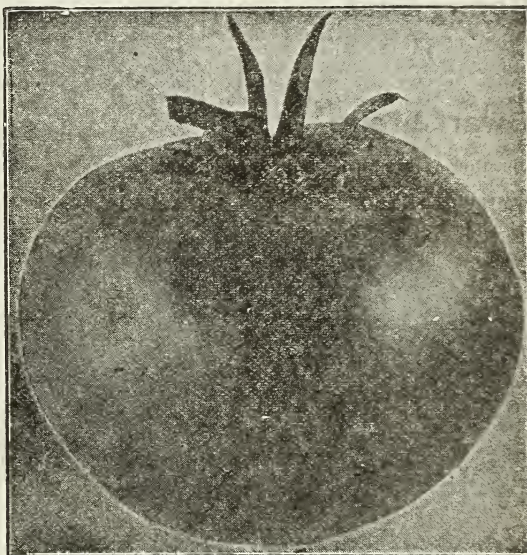
Tomatoes are fast becoming a staple crop in all parts of the world, and are already in many countries considered just as much a necessity as the potato. Fifty years ago this vegetable was considered unfit for the table, and now there is none more popular, thousands of acres are annually grown in this vicinity and throughout the middle West for the canning companies, as well as large quantities for the local markets. It is a point of good gardening to have this vegetable early, and those who succeed are well paid for the trouble. Tomatoes are an easy and comparatively inexpensive crop to grow; they are vigorous and very prolific, the largest expense being for picking, as they

THE MAIL ORDER SEED HOUSE OF THE WEST

often produce 15 to 20 tons per acre. Our tomato seed were all grown in California for us by an old experienced tomato seed grower, who has made a life study of them in the East, finally transferring his operations to California, where conditions were more favorable for the production of seed. We have handled these seeds almost exclusively for the past seven years without a complaint from any one concerning them, but, instead, have received numerous commendations. We challenge any one to produce any better or truer to name and description. If you are not satisfied with the seeds you have been using give ours a trial—you will be more than pleased with them.

We grow on our Seed and Vegetable Farm all of the tomato plants we furnish our retail customers, and in addition thereto hundreds of thousands of plants to some of the largest canneries in the West. Each season we receive hundreds of orders from customers in which they state the particular purpose for which the plants are desired, asking us to send them the varieties we consider best suited to such purposes, and to enable such persons to easily and quickly make their own selections, also as an aid to the novice and those who do not care to take the time to read the full description of each variety we catalog, to determine which they want. We will here preface our detailed description of each variety by giving some of the characteristics, habits and uses of each variety listed. Spark's Earliana is the earliest to ripen of any of the large smooth varieties, and on this account is one of the best sellers. The plants are compact in growth, producing clusters of large, bright red fruits, the bulk of which ripens early. Where earliness is quite an object we would recommend Spark's Earliana. In point of earliness June Pink or Pink Earliana, as it is sometimes called, ranks next to Spark's Earliana. In reality it is only an improved strain of the Earliana; is only a day or so later in beginning to ripen its fruit, which are of a darker deep red color, very smooth and uniform in size, without cracks or green core. The vines are rather dwarf with a light foliage, causing some of the fruit to sunburn during extreme hot weather. The fruits are borne in clusters of from 5 to 8, and with proper care the vines will bear continuously from beginning of the season until killed by frost. June Pink is the most prolific, best colored, best shaped, best size and best all purpose early tomato for the middle West, and we cannot recommend it too highly to those desiring the best early variety. Bonnie Best is a comparatively new introduction that is rapidly growing in popularity. Its supporters claim it is as early as Earliana or June Pink, better colored, better shape, better size and much more prolific. The vines are vigorous, with heavy foliage, which protects the fruits from the hot sun. The fruits are of a bright scarlet color, always smooth and uniform in size and shape. An excellent green house variety and a good one to follow. Earliana and June Pink in the open field. Chalk's Early Jewel is undoubtedly the best all purpose early tomato on the market. It begins to ripen a few days later than Earliana and June Pink, but is larger in size, and a much heavier cropper. The fruits are bright scarlet, ripens up to the stem without green core. Flesh thick, bright scarlet, through and through, very solid, splendid for slicing, and one of the very best for canning. Grown very largely by canners throughout the middle West and short season districts, on account of its earliness, color, quality and productiveness. The plants are very hardy and robust, admitting of earlier setting in the field, as it is claimed it withstands cool weather and blight where more tender sorts would be injured. John Baer is a new early variety of recent introduction, possessing qualities of the June Pink and Early Jewel varieties. It is very early, hardy and productive, a combination of qualities seldom seen in an extra early variety. The fruits are large, smooth, nearly round, with a very attractive scarlet color. A magnificent tomato for market gardeners, shippers and canners. Of the main crop varieties Beauty is by far the most popular, especially in the middle West. It is early, hardy and prolific, bearing its fruits in clusters of from 4 to 6. The fruit is large, smooth, very solid and of perfect shape. May be picked quite green and yet ripen up nicely. This is the variety grown so largely around Denver for the local and shipping trade. Dwarf Ponderosa is the largest fruited of the Dwarf or Tree Tomato.

Vines grow about 2 feet high, making it a most desirable sort for the home garden. Dwarf Champion is one of the most popular home garden varieties, as it is dwarf and needs no staking; is early and a good cropper. Fruits are large, of beautiful glossy purple, thick and solid, with large meat center. Dwarf Stone is another large fruited dwarf variety of recent introduction. The fruits are nearly as large as the standard Stone, smooth, and ripens evenly; color bright red. The Stone is the largest of the main crop varieties; is grown very largely for canning purposes. The Globe is the favorite greenhouse variety. It is medium early, very productive; fruit large, always smooth, flesh firm, with but few seeds; ripens evenly; color, a fine glossy rose, tinged with purple. Is slow to blight; one of the best all purpose varieties. The Golden Queen is a large, handsome, beautiful golden yellow tomato. In size, shape and quality it will equal any of the red varieties, but is not so popular on account of its color. The Red Cherry, Yellow Plum, Yellow Pear and Husk are all preserving varieties, and are growing more and more popular each season.



Livingston's Beauty

Beauty This is by far the most popular and largely grown tomato in the vicinity of Denver and throughout the middle West. The vines grow strong and hardy, with a heavy foliage, which protects the fruits, preventing them from sunburning during the extreme hot weather, which is quite an object in the non-irrigated districts, where it gets exceedingly hot and dry. The fruits are produced in clusters of 4 to 6 large, smooth and early. Color deep rich purple red; flesh firm, solid, excellent quality, with very small seed cells. Noted for its long shipping qualities. May be picked quite green, yet ripen up nicely; looks well, and keeps in perfect condition longer than any other variety. It is an ideal home market and long shipping tomato. Postpaid: Pkt., 5c; oz., 35c; ¼-lb., \$1.00; lb., \$3.50.

John Baer A new early variety of recent introduction. Very hardy and exceptionally productive. Fruits are a bright red, very attractive, and the largest of the extra early sorts. They are almost round, smooth, firm, and of excellent quality. It is one of the very earliest and continues to bear longer than other early varieties. The plant will stand plenty of fertilizer without going too much to vine. An invaluable sort for market gardeners. Postpaid: Pkt., 5c; oz., 30c; ¼-lb., \$1.00; lb., \$3.50.

Dwarf Ponderosa This is one of the largest fruited varieties of the dwarf or tree tomatoes. A cross between "Dwarf Champion" and the original Ponderosa. This new tomato combines all the best qualities of the two varieties from which it came, having stocky, dwarf, branching habit and distinctive foliage of the "Dwarf Champion" plant, growing about two feet high, yet producing the original Ponderosa fruit, except it is a trifle smaller, yet large enough for any use, whether for slicing, cooking or canning. Its dwarf, compact habit makes it more desirable for the small garden than the original tall growing Ponderosa. It is coreless, meaty, solid and fine flavored. Postpaid: Pkt., 5c; oz., 50c; ¼-lb., \$1.50; lb., \$5.00.

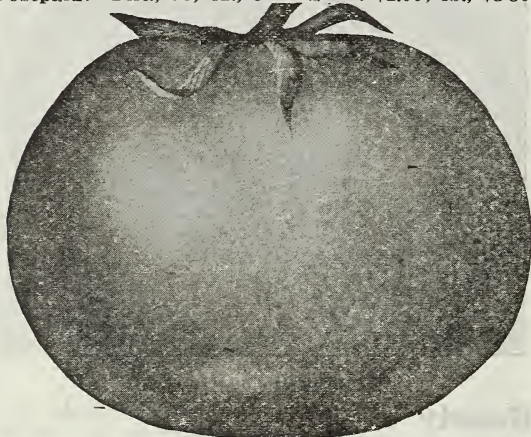
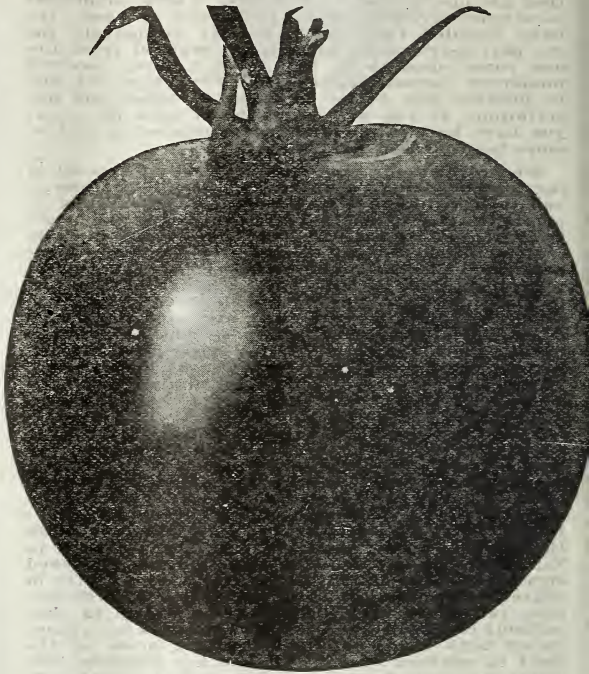
Globe In shape, this tomato is distinct from all others, being a beautiful globe. It ripens thru and thru. A fine glossy rose in color, tinged with purple. Very productive. Postpaid: Pkt., 5c; oz., 30c; ¼-lb., \$1.00; lb., \$3.50.

Spark's Earliana It is the earliest large, smooth red tomato. Its solidity, and fine quality, are equal to the best medium and late sorts. Postpaid: Pkt., 5c; oz., 35c; ¼-lb., \$1.00; lb., \$3.50.

Bonny Best One of the finest, bright red tomatoes for growing in green houses, and a good one to follow the extra early varieties in the open field. Color, bright scarlet, always smooth, and of uniform shape and size. A splendid sort for market and shipping. Postpaid: Pkt., 5c; oz., 35c; ¼-lb., \$1.00; lb., \$3.50.

Dwarf Stone A vigorous growing dwarf red tomato of recent introduction. The fruits are larger than those of the Dwarf Champion, smooth, bright red, and ripens evenly. Is very prolific, and an excellent all around tomato. Postpaid: Pkt., 5c; oz., 35c; ¼-lb., \$1.00; lb., \$3.50.

Ponderosa A purplish pink tomato of the largest size. Vines vigorous and very productive. Fruit very solid with but few seeds, and very fine for slicing. Postpaid: Pkt., 5c; oz., 40c; ¼-lb., \$1.25; lb., \$4.00.



Dwarf Champion

Dwarf Champion or Tree Tomato

Quite distinct from other varieties in habit of growth. Good sort for the home garden, as the plants, owing to their peculiar upright growth, may be set from 18 inches to two feet apart, and still produce an abundant crop. Fruits of a beautiful, glossy purple, firm, solid, thick flesh, with large, meaty center. Postpaid: Pkt., 5c; oz., 35c; ¼-lb., \$1.00; lb., \$3.75.

Chalk's Early Jewel The largest, smoothest, and finest flavored, extra early, bright red tomato; only a few days later than Spark's Earliana. The plants are of bushy, compact growth, heavily loaded with fruit. The tomatoes are of good size, very solid, and deep thru, being almost round; color bright scarlet, ripening to the stem without cracks or green core. The flesh is thick, solid, of fine flavor, with few seeds. Postpaid: Pkt., 5c; oz., 35c; ¼-lb., \$1.00; lb., \$3.50.

Stone The largest, bright red, perfectly smooth, fine flavored, main crop variety grown. It is grown largely for canning and shipping purposes. Postpaid: Pkt., 5c; oz., 35c; ¼-lb., \$1.00; lb., \$3.50.

June Pink An extra early pink tomato. It is very popular with the market gardeners, where first in the market means so much. The fruit is borne in clusters and begins to ripen early, and bears continuously until cut down by frost. The seed of this variety we have grown for us under contract by an old grower, who has specialized in tomatoes for thirty years, and is able to grow the best that experience and money can produce. Those who have grown these tomatoes have realized more than double for their crop than any other variety, as they are earlier, more prolific, and of better quality, excelling that of the Beauty in earliness, yield and quality. If you want the first and best tomato on the market, try our June Pink. Postpaid: Pkt., 5c; oz., 35c; ¼-lb., \$1.00; lb., \$3.50.

Golden Queen A very handsome, large tomato; color a beautiful golden yellow, sometimes with a slight blush of red. It is as smooth and well shaped as the best of the red varieties, and of superior flavor. Postpaid: Pkt., 5c; oz., 35c; ¼-lb., \$1.00; lb., \$3.50.

Red Cherry Fruit small, being ½ of an inch in diameter, perfectly round and smooth. Fine for pickles and preserves. Postpaid: Pkt., 5c; oz., 40c; ¼-lb., \$1.25; lb., \$4.75.

Yellow Plum Fruit plum shaped, of clear deep yellow color. Flesh yellow and finely flavored. Much esteemed for preserves. Postpaid: Pkt., 5c; oz., 40c; ¼-lb., \$1.25; lb., \$4.75.

Yellow Pear Used for preserves and to make tomato figs. Distinctly pear shaped, and of excellent flavor. Postpaid: Pkt., 5c; oz., 40c; ¼-lb., \$1.25; lb., \$4.75.

Black Tomato Fruit golden yellow, size of a cherry. Fine for preserves, pies or eating from the hand. Postpaid: Pkt., 5c; oz., 40c; ¼-lb., \$1.25; lb., \$4.75.

Purple Husk Similar to Golden Husk, only purple in color. It is very productive, containing more acid than Golden Husk. Postpaid: Pkt., 5c; oz., 40c; ¼-lb., \$1.25; lb., \$4.75.

Condensed Price List of Garden and Flower Seeds

FOR CONVENIENCE IN ORDERING

Following herewith is a Condensed Price List of Garden and Flower Seeds for the convenience of customers in ordering. The prices here quoted are the same as those quoted in connection with the special description of each article, which will be found listed alphabetically in the descriptive section of the Catalog.

We have large stocks of nearly every article listed herein. Prices quoted are good as long as present stocks last, then subject to market prices, which, if lower, you will receive the benefit of the decline, and if higher, will notify you before making shipment. We are inserting next to this Condensed Price List an order blank for further convenience in ordering, and would suggest you order early while our stocks are complete and before the rush season begins; also that you may have the seeds on hand ready to plant at your convenience. If you are a dealer or Market Gardener and buy in large quantities, write for special prices to which you are entitled.

In remitting, please send Draft, Post Office or Express Money Orders or Personal Checks, provided you have money in bank to pay it. Coins should not be sent by mail. They often cut through the envelope and are frequently lost in transit and it is impossible to ascertain when, where or how they were lost. Amounts of less than \$1.00 may be sent in U. S. postage stamps. We do not ship seeds C. O. D. unless at least one-third of the amount of the purchase price accompanies the order.

ASPARAGUS

	Postpaid Prices			By Freight or Express at Purchaser's Expense.		
	Ounce	¼-Lb.	Lb.	Ounce	¼-Lb.	Lb.
Barr's Mammoth	\$0.10	\$0.30	\$0.80	\$0.10	\$0.30	\$0.75
Palmetto .....	.10	.30	.80	.10	.30	.75
Giant Argenteuil .....	.10	.30	.80	.10	.30	.75
Conover's Colossal .....	.10	.30	.80	.10	.30	.75
Columbian Mammoth White .....	.10	.30	.80	.10	.30	.75
Bonvallet's Giant .....	.10	.30	.80	.10	.30	.75

Roots of the above, 35c per doz; \$1.25 per 100; \$10.00 per 1000, postpaid.
Packets of any of the above, 5c each; 6 for 25c, postpaid.

BEANS

	¼-Lb.	½-Lb.	Lb.	10 Lbs.	¼-Lb.	½-Lb.	Lb.	10 Lbs.
Pencil Pod Wax	\$0.10	\$0.20	\$0.35	\$3.00	\$0.10	\$0.20	\$0.30	\$2.50
Wardwell's Kidney Wax .....	.10	.20	.35	3.00	.10	.20	.30	2.50
Round Pod Kidney Wax .....	.10	.20	.35	3.00	.10	.20	.30	2.50
Improved Golden Wax .....	.10	.20	.35	3.00	.10	.20	.30	2.50
Prolific Early Black Wax .....	.10	.20	.35	3.00	.10	.20	.30	2.50
Davies White Wax .....	.10	.20	.35	3.00	.10	.20	.30	2.50
Refugee Wax .....	.10	.20	.35	3.00	.10	.20	.30	2.50
Sure Crop Wax .....	.10	.20	.35	3.00	.10	.20	.30	2.50
Extra Early Refugee Green Pod .....	.10	.20	.35	3.00	.10	.20	.30	2.50
Burpee's Stringless Green Pod .....	.10	.20	.35	3.00	.10	.20	.30	2.50
Fordhook Favorite Green Pod .....	.10	.20	.35	3.00	.10	.20	.30	2.50
Giant Stringless Green Pod .....	.10	.20	.35	3.00	.10	.20	.30	2.50
Longfellow Green Pod .....	.10	.20	.35	3.00	.10	.20	.30	2.50
Full Measure Green Pod .....	.10	.20	.35	3.00	.10	.20	.30	2.50
Red Valentine Green Pod .....	.10	.20	.35	3.00	.10	.20	.30	2.50
Early Yellow Six Weeks Green Pod .....	.10	.20	.35	3.00	.10	.20	.30	2.50
Dwarf Horticultural Green Pod .....	.10	.20	.35	3.00	.10	.20	.30	2.50
Black Valentine Green Pod .....	.10	.20	.35	3.00	.15	.20	.35	3.00
E. Golden Cluster Wax Pole .....	.15	.20	.40	3.50	.10	.20	.30	2.50
Kentucky Wonder (Green) .....	.10	.20	.35	3.00	.10	.20	.30	2.50
Lazy Wife Pole Bean (Green) .....	.15	.25	.40	3.50	.10	.20	.35	3.00
White Kentucky Wonder .....	.15	.25	.40	3.50	.10	.20	.35	3.00
White Creaseback .....	.15	.25	.40	3.50	.10	.20	.35	3.00
White Dutch Caseknife .....	.15	.25	.40	3.50	.10	.20	.35	3.00
Scarlet Runner .....	.15	.25	.45	4.00	.15	.25	.40	3.50
E. Early Jersey Lima .....	.15	.25	.40	3.50	.10	.20	.35	3.00
Colorado Butter Bean .....	.15	.25	.40	3.50	.10	.20	.35	3.00
Burpee's Bush Lima .....	.15	.25	.40	3.50	.10	.20	.35	3.00
Henderson's Bush Lima .....	.10	.20	.35	3.00	.10	.20	.35	2.50
Broad Windsor .....	.15	.25	.45	4.00	.15	.25	.40	3.50

Packets of any of the above BEANS, 5c each, 6 for 25c, Postpaid.

BEETS

	Oz.	¼-Lb.	½-Lb.	1 Lb.	Oz.	¼-Lb.	½-Lb.	Lb.
Early Wonder	\$0.10	\$0.35	\$0.65	\$1.10	\$0.10	\$0.35	\$0.65	\$1.05
Edmand's Early Blood Turnip .....	.10	.35	.65	1.10	.10	.35	.65	1.05
Crosby's Egyptian .....	.10	.35	.65	1.10	.10	.35	.65	1.05
Early Eclipse .....	.10	.35	.65	1.10	.10	.35	.65	1.05
E. Early Egyptian Flat .....	.10	.35	.65	1.10	.10	.35	.65	1.05
Imp. Early Blood Turnip .....	.10	.35	.65	1.10	.10	.35	.65	1.05
Detroit Dark Red .....	.10	.35	.65	1.10	.10	.35	.65	1.05
Swiss Chard .....	.15	.50	.85	1.50	.15	.50	.85	1.45

Packets of any of the above BEETS, 5c each, 6 for 25c, Postpaid.

SUGAR BEETS

	½-Lb.	Lb.	10 Lbs.	½-Lb.	Lb.	10 Lbs.
Vilmorin's Improved White	\$0.50	\$0.90	\$8.50	\$0.45	\$0.80	\$7.50
White Red Top .....	.50	.90	8.50	.45	.80	7.50
Klein Wanzleben .....	.50	.90	8.50	.45	.80	7.50
Lane's Imperial .....	.50	.90	8.50	.45	.80	7.50

MANGEL WURTZEL BEETS

	Postpaid Prices.			By Freight or Express at Purchaser's Expense.		
	½-Lb.	Lb.	10 Lbs.	½-Lb.	Lb.	10 Lbs.
Giant Red Eckendorff .....	.40	.75	7.00	.35	.65	6.00
Danish Sludstrup .....	.40	.75	7.00	.35	.65	6.00
Giant Feeding Half Sugar Beet and Mangel .....	.40	.75	7.00	.35	.65	6.00
Improved Golden Tankard .....	.40	.75	7.00	.35	.65	6.00
Mammoth Long Red .....	.40	.75	7.00	.35	.65	6.00

Packets of any of the above Sugar Beets and Mangels, 5c each, 6 for 25c, Postpaid.

CABBAGE

	Oz.	¼-Lb.	½-Lb.	Lb.	Oz.	¼-Lb.	½-Lb.	Lb.
Early Jersey Wakefield .....	.30	.90	1.75	3.00	.30	.90	1.75	3.00
Charleston Wakefield .....	.30	.90	1.75	3.00	.30	.90	1.75	3.00
Enkhuizen Glory .....	.40	1.50	2.70	5.00	.40	1.50	2.70	5.00
Copenhagen Market .....	.45	1.75	3.25	6.00	.45	1.75	3.25	6.00
Early Winnigstadt .....	.30	1.00	1.75	3.00	.30	1.00	1.75	3.00
Early Dwarf Flat Dutch .....	.30	.90	1.75	3.60	.30	.90	1.75	3.00
Danish Round Head or Short Stem Hollander .....	.40	1.50	2.75	5.00	.40	1.50	2.75	5.00
Danish R. H. Middle Stem Hollander .....	.40	1.50	2.75	5.00	.40	1.50	2.75	5.00
Danish B. H. Tall Stem Hollander .....	.40	1.50	2.75	5.00	.40	1.50	2.75	5.00
Green Hollander .....	.40	1.50	2.75	5.00	.40	1.50	2.75	5.00
Drumhead Savoy .....	.35	1.25	2.25	4.00	.35	1.25	2.25	4.00
Early Summer .....	.30	.90	1.75	3.00	.30	.90	1.75	3.00
Henderson's Succession .....	.30	.90	1.75	3.00	.30	.90	1.75	3.00
Large Late Drumhead .....	.30	.90	1.75	3.00	.30	.90	1.75	3.00
Surehead .....	.30	.90	1.75	3.00	.30	.90	1.75	3.00
Premium Late Flat Dutch .....	.30	.90	1.75	3.00	.30	.90	1.75	3.00
Large Red Drumhead .....	.35	1.00	1.85	3.50	.35	1.00	1.85	3.50
Mammoth Red Rock .....	.40	1.25	2.25	4.00	.40	1.25	2.25	4.00

Packets of any of the above, 5c each, 6 for 25c, Postpaid.

CELERY CABBAGE Pkt., 5c; ½-oz., 15c; oz., 25c; ¼-lb., 90c; ½-lb., \$1.50, Postpaid.

COLLARDS Georgia. Pkt., 5c; oz., 20c; ¼-lb., 60c; lb., \$2.00, Postpaid.

BRUSSELS SPROUTS Imp. Dwarf. Pkt., 5c; oz., 40c; ¼-lb., \$1.50; lb., \$5.00. Postpaid.

CARROTS

	Oz.	¼-Lb.	½-Lb.	Lb.	Oz.	¼-Lb.	½-Lb.	Lb.
Danver's Half Long	\$0.15	\$0.35	\$0.65	\$1.25	\$0.15	\$0.35	\$0.65	\$1.20
Coreless .....	.15	.35	.65	1.25	.15	.35	.65	1.20
Nante's Half Long .....	.15	.35	.65	1.25	.15	.35	.65	1.20
Chantenay .....	.15	.35	.65	1.25	.15	.35	.65	1.20
Oxheart or Guerande .....	.15	.35	.65	1.25	.15	.35	.65	1.20
Improved Long Orange .....	.15	.35	.65	1.25	.15	.35	.65	1.20
Early Searlet .....	.15	.35	.65	1.25	.15	.35	.65	1.20
Early Scarlet Horn .....	.15	.35	.65	1.25	.15	.35	.65	1.20
White Belgian .....	.10	.25	.40	.75	.10	.25	.40	.70
Yellow Belgian .....	.10	.25	.40	.75	.10	.25	.40	.70

Packets of any of the above CARROTS, 5c each, 6 for 25c, Postpaid.

CAULIFLOWER

	¼-Oz.	Oz.	¼-Lb.	½-Oz.	Lb.	¼-Oz.	Oz.	¼-Lb.	½-Lb.	Lb.
Snowball (Henderson's Strain)	\$1.00	\$3.00	\$11.00	\$4.00	\$40.00	\$1.00	\$3.00	\$11.00	\$21.00	\$40.00
Early Snowball	1.00	3.00	11.00	21.00	40.00	1.00	3.00	11.00	21.00	40.00
Dwarf Erfurt	1.00	3.00	11.00	21.00	40.00	1.00	3.00	11.00	21.00	40.00
Danish Dry Weather	1.00	3.00	11.00	21.00	40.00	1.00	3.00	11.00	21.00	40.00
Improved Self Protecting Snowball	1.00	3.00	11.00	21.00	40.00	1.00	3.00	11.00	21.00	40.00
Danish Perfection	1.00	3.00	11.00	21.00	40.00	1.00	3.00	11.00	21.00	40.00

Packets of any of the above CAULIFLOWER, 25c each, Postpaid.

CELERY

	¼-Oz.	Oz.	¼-Lb.	½-Lb.	Lb.	¼-Oz.	Oz.	¼-Lb.	½-Lb.	Lb.
Golden Self-Blanching: Pkt., 20c. ....	.35	\$1.25	\$ 4.25	\$8.00	\$15.00	\$0.35	\$1.25	\$4.25	\$8.00	\$15.00
Giant Pascal: Pkt., 5c. ....	.30	.75	1.50	2.50	...	.30	.75	1.50	2.50	...
White Plume: Pkt., 10c. ....	.35	1.10	2.00	3.50	...	.35	1.10	2.00	3.50	...
CELERIAC or Turnip Rooted										
Celery: Pkt., 5c. ....	.25	.75	...	2.50	...	.25	.75	...	2.50	...

CHICORY

	½-Oz.	Oz.	¼-Lb.	Lb.	½-Oz.	Oz.	¼-Lb.	Lb.
Common .....	.15	.25	.80	3.00	.15	.25	.80	\$3.00
Witloof (French Endive) .....	.15	.25	.80	2.75	.15	.25	.80	2.75

Chervil Curled: Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., \$1.00, Postpaid.

CRESS

	Oz.	¼-Lb.	Lb.	Oz.	¼-Lb.	Lb.
Fine Triple Curled: Pkt., 5c. ....	.10	.30	1.00	.10	.30	1.00
Watercress: Pkt., 20c; ½-oz., 35c. ....	.60	2.00	7.00	.60	2.00	7.00

THE MAIL ORDER SEED HOUSE OF THE WEST

SWEET CORN

	Postpaid Prices.			By Freight or Express at Purchaser's Expense.		
	½-Lb.	Lb.	10 Lbs.	½-Lb.	Lb.	10 Lbs.
Peep O'Day.....	.20	.30	\$2.50	.15	.25	\$2.00
Howling Mob.....	.20	.30	2.50	.15	.25	2.00
New Golden Bantam.....	.20	.30	2.50	.15	.25	2.00
Early Evergreen.....	.20	.30	2.50	.15	.25	2.00
Stowell's Evergreen.....	.20	.30	2.50	.15	.25	2.00
Black Mexican.....	.20	.30	2.50	.15	.25	2.00
Early Minnesota.....	.20	.30	2.50	.15	.25	2.00
Country Gentleman.....	.20	.30	2.50	.15	.25	2.00
White Cob Cory.....	.20	.30	2.50	.15	.25	2.00
Early Mayflower.....	.20	.30	2.50	.15	.25	2.00
White Evergreen.....	.20	.30	2.50	.15	.25	2.00
Golden Cream.....	.20	.30	2.50	.15	.25	2.00
Bantam Evergreen.....	.20	.30	2.50	.15	.25	2.00

Packets of any of the above SWEET CORN, 5c each; 6 for 25c; postpaid.

Corn Salad Pkt., 5c; oz., 15c; ¼-lb., 60c; lb., \$2.25. Postpaid.

CUCUMBER

	Oz.	¼-Lb.	Lb.	Oz.	¼-Lb.	Lb.
Snow's Pickling.....	.10	.35	1.25	.10	.35	1.20
Extra Early Evergreen White Spine.....	.10	.35	1.25	.10	.35	1.20
Arlington White Spine.....	.10	.35	1.25	.10	.35	1.20
Davis' Perfect.....	.15	.40	1.50	.15	.40	1.45
Klondike.....	.10	.35	1.25	.10	.35	1.20
Early Frame.....	.10	.35	1.25	.10	.35	1.20
Improved Long Green.....	.15	.40	1.50	.10	.35	1.20
Westerfield's Chicago Pickling.....	.10	.35	1.25	.10	.35	1.20
Boston Pickling.....	.10	.35	1.25	.10	.35	1.20
Fordhook Famous.....	.15	.40	1.50	.15	.40	1.45
Livingston's Emerald.....	.10	.35	1.25	.10	.35	1.20
The Imperial.....	.10	.35	1.25	.10	.35	1.20
Earliest of All.....	.15	.40	1.50	.10	.35	1.20
Japanese Climbing.....	.10	.25	1.25	.10	.35	1.20
Cool and Crisp.....	.10	.35	1.25	.10	.35	1.20
Early Russian.....	.10	.35	1.25	.10	.35	1.20
Lemon.....	.15	.50	1.75	.15	.50	1.70
Thorburn's Everbearing.....	.10	.35	1.25	.10	.35	1.20

Packets of any of the above CUCUMBERS, 5c each; 6 for 25c; postpaid.

ENDIVE

	Oz.	¼-Lb.	Lb.	Oz.	¼-Lb.	Lb.
Green Curled: Pkt., 5c.....	.15	.35	\$1.25	.15	.35	\$1.20
Broad Leaved Batavian: Pkt., 5c.....	.15	.35	\$1.25	.15	.35	\$1.20

Dandelion French Common: Pkt., 5c; oz., 40c.

EGG PLANT

	Oz.	¼-Lb.	Oz.	¼-Lb.
Black Beauty: Pkt., 10c.....	.60	\$2.00	.60	\$2.00
New York Improved: Pkt., 10c.....	.60	\$2.00	.60	\$2.00

KALE BORECOLE

	Oz.	¼-Lb.	½-Lb.	Oz.	¼-Lb.	½-Lb.
Dwarf Curled Scotch: Pkt., 5c.....	.20	.70	\$1.25	.20	.70	\$1.25

LEEK

	Oz.	¼-Lb.	Oz.	¼-Lb.
American Flag: Pkt., 5c.....	.20	.75	.20	.75
Large Rouen: Pkt., 5c.....	.20	.75	.20	.75

KOHL-RABI

	Oz.	¼-Lb.	Oz.	¼-Lb.
Early White Vienna: Pkt., 5c.....	.25	.75	.25	.75

LETTUCE

	Oz.	¼-Lb.	Lb.	Oz.	¼-Lb.	Lb.
Prizehead.....	.10	.35	\$1.00	.10	.35	.95
Shippers' Favorite.....	.10	.45	1.50	.10	.45	1.45
Selected Big Boston.....	.10	.40	1.25	.10	.40	1.20
May King.....	.10	.35	1.00	.10	.35	.95
California Cream Butter.....	.10	.35	1.00	.10	.35	.95
Black Seeded Tennis Ball.....	.10	.35	1.00	.10	.35	.95
Red Edge Victoria.....	.10	.35	1.00	.10	.35	.95
Iceberg.....	.30	1.00	3.00	.30	1.00	3.00
New York Wonderful. Pkt., 16c.....	.40	1.25	4.00	.40	1.25	4.00
Denver Market.....	.10	.35	1.00	.10	.35	.95
Grand Rapids.....	.10	.40	1.25	.10	.40	1.20
Improved Hanson.....	.10	.35	1.00	.10	.35	.95
Black Seeded Simpson.....	.10	.35	1.00	.10	.35	.95
Paris White Cos.....	.10	.35	1.00	.10	.35	.95

Packets of any of the above LETTUCE, 5c each; 6 for 25c; postpaid, except where noted.

MUSTARD

	Oz.	¼-Lb.	Lb.	Oz.	¼-Lb.	Lb.
White English.....	.10	.25	.75	.10	.25	.70
Southern Giant, Curled.....	.10	.30	1.00	.10	.30	.95

Packets of any of the above MUSTARD, 5c each; 6 for 25c; postpaid.

MUSKMELON

	Postpaid Prices.			By Freight or Express at Purchaser's Expense.		
	Oz.	¼-Lb.	Lb.	Oz.	¼-Lb.	Lb.
Netted Gem.....	.10	.35	\$1.10	.10	.35	\$1.05
Tip Top.....	.10	.35	1.10	.10	.35	1.05
Burrel's Gem.....	.10	.35	1.10	.10	.35	1.05
Acme or Baltimore.....	.10	.35	1.10	.10	.35	1.05
Long Island Beauty.....	.10	.35	1.10	.10	.35	1.05
Bay View.....	.10	.35	1.10	.10	.35	1.05
Paul Rose or Petrosky.....	.10	.35	1.10	.10	.35	1.05
Emerald Gem.....	.10	.35	1.10	.10	.35	1.05
Osage or Miller's Cream.....	.10	.35	1.10	.10	.35	1.05
Early Waters.....	.10	.35	1.10	.10	.35	1.05
Netted Rock.....	.10	.35	1.10	.10	.35	1.05
Extra Early Hackensack.....	.10	.35	1.10	.10	.35	1.05
Perfection.....	.10	.35	1.10	.10	.35	1.05
Banana.....	.10	.35	1.10	.10	.35	1.05
Rocky Ford Rust Resisting.....	.10	.35	1.10	.10	.35	1.05
Pollock's Rust Resisting, No. 25.....	.15	.50	1.50	.15	.50	1.45
Gold Lined Rocky Ford.....	.15	.50	1.50	.15	.50	1.45
Eden Gem.....	.10	.35	1.10	.10	.35	1.05

CASSABA

	Oz.	¼-Lb.	Lb.	Oz.	¼-Lb.	Lb.
Eastern or Summer Cassaba.....	.15	.50	\$1.50	.15	.50	\$1.45
Golden Beauty.....	.25	1.00	3.00	.25	1.00	3.00
Winter Pineapple.....	.25	1.00	3.00	.25	1.00	3.00
Honey Dew Melon.....	.15	.50	\$1.50	.15	.50	\$1.45

Packets of MUSKMELON and CASSABA, 5c each; 6 for 25c; postpaid.

WATERMELON

	Oz.	¼-Lb.	Lb.	Oz.	¼-Lb.	Lb.
Cole's Early.....	.10	.25	.85	.10	.25	.80
Ice Cream.....	.10	.25	.80	.10	.25	.75
Citron, Red Seeded.....	.10	.25	.85	.10	.25	.80
Halbert Honey.....	.10	.30	1.00	.10	.30	.95
Tom Watson.....	.10	.30	1.00	.10	.30	.95
Alabama Sweet.....	.10	.30	1.00	.10	.30	.95
Cuban Queen.....	.10	.25	.85	.10	.25	.80
Phinney's Early.....	.10	.25	.85	.10	.25	.80
Kleckley's Sweet.....	.10	.25	.85	.10	.25	.80
Black Diamond.....	.10	.25	.85	.10	.25	.80
Georgia Rattlesnake.....	.10	.25	.85	.10	.25	.80
Early Fordhook.....	.10	.30	1.00	.10	.30	.95
Rocky Ford.....	.10	.25	.85	.10	.25	.80
McIver's Sugar.....	.10	.25	.85	.10	.25	.80
Florida Favorite.....	.10	.25	.85	.10	.25	.80

Packets of any of the above WATERMELONS, 5c; 6 for 25c; postpaid.

HERBS

	Oz.	Oz.
Borage.....	.25	.25
Caraway.....	.25	.25
Dill.....	.25	.25
Lavender.....	.50	.50
Sage.....	.50	.50
Sweet Marjoram.....	.25	.25
Thyme.....	.50	.50
Wormwood.....	.50	.50

Packets of any of the above HERBS, 5c each; 6 for 25c; postpaid.

OKRA

	Oz.	¼-Lb.	Lb.	Oz.	¼-Lb.	Lb.
White Velvet.....	.10	.20	.65	.10	.20	.60
Mammoth Long Pod.....	.10	.20	.65	.10	.20	.60
Dwarf Green.....	.10	.20	.65	.10	.20	.60

Packets of any of the above OKRA, 5c each; 6 for 25c; postpaid.

ONIONS

	Oz.	¼-Lb.	½-Lb.	Lb.	Oz.	¼-Lb.	½-Lb.	Lb.
Large Red Wethersfield.....	.25	.75	...	\$2.50	\$0.25	\$0.75	...	\$2.45
Extra Early Red Flat.....	.25	.75	...	2.50	.25	.75	...	2.45
Yellow Globe Danvers.....	.25	.75	...	2.50	.25	.75	...	2.45
Ohio Yellow Globe (Burton's Strain).....	.25	.75	\$1.40	2.50	.25	.75	...	2.45
Australian Brown.....	.25	.75	1.25	2.25	.25	.75	\$1.25	2.20
Prizetaker.....	.30	1.00	1.75	2.75	.30	1.00	1.75	2.70
New Queen Small.....	.40	1.25	2.00	3.75	.40	1.25	2.00	3.70
White Portugal or Silverskin.....	.30	1.00	1.75	3.25	.30	1.00	1.75	3.20
Crystal White (Bermuda).....	.30	1.00	1.75	3.25	.30	1.00	1.75	3.20
Yellow Bermuda.....	.30	1.00	1.75	3.00	.30	1.00	1.75	2.95
White Barletta.....	.40	1.25	2.00	3.75	.40	1.25	2.00	3.70
White Lisbon.....	.25	.75	1.25	2.25	.25	.75	1.25	2.20
Giant Gibraltar.....	.50	1.40	2.50	4.00	.50	1.40	2.50	4.00
Mountain Danvers*.....	.30	1.00	1.50	2.50	.30	1.00	1.50	2.45
Mountain Globe.....	.30	1.00	1.50	2.50	.30	1.00	1.50	2.45
Yellow Dutch or Strasburg.....	.25	.75	1.25	2.25	.25	.75	1.25	2.20
White Globe.....	.40	1.25	2.00	3.50	.40	1.25	2.00	3.45
Mammoth Silver King.....	.40	1.25	2.00	3.50	.40	1.25	2.00	3.45
Yellow Flat Danvers.....	.25	.75	1.25	2.25	.25	.75	1.25	2.20
Southport Red Globe.....	.30	.75	1.40	2.75	.30	.75	1.40	2.70

Packets of any of the above ONIONS, 5c each, 6 for 25c. Postpaid.

*Plants, per doz., 49c; per 100, 60c; per 1,000, \$5.00. Postpaid.

THE MAIL ORDER SEED HOUSE OF THE WEST

ONION SETS

Onion Sets, 32 Lbs. to Bushel.

	Qt.	¼-Bu.	½-Bu.	Bu.
Yellow Bottom Sets	\$0.30	\$1.75	\$3.25	\$6.00
Red Bottom Sets	.30	1.85	3.50	6.50
White Bottom Sets	.35	2.00	3.75	7.00
White Multipliers	.40	2.75	5.00	...

By Freight or Express at Purchaser's Expense.

	Qt.	¼-Bu.	½-Bu.	Bu.
	\$0.25	\$1.50	\$2.75	\$5.00
	.30	1.65	3.00	5.50
	.30	1.75	3.50	6.00
	.35	2.50	4.50	...

PARSNIPS

New Jersey Hollow Crown. Pkt., 5c.

	Oz.	¼-Lb.	½-Lb.	Lb.
	\$0.10	\$0.30	\$0.50	\$0.85

	Oz.	¼-Lb.	½-Lb.	Lb.
	\$0.10	\$0.30	\$0.50	\$0.80

PARSLEY

Champion Moss-Curled
Double Curled
Hamburg Rooted or German.

	Oz.	¼-Lb.	Lb.
	\$0.10	\$0.30	\$1.00
	.10	.30	1.00
	.10	.35	1.25

	Oz.	¼-Lb.	Lb.
	\$0.10	\$0.30	\$0.95
	.10	.30	.95
	.10	.35	1.20

Packets of the above PARSLEY, 5c each, 6 for 25c, Postpaid.

PUMPKIN

Connecticut Field
Japanese Pie
Small Sugar or Pie
Large Cheese or Kentucky Field
Tennessee Sweet Potato
King of the Mammoths or Potiron
Mammoth Tours
Green Striped Cushaw

	Oz.	¼-Lb.	Lb.
	\$0.10	\$0.25	\$0.70
	.15	.50	1.50
	.10	.30	1.00
	.10	.25	.70
	.15	.50	1.50
	.10	.35	1.25
	.10	.25	.70
	.15	.50	1.50

	Oz.	¼-Lb.	Lb.
	\$0.10	\$0.25	\$0.65
	.15	.50	1.45
	.10	.30	.95
	.10	.20	.65
	.15	.50	1.45
	.10	.35	1.20
	.10	.25	.65
	.15	.50	1.45

Packets of the above PUMPKIN, 5c each, 6 for 25c, Postpaid.

MUSHROOMS

Per Brick, 45c; 10 bricks, \$4.00.

Per Brick, 40c; 10 bricks, \$3.75

PEAS

Alaska or Earliest of All
Dwarf Gray Sugar or Edible Pod
American Wonder
Earliest and Best
Laxtonian or Dwarf Gradus
The Amerer or Mammoth Alaska
Mammoth Melting Sugar
Admiral
Peter Pan
Dwarf Telephone
Improved Stratagem
Large White Marrowfat
Nott's Excelsior
Gradus or Prosperity
Alderman, Admiral Dewey or Improved Telephone
Premium Gem
Thomas Laxton

	¼-Lb.	½-Lb.	Lb.	2 Lbs.	10 Lbs.
	\$0.10	\$0.20	\$0.35	\$0.65	\$3.00
	.15	.25	.45	.85	4.00
	.15	.30	.50	.95	4.50
	.15	.25	.45	.85	4.00
	.15	.25	.50	.95	4.50
	.15	.25	.45	.85	4.00
	.15	.25	.45	.85	4.00
	.15	.25	.45	4.00	4.50
	.15	.30	.50	1.00	4.75
	.15	.30	.50	.95	4.50
	.15	.20	.35	.65	3.00
	.15	.30	.50	.95	4.50
	.15	.30	.50	.95	4.75
	.15	.30	.50	.95	4.75
	.15	.30	.50	.95	4.75

	¼-Lb.	½-Lb.	Lb.	2 Lbs.	10 Lbs.
	\$0.10	\$0.15	\$0.30	\$0.55	\$2.50
	.15	.25	.40	.75	3.50
	.15	.25	.45	.85	4.00
	.15	.25	.40	.75	3.50
	.15	.25	.45	.85	4.00
	.15	.25	.40	.75	3.50
	.15	.25	.40	.75	3.50
	.15	.20	.35	..	3.00
	.15	.25	.45	..	4.00
	.15	.25	.45	.90	4.50
	.15	.25	.45	.85	4.50
	.15	.20	.30	.55	2.50
	.15	.25	.45	.85	4.00
	.15	.25	.45	.90	4.25
	.15	.25	.45	.90	4.25
	.15	.25	.45	.90	4.25

Packets of the above PEAS, 5c each, 6 for 25c, Postpaid.

PEPPERS

Pimento
Sweet Mountain
Red Chili
Large Bell or Bull Nose
Ruby King
Long Red Cayenne
Chinese Giant
Neapolitan
Anaheim Chili
Ruby Giant

	¼-Oz.	Oz.	¼-Lb.
	\$0.15	\$0.50	\$1.25
	.15	.50	1.75
	.15	.50	1.75
	.15	.50	1.75
	.15	.50	1.75
	.15	.50	1.75
	.15	.50	2.00
	.15	.50	1.75
	.15	.50	1.75
	.15	.50	1.50
	.15	.50	1.75

	¼-Oz.	Oz.	¼-Lb.
	\$0.15	\$0.50	\$1.25
	.15	.50	1.75
	.15	.50	1.75
	.15	.50	1.75
	.15	.50	1.75
	.15	.50	1.75
	.15	.50	2.00
	.15	.50	1.75
	.15	.50	1.75
	.15	.50	1.50
	.15	.50	1.75

Packets of the above PEPPERS, 10c each, 3 for 25c, Postpaid.

SEED POTATOES

Add 5c per pound if ordered by Parcel Post.

Minn. Red River Early Ohio
Colorado Dry Land Ohio
Red McClure
Russet Burbank or Nctted Gem
Irish Cobbler
Rose Seedling
Rural New Yorker
Mammoth Pearls
Early Six Weeks

	Lb.	2 Lbs.	10 Lbs.	100 Lbs.
	\$0.15	\$0.25	\$1.00	\$7.00
	.15	.25	1.00	7.00
	.15	.25	1.00	7.00
	.15	.25	1.00	7.00
	.15	.25	1.00	7.00
	.15	.25	1.00	7.00
	.15	.25	1.00	7.00
	.15	.25	1.00	7.00
	.15	.25	1.00	7.00

Postpaid Prices.

By Freight or Express at Purchaser's Expense.

SWEET POTATOES

Add 5c per pound if ordered by Parcel Post.

Yellow Nansemond
Yellow Jersey

	Lb.	10 Lbs.	25 Lbs.
	\$0.20	\$1.75	\$3.75
	.20	1.75	3.75

RADISHES

ROUND VARIETIES.

	Postpaid Prices.			By Freight or Express at Purchasers Expense		
	Oz.	¼-Lb.	Lb.	Oz.	¼-Lb.	Lb.
Crimson Giant	\$0.10	\$0.35	\$1.25	\$0.10	\$0.35	\$1.20
Earliest Round Deep Scarlet Forcing	.10	.35	1.25	.10	.35	1.20
Vicks Scarlet Globe	.10	.35	1.25	.10	.35	1.20
Perfection, White Tipped	.10	.35	1.25	.10	.35	1.20
Early Round Scarlet, White Tipped	.10	.35	1.25	.10	.35	1.20
Early Scarlet Turnip	.10	.30	1.00	.10	.30	.85
Early White Turnip	.10	.35	1.25	.10	.35	1.20
French Breakfast	.10	.35	1.25	.10	.35	1.20
Non Plus Ultra	.10	.35	1.25	.10	.35	1.20
California Mammoth White	.10	.35	1.25	.10	.35	1.20

LONG VARIETIES.

China Rose	\$0.10	\$0.35	\$1.25	\$0.10	\$0.35	\$1.20
Mammoth Japan	.10	.35	1.25	.10	.35	1.20
White Vienna	.10	.35	1.25	.10	.35	1.20
Cincinnati Market	.10	.35	1.25	.10	.35	1.20
Long Black Spanish	.10	.35	1.25	.10	.35	1.20
Round Black Spanish	.10	.35	1.25	.10	.35	1.20
Early Long Scarlet, Short Top	.10	.35	1.25	.10	.35	1.20
White Icicle	.10	.35	1.25	.10	.35	1.20

Packets of the above Radishes, 5c each, 6 for 25c, Postpaid.

SQUASH

Mammoth Chili	\$0.15	\$0.50	\$1.75	\$0.15	\$0.50	\$1.70
Pike's Peak or Sibley	.15	.50	1.75	.15	.50	1.70
Fordhook	.15	.50	1.75	.15	.50	1.70
Chicago Warty Hubbard	.15	.50	1.75	.15	.50	1.70
The Hubbard	.15	.50	1.75	.15	.50	1.70
Golden Hubbard	.15	.50	1.75	.15	.50	1.70
Mammoth Early White Bush Scalloped	.15	.50	1.40	.15	.50	1.35
Boston Marrow	.15	.40	1.25	.15	.40	1.20
Summer Crookneck	.15	.50	1.75	.15	.50	1.70
White Summer Crookneck	.15	.50	1.70	.15	.50	1.65

Packets of the above Squash, 5c each, 6 for 25c, Postpaid.

SPINACH

	Oz.	Lb.	10 Lbs.	Oz.	Lb.	10 Lbs.
Longstanding	\$0.10	\$0.65	\$6.00	\$0.10	\$0.60	\$5.50
Thick-leaved Round	.10	.65	6.00	.10	.60	5.50
New Zealand	.10	1.25	12.00	.10	1.20	11.50
Savoy Leaved or Bloomsdale	.10	.65	6.00	.10	.60	5.50
Giant Thick Leaved	.10	.65	6.00	.10	.60	5.50
Monstrous Leaved Viroflay	.10	.65	6.00	.10	.60	5.50
Victoria	.10	.65	6.00	.10	.60	5.50

Packets of the above SPINACH, 5c each, 6 for 25c, Postpaid.

TURNIP

	Oz.	¼-Lb.	Lb.	Oz.	¼-Lb.	Lb.
Early White Milan	\$0.20	\$0.60	\$2.00	\$0.20	\$0.60	\$2.00
Pomeranian White Globe	.10	.25	.90	.10	.25	.85
Snowball	.10	.30	1.00	.10	.30	.95
Purple Top White Globe	.10	.30	1.00	.10	.30	.95
Purple Top Strap Leaf	.10	.25	.90	.10	.25	.85
White Egg	.10	.30	1.00	.10	.30	.95
Yellow Aberdeen, Purple Top	.10	.35	1.25	.10	.35	1.20

Packets of any of the above TURNIPS, 5c each, 6 for 25c, Postpaid.

YELLOW TURNIP OR RUTABAGA

Bangholm	\$0.10	\$0.35	\$1.25	\$0.10	\$0.35	\$1.20
American Purple Top	.10	.35	1.25	.10	.35	1.20
Skirving's Improved	.10	.35	1.25	.10	.35	1.20
Bronze Top	.10	.35	1.25	.10	.35	1.20
White Russian or Large White	.10	.35	1.25	.10	.35	1.20

Packets of the above RUTABAGAS, 5c each, 6 for 25c, Postpaid.

TOMATOES

Globe	\$0.30	\$1.00	\$3.50	\$0.30	\$1.00	\$3.50
John Baer	.30	1.00	3.50	.30	1.00	3.50
Beauty	.35	1.00	3.50	.35	1.00	3.50
Dwarf Ponderosa	.50	1.50	5.00	.50	1.50	5.00
Spark's Earliana	.35	1.00	3.50	.35	1.00	3.50
Stone	.35	1.00	3.50	.35	1.00	3.50
Ponderosa	.40	1.25	4.00	.40	1.25	4.00
Bonny Best	.35	1.00	3.50	.35	1.00	3.50
Chalk's Early Jewel	.35	1.00	3.50	.35	1.00	3.50
June Pink	.35	1.00	3.50	.35	1.00	3.50
Dwarf Stone	.35	1.00	3.75	.35	1.00	3.75
Dwarf Champion or Tree Tomato	.35	1.00	3.50	.35	1.00	3.75
Red Cherry	.40	1.25	4.75	.40	1.25	4.75
Golden Queen	.40	1.25	4.75	.40	1.25	4.75
Yellow Plum	.35	1.00	3.50	.35	1.00	3.50
Yellow Pear	.40	1.25	4.75	.40	1.25	4.75
Husk Tomato	.40	1.25	4.75	.40	1.25	4.75
Purple Husk	.40	1.25	4.75	.40	1.25	4.75

Packets of the above TOMATOES, 5c each, 6 for 25c, Postpaid.

200,000 Gladioli Bulbs Free

To Our Lady Customers:

We are, pleased to note the interest that women generally are taking in the garden and farm. As our records show that at least 90 per cent of the mail orders we receive for seeds were sent in by some lady member of the family; and in appreciation of the interest manifested, and the esteemed orders they send us, we are going to give them, free of charge, 200,000 Gladioli Bulbs. We have a two-fold object in giving these. Firstly, to advertise our Gladioli; Secondly, to assist our customers in beautifying their homes, yards and gardens with the latest and best varieties of Gladioli on the market—all acclimated and free from disease.

These Gladioli were all grown on our Seed Farm, where we grow acres of them annually. The bulbs we are offering are the newest and best varieties and colors on the market, as described on pages 97 to 100. We will give (as long as they last) with each order for vegetables and flower seeds received from a lady customer amounting to:

\$ 2.50.....	6 Gladioli Bulbs.
5.00.....	12 Gladioli Bulbs.
10.00.....	24 Gladioli Bulbs.

The bulbs to be from Burton's Quality Mixture, which comprise many of the newer and best types, colors and varieties grown by us, as the Mixture is composed of varieties of which we happen to have a surplus. This offer will not apply on our \$1.00 or 50c collections, on which special prices have already been made. If you desire these bulbs, please so state on your order, so they can be sent with your seeds, otherwise they will not be sent, as we cannot afford to send these bulbs out promiscuously—only to those appreciating, wanting and ordering them.

Our Superb Home Garden Collection

\$2.00 WORTH OF "BURTON'S QUALITY SEEDS" FOR \$1.00

FOR \$1.00 We will send you postpaid thirty-five regular 5c and 10c packages of "BURTON'S QUALITY" Garden and Flower Seeds as listed below:

- Beans, Burpee's Stringless
- Beans, Round Pod Kidney Wax
- Beet, Early Blood Turnip
- Beet, Early Egyptian
- Cabbage, Danish Round Head, Short Stem
- Cabbage, Winnigstadt
- Carrots, Oxheart
- Celery, Giant Pascal
- Corn, Golden Bantam
- Corn, Peep O'Day
- Cucumber, Fordhook Famous
- Cucumber, Snow's Pickling
- Lettuce, Grand Rapids
- Lettuce, Prizehead
- Melon, Musk, Rocky Ford
- Melon, Honey Dew
- Onion, White Lisbon

- Onion, Mountain Danvers
- Onion, Southport, Red Globe
- Parsnip, Hollow Crown
- Pea, Alaska
- Pea, Admiral
- Pumpkin, Sugar
- Radish, Cincinnati Market
- Radish, Long White Vienna
- Radish, Early Scarlet Turnip, W. T.
- Spinach, Longstanding
- Squash, White Scaloped Bush
- Tomato, June Pink
- Turnip, White Egg
- Nasturtium, Dwarf Fine Mixed
- Sweet Pea, Large Flowered Mixed
- Morning Glory, Tall, Mixed
- Petunia, Hybrid, Mixed

\$1.00 WORTH OF FLOWER SEEDS FOR 50 CENTS

TO THE LOVER OF FLOWERS: We offer you our 50c COLLECTION of choice flower seeds, which contains twenty of our regular 5c packets of the best Flower Seeds that can be bought, and which, if sold separately, would cost One Dollar.

- Sweet Alyssum, Mixed
- Agrostemma
- Aster, Finest Mixed
- Bachelor's Button
- Canterbury Bells, Single, Mixed
- Chrysanthemums
- Catchfly
- Cosmos, Mixed
- Cypress Vine
- Marigold, Tall

- Mignonette, Mixed colors
- Morning Glory, Climbing
- Mourning Bride, Double Mixed
- Nasturtiums, Dwarf Mixed
- Petunia, Hybrid, Mixed
- Phlox, Mixed Colors
- Pinks, Double, Mixed
- Sweet Peas, Mixed Colors
- Zinnias
- Pansy, Mixed Colors

FOR 25c We will send Postpaid any six of our regular 5c packets of "BURTON'S QUALITY" GARDEN AND FLOWER SEEDS—Purchaser's selection.

For Prices on Field Seeds see our "Special Quantity Price List" enclosed in this Catalog. Beginning February First we will issue monthly during the Seed Season "Burton's Seed Topics", which will contain latest changes in prices with other valuable information to growers and dealers. "Seed Topics" will be mailed you Free of Charge. A card will bring it. Write Today.



A Partial View of Hot Beds and Cold Frames on the Burton Seed Farm, Where Our Vegetable Plants Are Grown.

Vegetable Plants and Roots

We Are Western Headquarters for Vegetable Plants and Roots

We grow all of our Vegetable Plants on our Seed Farm, under our personal supervision. By growing them ourselves we know just what we have, how many of each variety, when they will be ready for planting, and are not dependent upon outsiders for our supply, often to be disappointed when most needed. We have the largest and most complete plant grounds and growing facilities in the West, where we grow them by the acre, from true and tried seeds, by the best experts that money can procure. If you want to be sure of receiving promptly the exact variety and quantities you order, send your orders to us—we have them and they will be sent promptly as ordered.

We recommend having all vegetable plants sent by Express as Parcel Post shipments are often delayed, handled roughly, kept too warm or too cold, to carry any distance and arrive in good condition, but if preferred or more convenient to have them delivered by Parcel Post, we will send them that way, and see that they are properly packed for such shipment, but when so sent we cannot guarantee them to arrive on time or in good condition. Customers will please bear in mind that it requires practically as much time and material to pack and make ready for shipment 100 plants as 1,000—and for this reason we are compelled to charge more proportionately for small amounts than large.

Below we quote prices by Parcel Post, prepaid, or by Express at purchaser's expense:

	By Parcel Post Prepaid			By Express at Purchaser's Expense		
	Doz.	100	1,000	Doz.	100	1,000
Cabbage, Early Jersey Wakefield, Ready April 1st.....	.25	.85	6.50	.20	.75	5.00
Cabbage, Copenhagen Market, Ready April 1st.....	\$.25	\$.85	\$ 6.50	\$.20	\$.75	\$ 5.00
Cabbage, Enkhuizen, Ready April 1st.....	.25	.85	6.50	.20	.75	5.00
Cabbage, Winnigstadt, Ready April 1st.....	.25	.85	6.50	.20	.75	5.00
Cabbage, Early Flat Dutch, Ready April 1st.....	.25	.85	6.50	.20	.75	5.00
Cabbage, Danish Round Head, Short Stem, Ready May 1st.....	.25	.85	6.00	.20	.75	4.00
Cabbage, Danish Round Head, Middle Stem, Ready May 1st.....	.25	.85	6.00	.20	.75	4.00
Cabbage, Danish Ball Head, Tall Stem, Ready May 1st.....	.25	.85	6.00	.20	.75	4.00
Cabbage, Savoy, Drumhead, Ready May 1st.....	.25	1.00	7.00	.20	.85	6.00
Cabbage, Large Red, Ready May 1st.....	.25	1.00	7.00	.20	.85	6.00
Kohl Rabi, White Vienna, Ready May 1st.....	.30	1.10	9.50	.25	1.00	7.00
Brussels Sprouts, Improved Dwarf, Ready May 1st.....	.35	1.00	9.50	.30	1.00	8.00
Cauliflower, Early Snowball, Ready April 1st.....	.30	1.00	7.00	.25	.85	6.00
Cauliflower, Henderson's Strain, Ready April 1st.....	.30	1.00	7.00	.25	.85	6.00
Cauliflower, Improved Snowball, Ready April 1st.....	.30	1.00	7.00	.25	.85	6.00
Cauliflower, Danish Perfection, Ready April 1st.....	.30	1.00	7.00	.25	.85	6.00
Cauliflower, Late Snowball, Ready May 1st.....	.30	1.00	7.00	.25	.85	5.50
Tomato, Earliana, Seedlings, Ready May 15th.....	.35	1.10	8.00	.25	.90	7.00
Tomato, Earliana, Transplanted, Ready May 15th.....	.40	1.25	10.00	.30	1.00	8.50
Tomato, June Pink, Seedlings, Ready May 15th.....	.35	1.10	8.00	.25	.90	7.00
Tomato, June Pink, Transplanted, Ready May 15th.....	.40	1.25	10.00	.30	1.00	8.50

THE MAIL ORDER SEED HOUSE OF THE WEST

	Prepaid			By Express at		
	By Parcel Post			Purchaser's Expense		
Tomato, John Baer, Seedlings, Ready May 15th.....	.35	1.10	8.00	.25	.90	7.00
Tomato, John Baer, transplanted, Ready May 15th.....	.40	1.25	10.00	.35	1.00	8.00
Tomato, Chalk's Early Jewel, Seedlings, Ready May 15th.....	.35	1.10	8.00	.25	.90	7.00
Tomato, Chalk's Early Jewel, Transplanted, Ready May 15th.....	.40	1.25	10.00	.30	1.00	8.50
Tomato, Beauty, Seedlings, Ready May 15th.....	.35	1.10	8.00	.25	.90	7.00
Tomato, Beauty, Transplanted, Ready May 15th.....	.40	1.25	10.00	.30	1.00	8.50
Tomato, Dwarf Champion or Tree, seedlings, Ready May 15th.....	.35	1.10	8.00	.25	.90	7.00
Tomato, Dwarf Champion or Tree, Transpl'd, Ready May 15th.....	.40	1.25	10.00	.30	1.00	8.50
Tomato, Dwarf Ponderosa, Seedlings, Ready May 15th.....	.35	1.10	8.00	.25	.90	7.00
Tomato, Dwarf Ponderosa, Transplanted, Ready May 15th.....	.40	1.25	10.00	.30	1.00	8.50
Tomato, Dwarf Stone, Seedlings, Ready May 15th.....	.35	1.10	8.00	.25	.90	7.00
Tomato, Dwarf Stone, Transplanted, Ready May 15th.....	.40	1.25	10.00	.30	1.00	8.50
Tomato, Red Cherry, Ready May 15th.....	.40	1.25	10.00	.30	1.00	8.50
Tomato, Yellow Pear, Ready May 15th.....	.40	1.25	10.00	.30	1.00	8.50
Tomato, Husk, Ready May 15th.....	.40	1.25	10.00	.30	1.00	8.50
Pepper, Anaheim Chili, Ready May 15th.....	.40	1.25	10.00	.30	1.00	8.50
Pepper, Pimento, Ready May 15th.....	.40	1.25	10.00	.30	1.00	8.50
Pepper, Sweet Mango, Ready May 15th.....	.40	1.25	10.00	.30	1.00	8.50
Pepper, Red Chili, Ready May 15th.....	.40	1.25	10.00	.30	1.00	8.50
Pepper, Cayenne, Ready May 15th.....	.40	1.25	10.00	.30	1.00	8.50
Onion, Giant Gibraltar, Ready April 15th.....	.40	.60	5.00	.15	.50	4.50
Onion, Mountain Danvers, Ready April 15th.....	.40	.60	5.00	.15	.50	4.50
Celery, Golden, Self-Blanching, Ready May 15th.....	.35	.75	5.50	.20	.60	4.50
Celery, Pascal, Ready June 1st.....	.25	.75	5.50	.20	.60	4.50
Sweet Potato Plants, Ready May 15th.....	.40	1.00	8.00	.30	.90	7.00
Asparagus Roots, Barr's Mammoth White, One Year Old.....	.35	1.25	10.00	.25	1.00	8.00
Asparagus Roots, Barr's Mammoth White, Two Years Old.....	.40	1.50	12.00	.30	1.25	10.00
Asparagus Roots, Bonvalett's White, One Year Old.....	.35	1.25	10.00	.25	1.00	8.00
Asparagus Roots, Bonvalett's White, Two Years Old.....	.40	1.50	12.00	.30	1.25	10.00
Asparagus Roots, Conover's, One Year Old.....	.35	1.25	10.00	.25	1.00	8.00
Asparagus Roots, Conover's, Two Years Old.....	.40	1.50	12.00	.30	1.25	10.00
Asparagus Roots, Argenteuil, One Year Old.....	.35	1.25	10.00	.25	1.00	8.00
Asparagus Roots, Argenteuil, Two Years Old.....	.40	1.50	12.00	.30	1.25	10.00
Asparagus Roots, Mammoth White, One Year Old.....	.35	1.25	10.00	.25	1.00	8.00
Asparagus Roots, Mammoth White, Two Years Old.....	.40	1.50	12.00	.30	1.25	10.00
Asparagus Roots, Palmetto, One Year Old.....	.35	1.25	10.00	.25	1.00	8.00
Asparagus Roots, Palmetto, Two Years Old.....	.40	1.50	12.00	.30	1.25	10.00
Rhubarb Roots, Victoria or Linnaeus.....	1.25	8.00	.....	1.00	6.00	.....
Horse Radish Roots.....	.30	1.35	8.00	.20	.85	6.00
Chives, per bunch, sprouted.....	Each	.30	Doz.	2.10	Each	.20
Sage, One Year Old Clumps.....	Each	.35	Doz.	3.10	Each	.25
Mint Clumps.....	Each	.40	Doz.	.....	Each	.30

TREES

We have made arrangements with one of the largest and best nursery men in this section to market his goods, and we offer you below a selection of the hardiest and best nursery stock ever offered out of Denver.

Our prices are **NOT PREPAID**, but include delivery in our freight or express office. Be sure to advise us in ordering as to how you want the stock shipped. If by Parcel Post, include sufficient postage with your order. **No Charge for Packing.**

APPLES

- Yellow Transparent—A fine early variety.
- Wealthy—Extremely hardy. Bears well.
- Maiden Blush—One of the most beautiful apples grown.
- Grimes Golden—A fine cooking and market apple.
- Delicious—One of the most popular of the late varieties.
- Johnathan—One of the best late varieties. Always commands a premium on the market.

PRICES OF ALL VARIETIES

	Each	Per 10	Per 100
Standard Firsts, 5 to 6 feet..	\$1.00	\$9.00	\$75.00
Standard, 2 years, 4 to 5 feet.	.75	7.00	60.00
Standard, 2 years, 3 to 4 feet.	.50	4.50	40.00

CHERRIES

- Early Richmond—One of the earliest of the acid cherries.
- English Morello—Blackish red acid fruit. This variety is destined to be our most popular market variety.
- Large Montmorency—Large red acid cherry—turns nearly black when ripe.

PRICES OF ALL VARIETIES

	Each	Per 10	Per 100
Standard 2-yr. old, 5 to 6 ft..	\$1.50	\$13.00	\$110.00
Standard 2-yr. old, 4 to 5 ft.	1.25	12.00	100.00
Standard 2-yr. old, 3 to 4 ft.	1.00	9.00	75.00

PEARS

- Bartlett—The old standard variety.
- Kieffer—Extremely hardy, almost blight proof.

PRICES OF ALL VARIETIES

	Each	Per 10	Per 100
Standard 2-yr. old, 5 to 6 ft.	\$1.50	\$9.00	\$75.00
Standard 2-yr. old, 4 to 5 ft.	.75	7.00	60.00
Standard 2-yr. old, 3 to 4 ft.	.50	4.50	40.00

PLUMS

- Lombard—Very hardy. Produces reddish plum—yellow flesh.
- De Soto—One of the most popular American varieties.
- Damson—Produces delicious, purple fruit. A fine late variety.

PRICES OF ALL VARIETIES

	Each	Per 10	Per 100
Standard 2-yr. old, 5 to 6 ft.	\$1.50	\$13.00	\$110.00
Standard 2-yr. old, 4 to 5 ft.	1.25	12.00	100.00
Standard 2-yr. old, 3 to 4 ft.	1.00	9.00	75.00

ORNAMENTAL TREES

	Each	Per 10
American Ash.....	\$.75	\$ 6.50
American Elm.....	1.00	9.00
Box Elder.....	1.00	9.00
Silver Leaf Maple.....	1.00	9.00
Carolina Poplar.....	1.00	9.00
Lombardy Poplar.....	1.25	12.00

When Ordering Use Condensed Prices, Pages 64 to 72

BERRIES

STRAWBERRY PLANTS

CULTURE Strawberries require a rich, moist soil—in fact, they should be planted in the best soil on your place. The ground should be well prepared—in April, if possible, and the plants set about two feet apart each way. After planting work the ground well, and keep it moist at all times, if possible. To protect the plants over the winter work a straw mulch or manure into the ground. The ground will then be in fine condition the following spring. Plants should be set out in April or May, and may be set in September, if desired.

Senator Dunlap A very fine mid-season variety. It yields heavy and keeps well, although it is not the first on the market. Very popular in the mountain districts because of its hardness. By Parcel Post: **Prepaid: 40c per doz.; \$1.50 per 100.** By express at purchaser's expense: **30c per doz., \$1.00 per 100.**

Fremont Williams A new variety destined to be very popular both on account of its heavy yield and keeping qualities. A very fine mid-season variety, and valuable to all Western growers because it comes usually at just the time to miss the killing frost we usually have about July 1st. By Parcel Post: **Prepaid: 40c per doz.; \$1.50 per 100.** By express at purchaser's expense: **30c per doz.; \$1.00 per 100.**

Hood River A fine yielding, long keeping variety. The meat is dark red, instead of pink or white, and is valuable on that account. Housewives will pay a premium for the Hood River berry because it makes such superior preserves. By Parcel Post: **Prepaid: 40c per doz.; \$1.50 per 100.** By express at purchaser's expense: **30c per doz.; \$1.00 per 100.**

Everbearing Strawberries The Everbearing strawberry is becoming so widely known and so successful that we predict it will soon displace the old standard varieties in the average home garden. They can be grown just as easily and in the same way as any of the old standard varieties, and yet give the average family a plentiful supply of strawberries thruout the summer and fall, and as late as November. To secure the late berries the plants should be disbudded until about July 15, and then allowed to bloom.

Progressive This is the strongest growing plant of all the full Everbearing strawberries. The plants are large and heavily rooted, and bear a phenomenal crop of medium to large fruit of a dark red color, inside and out, and the young plants are produced in good quantities. By Parcel Post: **Prepaid: 50c per doz.; \$3.00 per 100.** By express at purchaser's expense: **40c per doz.; \$2.75 per 100.**

Superb This variety is one of the newer types of the Everbearing family. It is a splendid berry, equal to the Progressive in hardness, size and bearing qualities. The fruit is bright scarlet, large size, and of splendid flavor, equaling, if not surpassing, some of the June Fruiting varieties. **Postpaid: 50c per doz.; \$3.00 per 100.** By express at purchaser's expense: **40c per doz.; \$2.75 per 100.**

RED RASPBERRIES

Marlboro The best early red raspberry for our climate. The fruit is fine and flavor exquisite. The canes are very hardy and productive. By Parcel Post: **Prepaid: \$1.25 per doz.; \$8.00 per 100.** By express at purchaser's expense: **\$1.00 per doz.; \$7.00 per 100.**

Cuthbert Large, crimson fruit, very firm, and of excellent quality; very hardy and productive. By Parcel Post: **Prepaid: \$1.25 per doz.; \$8.00 per 100.** By express at purchaser's expense: **\$1.00 per doz.; \$7.00 per 100.**

King A new variety; very large and firm. Fruit of good quality. Hardy and productive. It is early and bears a long time. By Parcel Post: **Prepaid: \$1.25 per doz.; \$8.00 per 100.** By express at purchaser's expense: **\$1.00 per doz.; \$7.00 per 100.**

BLACK RASPBERRIES

The Gregg This berry is of large size, fine quality, and good bearer; is very hardy, and should be in every garden. By Parcel Post: **Prepaid: \$1.50 per doz.; \$12.00 per 100.** By express at purchaser's expense: **\$1.25 per doz.; \$10.00 per 100.**

The Kansas The best of all black caps. The berries are as large, or larger, than the Gregg. Jet black, firm, handsome, and of the best quality; very productive. By Parcel Post: **Prepaid: \$1.50 per doz.; \$12.00 per 100.** By express at purchaser's expense: **\$1.25 per doz.; \$10.00 per 100.**

BLACKBERRIES

Rathburn A strong, erect grower; very hardy. The fruit, which is coreless, is of high flavor, sweet, and firm enough to ship and handle well. By Parcel Post: **Prepaid: 30c each; \$2.00 per doz.** By express at purchaser's expense: **25c each; \$1.75 per doz.**

Snyder Extremely hardy; the stems grow nearly straight. Is very productive, without the hard, sour core. By Parcel Post: **Prepaid: 30c each; \$2.00 per doz.** By express at purchaser's expense: **25c each; \$1.75 per doz.**

RED CURRANTS

Red Cherry A very large, deep red fruit, in short bunches, sub-acid; very productive, hardy and vigorous. By Parcel Post: **Prepaid: 50c each; \$5.00 per doz.** By express at purchaser's expense: **40c each; \$4.00 per doz.**

La Versailles Very large, long bunches of great beauty and excellent quality; of a bright red color, and very productive. By Parcel Post: **Prepaid: 50c each; \$5.00 per doz.** By express at purchaser's expense: **40c each; \$4.00 per doz.**

GOOSEBERRIES

Downing This is considered the most valuable of the American sorts. The fruit is light green, smooth skin, juicy and of fine flavor. By Parcel Post: **Prepaid: 50c each; \$5.00 per doz.** By express at purchaser's expense: **40c each; \$4.00 per dozen.**

Houghton A very vigorous variety of American origin, of pale red color, fine flavor, fruit of medium size; very prolific, tender and good. By Parcel Post: **Prepaid: 50c each; \$5.00 per doz.** By express at purchaser's expense: **40c each; \$4.00 per doz.**

GRAPES

Concord (Black) One of the best varieties for this section. Extremely hardy and very productive. By Parcel Post: **Prepaid: 50c each; \$5.00 per doz.** By express at purchaser's expense: **40c each; \$4.00 per doz.**

Niagara (White) One of the heaviest yielding of the white varieties. By Parcel Post: **Prepaid: 50c each; per doz. \$5.00.** By express at purchaser's expense: **40c each; \$4.00 per doz.**

Brighton (Red) A hardy vigorous sort—heavy producer. By Parcel Post: **Prepaid: 50c each; \$5.00 per doz.** By express at purchaser's expense: **40c each; \$4.00 per doz.**

LIST OF FLOWER SEEDS

To Our Flower Seed and Bulb Patrons:

In presenting our list of Flower Seeds, Bulbs and Plants for 1920 we thank you for the liberal and valued orders received. And from the many testimonials at hand we have reason to believe that results have been satisfactory.

You will find this list to contain all varieties of real merit. Many times varieties are listed which are of little value in the garden or are so difficult to grow that unless one has every facility for propagating the seed disappointment is sure to follow. We want our seeds to give satisfaction so you will find each variety listed will grow to perfection in our altitude. Cultural instructions will be found on most of our seed packets.

ANNUALS are those flowers which bloom and ripen their seeds the first year. Among these are Asters, Morning Glory, Mignonette, Sweet Peas, Nasturtiums and many other brilliant and fragrant sorts.

BIENNIALS from seed generally bloom the second year and then die, such as Canterbury Bell, etc.

PERENNIALS are those that endure our winters with little or no protection and live and bloom several years in succession. A large majority of the perennials will bloom the first year if started early in the spring. Columbines, Fox Glove, Hollyhocks, Larkspurs, Poppies, etc., are in this popular class.

HOW TO SOW FLOWER SEED

The soil best adapted to the growth of Flowers is a rich loam, dug deeply, and enriched with well rotted manure. The surface should be well raked free from lumps, and made as light and smooth as possible. Sow the seed broadcast or in rows, and cover according to their size. (A good general rule is to cover the seed two or three times their diameter) and press down firmly. Remember—that Petunias, Coleus, Nicotiana, etc., would be best sown on the surface and pressed in the soil, then protect them from the hot sun and wind by covering with a strip of cheese cloth or muslin, so they will have a chance to come up. Water with a fine spray, but do not saturate or allow them to dry out.

Any order with which you may favor us shall have our best attention. We would suggest that all seed orders be sent by Parcel Post, and where possible the plants and bulbs be sent by express, as they are apt to be delayed and damaged by Parcel Post.

Thanking you for your liberal orders in the past, soliciting a continuance of the same, and wishing you the compliments of the season, together with a prosperous and pleasant year, we beg to remain,

Yours for Success,
THE BURTON SEED COMPANY.

Abronia Umbellata Annual. A handsome trailing plant with clusters of sweet scented, rosy lilac flowers, with pink eyes. Fine for baskets or vases. Sow as soon as the weather is settled and warm. Pkt., 5c.

Acroclinium Annual. A pretty everlasting flower growing about 18 inches high, bearing white and rosy pink flowers, which, when cut in the bud state, can be dried and used as winter bouquets. Sow the seed as soon as the frost is out of the ground. Pkt., 5c.

Adonis Flos "Pheasant's Eye." Annual. A very pretty plant, with fine, feathery foliage, and bright scarlet flowers. Grows well in shade or under trees. Sow when frost is out of the ground. Pkt., 5c.

Ageratum Mexicanum Annual. One of the best bedding plants, producing a mass of blooms from early summer until late fall. Sow in boxes in the house,

or in the open ground in May, and transplant to eight inches apart—"Blue." Pkt., 5c.

"Tom Thumb." Annual. A dwarf form of Ageratum (Blue) much used in ribbon or border planting; it grows about six inches high and is a mass of blue flowers all summer. Pkt., 10c.

Agrostemma "CORONARIA," "CROWN OF THE FIELD." Perennial. An attractive plant with rich crimson flowers, silvery white foliage. Blooms the first season. Fine for cutting. Sow the seed as soon as frost is out of the ground. Pkt., 5c.

Agrostemma "ROSE OF HEAVEN," "CO-ELI ROSA." Annual. A very free flowering variety of Agrostemma, bearing pretty pink flowers in great profusion. Sow in May. Pkt., 5c.

Alonsoa "MYRTIFOLIA." Hardy Annual. A very attractive plant, bearing brilliant scarlet flowers from July until cut down by frost. If repotted and removed to the house they will bloom well all winter. Sow in May. Pkt., 5c.

Alyssum Sweet, "LITTLE GEM." Annual. "Pure White." A very dwarf variety of this old favorite; only four inches high; compact and very free bloomer. An ideal border plant. Pkt., 10c.

"MARITIMA." An old favorite. Annual. Always wanted when a bouquet is to be made very fragrant, bearing snow white flowers from early summer until frost. Sow in May. Pkt., 5c.

Antirrhinum "SNAPDRAGON." Very effective bedding displays are made with these bright colored half-hardy perennials, but as they bloom the first year from seed are generally grown as annuals. Sow as soon as frost is over in May. Pkt., 5c.

"MAJUS," TALL. Very fancy tall variety. Finest mixture of colors. Pkt., 5c.

"MEDIA." Extra fancy, half-dwarf, in finest mixture of colors. Pkt., 5c.

SEPARATE COLORS—

- "PURE WHITE." Pkt., 5c.
- "SULPHUR YELLOW." Pkt., 5c.
- "CORAL RED." Pkt., 5c.
- "DARK PURPLE." Pkt., 5c.
- "ROSE." Pkt., 5c.
- "BRIGHT SCARLET." Pkt., 5c.
- "CARMINE ROSE." Pkt., 5c.
- "CRESCIA." Pkt., 5c.



Sweet Alyssum

African Golden Daisy "DIMORPHO-TECA." Annual.

An extremely showy plant, twelve to fifteen inches high; yellow flowers; very profuse in flowering. Should be planted in a sunny situation; a great favorite wherever it is planted. Pkt., 10c.

Amaranthus "CAUDATUS." "Love Lies Bleeding." Annual. A very effective plant for the border, with its blood red drooping flowers, and fine foliage make it very attractive. Sow in a sunny position, where the plants are to stand, when all danger of frost is past. Pkt., 5c.

"TRI-COLOR." "JOSEPH'S COAT." Annual. A very useful foliage plant. Its showy red, yellow and green makes it very attractive as a border plant. Sow as early as frost is past. Pkt., 5c.

Ammobium "EVERLASTING." Annual. This is a small strawflower, double white; much used for cutting and drying for winter decorations; it is the flower from which "Immortelles" are made from; blooms from July to frost. Sow in May. Pkt., 5c.

Ampelopsis "VIRGINIA CREEPER." Perennial. Luxuriant in growth, handsome foliage, which turns crimson in the fall. Fine for covering porches, fences, old trees or walls. Sow early in spring. Pkt., 5c.

"BOSTON IVY." Hardy Perennial. Fine climber, with olive green leaves. The tendrils cling firmly to rock, brick or wood. Sow early in spring. Pkt., 5c.

Armeria "ROSEA." Hardy Perennial. A very pretty edging plant, about six inches high, bearing rosy pink flowers. Sow early in May. Pkt., 5c.

Arctotus "BLUE EYED AFRICAN DAISY." Annual. Few flowers grown in the garden are more valuable for cutting than the Arctotus. It can be sown in May; is up in five days. Sow in a sunny position; it blooms from early July until frost; blue; two to three feet high. Pkt., 5c.

Asperula "SETOSA." Annual. A pretty light blue sweet scented flower; fine for borders, planting in shady places, or under trees, and is continuously in bloom. Pkt., 5c.



Giant Comet Aster

Asters of the richest colors and large size. Pkt., 10c.

"AMERICAN BRANCHING." A fine strain of American origin, well adapted to our climate; long stems, large flowers, of richest shades of color. Pkt., 5c.

"PEONY FLOWERED." A favorite strain of Aster, bearing blooms of peony shape, of the richest colors, of good size and substance. Pkt., 5c.

"CHRYSANTHEMUM FLOWERED." Tall. An Aster of good size and substance; double; all the best shades; mixed. Pkt., 5c.

"CHRYSANTHEMUM FLOWERED." Dwarf. A dwarf variety of the above Aster. Similar in all respects, only it does not grow so tall. Pkt., 5c.

"GIANT COMET." These splendid chrysanthemum shaped flowers are very beautiful and val-

uable for cut flowers. Their delicate shadings of color, large feathery flowers, and splendid form, make them one of the desirable Asters. Pkt., 10c.

"OSTRICH FEATHER." This splendid Aster of the Comet type is an extra large flowering variety of the richest colors and form, on long stems; very desirable as a cut flower. Pkt., 10c.

"GITANA." A comparatively new and beautiful Aster of finest form and range of color. This Aster is well worthy of trial. Pkt., 10c.

"FINEST MIXTURE." This mixture is not the ordinary type, but is composed of all the best varieties and choicest shades of color. Pkt., 5c.

Aquilegia (See Columbine.)

Bachelor's Button

"CORN FLOWER." Annual. This old favorite is also known as "Blue Bottle," "Ragged Sailor" and "Bluet." They are so well known that a detailed description is unnecessary. Suffice it to say that a bunch of the blue variety, in combination of Calendula, Marigold or California Poppy, make a bouquet hard to beat. Sow when all danger of frost is past. Pkt., 5c.



Bachelor's button

Bartonia

"AUREA." Annual. This is one of the hardest of the annuals, of easy growth; thrives anywhere; blooms continuously thru the summer. The flowers are large, 2 1/2 inches across, of a bright metallic yellow. Sow the latter part of April. Pkt., 5c.

Balsam "LADY SLIPPER." Annual. Mixed colors. This old favorite in many gardens is a very pretty plant, with large wax-like flowers resembling the Camellia, and if well grown in rich soil will produce blooms two inches across. Sow the seed in boxes and transplant to border when the weather is warm and settled. Pkt., 5c.

Balsam "APPLE AND PEAR." See Momordica.

Brachycome "THE SWAN RIVER DAISY." Annual. Free flowering; dwarf growing; covered during the greater part of the summer with pretty blue or white flowers. Suitable for edgings, small beds or pot culture; 9 inches. Sow the seed in May and transplant to permanent bed when large enough. Pkt., 5c.

Browallia "AMETHYST FLOWER." Annual. A favorite bedding plant covered with rich, intense blue-winged flowers during summer and autumn; free growers, and will bloom freely in the house if lifted in the autumn and cut back. Pkt., 5c.

Cacalia "FLORA'S PAINT BRUSH." Annual. A very pretty, neat plant of easy culture, with tassel-shaped flowers; blooms from June to September. Fine for borders. Golden Yellow and Scarlet mixed; 1 1/2 feet high. Sow the seed early in May. Pkt., 5c.

Campanula "CANTERBURY BELLS." Hardy Perennial. Well known, beautiful and popular on account of its attractive bell-shaped flowers of all the finest colors, both single and double; suitable for bedding or for borders. Sow the seed in well protected seed bed early in May and cover for a few nights, when the plants begin to grow.

"CAMPANULA." Single "Media." Finest colors in mixture. Pkt., 5c.

"CAMPANULA." Double "Media." The finest assortment of colors are found in this mixture, and the pretty cup and saucer form of the bloom is very popular. Pkt., 10c.

Canary Bird Flower Annual Climber. The charming little canary colored blossoms, bearing a fancied resemblance to a bird with its wings expanded, and the delicate foliage makes it a favorite climber for the trellis or porch. Sow the seed in open ground in May. Pkt., 5c.

Candytuft "IBERIS." Annual. Are considered indispensable for cutting. They are at their best when grown in masses.

The colors are mixed. They are hardy and easy to grow. Sow in April and they will bloom in June.

"EMPRESS." Annual. A giant pure white, with immense trusses; very attractive. Pkt., 5c.

"TALL MIXED." very fine mixture or all the best colors of the tall varieties. Pkt., 5c.

"DWARF OR TOM THUMB." A very pretty dwarf variety of all the finest colors. Pkt., 5c.

Calendula "SCOTCH MARI-GOLD." Annual. An old fashioned, ever popular yellow flower—and the showiest flowering plant in the garden; blooms from June until cut down by frost. Sow in the latter part of April. Pkt., 5c.

Canna "INDIAN SHOT." Perennial. A fine, showy bedding plant, with rich ornamental foliage and brilliant flowers, used for a subtropical effect. The seed needs soaking in warm water until they show signs of swelling, then plant in sandy loam; when in second leaf transplant into pots separately, and put out in the garden when all danger of frost is past. Lift the roots on the approach of winter and store same as dahlias. Pkt., 5c.



Candytuft

sowing. The strain we offer is of extra quality, producing blooms of finest shades and form on long stems. Protect them in winter. Pkt., 10c.

"GRENADIN." Mixed colors. Richest colors, scarlet and white predominate in this flower. Needs protection in winter. Pkt., 15c.

Cockscomb "CELOSIA." Annual. Free blooming plants, which prefer a light, loamy soil, not too rich. Seed can be sown in the house and planted out in May, or sow the seed in the open in May.

"CRISTATA." "Tall Annual." A very ornamental plant, with curious flowers resembling a cock's comb. Very suitable for the flower border. Pkt., 5c.

"DWARF." Mixed colors. A dwarf variety of the above. The flowers are very rich in form and color. Pkt., 5c.

Calliopsis Annual. Showy and free flowering; of the easiest culture; orange and brown; blooms all summer; excellent for cutting and massing. It is best to sow them where they are to stand and thin them out to about 10 inches apart. Keeping the flowers cut close will prolong the season until late autumn.

"TINCTORIA." A showy variety, the flower being large, of bright yellow and maroon, about equally divided. Pkt., 5c.



Coreopsis

Coreopsis "LANCEOLATA GRANDIFLORA." Perennial. One of the finest, if not the finest, of the hardy plants, bearing its large, snowy, bright yellow flowers from June until frost. As a cut flower they stand at the head of the hardy plants, having long stems, and stay in good condition for a week or more. Sow the seed early in May. Pkt., 5c.

Cineraria "MARITIMA - CANDIDISSIMA." "Dusty Miller." Half hardy perennial. Fine for ribbon beds, bedding and margins, 2 feet, but can be cut back and kept down by the shears. Sow when all danger of frost is over. Perhaps it would be better treated as an annual. Pkt., 5c.

Cardiospermum "HALICACABUM." "Balloon Vine." "Love in a Puff." Annual. A very pretty half hardy climber with white flowers. The seed pods look like miniature balloons, and are of great interest to children. Sow the seed in May. Pkt., 5c.

Clarkia "PULCHELLA." Annual. This pretty and easy grown plant has been very much improved in recent years. They do well in either shade or sun; mixed colors. Sow the seed in May. Pkt., 5c.

Cobea "SCANDENS." Annual Climber. This splendid climber is of rapid growth, with fine foliage and large blue bell-shaped flowers. Sow the seed in May in a warm, sunny position. Pkt., 5c.

Collinsia "Mixed Colors." "Hardy Annual." A free flowering plant; all the species are highly colored and are excellent for growing in patches or clumps. If sown in autumn they will stand the winter and bloom early in the spring. Pkt., 5c.



Carnation Marguerite

Carnation Carnations are sought after for their fragrance and richness of color. The Marguerite is the best for our climate, as it stands our winters without much protection.

"MARGUERITE." Perennial. Undoubtedly the most popular and best for the amateur, as they begin flowering very quickly from the time of



Crysanthemum, Double Annual

Chrysanthemum Annual varieties.

Showy and effective garden favorites, largely grown for cut flowers. They are quite hardy and quite distinct from the perennial varieties.

“CARINATUM.” “Single Mixed.” Annual. Of quick growth, free flowering, and the finely cut foliage makes it very ornamental. Sow early in May. Pkt., 5c.

“CORONARIUM.” “Double Mixed.” Annual. Very free flowering; of compact growth, 18 inches in height. The flowers are quite double, shading from white to orange. Sow early in May. Pkt., 5c.

PERENNIAL VARIETIES—

“FRUTESCENS.” “Paris Daisy or Marguerite.” White. An old and popular favorite, well known in old fashioned gardens. Is used for baskets or porch boxes, where its star-like blooms are much admired; grown in almost any soil. Sow as early as weather will permit.

Pkt., 5c.

“M A X I M U M .”

“A l a s k a D a i s y .”

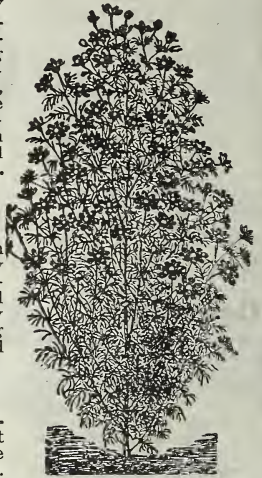
White. Splendid hardy perennial variety, with flowers of rarely less than five inches across, borne on long stems; a beautiful cut flower, remaining in good condition a week or more. Pkt., 10c.



Shasta Daisy

“HYBRIDUM.” “Shasta Daisy.” White. This is a mixture of extra choice hybrids and certain to produce a large number of plants of superior merit. Pkt., 10c.

Cosmos “Extra early large Flowering.” Annual. This popular and free flowering plant will please everybody. The colors are white, pink and crimson. The flower is large and the foliage pretty. Plants grown from seed sown in April will bloom in July. Pkt., 5c.



Cosmos

Cyclamen

“PERSICUM.” Perennial. These splendid plants with their rich foliage and waxy flowers are universally admired for winter and spring blooming. Seed may be sown any time during spring or autumn; mixed colors. Pkt., 15c.

Castor Oil Bean

“RICINUS.” “ZANZIBARIENSIS.” Annual. A distinct class which surpass in size and beauty all varieties. The plants attain great dimensions, presenting a splendid aspect with their gigantic and variegated leaves. Pkt., 5c.

Centaurea “SWEET SULTAN.” Annual.

“IMPERIALIS.” This is the finest of all the Sultans. The beautiful sweet scented flowers are borne on long stems, and when cut will stand for several days in good condition. Fine mixed colors. Pkt., 5c.

“MOSCHATUS.” Annual. Mixed colors. A splendid old favorite; its large flower and fragrance makes it very desirable as a cut flower. Pkt., 5c.

“MARGUERITE.” Annual. A very fragrant large flowering variety, bearing large, pure white flowers. A very useful plant for cutting. Pkt., 5c.



Cypress Vine

Cypress Vine “IMPOMEA QUAMOCLIT.”

Annual Climber. One of the most popular vines, with very fern-like foliage and masses of beautiful small star-shaped flowers. Sow in May, after soaking the seeds in warm water for a few hours. Pkt., 5c.

Cardinal Climber “QUAMOCLIT HYBRIDA.”

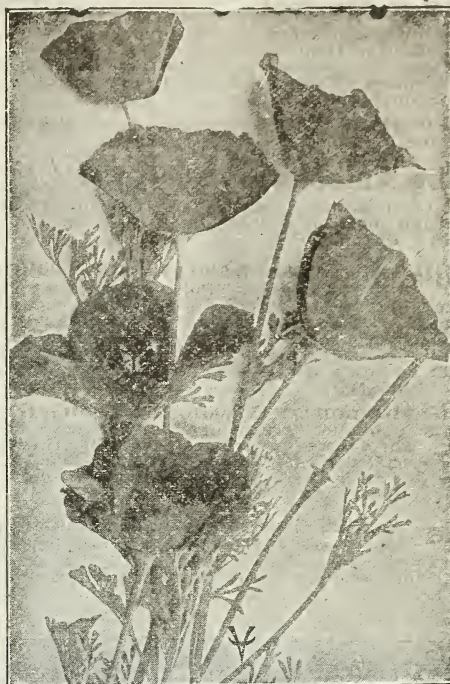
Annual. The best annual climber introduced in many years; has beautiful fern-like foliage and brilliant Cardinal Red flowers; plant in rich soil in a sunny situation and it will give a good account of itself. Pkt., 10c.

Coleus "FLAME NETTLE." Annual. The seed we offer of this beautiful border plant is the very best, and for color or form is perfect. They make very useful plants for bordering. Sow the seed in shallow boxes in the house early in May and they will be ready to plant out in June Pkt., 10c.

Columbine "AQUILEGIA COERULEA." Blue and white flowers. No hardy plant grown from seed is more easily handled than the Columbine. Sow the seed in the early spring and it will in most cases bloom the same season, or sown in August or September, and they will come up early in the spring and make strong plants, which will bloom during spring and early summer.

"COERULEA," "Rocky Mountain." This is Colorado's emblematic flower. Its beautiful blue and white flowers are so well known that a detailed description is unnecessary. Pkt., 10c.

Convallaria "LILY OF THE VALLEY." This beautiful, fragrant and modest little white flower is always a favorite. They can easily be grown from seed, and when large enough transplant to a richly prepared bed of light loamy soil. It will need little protection during winter. Sow the seed in the house early in March or April. Pkt., 10c.



Eschscholtzia (California Poppy)

Eschscholtzia "CALIFORNIA POPPY," "GOLD CUP." Annual. Splendid shades of yellow. This is an old favorite for beds, edgings, or masses. Free flowering with finely cut glaucous foliage; blooms until frost. Sow the seed where the plants are to stand; 12 inches high. Pkt., 5c.

Four O'Clock "MARVEL OF PERU." Half hardy annual. This well known plant is of the easiest culture. It is a handsome free flowering plant; does well everywhere. Sow the seed early in May and give each plant 12 to 18 inches space; 2 feet. Pkt., 5c.

Digitalis "FOX GLOVE." Hardy perennial of easy growth, succeeding under almost all conditions; flowers abundantly during June or July; does best in half shady places. Sow the seed in early spring. Pkt., 5c.

Daisy "BELLIS PERENNIS," or "ENGLISH DAISY." Perennial. This old favorite will stand the winter if given the protection of a little litter. They are easily raised from seed, which may be sown from spring to August.

GIANT ROSE. Rosy red color. Each plant bears but few flowers, but they are of large size and substance. Pkt., 10c.

GIANT WHITE. Same as above in all respects, only the flowers are pure white. Pkt., 10c.

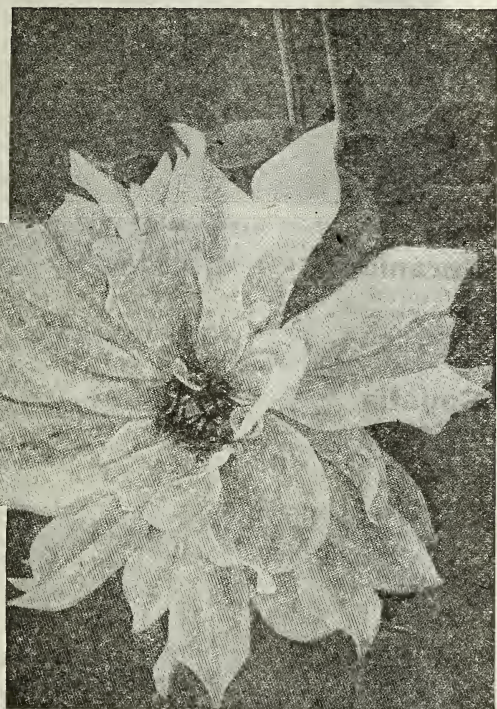
FINEST DOUBLE MIXED. An extra fine mixture, containing all the shades of color. Pkt., 10c.

Dianthus See Pinks.

HAD A BEAUTIFUL GARDEN

We have had a fine garden the past season. We still have plenty of Tomatoes, Pumpkins, Squash and other varieties on hand, but we have no seed for sale. I had the most beautiful flower garden in this locality. Truly, your seeds can't be beat.

MRS. M. A. COPELAND, Hester, Okla.



Dahlia, New Peony Flower

Dahlia This is one of the best summer and autumn flowering plants. The double sorts will bloom the first season if the seed is sown before the beginning of April, and the single ones will bloom if the seed is sown before the end of May, but an earlier start is better. They come in finest mixed colors.

SUPERB SINGLE VARIETIES. Finest mixed. Pkt., 10c.

LARGE DOUBLE FLOWERING. Saved from fine double show sorts. Pkt., 10c.

For descriptive list of Dahlia Roots see pages 92 to 98.

F. A. Hall, Canon City, Colo.—All seeds I got from you proved satisfactory. I had the best crop I have had for years.

Forget-Me-Not "MYOSOTIS." Perennial. Very pretty and effective when sown in masses, and few spring flowers are more admired than the lovely Forget-Me-Not. The seed may be sown at any time from spring until mid-summer. They are hardy if given slight protection during the winter.

"ALPESTRIS." Finest mixture of all shades. Pkt., 10c.

Globe Amaranth "GOMPHRENA." Annual. Everlasting. A first-rate plant for bedding; mixed colors; the flower can be dried and used as winter bouquets. Sow the seed in May. Pkt., 5c.

Gaillardia "BLANKET FLOWER," "PICTA." Annual. Splendid showy plants, remarkable for brilliancy of their blooms, which are rich crimson and orange, and are borne continuously from early summer until November; excellent for beds, borders or for cutting. They should be sown where they are to bloom early in May. Pkt., 5c.

"GRANDIFLORA." Superb Mixed. Hardy perennial. Splendid variety of this attractive border plant. Thrives in any position or soil; they take care of themselves if sown early in spring; they begin to flower early in July, continuing until cut down by frost. Pkt., 5c.

Gilia Annual. This pretty, hardy plant blooms freely and continuously the whole season. The varied colors, blue, yellow and white, are very useful for bouquets. Sow the seed early in May. Pkt., 5c.



Geranium

Geranium "ZONALE." Mixed colors. Perennial. A splendid strain of the best varieties. They are easily raised from seed, which should be sown in the house and transplanted in May or June to the open. Being tender perennials they should be lifted in the fall, potted and taken into the house to bloom. Pkt., 10c.

Godetia Hardy annuals. These showy and effective plants deserve more attention from the amateur than they get at present. Their waxy flowers of rich and varied colors can be grown to perfection in any garden. They prefer a rather poor soil. Sow in May. Pkt., 5c.

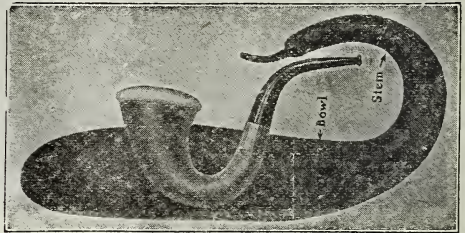


Forget-Me-Not

Gypsophila Pretty free flowering, elegant plants, growing well in any garden soil. Their misty panicles of bloom are largely used in making up bouquets of other cut flowers. There are both annual and perennial varieties.

"ELEGANS ALBA." Annual. Also known as "Angel's Breath." This is an improved variety of the Elegans type, of pure white flowers. Sow as early in the spring as possible, and make successive sowings during the season to keep up a supply. Pkt., 5c.

"PANICULATA." Perennial. This is the old favorite, "Baby's Breath," which, when once established, can be kept for years by division of roots; its misty, white flowers are almost a necessity in making up some bouquets. If the seed is sown in May it will bloom the first season; give it a little protection during winter. Pkt., 5c.



Calabash Gourd

Gourds Annual Climbers. Rapid growing, interesting climbing plants, with ornamental foliage and fruit; 10 to 20 feet high. Sow the seed in May, when the ground is warm.

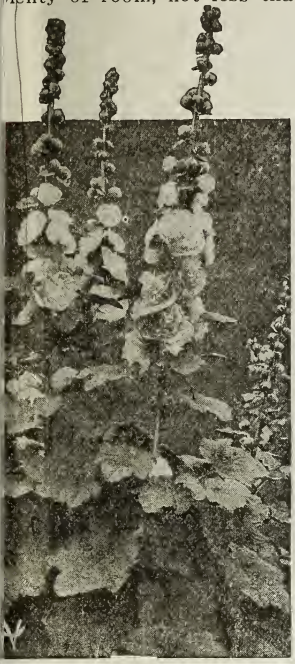
"LUFFA," "DISH RAG," "SPONGE," or "BONNET" gourd. Pkt., 10c.

"CALABASH." African Pipe gourd. The stem ends of the fruit are used in making pipes. Pkt., 10c.

"MIXTURE" of large, fancy ornamental gourds. Pkt., 5c.

"MIXTURE" of small, fancy ornamental gourds. Pkt., 5c.

Helichrysum "EVERLASTING," also called "STRAW FLOWER." Annual. One of the best of these useful flowers. The double flowers are very effective; they make a fine display in bed or border of rich garden soil; give them plenty of room, not less than 12 inches apart; the colors range from a pure white to red, yellow and violet; 2½ feet. Pkt., 5c.



Hollyhock (Double)

Hollyhock

"PERENNIAL." Double finest mixed. No better plant can be found for back grounds or line fences, as they give an effect which cannot be obtained by any other plant. Sow any time before mid-summer, and they will produce fine plants for flowering next year. Pkt., 10c.

"SINGLE FINEST MIXTURE." Saved from show flowers. Pkt., 10c.

"PURE WHITE" DOUBLE. Pkt., 10c.
"GARNET RED" DOUBLE. Pkt., 10c.

"NEURON ROSE" DOUBLE. Pkt., 10c.

"FRINGED ROSE" DOUBLE. Pkt., 10c.

Honeysuckle "HEDYSARUM." "French" Hardy "Biennial." A very handsome free flowering plant bearing fragrant flowers. Well adapted to the border or rock-work; yellow. Sow the seed in a warm border in rich soil and transplant to place where they are to remain. Pkt., 5c.

Humulus "JAPANESE HOP." Annual. A very fast growing climbing plant. The foliage is very dense, and resembles the common hop, and the color is a lively green. Sow the seed where the plant is to grow in May. Pkt., 5c.

Heliotrope "CHERRY PIE." Half hardy Perennial. Flowers during the whole season. Mixed colors. Delightfully fragrant; is a splendid bedding plant. Seed started indoors will make fine plants for summer blooming. If sown in May the plants will flower within house all winter. Pkt., 10c.

Helianthus "SUNFLOWER." Annual. The fancy varieties of this stately old favorite are remarkable for the size, color and brilliancy of their colors. They are very attractive as a background or in the shrubbery. Sow the seed where they are to remain, not less than twelve inches apart, and keep them clear of weeds:

"GLOBOSUS FISTULOSUS." A splendid double Sunflower; is an addition to any garden, and is very attractive with its bright yellow dahlia-like flowers. Pkt., 5c.

"CALIFORNICA." Rich golden yellow flowers, perfectly double, resembling a chrysanthemum. A very handsome flower. Pkt., 5c.

"NEW RED." Blooms the first season from seed. Is a very handsome flower, well formed, with dark center; the petals are bright yellow at the tips, shaded toward the center with rich chestnut red, resembling a large Calliopsis. Pkt., 10c.

"MAMMOTH RUSSIAN." This variety is grown on a large scale for feeding purposes. (See Page 105.) It is also grown around the fences of our city lots, as its immense flowers produce large quantities of seed valuable for poultry food; grows to 6 feet. Pkt., 5c.

Hyacinth Bean "DOLICHOS LABLAD." Annual Climber. Mixed colors. A rapid growing vine, flowering freely in erect racemes, followed by ornamental seed pods. Very desirable for covering arbors, trellises, old stumps of trees, etc. Sow the seed in May where they are to remain. Pkt., 5c.

Ice Plant "MESEMBRYANTHEMUM CHRYS-TALLUM." Annual. Mixed. These dwarf trailing plants, with their little star-like flowers and singular icy foliage, are great favorites for hanging baskets and vases. Sow the seed early indoors and transplant in May. Pkt., 5c.

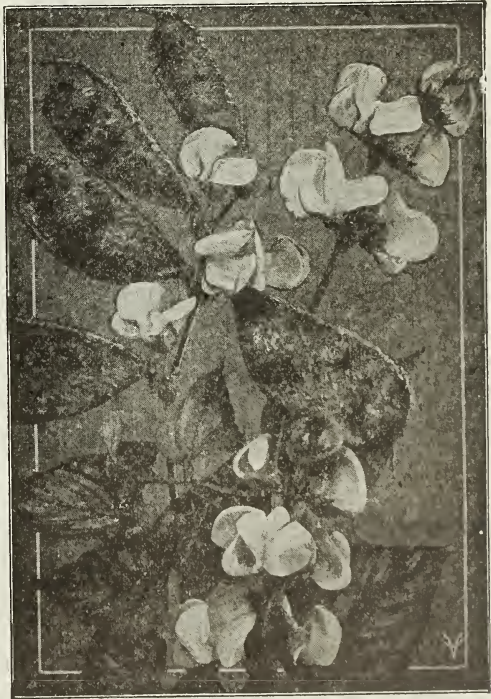
Job's Tears "COIX LACHRYMA." Annual. A curious ornamental grass with broad, corn-like leaves, and hard, shiny, pearly seeds, which are much used for fancy work. Sow the seed very early—as soon as the frost is out of the ground. Pkt., 5c.

Larkspur This is one of the best known of garden flowers. They are divided into two types—annual and perennial. They have been brought up to a high state of improvement in the last few years. Seeds sown in the open before the close of April will flower about July and keep on until frost.

"BRANCHING, ANNUAL." Splendid hardy variety, very free flowering, and attractive with its blue, pink and white blooms and finely cut foliage. Pkt., 5c.

"DWARF ROCKET." Mixed colors. A very pretty hardy annual variety bearing double flowers on long, slender stems. Pkt., 5c.

"DELPHINUM FORMOSUM," hardy perennial Larkspur. A splendid variety of the Larkspur family, bearing beautiful spikes of rich, blue flowers, with white center and delicate cut foliage—2½ feet. Pkt., 10c.



Hyacinth Bean

Lantana "HYBRIDA" (Half Hardy Perennial). This desirable bedding plant, with its verbena-like flowers in white, orange, rose and other colors, continually in bloom, makes a handsome show. Sow the seed in the house early in spring and transplant outdoors when the weather is settled. Pkt., 10c.

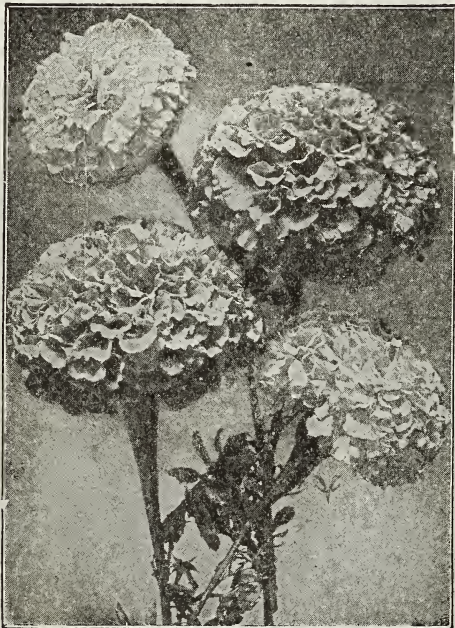
Linum "SCARLET FLAX." Annual. A most effective plant for the garden; its long duration, fine foliage, delicate stems and brilliant scarlet flowers are much sought for the home garden. Sow the seed indoors the latter part of April or beginning of May; transplant to their borders. Pkt., 5c.

Lobelia Annual. This splendid plant for the border or massed beds, in combination with light foliage plants, are very beautiful and easy of culture.

"CRYSTAL PALACE COMPACTA." The best for bedding, with its rich, dark blue flowers and dark foliage. Pkt., 10c.

Maurandia "BARCLAYANA." Half-Hardy Perennial. Elegant climber, flowering the first season if sown early in the house and transplanted to a warm border in the garden. If lifted on the approach of frost and taken into the house it will bloom all winter. Colors mixed—purple, blue, white and rose. Pkt., 10c.

Matricaria "CAPENSIS FL. PL." "Double White Feverfew." Hardy perennial. A free flowering plant, producing double white flowers all the season. It is a fine potting or bedding plant. Sow the seed in open ground in May. Pkt., 5c.



Marigold

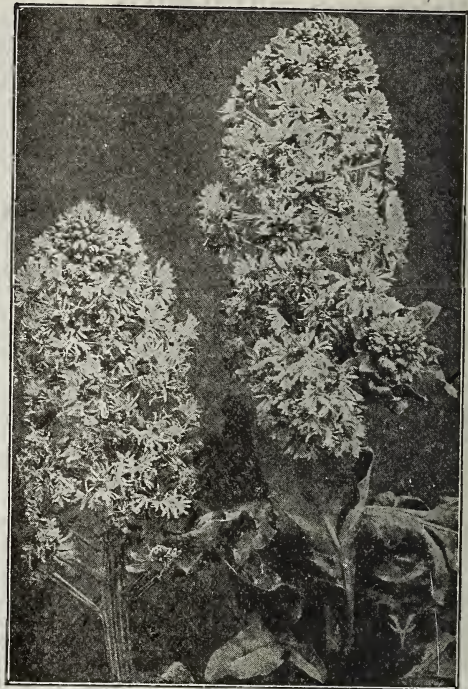
Marigold Annual. The African and French Marigolds are old favorites. The former have large yellow or orange colored flowers, and the latter are smaller in growth, with beautifully striped flowers. They do best in a light soil and plenty of sun. Sow the seed in the open ground in May. They grow very fast.

"LARGE TALL AFRICAN." Fine double flower of orange and lemon color; 2 to 3 feet. Pkt., 5c.

"DWARF AFRICAN." Similar in every respect to the tall variety, only smaller. Very suitable for border; 1½ to 2 feet. Pkt., 5c.

"TALL FRENCH." Very quick growing. The flowers of bright, striped colors, are produced by the hundreds, and continue so until frost; 2 to 2½ feet. Pkt., 5c.

"DWARF FRENCH." Similar in every respect to the tall variety, only that they are smaller; fine border plant; 1½ to 2 feet. Pkt., 5c.



Mignonette

Mignonette "RESEDA ODORATA." Annual. By its sweet, yet delicate, odor, the Mignonette has for many years endeared itself to the lover of flowers. Fragrant as the violet; constantly in bloom; the modest Mignonette is not only found in the green house of the millionaire, but in many a lowly garden and window boxes; easily grown; the seed sown early in spring will give blooms all summer.

"SWEET SCENTED, LARGE FLOWERING." Flowers large, of a reddish tint; very hardy, fragrant, and good variety for the open ground. Pkt., 5c.

"MACHET." Plant dwarf and vigorous, of good habit, producing large spikes of sweet scented flowers of yellow color. Fine for cutting. Pkt., 5c.

Mimulus The Mimulus or Monkey plant, so called from the resemblance of the corolla to a mask or face, are beautiful, tender plants; they are especially useful for vases, baskets and house culture, and do well planted out where they will be somewhat shaded. Hardy perennials.

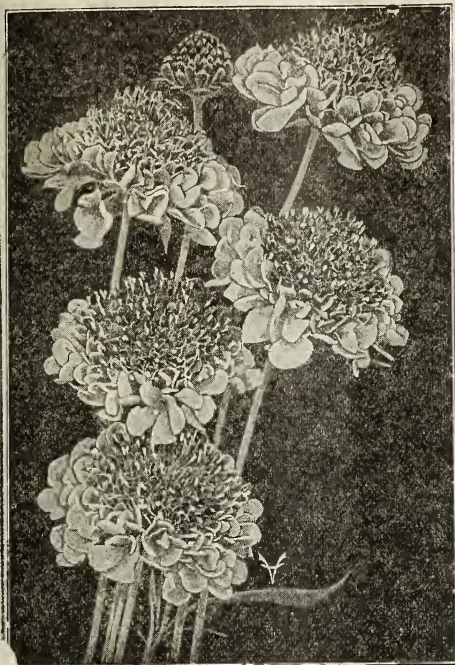
"MOSCHATUS." Fine for hanging baskets, pots, etc. Small yellow flowers. The foliage is a pretty shade of green, with a strong odor of musk. Pkt., 10c.

"TIGRINUS." Monkey Plant. Fine mixed colors in striped, spotted and blotched varieties. Very fine. If lifted in the fall they will flower in the house all winter. Pkt., 10c.

Moon Flower "IPOMEA MEXICANA ALBA." Hardy perennial. These beautiful white climbers grow very rapidly. The luxuriant foliage makes a splendid shade for porches. In Colorado and Northern states it is advisable to plant the seed in pots indoors in March and transplant them out when the weather gets warm. Pkt., 10c.

"RUBRA COERULEA." "HEAVENLY BLUE." This variety bears immense flowers of bright sky-blue. It is a beautiful vine. Pkt., 10c.

Mimosa Pudica "SENSITIVE PLANT." Annual. These are curious and interesting plants, with small pink flowers; the leaves and foot stalks droop and close at the slightest touch, or in cloudy, damp weather; 1½ feet. Sow the seed in early part of May. Pkt., 5c.



Mourning Bride

in the open ground in a sunny situation when the weather has become warm and settled. They soon cover a large area. The flowers are of gigantic size and the colorings beyond description. Pkt., 5c.

Nemophila Annual. A charming little plant, thriving well in moist, sandy places, but quite at home in the open garden. The pretty bell-shaped flowers, in shades of blue, and variously marked, are freely produced all summer. Sow in May. Pkt., 5c.

Nicotiana "AFFINIS." Annual. This is one of the best varieties grown. It attains the height of 3 feet, and at evening and early morning it is covered with deliciously scented large white flowers. Easily grown from seed sown early in May. Pkt., 5c.

"SANDERAE." Hybrids. Annual. A splendid type of this useful plant. The whole plant is ablaze from base to summit with flowers of a glowing rosy carmine color, making a charming effect. Pkt., 10c.

Nigella Annual. A very popular old fashioned free flowering plant, with finely cut foliage surrounding the curious looking blooms and seed pods. Easily grown from seed sown in May.

"DAMASCENA." "LOVE IN A MIST." Pretty blue flowers, on finely cut foliage. Pkt., 5c.

"HISPANICA." "DEVIL IN A BUSH." Very similar to the above in habit, bearing double flowers of good size. Pkt., 5c.

Nymphaea "WATER LILY." Yellow and white flowered. These beautiful aquatic plants are easy of propagation, and are quite an addition to the garden. Sow the seed in a shallow pan in sharp, sandy loam. Keep this moist. When the plants have two or more leaves carefully put them into pots, and when the warm weather arrives put them into an old tub for the season. As winter approaches drain off the water and remove the root to frost proof cellar or basement. Pkt., 10c.

Mourning Bride "SCABIOSA." Hardy annuals. The Scabiosa is an old favorite, and of late years has been greatly improved. The flowers are borne on long, wiry stems, in white, yellow, pink, crimson and maroon. They are very easy to grow, and last a long time. Pkt., 5c.

Momordica Annual. These very curious climbing vines, with very ornamental foliage, with golden yellow fruit, warted, and when ripe opens, showing the seed and its brilliant carmine interior. Fine for trellis, rockwork, stumps, etc. Sow the seed early in May in the place where they are to stand.

"BALSAMINA" (BALSAM APPLE.) Round, apple shaped fruit, with very fine, green foliage. This is the prettiest climber of the two. Pkt., 10c.

"CHARANTA" (BALSAM PEAR.) Pear shaped fruit, foliage heavier than the above. The fruit of this variety is used medicinally. Pkt., 10c.

Mexican Burning Bush

"SUMMER CYPRESS." Annual. An early grown plant, which, if sown thinly in spring, soon makes a cypress hedge of the most lively green and perfect symmetry. They are very attractive, and in the fall they turn to carmine and blood red; at the same time the ends of the shoots are thickly set with small, bright scarlet flowers, and produce a very striking effect. Sow the seed early in May. Pkt., 5c.

Morning Glory "CONVOLVULUS MAJOR." Annual Climbers. This old fashioned and popular climber is still a great favorite. Its free flowering, rapid growth and brilliant colors are unsurpassed. Soak the seed in milk warm water about an hour before sowing hastens germination. Sow the seed in May. Pkt., 5c.

"CONVOLVULUS MINOR." Dwarf variety. These do not climb. They are fine for borders. They run through a large range of colors, from pure white to deep purple. Sow the seed in May. Pkt., 5c.

"IMPERIAL JAPANESE OR EMPEROR MORNING GLORIES." This type is beyond doubt the best and handsomest of the "Morning Glory Family." They are of the easiest culture, and can be sown



Tall Morning Glory

Nasturtium "TROPOLEUM MAJOR." Annual Climber. For ease of culture, duration of bloom, brilliancy of coloring and general excellence, nothing excels the Nasturtium. All they require is good soil, good draining and a sunny position. Sow the seed in May when the frost is out of the ground.

"TALL MIXED." Very finest mixture. Pkt., 5c.

"CHAMELEON." Different richly colored flowers on the same plant. Pkt., 5c.

"KING THEODORE." Deep crimson, with dark foliage; very attractive. Pkt., 5c.

"THE PEARL." Creamy white. A very pretty contrast in making bouquet of these flowers. Pkt., 5c.

"BRIGHT ROSE." A lovely shade of Ruby Rose. Pkt., 5c.

"SPITFIRE." Brilliant orange vermillion. Pkt., 5c.

"DWARF VARIETIES." These are also known as **Tom Thumb.** They are very attractive for bedding or border, and grow very rapidly. Sow the seed when the ground is warm in May.

"FINEST DWARF MIXED." This is an extra fine mixture of Tom Thumb varieties. Pkt., 5c.

"BRILLIANT." Very bright, clear scarlet. Pkt., 5c.

"THE PEARL." A pretty shade of Nankin yellow, with shades of crimson in delicate shades on each petal. Pkt., 5c.

"KING THEODORE." Deep crimson maroon, with dark foliage. Pkt., 5c.

"ROSE." A very fine shade of deep rose or wine color. Pkt., 5c.

"QUEEN OF TOM THUMBS." Each plant grows to a rounded bush, each leaf veined or marbled with silvery white; rich crimson flowers. Pkt., 5c.

"TALL NASTURTUMS." In finest mixture. Pkt., 5c; oz., 20c; 1/4-lb., 60c.

"DWARF NASTURTUMS." In finest mixture. Pkt., 5c; oz., 20c; 1/4-lb., 30c; 1/2-lb., 60c.



Tall Nasturtium

Oxalis Hardy Annuals. "VALDIVIANA." A small, free flowering plant, with clover-like leaves, thickly starred with small pale yellow or creamy white flowers from June until frost. Sow the seed thinly in drills and transplant if necessary. They make a fine edging for flower beds. Pkt., 5c.

Passion Flower "PASSIFLORA COERULEA." Perennial Climber. This beautiful and graceful climber is easily raised from seed. They are rapid growers, cover a large space in a short time, and bear their exquisitely formed pale blue flowers freely through the summer and fall. Sow the seed as early as you can. When in leaf pot them in a good, rich, leafy loam (preferably in a flower box or tub), and move them where they are to stand. Move them into the cellar or house for the winter. Pkt., 10c.



Petunia

Petunias Annuals. For outdoor decoration few plants equal the Petunia. The ease of culture and earliness of flowering, which continues through the whole season, they only require good soil and sunny position. Sow the seed in a well prepared bed in May. Prepare the soil by rubbing it through a sieve until it is finely pulverized, then sow the seed on the surface and press it into the soil; cover with cheese cloth; do not let seed dry out. It is a well known fact that seed saved from the most carefully hybridized plants produce but a small percentage of double flowers, the balance being single of unusual fine quality. Don't throw away the weak plants, for they make the strongest plants and best blooms.

"HYBRIDA." Fine single mixed; contains large flowering varieties of all shades of color. Pkt., 5c.

"BRILLIANT." A beautiful compact growing variety, with flowers of a brilliant carmine red. Pkt., 5c.

"PURPLE." Very fine purple, with white veined center; very attractive. Pkt., 5c.

"GENERAL DODDS." A very handsome, large flowering dark purple flower. Pkt., 5c.

"COUNTESS OF ELLESMERE." An extremely pretty variety of rose color, with white throat. Pkt., 5c.

"STRIPED AND BLOTCHED." A very fine strain of this popular flower; fine for bedding; Pkt., 5c.

"CARMEN SYLVA." A fine large flowering sort; color purple, with white throat. Pkt., 5c.

"COMPACT." "INIMITABLE." Striped and blotched. Very compact growing, and a continuous bloomer. Pkt., 5c.

"ROSY MORN." "ERFORDIA." Splendid for border plant: its short carmine pink color with white throat makes it a dainty flower; very pretty. Pkt., 10c.

"LARGE FLOWERING." Finest mixed colors. Pkt., 10c.

"SUPERBISSIMA." Extra large fringed flowers in the richest colors. Pkt., 15c.

"DOUBLE." The best strains of Double Petunias, and will produce as good a percentage of double flowers as any stock on the market. Pkt., 15c.

Pea "LATHYRUS." Hardy Sweet Pea. Perennial. Showy, free flowering climbers for covering old stumps, fences, etc. Remain continuously in bloom; fine for cut flowers. Sow at any time from spring until August in the place where they will remain. The colors are white, lilac and pink.

"LATHYRUS LATIFOLIUS." Mixed. This mixture comprises all the colors. Pkt., 10c.

Phlox

DRUMMONDII. Annual. These are the best flowering and favorite plants are of very quick growth. Seed may be sown in the ground any time after the frost is passed, and in a few weeks they are in bloom.

"PHLOX DRUMMONDII GRAND-FLORA." Contains all the finest shades and will make a showy border. Pkt., 5c.

"ALBA GRAND-FLORA." Very choice, large blooms, and pure white. Pkt., 5c.

"CHAMOIS ROSE." Splendid show plant of pretty rose color, shaded with delicate fawn color. Pkt., 5c.

"COCCINEA." Splendid bright scarlet; very attractive in the border. Pkt., 5c.

"VIOLACEA." Fine violet blue color. Pkt., 5c.

"DWARF DRUMMONDII." Of dwarf, compact growth, with large flowers; very suitable for beds or borders. Pkt., 5c.

"STAR." (STELLA.) A very pretty type of the Phlox family of dwarf habit, with extremely pretty star-like flowers of all shades of color. Pkt., 5c.

"PERENNIAL PHLOX." Hardy herbaceous perennials. For best results sow the seed as soon as the frost is out of the ground, or as soon as gathered in the fall. Pkt., 10c.



Phlox Drummondii

FRINGED." Splendid large double flowers. A fine mixture of all the best colors. Pkt., 5c.

"ORIENTALE." Perennial. The single large Oriental poppy is one of the most striking of all the hardy garden plants. The tall stems, 3 feet in height, with flowers of brilliant scarlet, 6 to 8 inches across, enliven the shrubbery and dark cor-



Dianthus or Pinks

ners in early summer. They thrive well either in the full sun or partial shade. The plants bloom in early June. Pkt., 10c.

"ICELAND POPPIES." Are perfectly hardy perennials, and bloom the entire season. The flowers are about the size and shape of the Shirley poppy, and are borne on long, wiry stems. They are charming as cut flowers. There are three shades of color—white, yellow and orange. Pkt., 10c.

Pinks **"DIANTHUS."** Single Annual. The varieties of Dianthus known as China or Japanese Pinks, are among the most brilliant of our garden plants. Seed can be sown in the spring in an open, sheltered bed. The plants are easily transplanted, and will flower the first season, and also the second if the plants are given protection during the winter.

"FINEST SINGLE MIXED." A mixture of China, Hedewigii and Imperial Pinks. Nothing better. Pkt., 5c.

"FINEST DOUBLE MIXED." A mixture of the choicest strains of China Pinks of all the finest colors. Pkt., 5c.

"FLUMARIUS," "PHEASANT'S EYE," "GRASS PINK," OR "JUNE PINK." Fine for massing, closely allied to the Carnation, but smaller flower and more hardy. Flowers are very fragrant. Hardy perennial.

"SINGLE MIXED." All finest shades, mixed. Pkt., 5c.

"DOUBLE MIXED." This is a very choice mixture of this fragrant hardy plant. They are very double, and can be propagated by division of roots. Pkt., 10c.

Pyrethrum **"GOLDEN FEATHER."** **"PAR-THENIUM AUREUM."** The pretty yellow dwarf plant, in combination with Lobelia or Ageratum, makes one of the prettiest of border or carpet beds. Pkt., 5c.

"ROSEUM HYBRIDUM." Hardy perennial. The blooms on this plant resemble large Daisies or Cosmos, and range in color from white to deep red, with bright yellow centers. Flowers in May and again the fall, and is one of the most graceful and long-lasting of the cut flowers. Sow the seed in the open ground when all danger of frost is past, and transplant when in four or five leaves. Pkt., 5c.



Poppy—Selected Shirley

Poppies

"PAPAVER." Annual. The annual Poppy should be sown as early in the spring as possible where they are to remain, as they do not stand transplanting. Sow thinly in cloudy weather or after a shower. Barely cover the seed, and press down firmly, and they will be up in a few days. If they come up too thick thin them out to 3 or 4 inches apart, if you want to get the best results. Pick the flowers close and prolong the season for a while.

"SHIRLEY." Single. These are a very fine strain of this really beautiful poppy. They come occasionally semi-double, and run through a range of colors from pure white to the deepest crimson and blood red, and some are prettily edged and striped. Pkt., 5c.

"CARNATION FLOWERED, OR DOUBLE

Portulaca "ROSE MOSS." Single mixed Annual. A fine, hardy plant of easy culture, doing best in a rather sandy loam, and luxuriates in a sunny situation. Its brightly colored flowers are produced in great profusion during the season. Owing to the small size of the seed it is well to mix with 3 or 4 times its bulk in fine soil. Pkt., 5c.

"DOUBLE MIXED." A large percentage of the flowers will come double; of the most brilliant scarlet, yellow, crimson and white. They are very attractive. Pkt., 10c.

Primula "CHINESE." Annual. A very fine mixture of the brightest and most free blooming of all the Primulas. Sow the seed in early spring, barely covering them from view; if the weather is very warm shade the young plants during the hottest part of the day. Pkt., 10c.

Pueraria "THUNBERGIANA." "THE KUDZU VINE." Perennial Climber. This is without doubt the fastest growing hardy climber, and is easily raised from seed, which should be sown in the open as early in May as possible, and transplanted to permanent stand when the plants are in 4 leaf. It will grow 8 to 10 feet the first season, and as it increases with age there seems no limit to its growth. The leaves are large and cover well. It bears pretty racemes of rosy-lilac, pea-shaped flowers in August. Pkt., 10c.



Portulaca or Rose Moss

"BURTON'S QUALITY." Mixed. This is a Pansy comprising a blend of all the finest giants. The blooms are not only of extra size, but the quality of the flower is unsurpassed. Pkt., 25c.

"CASSIER AND ODIER." "MIXED FIRST CHOICE." The flowers of this strain are of immense size, all of which have from 3 to 5 blotches, and of all the best colors. Pkt., 15c.

"LA PARISIENNE." A splendid Pansy of finest quality. The flowers are borne on long stems; the petals are large and of good substance. The colors embrace many beautiful shades, veined and stained; of very large size. Pkt., 15c.

"MADAM PERRET." This beautiful Pansy should be in every border. The petals are frilled; the colors range from wine, pink and red shades; beautifully veined, all with white margins. Pkt., 10c.

"GIANT TRIMARDEAU." This is one of the most popular forms of Pansy. They are of large size, splendid colors, and thrifty. Pkt., 10c.

"LARGE FLOWERING." Mixed colors. A fine large flowering sort; of good size, form and color. Just the Pansy for bedding. Pkt., 10c.

"LORD BEACONFIELD." A splendid flower with lavender wings and deep purple standards. Large flower and fine form. Pkt., 10c.

"GIANT WHITE." A large flowering pure white. Pkt., 5c.

"GIANT BLUE." A large flowered sky-blue Pansy. Pkt., 5c.

"GIANT DARK BLUE." Very fine large flowering dark blue. Pkt., 5c.

"GIANT PURE YELLOW." A very fine large golden yellow. Pkt., 5c.

"GIANT BLACK." "KING OF THE BLACKS." Very large and fine. Pkt., 5c.

"FINE MIXTURE OF ALL COLORS." This is not a cheap mixture, but an assortment of all fine colors. Pkt., 5c.



Pansy—Giant Odier

Pansies Biennial. This old favorite of our gardens will give an abundance of bloom until after severe frost. It will endure our hard winters with safety, if given a little protection, and greet us in the spring with a profusion of bright blossoms. Pansies are at their best during the cool, moist weather of spring and fall. Seed sown in the open ground in May or June will give fine blooms in late summer and fall, and a good crop of flowers the following season if the plants are pinched back in early spring. Seed sown in July where it can be shaded and watered will produce plants large enough to winter nicely and come into bloom in early spring. Young plants give the largest flowers.

Salvia "SPLENDENS." Flowering Sage. Annual. The scarlet Salvias are among the most brilliant red flowering bedding plants. Sow the seed indoors or in a frame in time to get good plants by the end of May. Set the plants one foot apart. They will bloom about the middle of July until frost.

"SALVIA." "SCARLET SAGE." This is the old favorite bedding variety used so extensively. Is thrifty and flowers so freely. Pkt., 5c.

Schizanthus Half-Hardy Annual. "BUTTERFLY FLOWER." This is a beautiful plant of very graceful habit. The flowers are butterfly shape, of rich and varied colors, and completely cover the plant. Sow as early as the weather will permit, and transplant when the weather is settled. Pkt., 5c.

Silene "CATCHFLY." "ARMERIA." Mixed. Hardy Annual. A charming plant for rock work or border, growing about 4 inches high, blooming all summer. Sow the seed in the open in May. Pkt., 5c.

Salpiglossis "PAINTED TONGUE." Mixed colors. Half Hardy Annual. This beautiful plant should be in every garden because of their easy culture and their pretty Orchid-like flowers are borne from early summer until late fall. Seed should be sown in the spring as early as possible in a window box, and transplant as soon as the weather is warm. **Pkt., 5c.**

Sweet Rocket Annual. Also known as "Dame's Violet." Is very useful for planting among shrubbery. They bear showy spikes of white lilac and purple fragrant flowers. Sow early in May in the open ground. **Pkt., 5c.**

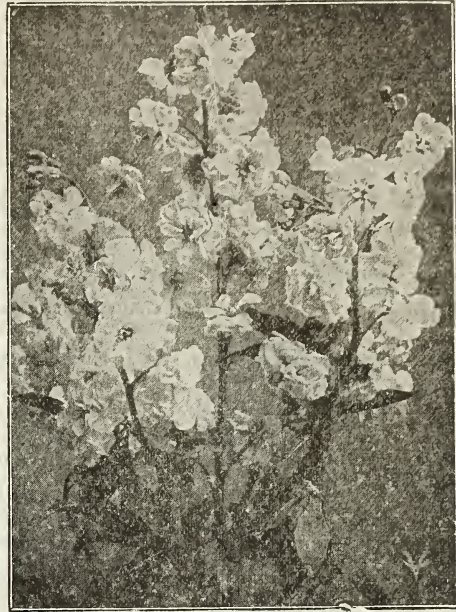
Sunflower See Helianthus.

Smilax "MYRSIPHYLLUM ASPARAGOIDES." Tender perennial. A very graceful climber for the greenhouse or window; used for bouquets or wreaths. Soak the seed before planting and sow in shallow boxes in the house in February and transplant to permanent bed when large enough. **Pkt., 10c.**

Sweet William "DIANTHUS BARBATUS." Hardy perennial. This old fashioned favorite free flowering plant is so well known that no garden seems complete without it. The rich and varied shades of color make them very popular. We advise raising new plants every season, instead of dividing the old roots. Sow the seed in open ground in May and transplant into rich loamy soil when large enough.

"FINE SINGLE MIXED." A splendid strain, flowers of many shades of color, including the Auricle-Eyed variety. **Pkt., 5c.**

"DOUBLE MIXED." Fine mixture of double flowers, which are very pretty, but not so beautiful color or form as the single variety. **Pkt., 10c.**



Ten Week Stocks

Thunbergia "BLACK-EYED SUSAN." Hardy Annual. One of the best trailing plants for veranda boxes, vases, etc.; of neat, compact growth. The pretty and attractive blooms, about an inch in diameter, are white, buff or yellow, with black eyes. Sow the seed in May when the weather is warm and settled. **Pkt., 10c.**

Vinca "PERIWINKLE." "OLD MAID." Annual. One of the old fashioned and most satisfactory bedding plants, with glossy deep green leaves, and rose-color and Myrtle-like flowers. Easily grown from seed and blooms continuously. Sow the seed early in May. **Pkt., 5c.**



Salpiglossis

Stocks "TEN WEEKS." Annual. This plant is well known for its fine foliage, fragrance and beautiful flowers of almost every desirable tint. They last a long time, and the side shoots give a succession of flowers. The seed may be sown in the open ground, in a protected situation, and transplanted when the plants are just out of the seed leaf. **Pkt., 5c.**



Verbena

Verbena Annual. This is an extra fine strain of mammoth flowers. The large, finely shaped flowers, splendid colors and free blooming habit, together with its vigorous growth, have made it a favorite. Sow the seed indoors and transplant in May, or they can be sown in the open ground in May and they will bloom in July.

"HYBRIDS." Large flowering. A splendid mixture of richest colorings and immense blooms. **Pkt., 5c.**

"PURE WHITE." Large flowering. Fine. **Pkt., 5c.**

"RICH BLUE." Large flowering. Rich color. **Pkt., 5c.**

"SCARLET." Large flowering. Fine. **Pkt., 5c.**

"PURPLE." Large flowering. Fine. **Pkt., 5c.**

Violets "SWEET SCENTED." Perennial. They are so easily raised from seed, and need so little attention, that if you plant them in a cool, moist sheltered position, you will be repaid doubly by the sweet scented blooms in early summer. Sow in early spring when the ground is warm. Pkt., 10c.

Virginia Stock "MALCOLMIA." Hardy Annual. An old favorite of the older gardens. Free flowering plants; of very thrifty growth and brightest shades of color. Sow the seed early in May. Pkt., 5c.

Venus' Looking Glass "CAMPANULA SPECULUM." Hardy Annuals. A very pretty plant, with purplish lilac flowers, varying to rose color and white. They grow very rapidly and bloom all summer. Sow the seed when all danger of frost is past. Pkt., 5c.

Valeriana "GARDEN HELIOTROPE." Hardy Perennial. Showy plants; will do well in any garden soil. Grows 2 feet high, and blooms the first season from seed. Fine for bouquets. Colors range, bright rose, red and white. Sow the seed early in May. Pkt., 5c.

Wistaria "JAPANESE." Hardy Perennial. The Wistaria is a strong, rapid grower. Desirable for trellis or porch. When well established it blooms profusely. The light purple flowers are very showy and are produced in long racemes. A large plant in bloom is very beautiful. Sow the seed as early in May as possible—in a bed protected from the cold nights. Pkt., 10c.

Wallflower "GILLIFLOWER." Half Hardy Perennial. These should be grown in every garden. They are very fragrant, and bloom early in the spring. They should be protected by a cold frame in the winter. Sow the seed in May and transplant into rich garden soil, and protect as above directed.

"FINEST SINGLE." Mixed colors. Very fragrant. Pkt., 5c.

"FINEST DOUBLE." Mixed colors. Very fragrant. Pkt., 10c.

Wild Flower Garden This is a mixture of easily grown annuals and perennials, and is much used for children's gardens, vacant lots, roadside planting, etc. These mixtures are not used as much as they should be, as when the annual flowers have done their work the perennials remain to fill up the space permanently. Pkt., 5c.

Wild Cucumber "ECHINOCYSTUS LOBATA." Annual. A very quick growing vine, often growing 30 feet in a season. Soak the seed in warm water 24 hours, or sow the seed in the fall where the vine is needed, and thin them out in spring. Pkt., 5c; oz., 25c.

Xeranthemum "FINE DOUBLE EVER-LASTING." Annual. This is a bright and pretty plant, with silvery foliage and silky flowers of white, pink and purple. Sow the seed in the open ground when all danger of frost is past. Pkt., 5c.



Zinnia

Zinnia Annual. The Zinnia is one of the most brilliant flowering plants in the garden, and is a great favorite. Sow the seed in the open ground in May. The ground must be made rich with manure. They flower early and continuously.

"ROBUSTA." FL. PL. This splendid strain of Double Zinnia cannot be excelled. The giant flowers, the most brilliant colors, and perfect form, make it a most desirable plant for a border, where a fine show is desired. Pkt., 5c.

FLOWERING PLANTS

Ready from April 1st to June 20th

Asters "JAPANESE AND CHINESE." Strong, healthy plants, raised in cold frames; all colors, mixed. By Parcel Post: Prepaid: 10c each; 60c per doz. By express at purchaser's expense: 5c each; 40c per doz.

Carnations This is a very hardy variety and stands the rigors of our winters if covered with light litter or dead leaves. By Parcel Post: Prepaid: 10c each; \$1.00 per doz. By express at purchaser's expense: 10c each; 75c per doz.

Daisy "BELLIS." These are amongst the prettiest of the border plants. Our plants are all raised in cold frames. They are so well known that detailed description is unnecessary. They are all of the mammoth type.

"LONGFELLOW." A large double pink.
"SNOWBALL." A large flowering pure white.
"MIXED COLORS." All colors, mixed. Daisies by Parcel Post: Prepaid: 15c each; 2 for 25c; 6 in basket for 60c. By express at purchaser's expense: 10c each; 6 in basket for 40c.

Pansies We grow large quantities of Pansy plants from seed imported from the best Pansy specialists of Europe, and at home, and if well cared for they will produce blooms of the finest colors, from 2 to 3 inches across. In ordering Pansy plants we would advise, where possible, that they be sent by express. Ready about April 1st. By Parcel Post: Prepaid: 75c per doz.; \$5.00 per 100. By express at purchaser's expense: 60c per doz.; \$4.00 per 100.

Hollyhocks These are good, strong, one year old roots, grown outdoors on our own farm. They are all from the best selected types of double flowered varieties. By Parcel Post: Prepaid: 15c each; \$1.50 per doz. By express at purchaser's expense: 10c each; \$1.00 per doz.

Shasta Daisy "ALASKA." One of the Burbank productions. A very hardy plant with extremely large flowers, and are very free bloomers. Keep them cut close or they will kill themselves by over-flowering. Parcel Post: Prepaid: 20c each; 6 for \$1.00. By express at purchaser's expense: 15c each; 6 for 75c.

Phlox, Hardy These hardy perennials are so easily grown, and so well known that a detailed description is unnecessary. They will grow in any soil or location, but thrive best in a rather deep, rich and moist soil, planted about 2 to 3 feet apart, they will develop better. Plant in spring, or better, in the fall, from September until frost. Colors white, pink, lavender and red. Postpaid: 20c each; \$2.50 per doz. By express at purchaser's expense: 15c each; \$1.50 per doz.

Coreopsis Good, strong, one year old plants, started in three-inch pots, will blossom the first year, producing large golden yellow blossoms. By Parcel Post: Prepaid: 15c each; \$1.25 per doz. By express at purchaser's expense: 10c each; \$1.00 per doz.

Gaillardia "BLANKET FLOWER." Grown one year in the open and transplanted into 3-inch pots. Is a very early and continuous bloomer. Mixed colors. By Parcel Post: **Prepaid: 15c each; \$1.25 per doz.** By express at purchaser's expense: **10c each; \$1.00 per doz.**

Peonies The Peony is so well known, and its requirements are so few and simple. A good, rich, deep soil, and an open, sunny position, a liberal supply of water during its growing season being sufficient to give an abundance of blooms. The Peony well deserves the name, "The Queen of Spring Flowers." They are perfectly hardy, requiring no protection whatever in the most severe climate, and once planted they increase in beauty each year. It is important in planting Peonies not to plant too deep. The roots should be placed so that the crowns are covered with 2 inches of soil.

"FESTIVA MAXIMA." This superb variety is considered the finest white in cultivation. Parcel Post: **Prepaid: 40c each; 3 for \$1.15.** By express at purchaser's expense: **35c each; 3 for \$1.00.**

"LOUIS VAN HOUTTE." Rich dark crimson, developing a slight silvery tip as the flowers age. Parcel Post: **Prepaid: 35c each; 3 for \$1.00.** By express at purchaser's expense: **30c each; 3 for 90c.**

"GOLDEN HARVEST." Peach blossom pink, with creamy white center. Parcel Post: **Prepaid: 40c each; 3 for \$1.10.** By express at purchaser's expense: **35c each; 3 for \$1.00.**

"EDULIS SUPERBA." A very early flowering variety; deep rose pink with lighter shadings. Parcel Post: **Prepaid: 40c each; 3 for \$1.10.** By express at purchaser's expense: **35c each; 3 for \$1.00.**

Sweet William These pretty, showy plants are an acquisition to any garden, if proper care be taken with them, and they will last for years. Hardy, well started one-year old roots. By Parcel Post: **Prepaid: 15c each; \$1.25 per doz.** By express at purchaser's expense: **10c each; \$1.00 per doz.**

Larkspur These fine, hardy plants will produce in mixture, pink, blue and white flowers. The roots we offer were grown in the open last summer and started in pots this spring. By Parcel Post: **Prepaid: 15c each; \$1.25 per doz.** By express at purchaser's expense: **10c each; \$1.00 per doz.**

Garden Pinks "DIANTHUS." All colors, mixed. They are hardy and an old favorite amongst flower lovers. Our plants are all one year old. By Parcel Post: **Prepaid: 15c each; \$1.25 per doz.** By express at purchaser's expense: **10c each; \$1.00 per doz.**

Gypsophila "BABY'S BREATH." An old garden favorite; hardy; good, strong roots; will bloom the first year. By Parcel Post: **Prepaid: 15c each; \$1.25 per doz.** By express at purchaser's expense: **10c each; \$1.00 per doz.**

Hardy Flowering Shrubs

Double Flowering Almond

A beautiful dwarf shrub, producing showy double flowers in May, before the leaves appear. Parcel Post: **Prepaid: \$1.00 each.**

"**Spirea**" (BRIDAL WREATH.) Very popular and hardy. Parcel Post: **Prepaid: \$1.00 each.**

"VAN HOUTTEL." The best of all the Spirea family; a perfect beauty. Parcel Post: **Prepaid: 75c each.**

Snowball "VIRBURNUM, OP. STERILIS." The well known Snowball, which produces large clusters of snow white flowers in May. By Parcel Post: **Prepaid: 75c each.**

"VIRBURNUM PLICATUM." (JAPAN SNOWBALL.) The pure white flowers are very lasting, and the beautiful foliage is not subject to attacks by insects; of moderate growth. By Parcel Post: **Prepaid: 75c each.**

Lilac "SYRINGA VULGARIS ALBA." Similar in every respect to the purple, except as to color, the flowers being white and fragrant. By Parcel Post: **Prepaid: 75c each.**

"SYRINGA PURPUREA VULGARIS." The old favorite, bearing purple panicles of fragrant flowers. By Parcel Post: **Prepaid: 75c each.** Choice of color.

Hardy Vines

Honeysuckle "BELGICA." The sweet scented monthly variety, producing continuously large trusses of red and yellow flowers of great fragrance. By Parcel Post: **Prepaid: 75c each.**

"HALLEANA." (HALL'S JAPANESE.) An ever-green variety from Japan, with fragrant white flowers, changing to yellow, blooming from July until frost. By Parcel Post: **Prepaid: 75c each.**

"SCARLET TRUMPET." A pretty variety with scarlet Fuchsia-like flowers; a very free bloomer. By Parcel Post: **Prepaid: 75c each.**

Bignonia "TRUMPET VINE." A fine, hardy climber, bearing large clusters of trumpet-shaped flowers of orange and scarlet. The foliage is also very beautiful. The plant on the lawn will make a pretty bush if cut back. By Parcel Post: **Prepaid: \$1.00 each.**

Clematis

Hardy Perennial. The Clematis is the favorite climber of the world. It makes a rapid growth, producing its showy flowers in great profusion. In the fall give the plants a top dressing of well rotted manure. The following spring spade in the manure and mix well with the soil. It will be very beneficial.

"JACK MANNIL." Flowers large, of intense violet purple; borne in great profusion; blooms from four to six inches in diameter. By Parcel Post: **Prepaid: 75c each.**

"PANICULATA." This splendid, hardy Clematis is the finest of the small flowering varieties. The flowers are pure white, star shaped, about one inch in diameter; borne very freely in large clusters; will last several days, retaining their freshness and fragrance. The plant is a strong, quick grower. By Parcel Post: **Prepaid: 75c each.**



Clematis, Paniculata

NOTICE

Preserve this Catalog for future reference, as we issue only one edition each year. We have made it handy to preserve, by inserting in it a string to hang it up by, and have made it doubly useful to preserve by printing on the back a calendar for the year. Hang It Up. You will find it convenient and useful for reference during the year.

Prices quoted herein on seeds, especially on Field and Farm Seeds, are subject to market changes. We enclose in this Catalog a Special Quantity Price List on Farm and Field Seeds, giving values at time it was issued. As the season advances, prices will adjust themselves to supply and demand. We will issue a revised price list from time to time, which we will gladly mail to prospective buyers upon application.

Yours very truly,

THE BURTON SEED CO.

Bulbs for Spring Planting

Lilies The following varieties should be planted in a very hardy or perennial border, so as to get the shade of the surrounding plants, which is very necessary for their welfare. Plant them in April from 4 to 6 inches deep, in rich, well manured soil, and they will take care of themselves. All you have to do is to keep the bed free from weeds, give them water and give them protection in the winter.

"AURATUM." (GOLDEN BANDED LILY.) A large, graceful flower of six petals of creamy white, spotted with chocolate crimson, with a gold band running through the center. Large bulbs. By Parcel Post: Prepaid: 50c each; 3 for \$1.25.

"SPECIOSUM RUBRUM." Pure white, spotted with rosy crimson spots. By Parcel Post: Prepaid: 50c each; 3 for \$1.25.

"SPECIOSUM ALBA." Large white flowers of great substance, with a greenish band running through the center of each petal. Large bulbs. By Parcel Post: Prepaid: 50c each; 3 for \$1.25.

"CANDIDUM." Common white Lily; hardy, free bloomer and fragrant; generally known as "Annunciation or Madonna Lily." Should be planted in the fall. By Parcel Post: Prepaid: 40c each; 3 for \$1.00.

"TIGRINUM SPLENDENS." (TIGER LILY.) Very large flowers, orange and spotted black. Strong, healthy grower, and is perfectly hardy. By Parcel Post: Prepaid: 40c each; 3 for \$1.00.

Dielytra Spectabilis "BLEEDING HEART." A very old favorite flower, with long racemes of graceful heart-shaped pink flowers. A fine border plant and valuable for planting in shaded spots. Blooms in May. By Parcel Post: Prepaid: 50c each; 3 for \$1.25.

ROSES

CULTURE The rose requires a rich, well manured soil, not too heavy, and do not neglect to cultivate them, as these two factors are very necessary in rose culture. Early in the spring prune them by cutting out all dead and decayed wood, and at least half the growth of the previous season should come under the knife. This applies more particularly to the hardy hybrid perpetuals. All roses should have protection in the winter months. A covering of dead leaves, light straw litter, "not packed too heavy," or the plants will suffer. If covered properly your trees will come out in the spring stronger and better able to produce their crop of blooms. We consider that the latter part of March, or the month of April, is the best time to plant out roses in this altitude.

The roses we offer you are the very best, hardiest stock obtainable; grown and developed in the West. We do not carry or offer for sale any greenhouse stock, as our experience has shown that they simply will not survive.

The embargo on foreign grown shrubbery, and the reduced production in the U. S. during the war, has created an acute shortage on all kinds of roses. Consequently prices are very high and stock almost unobtainable even at the high prices. By buying early we secured fair stocks of each variety we list, and will supply them at prices quoted as long as our present supply lasts.

Abbreviations: H. P., Hardy Perpetual; H. T., Hybrid Tea; H. W., Hybrid Wichuriana; H. T. W., Hybrid Tea Wichuriana; C. P., Climbing Polyantha; S., Setigera, or Climbing; P., Polyantha or Baby Rambler; H. C., Hybrid China or Bengal.

American Beauty H. P. This grand flower is conceded to be the most beautiful rose in size, form and color, which is a rich red, passing to crimson; delicately veined and shaded; very fragrant. Needs protection in winter.

Gruss au Teplitz H. T. This is a rose for everybody; grows well under most ordinary conditions. The color is rich scarlet, shaded to crimson. Very fragrant, and a strong, vigorous grower. Needs protection in winter.

Frau Karl Druschki H. P. A very vigorous grower. It has the hardness of the oak. Its magnificent pure white flowers, without a tint of yellow, and its immense blooms, free flowering, makes it an ideal rose. Needs protection in the winter.

Etoile De Lyons T. A very desirable sulphur yellow rose of fine form and large size. Hardy and stands the changes of our climate well, but needs protection in winter.

Ulrich Brunner H. P. A splendid rose of immense size; of globular form, and very effective in the garden; of the same shade of color as the American Beauty, and is known as the "Hardy American Beauty." Very hardy, and should be in every garden.

Gloire Lyonnaise H. P. White, tinted with yellow; large, full, and of good shape; very free, distinct and pleasing. Needs protection in winter.

General Jacqueminot H. P. Brilliant crimson scarlet; an old fashioned and popular flower; grows well anywhere; no garden is complete without a "Jack" rose. Needs protection during winter.

Hoosier Beauty H. T. Strong, vigorous grower, bearing a large, full, perfect bloom of an intense rich, dazzling scarlet, and deliciously fragrant. Said to be the best rose of its color. Needs protection in winter.

La France The queen of all the roses, and a model garden rose in every way. The color is a beautiful bright silvery pink, with pale lilac shading. Needs protection in winter.

Pink Killarney H. T. This is one of the most popular of our garden roses. In color it is a sparkling brilliant pink, long pointed buds, and large blooms. Needs protection in winter.

White Killarney H. T. This is a comparatively new rose. It is a very free bloomer; pure white long buds and of fine form. Needs protection during winter.

Madame Caroline Testout H. T. Brilliant satiny rose, deepening to the center with immense broad petals and large flowers. Needs protection in winter.

Ophelia H. T. A splendid rose, salmon flesh-shaded rose; the center of the flower shows coloring of chamois; is a free bloomer. The buds are long and pointed. Needs protection in winter.

Madame Plantier H. P. A June rose, pure white, extremely hardy; completely hides itself in June with its lovely white, sweet scented flowers. It is as hardy as an oak, and for cemetery purposes cannot be beat.

Magna Charta H. P. A rose with extra large blooms of unusual depth of bright rosy pink color; of fine form and very fragrant. Needs a little protection in winter.

Prince Camille De Rohan H. P. A rose with large, handsome blooms and very fragrant. In color it is a deep velvety crimson color, almost an intense maroon, by which it has come to be known as "The Black Rose." Needs protection in winter.

Paul Neyron H. P. The largest of all the rose family; of a bright, but dark, pink color. Very double, full and sweet scented. Hardy, but it needs a little protection in winter.

Sunburst H. T. One of the best of the newer roses. The color is orange, copper or golden orange, and edge of petals of a lighter shade. Extremely brilliant in effect. Needs protection in the winter.

Any of Above ROSES by Express at Purchaser's Expense, 75c each; 3 for \$2.00; Parcel Post Prepaid, 90c each; 3 for \$2.40

Climbing Roses

Baby Rambler "MADAM NORBETT LE VAVASSIEUR." P. This is the crimson Rambler in dwarf form, having the same ruby red color; grows about 20 inches high, bearing clusters; flowers until late in the season; very popular. Hardy, but needs protection in winter.

Dorothy Perkins H. W. This pretty climber has a soft shell pink bloom; free flowering, in large clusters; very fragrant and lasting; a grand rose in every way. Very hardy.

Lady Gay H. W. This rose is a perfectly hardy climber; is cherry pink, fading to a soft white. A very charming climber.

Any of Above ROSES by Express at Purchaser's Expense, 75c each; 3 for \$2.00; Parcel Post Prepaid, 90c each; 3 for \$2.40

Crimson Rambler C. P. The most popular of the hardy, outdoor climbers of today. It is a rapid grower, and quite hardy. Everyone is familiar with its large clusters of crimson flowers.

Climbing American Beauty H. T. W. A strong healthy and vigorous grower, making shoots ten feet in one season. It is one of the best climbers. free bloomer, good sized fragrant flowers of rose pink; of good form and good substance. Needs protection in winter.

White Rambler C. P. This pure white Rambler grows very vigorously and bears clusters of pure white flowers. Needs protection in winter.

Yellow Rambler C. P. A splendid Rambler, bearing double yellow flowers in large clusters. Is very hardy.

SWEET PEAS

CULTURE Sweet Peas are very easy to grow, and every one should have them in the garden. The principal thing to do is to have the ground thoroughly prepared and sow the seed early. The old custom of planting them on St. Patrick's Day, March 17th, rain or shine, still holds good. They should be planted as early in the spring as the ground can be worked.

Dig a trench 10 to 12 inches deep, loosen up the soil at the bottom as deep as you can with a spade, then put in about 4 inches of well rotted cow manure or bone meal, cover with about 2 or 3 inches of soil, then sow the seed at the rate of one ounce to ten feet; cover with 2 inches of soil, or to within about 4 inches of the top of the trench. This will allow you to cover up the young plants

to protect them as they appear from the late spring frosts. It will also protect them to a large extent from the cut worms, as they work above ground. By having a deep trench the root system will develop better, the moisture will be conserved, the blooms will be larger and more of them, and they will last longer. Don't allow them to go to seed. If you do they will cease to bloom. Don't water the vines and plants in the sun, but rather in the evening, once a week, with a fine spray. About twice a week water the roots, giving them a good soaking. Never plant Sweet Peas in the same trench in succession without removing and thoroughly renewing the soil, according to directions given above.

Our stock of Sweet Peas is grown for us under contract by the largest grower of Sweet Peas in the world, who has produced a large proportion of the favorites known to the lovers of this justly popular flower. His experience and knowledge have won for him both national and international honors. We have selected the very best of each color and type with a view of giving our customers the best collection possible. Our mixtures must not be compared with the common mixtures offered for sale, which are usually grown from discarded varieties as they are thrown out from the list. We make our own mixture from our stock of standard varieties and colors by taking equal parts of each color and type which we list and mix them together. Therefore, you can depend upon getting in our mixture every type and color listed by us, which comprises the best of the different types of Sweet Peas in general use—the Spencer or Orchid flower, and the Grandiflora, or the California Giant, a list of which follows:

SPENCER VARIETIES

Asta Ohn Pinkish lavender; the wings show more lavender than the standard. Best Spencer form and large size. Pkt., 10c; oz., 20c; 3 ozs., 50c.

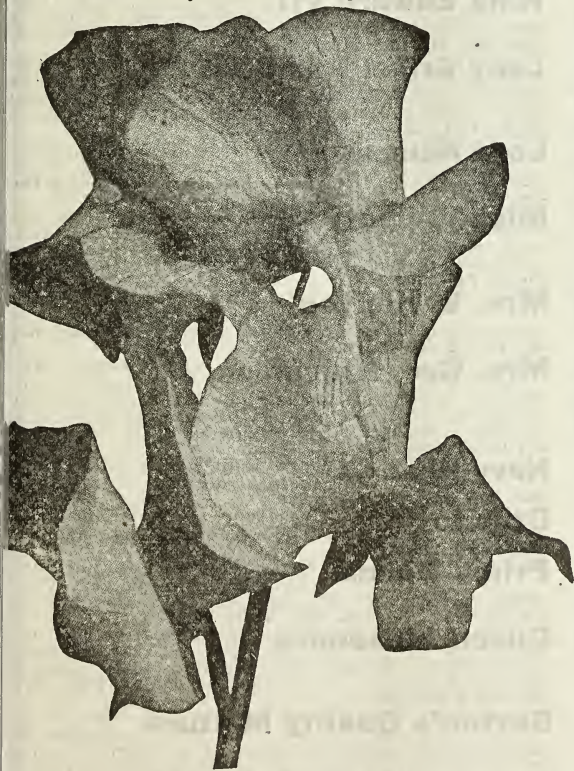
America Carmine striped on white; a good Spencer type. Pkt., 10c; oz., 20c; 3 ozs., 50c.

Aurora A brilliant orange, rose striped and flaked on white; of the finest Spencer form and of immense size. Pkt., 10c; oz., 20c; 3 ozs., 50c.

Countess Spencer The original Spencer, clear, soft, rich pink; a little deeper shade at the edges. Strong vine, and free flowering. As a cut flower it is unsurpassed. Pkt., 10c; oz., 20c; 3 ozs., 50c.

Captain of the Blues A large, clear, purplish blue of a deep, rich color; full Spencer size. Pkt., 10c; oz., 20c; 3 ozs., 50c.

Evelyn Hemus This pretty Spencer, with its beautiful flowers of buff ground, with rosy picotee edging of terra cotta pink. Pkt., 10c; oz., 20c; 3 ozs., 50c.



Sweet Pea (Spencer Type)

Florence Morse A very large open form of the best Spencer type. Splendid light pink, beautiful clear shade. Immense flowers, with many double standards. Pkt., 10c; oz., 20c; 3 ozs., 50c.

Florence Nightingale Splendid flower, a clear lavender, with a little mauve in bloom. Large size. Very useful for bouquets. Pkt., 10c; oz., 20c; 3 ozs., 50c.

Frank Dolby An open and wavy form of the Unwin type. The color is a pinkish mauve and lavender; a good flower. Pkt., 10c; oz., 20c; 3 ozs., 50c.

King Edward Rich crimson, waved; large flowers of fine Spencer form. It is a vigorous grower and fine for exhibition or garden. Pkt., 10c; oz., 20c; 3 ozs., 50c.

Gladys Unwin Very large size of open form, with wavy edges; a clear, bright, light pink; almost self-colored. Pkt., 10c; oz., 20c; 3 ozs., 50c.

John Ingman One of the earliest of the Spencers. The color is a rosy carmine, showing veins of a deeper shade. Pkt., 10c; oz., 20c; 3 ozs., 50c.

Marie Corelli Fine wavy bloom, rose carmine tinted cherry red; of good form. Pkt., 10c; oz., 20c; 3 ozs., 50c.

Mary Garden Pink on cream. This Sweet Pea has quite a percentage of double standards. Very fine bloom, of large size. Pkt., 10c; oz., 20c; 3 ozs., 50c.

Mrs. C. W. Bredmore A fine, large flower, and strong grower. The color is a buff ground with picotee edge. Pkt., 10c; oz., 20c; 3 ozs., 50c.

Mrs. Routzahn A very pretty flower of large size; of good form. The color is apricot suffused with pink. Pkt., 10c; oz., 20c; 3 ozs., 50c.

Nora Unwin A pure white seeded, white Sweet Pea, of very large, open, wavy form, of great substance. A fine market white. Pkt., 10c; oz., 20c; 3 ozs., 50c.

Othello A very rich, deep maroon of very large size and wavy form, and a very free bloomer. Pkt., 10c; oz., 20c; 3 ozs., 50c.

Primrose A fine, large, wavy flower, measuring 2 inches across. The color is a clear primrose thruout. Pkt., 10c; oz., 20c; 3 ozs., 50c.

Rosabelle Base of wavy form. Very fine indeed; of great form and size. One of the best for the garden or exhibition. Pkt., 10c; oz., 20c; 3 ozs., 50c.

Wedgewood A clear azure blue, with a tint of mauve in the standard. Large flowers and good form for a blue. Pkt., 10c; oz., 25c; 3 ozs., 65c.

White Spencer This is a true Spencer of the purest white. The flowers are large, of open form on long stems. Pkt., 10c; oz., 20c; 3 ozs., 50c.

Burton's Special Mixture of Spencer and Unwin Types

This mixture comprises the cream of the above Sweet Peas. We know just what goes into it, and we are sure you will be pleased with it at blooming time. Pkt., 10c; oz., 20c; 3 ozs., 50c.

SPECIAL OFFER: YOU MAY SELECT 16 ONE-OUNCE PACKETS OF SPENCER SWEET PEAS OF DIFFERENT COLORS FROM OUR LIST, WHICH WE WILL MAIL YOU POSTPAID—\$2.50.

GRANDIFLORA VARIETIES

America Crimson scarlet striped on white. Large size, of good form; very bright and effective, and holds its color well. Pkt., 5c; oz., 15c; 2 for 25c.

Apple Blossom Standards crimson pink, wings white shaded pink, medium size, hooded form. Pkt., 5c; oz., 15c; 2 for 25c.

Black Knight A splendid flower of large size and open form. The color is a very deep maroon. Very fine for gardens or bouquet. Pkt., 5c; oz., 15c; 2 for 25c.

Blanche Ferry This is one of the older favorites, but still popular; standards bright rose, white wings tipped with pink. Medium size and open form. Pkt., 5c; oz., 15c; 2 for 25c.

Blanche Burpee Pure white, somewhat over medium size and slightly hooded form. Pkt., 5c; oz., 15c.

Bolton's Pink A splendid flower of large size; hooded form. The color is orange or salmon pink, veined with rose. Pkt., 5c; oz., 15c; 2 for 25c.

Countess of Radnor Light mauve standard, lavender wings of medium size and open form. Pkt., 5c; oz., 15c; 2 for 25c.

Dorothy Eckford One of the best pure white varieties. Semi-hooded; of the best form, with large wings and standards, which average 2 inches across. Pkt., 5c; oz., 15c; 2 for 25c.

Duke of Westminster The flowers are of large size and hooded form. The standards, clear purple, wings purple, with a tinge of violet. Pkt., 5c; oz., 15c; 2 for 25c.

Florea Norton Medium size, open form, of bright blue color. This is the clearest and most prominent blue amongst the Sweet Peas. Pkt., 5c; oz., 15c; 2 for 25c.

Henry Eckford Almost a clear orange; self-colored; it is a beautiful color, and is the nearest approach to orange yellow in Sweet Peas. Pkt., 5c; oz., 15c; 2 for 25c.

Janet Scott Clear, deep, but bright pink, showing buff at top of the standard. Flower of large size and hooded form. Pkt., 5c; oz., 15c; 2 for 25c.

Katherine Tracey Standard soft pink, wings a trifle lighter; vigorous grower; of open form, and usually bears two blossoms to the stem. Pkt., 5c; oz., 15c; 2 for 25c.

King Edward VII Bright red or crimson scarlet; the flower is very large; of fine form, and nearly self-colored. Pkt., 5c; oz., 15c; 2 for 25c.

Lady Grisel Hamilton Standards light mauve and wings lavender. The flowers are of large size and hooded form. It is the largest and lightest of the lavers. Pkt., 5c; oz., 15c; 2 for 25c.

Lord Nelson A rich, deep navy blue, similar in all respects to navy blue, only richer in color. Pkt., 5c; oz., 15c; 2 for 25c.

Miss Wilmott Standard orange pink, wings rose, tinted with orange; Very large size; semi-hooded form of the very best type; long stems, and very vigorous. Pkt., 5c; oz., 15c; 2 for 25c.

Mrs. E. Kenyon A very popular variety of delicate primrose yellow, bearing large flowers of open form. Pkt., 5c; oz., 15c; 2 for 25c.

Mrs. Geo. Higginson, Jr. Light lavender, almost an azure blue, and nearly free from any tint of mauve. It is the clearest of delicate blues that we have. Medium size and hooded form. Pkt., 5c; oz., 15c; 2 for 25c.

Navy Blue Standard indigo blue and violet, and has a decided blue effect. Pkt., 5c; oz., 15c; 2 for 25c.

Othello Very dark maroon, self-color; of large size and hooded form. Pkt., 5c; oz., 15c; 2 for 25c.

Prima Donna Pure self pink, over medium size, hooded form, very vigorous grower, and usually bears four blossoms to a stem. Pkt., 5c; oz., 15c; 2 for 25c.

Queen Alexandra Bright scarlet red, almost a true scarlet; self colored. Hooded form, medium large flower; semi-hooded form. Very popular color. Pkt., 5c; oz., 15c; 2 for 25c.

Burton's Quality Mixture This is a mixture of all the above named varieties of Grandiflora type, and cannot be surpassed. A trial will convince you. Pkt., 5c; oz., 15c; 1/4-lb., 50c; lb., \$1.50.

DAHLIAS

The list of Dahlias we offer this season has been subjected to a revision. We have eliminated many of the older and smaller varieties and added new ones in their place, each in their own class. The selections were made by us and the bulbs were grown by us on our Seed Farm. They are acclimated, healthy, strong and vigorous, and embrace every shade of color and form known to the Dahlia family.

The size of the bulb or tuber does not in any way designate the size or quality of the flower. Some varieties make large bulbs, some small bulbs. Do not consider small bulbs worthless, for they are equally as good and, in many cases, better than large ones. Medium and small sized bulbs more often produce the finest and highest colored flowers, and in many cases the best and most effective plants.

CULTURE Dahlias will succeed in any kind of soil, light, sandy or heavy loam. The soil should be plowed or spaded 8 to 10 inches deep, and well pulverized, thoroughly worked over and fertilized by using well rotted cow or sheep manure, well incorporated into the soil. Dahlias can be planted any time after danger of frost is over. Under ordinary conditions they will commence to bloom in six or eight weeks after planting. It is always best to wait until the ground becomes warm.

Plant the bulbs in hills or drills two to three feet apart and about six inches deep, laying the bulb flat down. In planting do not stand the bulbs on end. If you do the bulbs that form will grow near the top of the ground, and in dry, hot weather the plants will be stunted. By planting the bulb first, then covering with an inch or more of soil, then adding your dressing of manure, the plant receives the full benefit of the manure. Give thorough cultivation, deep at first, and continue once a week until the plant commences to flower. After they commence to bloom do not cultivate, as this is the time the new roots are forming, and you are apt to cut off the new tubers and weaken the growth of the plant.

The harvesting and packing for winter is very important. Dahlias should be harvested shortly after their foliage has been killed by frost. As soon as the frost has killed the foliage the strength of the stalk recedes back into the bulbs, and if they are not soon harvested each bulb will begin to sprout, and after it is stored will cause it to soon decay. Dahlias may be dug with fork, spade or plow. In digging or harvesting the clump great care should be taken. Dig them very carefully. Do not pull them up. The clump should be dug or lifted carefully, being careful not to break the neck of the bulb. If you crack, girdle or break the neck of the bulb they will dry up or so weaken the bulb that it will be slow in sprouting in the spring, and then send out an impoverished sprout, requiring extra time and care in getting it started. After removing the clump from the ground, cut off the stalk two or three inches above the top of the clump, allowing them to be exposed to the air and sun for only an hour or two. If they are permitted to remain out longer they will begin to wither. Pack in a cool frost-proof place, where extremes of temperature may be avoided. A place having an average temperature of about forty-five degrees is about right. Do not cover or pack with any material or substance that will absorb or retain dampness or moisture, as it will cause them to mildew or decay.

We generally use common flour barrels, lining them with paper, placing some moss or sphagnum between each clump. In packing be careful to pack the clump upside down, as the stalk is hollow and contains a watery substance or acid, which, if not permitted to drain out, will cause decay.

In the spring the clumps begin to send out sprouts, which greatly aid in dividing properly. In dividing use a sharp knife, first dividing the clump in half, then divide to one bulb each. Great care should be taken, and a portion of the crown or stalk should be left on each bulb, as it is on the base of the crown, at the junction of the stalk, that the eye is located and the sprouts start, and if the bulb does not contain this crown and eye it cannot sprout, and is worthless.

In the growth of Dahlias there are no set rules to follow invariably by all, or even by any one grower, year after year. Each climate, soil, location or season may call for different treatment. Success with Dahlias is the same as with anything else. Do everything in moderation, excess in any

direction is unwise. In many locations conditions are so favorable that Dahlias grow to perfection with practically no attention.

The Dahlia is one of the easiest plants to grow, and will produce more flowers than any other plant in the garden if properly cared for.

Cactus Types

This is a type of Dahlia of comparatively recent introduction. The flowers are loosely and artistically formed, resembling the Chrysanthemum. The petals are long, twisted and terminating in a point. On some varieties the petals are straight and others are gracefully curved.

Cockatoo Clear canary yellow, while the tips of the flowers are pure white, with the under surface a pale brown tint. Postpaid: 15c each; \$1.50 per doz.

Countess of Lonsdale A peculiar blending of salmon pink with amber. A very pleasing flower, and is the Dahlia for the million. Postpaid: 25c each; \$2.50 per doz.

Crepuscule An immense flower of pale orange at the center, deepening to a deep amber buff at the outer petals. A beautifully formed, refined flower. Postpaid: 20c each; \$2.00 per doz.

Ella Kramer Rose pink, with much brighter center, and is a flower of fine form. Postpaid: 15c each; \$1.50 per doz.

Etendard De Lyon We consider this to be one of the finest varieties for garden decoration. Everybody admires this giant flower. It is of a Hybrid-Cactus type, distinct in shape from all others. The petals are broad, curled and wavy, and form a flower fully six inches in diameter and four inches deep. It is a very large flower, yet without any stiffness or formality. Its color is a rich carmine rose, with a brilliant suffusion difficult to describe. Postpaid: 35c each; \$3.00 per doz.

Fusilier Handsome flower of a deep salmon color, a bloom of splendid form, and is much admired. Postpaid: 15c each; \$1.50 per doz.

General Buller

A rich, velvety crimson maroon, tipped with white; very pretty and attractive. Postpaid: 15c each; \$1.50 per doz.

Golden Gate

A very large, hardy Cactus, of a deep golden yellow, suffused and shaded with fawn on long, stiff stems; a very free bloomer. Postpaid: 20c each; \$2.00 per doz.



Dahlia (Cactus Type)

Genista Deep orange, changing to gold color. A free blooming, fine shaped flower, on long stems; a strong, sturdy plant. Postpaid: 15c each; \$1.50 per doz.

Harbor Light Vivid orange color, overlaid with flame color. Very showy and attractive. Postpaid: 15c each; \$1.50 per doz.

Iceberg Ivory white, with pale yellow cast at center; the petals are long, quilled and narrow; of extra fine form. Postpaid: 15c each; \$1.50 per doz.

J. H. Jackson The finest Cactus in existence. It is a giant flower of a deep velvety maroon. Should be in every garden. Postpaid: 15c each; \$1.50 per doz.

Kriemhilde The Queen of the Cactus type. A delicate flesh pink, shading to white in center. A late flower, but a beauty. Postpaid: 15c each; \$1.50 per doz.

King Edward VII A beautiful shaped flower of a brilliant cherry red color, possessing very long, straight star-shaped petals. Postpaid: 15c each; \$1.50 per doz.

Mrs. Cozzens A splendid flower of deep maroon, with a white band around each floret; also tipped with white; very pretty; useful for cutting. Postpaid: 15c each; \$1.50 per doz.

Master Carl One of the largest and most satisfactory Dahlias grown. The color is an excellent shade of sulphur yellow; of finest form, and excellent for cutting. Postpaid: 25c each; \$2.50 per doz.

Rosy Morn A beautiful peach colored Dahlia, somewhat paler in tint at the base; very attractive. Postpaid: 15c each; \$1.50 per doz.

Rainbow A very pretty shade of light pink salmon; very attractive in bouquets. Postpaid: 15c each; \$1.50 per doz.

Rhein Koening An ideal white variety with blooms over five inches in diameter; of splendid form, and borne on stiff stem held well above the foliage; of great substance, lasting well when cut. Postpaid: 20c each; \$2.00 per doz.

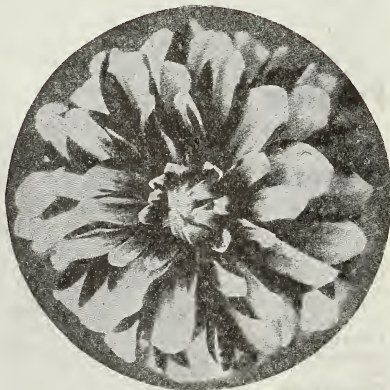
Snowdon (NEW.) This is a fine Cactus. The flower is an exquisite snow white; of fine form, with sharply pointed petals; fine for cutting. Postpaid: 25c each; \$2.50 per doz.

Peony Flowered

A new type of Dahlia, resembling the Peony. The flowers are generally semi-double, showing a rich, golden center. Some varieties are more or less fragrant.

Admiration

A new peony flowered Dahlia. The color is pale orange, flaked and overlaid with rosy crimson; at the bottom they are very large and full to the center. Postpaid: 20c each; \$2.00 per doz.



Peony Dahlia, Geisha

Carnival Queen A very pretty and desirable Dahlia, with bloom cherry, tinted with amber. Postpaid: 15c each; \$1.50 per doz.

Colorado A very desirable and attractive Dahlia of the peony type. The color is a light sulphur yellow, fading to white. Postpaid: 15c each; \$1.50 per doz.

Geisha The pride of the peony flowered Dahlias. The flowers are of immense size, the color is rich scarlet and gold, with twisted and curled petals. Very popular, and is sought by all Dahlia growers. Postpaid: 35c each; \$3.50 per doz.

Hampton Court The best of the English creations. It is a bold flower of good form of a bright mauve pink. Postpaid: 20c each; \$2.00 per doz.

Hortulanus Budde A splendid free flowering, rich, rosy scarlet Dahlia of splendid habit, and one of the most reliable for the garden. Postpaid: 15c each; \$1.50 per doz.

Marie Studholme Very beautiful. The color is a delicate mauve pink, shaded with ivory sheen. This combination gives the appearance of lavender pink. Postpaid: 20c each; \$2.00 per doz.

La Rainte The flowers are of true peony type. The color is a charming lavender pink, with a golden yellow center. Its fragrance is remarkably prominent. Postpaid: 15c each; \$1.50 per doz.

Mrs. Jacques Frutelle "SEEDLING." The flowers of this Dahlia are of medium size; the color is a lemon yellow spashed with scarlet. Very attractive. Postpaid: 15c each; \$1.50 per doz.

Paul Krueger A very fine flower; the color is a deep violet red, with white stripes; very effective. Postpaid: 20c each; \$2.00 per doz.

Ourray Fine flower of a dark red color; very handsome; of fine form and free bloomer. Postpaid: 20c each; \$2.00 per doz.

Phenomenal A very effective variety, having beautiful Cactus shaped florets. The color is an exquisite salmon shade, suffused with light amber. Postpaid: 20c each; \$2.00 per doz.

Queen Emma This is a delightful Dahlia of a charming shade of Hollyhock pink. The inner petals banded with gold. The flowers possess grace, simplicity and beauty, which make it a fashionable flower. Postpaid: 10c each; \$2.00 per doz.

Queen Wilhelmina This is a splendid variety of the peony type. Immense white flowers with yellow centers; very free bloomer. Postpaid: 20c each; \$2.00 per doz.

Solfatara A very pretty peony flowered Dahlia. The color is carnival red, with yellow band in center. Postpaid: 15c each; \$1.50 per doz.

Sunrise Very handsome, the color being a clear, lively pink. The contrast between the light pink flowers and the heavy green foliage is very attractive. Postpaid: 20c each; \$2.00 per doz.

John Wanamaker (NEW.) A very free flowering Dahlia of the peony type, with broad, peculiarly curved and twisted petals of a pleasing shade of violet mauve. Postpaid: 25c each; \$2.50 per doz.

Berch von Heemstede A splendid new Dahlia of primrose yellow, with golden sheen. The flowers are of medium size and very free. A worthy companion for Geisha. Postpaid: 35c each; \$3.50 per doz.

NOTICE—We want every customer to feel that it is our business to help his business. This can be done through advice, the proper seed to plant, cultural directions, and in many other ways. We would appreciate their taking up with us anything they wish to know pertaining to these. Business deals with us must in every case satisfy the customer, or we cannot hope to retain his patronage.

Decorative Dahlias

This type of Dahlia is intermediate between the actus and the show varieties, and combine many interesting forms, some with flat petals, others inverted and twisted, but all free flowering, and aders for cut flowers. They are of the easiest nature, and adapt themselves to all conditions; a combination which assures their continued popularity.

American Beauty (NEW.) This new Dahlia is a seedling from "Le Colosse;" is a giant flowering variety, with long stems; the color is a gorgeous wine crimson, and is the largest and best of its class. Postpaid: 20c each; \$2.00 per doz.

Son Ton An extra fine Dahlia of deep scarlet, or garnet red. Its ball shaped flower makes it very popular for cutting. Postpaid: 5c each; \$1.50 per doz.

Delice The most popular pink variety up to date. Its perfect shape, stout, stiff stems, and its color, a beautiful soft pink, make it one of the best for cutting. Postpaid: 20c each; \$2.00 per doz.

Portulanus Witte A very large, long stemmed, free flowering, pure white Dahlia. A splendid cut flower and exhibition variety. Postpaid: 35c each; \$3.50 per doz.

Leanne Charmet A splendid variety which stands alone in its class. The blooms measure from 7 to 8 inches across on stiff stems 18 to 24 inches long. The color is lilac pink, shading to pure white in the center. Postpaid: 25c each; \$2.50 per doz.

Le Grande Manitou The best variegated Dahlia of the decorative type. The flowers are well known for their beauty of color, perfection of form, and immense size. The color is pure white, striped and plashed with a deep violet purple, occasionally elf-colored, and borne on long, stiff stems, well above the foliage. Postpaid: 20c each; \$2.00 per doz.

Madam Van Der Dael A grand Dahlia of the decorative type. The color is a charming soft rose, with deeper markings, shading to white in the center. The flowers are large, on long stems, standing well above the foliage. A fine Dahlia for cutting. Postpaid: 20c each; \$2.00 per doz.

Madam Victor Vassier The grandest clear sulphur yellow decorative Dahlia to date. Postpaid: 15c each; \$1.50 per doz.

Masterpiece (NEW.) Is a gigantic flower of clear pure color, without shading, borne on stems often twenty inches long, and blooming freely throughout the season; the color is a clear, rich tango. Postpaid: 25c each; \$2.50 per doz.

Minnie McCullough One of the most popular varieties. The color is a soft yellow, overlaid with bronze; a beautiful autumnal tint. Makes a fine cut flower. Postpaid: 15c each; \$1.50 per doz.

Lyndhurst A fine Dahlia of rich, deep glowing, clear scarlet, with fine long stemmed flowers; an early and continuous bloomer. The best bright red for cutting. Postpaid: 15c each; \$1.50 per doz.

Perle de Lyon A most valuable white decorative Dahlia, and one of the best whites in any class for cut flower purposes. Good sized flowers on long, wiry stems. Postpaid: 15c each; \$1.50 per doz.

Princess Juliana A very pretty pink Dahlia, very similar to "Delice." Of splendid form and early flowering; its neatly formed flowers will be appreciated by the amateur. Postpaid: 20c each; \$2.00 per doz.

Progress A clear lavender, with blotches of soft crimson through each petal. Very pretty. Postpaid: 15c each; \$1.50 per doz.

Souy De Gustave Douzon This is said to be the largest Dahlia in cultivation. The petals are of great width and overlap each other regularly. The color is a rich, fiery red, that seems almost burnished. It is a very fine flower in every way. This Dahlia should have a place in every garden. Postpaid: 20c each; \$2.00 per doz.

W. W. Rawson This magnificent Dahlia bears flowers from 7 to 9 inches across, of pure white, overlaid with amethyst blue; the flowers are carried on long stems. This Dahlia will please the most critical grower. Postpaid: 20c each; \$2.00 per doz.

Yellow Colosse This splendid flower is the best yellow Dahlia to date, being rich, refined and delicate. The large, showy flowers of primrose yellow are produced freely on long stems. Postpaid: 20c each; \$2.00 per doz.

Show Dahlias

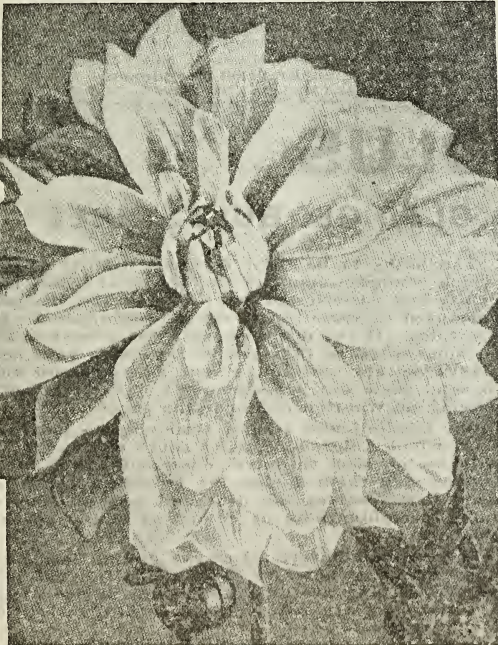
The flowers of this type of Dahlia are large, spherical, compact and full to the center, and the colors solid edged, tipped or shaded darker.

Acquisition An exquisite shade of deep lilac; very large, with cup-like petals. Especially good for cut flowers. Postpaid: 15c each; \$1.50 per doz.

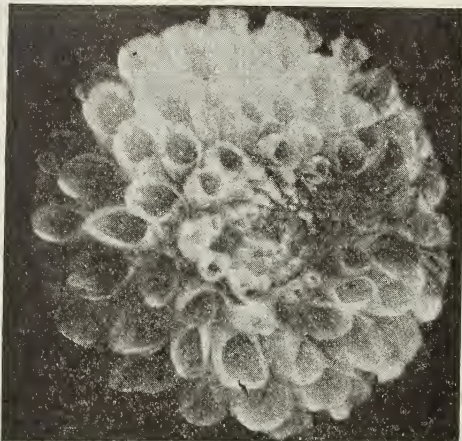
A. D. Livoni The color of this old standard variety is a beautiful soft pink, with perfectly round, ball-shaped flowers. A very free bloomer, and a favorite with all Dahlia growers. Postpaid: 15c each; \$1.50 per doz.

Crimson Giant A splendid Dahlia of the show type of large size; fine form; the color is a deep crimson red; a very desirable variety for the garden. Postpaid: 15c each; \$1.50 per doz.

Dorothy Peacock Splendid show variety, with large perfect-shaped flowers of a bright sea shell color; very early and a continuous bloomer. Postpaid: 15c each; \$1.50 per doz.



Decorative Dahlia



Dahlia (Show Type)

Elsie Davidson A splendid colossal flower of perfect form and color, which is a deep golden yellow. **postpaid: 15c each; \$1.50 per doz.**

Fascination An extra fine flower of perfect shape; the color is rose pink, sometimes striped with white. **Postpaid: 15c each; \$1.50 per doz.**

Gloire De Guiscard A splendid Dahlia of remarkable color, being a combination of red, yellow, pink and white, the general appearance being a yellow base, overlaid with pink, with white tips. Very fine. **Postpaid: 15c each; \$1.50 per doz.**

Lucy Faucett Very large flowering. The color is a pale yellow, striped with deep pink, or light magenta; a very desirable variety for the garden. **Postpaid: 15c each; \$1.50 per doz.**

Meteor A very large flowering Dahlia of a bright red; of fine form and substance; very free bloomer; very desirable for the garden. **Postpaid: 15c each; \$1.50 per doz.**

Puritan A very pretty flower; the color white ground shaded lavender, a striped red. Fine for cutting. **Postpaid: 15c each \$1.50 per doz.**

Purple Gem This Dahlia truly bears out its name; the flowers are rich dark purple, and borne on long, stiff stems. **Postpaid: 15c each; \$1.50 per doz.**

Queen Victoria or Mary D.

Hallock This is a very pretty Dahlia. It is a rich shade of canary yellow; a very suitable Dahlia for cutting. **Postpaid: 15c each \$1.50 per doz.**

Rosebud A Dahlia of perfect form and large size, and the plants are dwarf and bushy, bearing their blooms in great profusion; the color is white, edged with rose pink, and an unusually round and full. **Postpaid: 15c each \$1.50 per doz.**

Stradella "SEEDLING." A beautiful deep purple crimson; a very free bloomer; stems long and wiry; one of the finest up to date. **Postpaid: 15c each; \$1.50 per doz.**

Storm King The most reliable white show Dahlia; the blooms are borne on long stems well above the foliage; one of the finest up to date. **Postpaid: 15c each; \$1.50 per doz.**

Sunburst A very pretty Dahlia of good form. The color is an exquisite shade of clear salmon; just the color for cut flowers. **Postpaid: 15c each; \$1.50 per doz.**

Striped Banner This Dahlia is a very pretty shade of deep red with white stripes. A pleasing addition to the garden. **Postpaid: 15c each; \$1.50 per doz.**

Mary Pickford This comparatively new show Dahlia is quite an acquisition to the already large list of show varieties. It is a strong, vigorous grower, bearing flowers of perfect form; the color is a light shade of salmon pink; very fine for cutting. **Postpaid: 15c each; \$1.50 per doz.**

Burton's Quality "Mixture"

This is a mixture of all the types and colors in this list, carefully selected. It is not a haphazard mixture, such as is generally offered for sale. It includes some of the finest of the varieties offered. **Postpaid: 10c each; \$1.00 per dozen.**

GLADIOLUS

SPECIAL OFFER—200,000 GLADIOLI BULBS FREE

To Our Lady Customers:

We are pleased to note the interest that women generally are taking in the garden and farm. As our records show that at least 90 per cent of the mail orders we received for seeds were sent in by some lady member of the family; and in appreciation of the interest manifested, and the esteemed orders they send us, we are going to give them free of charge, 200,000 Gladioli Bulbs. We have a two-fold object in giving these: Firstly, to advertise our Gladioli. Secondly, to assist our customers in beautifying their homes, yards and gardens with the latest and best varieties of Gladioli on the market; all acclimated and free from disease.

We will give (as long as they last) with each cash order for vegetable and flower seeds, received from a lady customer amounting to—

\$ 2.50 ... 6 Gladioli Bulbs
5.00 ... 12 Gladioli Bulbs
10.00 ... 24 Gladioli Bulbs

The bulbs to be from Burton's Quality Mixture, which comprise many of the newer and best types, colors and varieties grown by us, as the Mixture is composed of varieties of which we happen to have a surplus. If you desire these bulbs, please so state on your order, so they can be sent with your seeds, otherwise they will not be sent, as we cannot afford to send them out promiscuously only to those appreciating, wanting and ordering them.

Our Gladioli and Dahlia Grounds are located at Englewood, Colorado, 8 miles south of Denver. We will be pleased to have customers and invited friends visit them during the flowering season and see for themselves the different varieties and exquisite combinations of colors as they appear in bloom.

These Gladioli were all grown on our Seed Farm, where we grow acres of them annually. The bulbs we are offering are among the newest, best varieties and colors in feature as described on the following pages.

THIS OFFER WILL NOT APPLY ON OUR \$1.00 OR 50c COLLECTIONS



Six of the Grandest Gladioli
America, Augusta, Blue Jay, Cracker Jack,
Klondike and Mrs. Francis King

The embargo prevailing on foreign-grown bulbs has affected the Gladioli perhaps more than any foreign plant or bulb, as large quantities of European Gladioli were formerly imported annually, and with this source cut off the available supply is very limited and assortments small, with correspondingly higher prices.

The interest shown in the Gladioli in recent years has been tremendous, and thousands of bulbs are now planted annually, where only a few dozen were used in the past. The little red flower of the long ago must not be confused with the New Gladioli—for within recent years the American Hybridizers have produced wonders; they are noted for their strong growth, purity of color, large flowers, and free flowering quality; often they will produce 15 to 20 gorgeous blooms on a single spike, and each flower 4 to 5 inches across. No Orchid can be more beautiful. The Gladioli requires no special attention, only to be kept free of weeds, and like all plants, to be watered in periods of protracted drought. The foliage is singularly resistant to insects and blights of all kinds.

They require no nursing, no special feeding, no spraying and dusting with insecticides. They make no demands; they ask no favors; they challenge your admiration and win your love solely on their merits.

The first reason why you should give the Gladioli a place in your garden, is the certainty of success, with minimum care and labor. The second and more important reason, is the pleasure that you, and not only you, but your friends as well, will derive from them. As a garden flower it is useless to compare them with other flowers, because they are so unlike, so individual, and the qualities so peculiarly their own. They have justly been called "The People's Flower." "The Glory of the Garden."

From illustrations and descriptions given you may know the form of these wonderful blooms; to obtain even a fair conception of their beauty you must bring them into bloom in your own garden, where you can watch them daily unfold their exquisite combinations of color, unexpected arrangements and markings, until you wonder at the limitless ingenuity of Nature.

If you have never grown Gladioli, try at least a few of them this season. We assure you from then on you will never willingly be without them.

For cutting purposes there is no flower that will compare with the Gladioli. Beautiful as it is in the garden, it is even more beautiful when cut and tastefully arranged for interior decorations. Cut when the first bud blossoms, and given fresh water daily; it will open every bud to the last one, and this will be as beautiful as the first. As the lower flowers wither they should be removed, which is easily done by a gentle pull. As the lower buds open first the symmetry of the spike is preserved to the last; the result is a succession of fresh flowers every day for a week or longer from the same spike. Now is the time to plan your garden, and we sincerely trust that in those plans Gladioli will have a place, because we know how rich will be the returns in beauty and enjoyment you will reap throughout the season. These alone are sufficient reasons why you should grow Gladioli. Plant Gladioli—beautify your home—your yard, your garden, your farm—where beauty and grandeur prevail, wealth abides.

CULTURE The Gladiolus will grow and bloom in almost any kind of soil, if it can have full exposure to the sun; it requires no fussing over. It is free from disease and insects. It will stand more dry weather than most flowers; it will even survive outright neglect, returning good for evil by its wonderful blooms. The easiest and most common method of planting is to prepare the bed in the fall by covering it well with manure, spading it in to the depth of 8 or 10 inches. If prepared in the spring use well rotted manure. Plant about May 1st, the large bulbs in rows, from 12 to 18 inches apart, and from 4 inches to 6 inches apart in the row, and about 4 inches deep. Plant the bulbets in the same manner, only an inch or so apart in the row, and about 2 inches deep. Cultivate them well once a week, and with an ordinary amount of moisture they should begin blooming within 60 to 70 days after planting, and continue until killed by frost.

Groff's Hybrids These fine hybrids are the perfection of Gladioli. They embrace the finest colors and form: Postpaid: 5c each; 50c per doz.; \$2.00 per 100.

Giant Pink A beauty. The color is dark pink, with throat marked with dark red; large size flower of good form, growing on long spikes. Postpaid: 5c each; 50c per doz.

George Paul Crimson stained yellow, spotted with purple; immense

flowers. Very desirable for the garden. Postpaid: 5c each; 50c per doz.

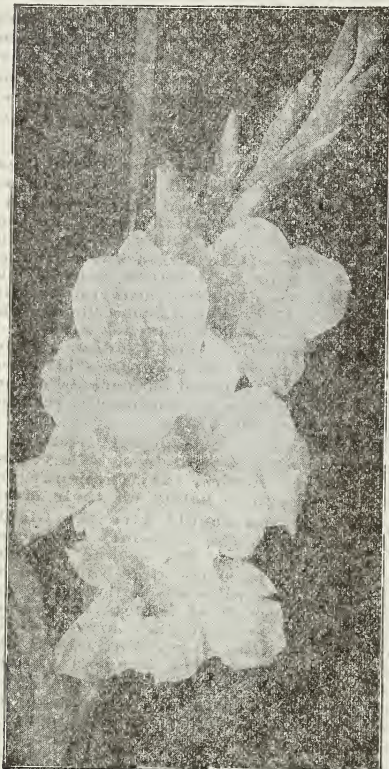
Halley The predominating color of these flowers is delicate salmon pink, with a slight roseate tinge, though the lower petals bear a creamy blotch, with a stripe of bright red through the center, the whole producing a delightful effect. Postpaid: 8c each; 75c per doz.; \$4.00 per 100.

Isaac Buchanan A very fine yellow; a pretty shade and good for cutting. The flowers all open at the same time. Postpaid: 8c each; 75c per doz.

Ida Van A beautiful deep salmon red, or flaming orange-pink, very rich color. This is one of the best Kunderdi type of Orchid or ruffled flowered Gladioli. Fine for cut flowers. Postpaid: 10c each; \$1.00 per dozen.

Independence Rich, deep pink with markings of dark red. A very tall and strong grower of great substance. Fine for cut flowers. Postpaid: 10c each; \$1.00 per dozen; \$6.00 per 100.

Jean Dieulafoy Creamy white, stained with maroon. The buds on the stalk will open after cutting and the flowers are very large. Postpaid: 10c each; \$1.00 per dozen.



Gladioli Europa

America This is one of the finest varieties for cutting or bedding ever sent out. The color is a beautiful soft pink, orchid-like in its coloring and texture. Postpaid: 5c each; 50c per doz.

Augusta A lovely flower, with its pure white blooms and blue anthers. Very useful in floral work. Postpaid: 5c each; 50c per doz.; \$2.00 per 100.

Alice Carey One of the best whites; it has delicate purple lines in throat. Splendid for cutting purposes. Postpaid: 8c each; 60c per doz.; \$5.00 per 100.

Black Beauty Novel. The flower is a very deep red, shaded with black; large and very early. Postpaid: 6c each; 60c per doz.; \$3.00 per 100.

Brenchleyensis The most attractive vermillion scarlet flower. Is a fine late, large bloomer. A very desirable sort for massing in one-color beds. Postpaid: 5c each; 50c per doz.; \$2.00 per 100.

Baron J. Hulot This is the only true blue Gladioli. Its color makes it invaluable, and if planted with Niagara or Klondike the combination is fine. Postpaid: 6c each; 65c per doz.; \$5.00 per 100.

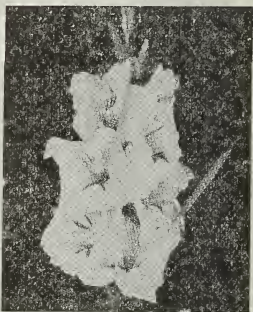
Columbia Light orange scarlet, blotched and penciled with bluish purple. A very attractive flower. Postpaid: 6c each; 65c per doz.; \$3.50 per 100.

Cracker Jack A large flowering variety. The color is a rich dark, velvety red; the throat is spotted with maroon and yellow. Very suitable for beds or groups. Postpaid: 5c each; 50c per doz.; \$2.00 per 100.

Easter "MME. LEMONIER." Very pretty; pure white, tinted with lemon, with a crimson blotch. Postpaid: 5c each; 50c per doz.



Gladioli Panama



Gladioli Kunderdi

Europa This is considered to be the best white Gladioli up to date, having the largest individual blooms, which are pure snowy white. Postpaid: 10c each; \$1.00 per doz.

Electra An early bloomer, with large flowers on long spikes. Fine for cutting or border. Postpaid: 5c each; 50c per doz.

Embossed Yellow "NEW." Large round, open blooms of soft, creamy yellow. A red blotch extends from the throat, through the middle of which is a raised line of yellow. Very long spikes, with 10 to 14 blossoms. Postpaid: 10c each; \$1.00 per doz.

Golden King A brilliant golden yellow with intense crimson blotch in throat, giving a magnificent effect; flowers well opened and well set on a very graceful spike. Postpaid: 10c each; 60c per doz.

Glory of Kunderdi Large, creamy white flowers, with a crimson stripe in the center of each petal, and the end of each petal is ruffled. Postpaid: 10c each; \$1.00 per doz.

Klondike A strong, vigorous, early blooming variety with large round primrose yellow flowers, with crimson throat. Very handsome. Postpaid: 6c each; 50c per dozen; \$2.50 per 100.

Lily Lehman This is one of the newer types. The flowers are produced around the stem like lilies, and the color is white with bluish tint. An exceedingly pretty Gladioli. Postpaid: 10c each; \$1.00 per dozen; \$6.00 per 100.

Mrs. James Lancashire "Fairy." Large splendid cream color, shading to salmon pink, carmine stripe on lower petals; many of the blooms do not have this stripe. Extra early. Postpaid: 6c each; 50c per dozen.

Mrs. Francis King A striking shade of light scarlet or flame color, very effective large flowers on long spikes. Postpaid: 6c each; 50c per dozen; \$2.50 per 100.

Mrs. H. Beecher A very pretty flower. The color is a rosy crimson, with conspicuous white blotch on the throat. Postpaid: 10c each; \$1.00 per dozen.

Metropolitan A Gem. The flowers are of the largest size. The color light crimson with a deep cherry throat, edged with salmon pink, the whole being striped with crimson, very attractive. Postpaid: 10c each; \$1.00 per doz.

Michigan A splendid Gladioli with large round blooms of pinkish scarlet, correctly placed on long spikes, one of the best. Postpaid: 10c each; \$1.00 per dozen.

Mrs. Frank Pendleton It is conceded by all experts that this is one of the finest yet produced. The flowers are of largest size, borne on strong straight spikes. Its color is a lovely salmon pink, with brilliant deep red blotches in the throat. Rivals in color many of the finest Orchids in its richness every way. Postpaid: 10c each; \$1.00 per dozen.

Niagara A charming variety with all the good qualities of America. The color is a very delicate crimson yellow, tinged with rose-pink in the throat, and penciled with carmine. Postpaid: 10c each; \$1.00 per dozen.

Panama A favorite amongst the higher grades of Gladioli. It is of perfect form, large size, and the color is a rich rose pink. Nothing better. Postpaid: 10c each; \$1.00 per dozen.

Perfection Bright clear pink with heavy spikes, and large blossoms of good substance. Excellent for cutting. Postpaid: 10c each; \$1.00 per dozen.

Pink Beauty A very fine variety of good form and substance. The color is a pretty shade of pink, well borne on strong spikes. A very desirable sort. **Postpaid: 10c each; 1.00 per dozen; \$6.00 per 100.**

President Taft A delicate pink, shaded darker at the edges with red blotch, and lighter line through each petal. The bulb, spike and flower are of large size. **Postpaid: 10c each; \$1.00 per dozen.**

Principine A fine flower of bright red color with pure white blotches on lower petals, one of the truly grand blooms, of large size and good form. **Postpaid: 10c each; \$1.00 per dozen; \$6.00 per 100.**

Princeps A large, wide open, very handsome Amaryllis-like flower of a rich dazzling scarlet marked white on the lower portion, which serves to intensify the brilliancy of the scarlet. **Postpaid: 10c each; \$1.00 per dozen; \$6.00 per 100.**

Peace Immense pure white flowers with a touch of carmine on lower petals, borne on tall, graceful spikes, unsurpassed for cutting. It is indeed a beautiful and refined flower. **Postpaid: 10c each; \$1.00 per dozen.**

Rouge Torch This is a new and attractive Gladioli. The color is a pretty shade of vivid red. The blooms are of good size and form. Fine for cutting. **Postpaid: 10c each; \$1.00 per dozen; \$6.00 per 100.**

Scarsdale Large pinkish lavender of good form, very useful for cutting. **Postpaid: 10c each; \$1.00 per dozen.**

Snowbank This very pretty Gladioli is white with a red stain at the base of the petals. Very attractive and fine for cutting. **Postpaid: 10c each; \$1.00 per dozen.**

Shirley A very pretty early flowering variety with bright rosy pink blooms, with a very dark blotch edged yellow, with a white line on each petal. **Postpaid: 10c each; \$1.00 per dozen.**

Taconic A very attractive Gladioli. The color is a bright lively pink, flecked and striped with shades of the same color. **Postpaid: 10c each; \$1.00 per dozen.**

Pink Perfection This magnificent imported variety has attracted great attention amongst Gladiolus growers. The color is a soft apple blossom pink, with a chamois suffusion that is very pleasing. **Postpaid: 10c each; \$1.00 per dozen.**

Velvet King A very attractive flower of large size, of rich velvety red color, resembling Brenchleyensis, fine for cutting. **Postpaid: 8c each; 75c per dozen.**

Victory An exceptionally fine flower on tall straight spikes, color delicate sulphur yellow, the ends of the petals slightly suffused with pink. Very desirable for cutting. **Postpaid: 8c each; 75c per dozen.**

War This is one of the finest of the newer Gladioli. The flowers are very large and well grown on long stems. The color is a deep blood red, shaded crimson black. A very handsome variety. **Postpaid: 10c each; \$1.00 per dozen.**

W. R. Burt This pretty Gladioli, of fine cerise color, stained with lilac, finely spotted with white lines through each petal. The flowers are large and fine for cutting. **Postpaid: 10c each; \$1.00 per dozen.**

White Excelsior The flowers are pure white with a delicate carmine thread in the throat. The blooms are medium to large on long spikes, a very vigorous grower. **Postpaid: 10c each; \$1.00 per dozen.**

Willy Wigman An elegant and large flowering Gladioli of a pink creamy white, with a distinct crimson blotch. A very pretty variety. **Postpaid: 10c each; \$1.00 per dozen.**

Burton's Quality Mixture Contains a large range of color. Some of the standard types, combined with a large number of the newer varieties, makes this mixture one of the most satisfactory for the price. There is absolutely no comparison between this mixture, and those offered at lower prices as we grow our own bulbs, and have over 50 varieties to select from. **Postpaid: 40c per dozen.**

Burton's Seed Topics and Price List

SEED TOPICS—Beginning February 1st, we will resume issuing "Burton's Seed Topics and Price List" combined, which will be mailed to any one free of charge upon request, with a view of keeping our wares and prices before the buying public and at the same time keep the buying public posted on prices and conditions. A postcard will bring it. Write today.

Garden Peas, Alfalfa, Clovers and all kinds of Grasses are very scarce and high priced this season, not nearly half enough of any of these on hand and available to supply the usual demand. The situation is very serious and only those who order early will be sure of a supply.

PRIZE PRODUCTS FROM BURTON'S SEEDS

Mr. A. P. Morgan purchased his seeds from us last spring. His results are reflected in the records he made at the Logan County Fair, held at Sterling, Colorado, last summer.

Twenty-one First Prizes, Eight Second Prizes and Two Third Prizes is the record attained by this customer of ours.

In addition to the above Mr. Morgan was awarded a prize for having the best display of farm products by a single individual, and he won prizes for special displays of Jewish Corn, Yorkshire Peas, Pride of Logan Peas, Stock Peas, Black-Eyed Peas, Red Kidney Beans, Windsor Beans, Sludstrup Beets, Flax, Lemon Cucumbers and Sheaf of Rye.

He was also awarded second prize for his excellent display of wild grasses.

Mr. Morgan's success shows what can be done with our seeds in a dry climate. Any grower can do the same with proper cultivation and soil if our seeds are used.

Mr. Morgan says to us in his letter: "I get most of my seeds from you. I thought you might be interested in how I came out at the Logan County Fair. I made 56 entries and got 45 premiums. How is that for Burton's seeds?"

(Signed) A. P. MORGAN.

IT PAYS TO PLANT BURTON'S SEEDS

Who Is the Producer?

The high cost of living can be attacked from two sides. One plan of campaign is to live economically, eliminating things that bring on high cost through high living. The other calls for consistent work to produce more in order that there may be no basis for higher living costs. So far as The Montana Farmer is able to determine, there is no widespread endeavor on the part of the American public to act sensibly in either direction, but if such an effort is being made, then it is being made in the country and not in the cities.

Consider Montana's situation. Merchants report steady buying of high-priced goods. To be sure, there is nothing else to be had. The wool that was sold off the Montana farms and ranches for fifty cents a pound emerges in a suit for which Mr. Farmer must pay fifty or seventy-five dollars, for if he is to be as well-dressed as the man he meets in town. Mrs. Farmer, when she goes into a store to look at a suit, is shown the latest styles at around ninety or a hundred dollars. If she insists that something cheaper is necessary to fit the family budget, she meets the superior air of a clerk who considers it beneath her to show what the customer wants. In the cities and towns, workmen have received increased pay—not enough to counterbalance the advances, they say, but still enough to afford the spectacle of packed crowds on sidewalks waiting their turn before almost any moving picture show-house in the state.

There seems to be a steady movement toward decreased production and increased consumption, everywhere off the farms of the land. Organized labor in Butte is talking of a six-hour day and a five-day week—decreased production. Steps taken by labor in one community are swiftly followed elsewhere. But the buying continues.

We are all familiar with the story of the farms. The farmer rises before dawn to do the chores. He and his helpers accomplish what would be a half-day's work in town before breakfast in order to clear the way for a good day's work in the fields. After field work, come more chores, cutting

into the evening, then bed. Thus far there has been no organized effort on the part of the farmers to cut down on production. But when the farmer snatches time to pick up his paper, and reads predictions of lower prices on farm products; reads comments based on a belief that once "farm prices come down," the cost of living will be reduced in the cities, it gives him something to think about. He is the one man in the land who is striving to increase production, hoping thereby to throw on the market enough to pull himself out of debt. He finds the rest of the world rooting for him, in the hope that he will produce enough to knock the bottom out of his own market, in order that they may buy more cheaply with the proceeds of their six-hour days and five-day weeks.

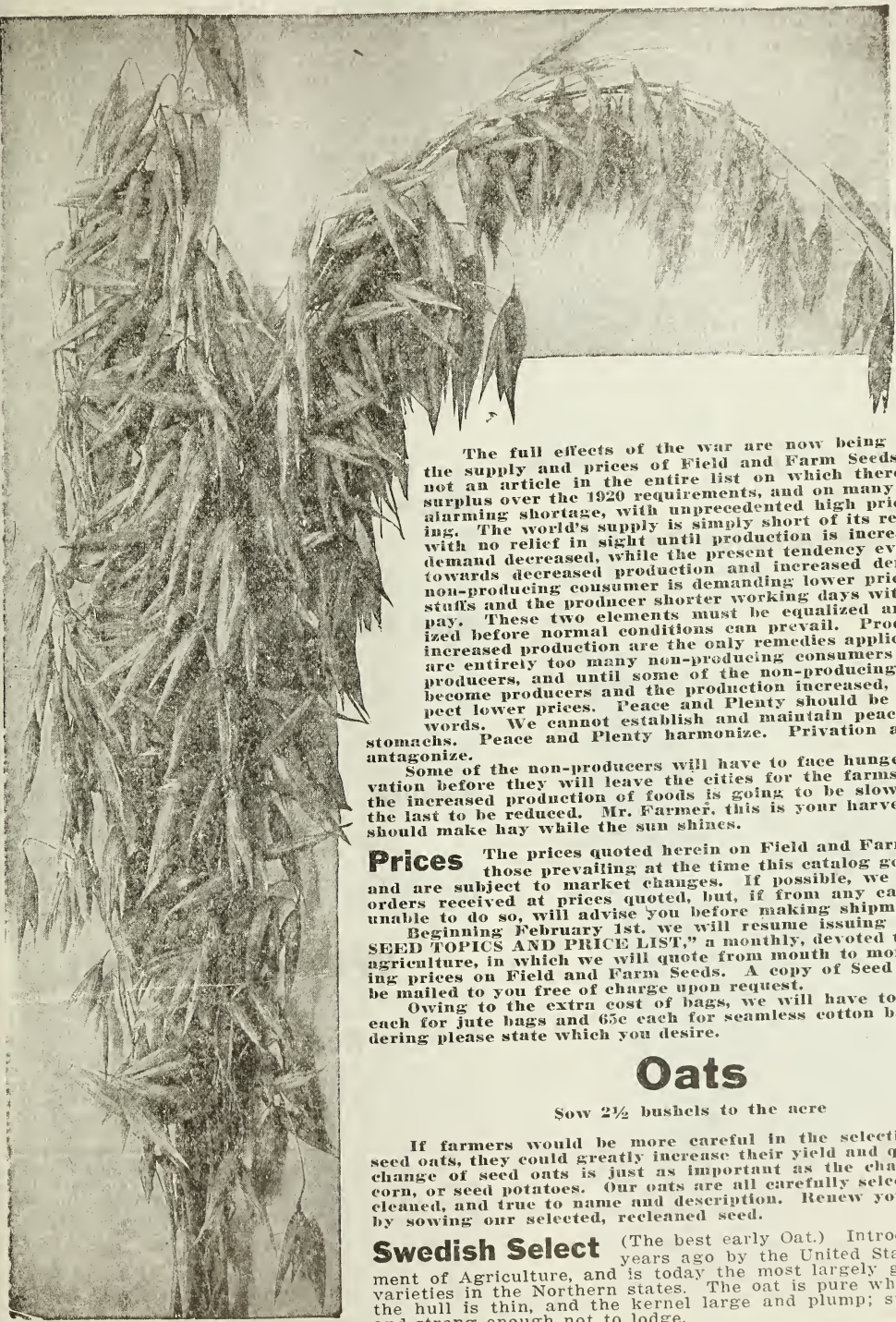
The average farmer is not passing the buck to some one else to come through with enough to permit him to meet advancing living costs. All he asks is a price that will let him produce, even if it takes a twelve-hour day to do it in.

It takes infinitely more to make the average family contented than it took ten years ago. Some one has to put up for the higher standards of living. The workman isn't contributing appreciably toward it when he cuts production.

The tendencies on the farm and in the city are not the same. If the workers in the cities would strive for production as do the workers on the farms, the problem would be solved. But possibly, as labor contends, that would be putting too much of a burden on labor. It may be that the farmers will have to join the vicious, cost-boosting circle, and cut down production in order to force and hold prices up, before it will be demonstrated to the world that the present tendencies are not sane, and lead away from rather than toward a solution of the difficulties.—The Montana Farmer.

The above article from The Montana Farmer is so true and pertinent to present-day conditions that we secured permission to reproduce it in our catalog for the benefit of its readers.

FIELD AND FARM SEEDS



The full effects of the war are now being reflected in the supply and prices of Field and Farm Seeds. There is not an article in the entire list on which there will be a surplus over the 1920 requirements, and on many there is an alarming shortage, with unprecedented high prices prevailing. The world's supply is simply short of its requirements, with no relief in sight until production is increased or the demand decreased, while the present tendency everywhere is towards decreased production and increased demand. The non-producing consumer is demanding lower prices for food stuffs and the producer shorter working days with increased pay. These two elements must be equalized and harmonized before normal conditions can prevail. Production and increased production are the only remedies applicable. There are entirely too many non-producing consumers to the real producers, and until some of the non-producing consumers become producers and the production increased, can we expect lower prices. Peace and Plenty should be our watchwords. We cannot establish and maintain peace on empty stomachs. Peace and Plenty harmonize. Privation and Hunger antagonize.

Some of the non-producers will have to face hunger and starvation before they will leave the cities for the farms; therefore, the increased production of foods is going to be slow and prices the last to be reduced. Mr. Farmer, this is your harvest, and you should make hay while the sun shines.

Prices The prices quoted herein on Field and Farm Seeds are those prevailing at the time this catalog goes to press, and are subject to market changes. If possible, we will fill all orders received at prices quoted, but, if from any cause, we are unable to do so, will advise you before making shipment.

Beginning February 1st, we will resume issuing "BURTON'S SEED TOPICS AND PRICE LIST," a monthly, devoted to seeds and agriculture, in which we will quote from month to month prevailing prices on Field and Farm Seeds. A copy of Seed Topics will be mailed to you free of charge upon request.

Owing to the extra cost of bags, we will have to charge 25c each for jute bags and 65c each for seamless cotton bags. In ordering please state which you desire.

Oats

Sow 2½ bushels to the acre

If farmers would be more careful in the selection of their seed oats, they could greatly increase their yield and quality. The change of seed oats is just as important as the change of seed corn, or seed potatoes. Our oats are all carefully selected and re-cleaned, and true to name and description. Renew your seed oats by sowing our selected, re-cleaned seed.

Swedish Select (The best early Oat.) Introduced a few years ago by the United States Department of Agriculture, and is today the most largely grown of all varieties in the Northern states. The oat is pure white in color; the hull is thin, and the kernel large and plump; straw it stiff and strong enough not to lodge.

A remarkable root development makes the Swedish Select Oat a good drought resister, and especially suited to high land. It is the earliest of the heavy yielding sorts, and we recommend it as one of the best for this territory. By freight or express at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 25 lbs., \$2.00; 100 lbs., \$6.00.** If ordered sent by Parcel Post add 5c per pound for postage.

New Market One of the earliest oats; of vigorous growth, producing a heavy crop of both straw and grain. The grain is white, heavy, large and plump, very thin skinned, and of superior feeding quality. The straw is long and strong, standing unfavorable weather well. It is a branching variety; ripens early. By freight or express at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 25 lbs., \$2.00; 100 lbs., \$6.00.** If ordered sent by Parcel Post add 5c per pound for postage.

New Kherson These oats came from Russia, where they are known as the best extra early yielding oats. The Kherson oats are from two to three weeks earlier to ripen than ordinary varieties. The plant is a vigorous grower, but not as tall as later varieties, hence not as liable to lodge. The leaves are broad, and extend nearly to the roots. The straw makes unusually good fodder, and is readily eaten by all kinds of stock. The Kherson is especially adapted to short seasons, and dry localities, as it always makes a crop whether the season is wet or dry. It is bug-proof and rust-proof. The only objection to the Kherson is its yellow color, which injures its value to some extent for market purposes, but for short seasons, dry localities and sureness to make, it has no equal. By freight or express at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 25 lbs., \$2.00; 100 lbs., \$6.00.** If ordered sent by Parcel Post add 5c per pound for postage.

Treatment for Smuts

USE FORMALDEHYDE SOLUTION 40% VOLUME
TREATMENT FOR SMUTS LISTED IN TABLE BELOW

Grains	Kind of Smut	How long to soak in solution
Wheat	Punt or Stinking Smut.....	10-20 min.
Barley	Closed Smut	10-20 min.
Oats	All kinds	10-15 min.
Millet	All kinds	40-60 min.
Sorghum	Kernel Smut	10-20 min.
Rye	Stem Smut	10-15 min.

NOTICE: All grain should be thoroughly fanned before treating. If you have not a fanning mill, you should use the *open tank method* described below for treatment of wheat infected with bunt, and skim off smut balls.

Use one of three methods: (1) *Soaking Method.* Clean grain thoroughly. Dip loosely filled sacks in solution, drain, pile grain and cover with sacks, soaked in solution, not less than 6 nor more than 12 hours. Spread out in thin layer and dry thoroughly. Until perfectly dry, treated seed is somewhat swollen. If planted in this condition, the seeder must be set to allow more seed per acre. Do not let treated seed freeze or sprout. Treated grain may be kept indefinitely, if thoroughly dried and protected from further contamination. Storage sacks and bins should be treated with formaldehyde solution. (2) *Sprinkling method.* Spread grain on clean floor, wagon bed or canvas. Sprinkle solution over grain as it is being shoveled around. Pile and cover as under soaking method. Dry; plant immediately or store in clean sacks or bins treated with formaldehyde solution. (3) *Open tank method.* Grain containing smut balls must be poured loose into solution. Stir thoroughly and skim off smut balls. Soak for length of time given in table. Remove grain, cover as directed above; then dry thoroughly.

Corn smut and loose smut of wheat and barley are not controlled by above treatments.

Write to Extension Department, Colorado Agricultural College, Fort Collins, or to your County Agent for further information.

Spring Wheat

Sow 60 to 75 pounds per acre; on dry land, 40 to 50 pounds.

New Marquis Wheat This new variety of spring wheat is the marvel of the West. It ripens about 10 days earlier than any other variety, and yields from 5 to 10 bushels more per acre. The berry is a deep amber in color, short, wide and deeply creased. Threshes out 60 to 65 pounds to the bushel, and is superior to any variety yet grown in quality of grain, milling properties, size of yield and earliness. The straw is short, and the quickness with which it comes to maturity insure a crop in localities, and under conditions where other varieties would fail. It is not only the surest and best yielder under irrigation, but the late government reports show it to be the best also in non-irrigated districts, as it seems to be hardy in every respect. It was produced by crossing the early Red Fife and the Early India Wheat, Red Calcutta, at the Experiment Farm, Ottawa, Canada. This is the coming wheat for the Rocky Mountain District, and we cannot recommend it too highly for our farmers. By freight or express at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 25 lbs., \$2.00; 100 lbs., \$7.00.** If ordered sent by Parcel Post add 5c per pound for postage.

Defiance This wheat has been grown here for years, and has proven well adapted to both our irrigated and non-irrigated lands, and is, perhaps, grown more largely here than all other varieties. By freight or express at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 25 lbs., \$2.00; 100 lbs., \$7.00.** If ordered sent by Parcel Post add 5c per pound for postage.

Macaroni Wheat This is the dry farmer's favorite and friend. It is vigorous and hardy. Noted for its heat resisting qualities. It is fine for feeding purposes, but not so popular with the millers. By freight or express at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 25 lbs., \$2.00; 100 lbs., \$7.00.** If ordered sent by Parcel Post add 5c per pound for postage.

Blue Stem This has long been the standard, and is still unexcelled, for the Middle West. East of the mountains it is grown as a spring wheat in the drier sections, but where the winters are mild, it is sometimes seeded in the fall. Its popularity is due to its drought resistance, heavy yielding capacity, non-shattering character, and high milling value. By freight or express at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 25 lbs., \$2.00; 100 lbs., \$7.00.** If ordered sent by Parcel Post add 5c per pound for postage.

Sonora One of the earliest maturing of the spring varieties. Grains plump, soft, and very attractive. On account of its earliness and hardness it is very popular with our growers, as it usually matures before extreme hot weather sets in. Our stock this year is exceedingly nice. By freight or express at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 25 lbs., \$2.00; 100 lbs., \$6.00.** If ordered sent by Parcel Post add 5c per pound for postage.

Winter Wheat

On irrigated land sow 60 to 75 pounds per acre; on dry land, 40 to 50 pounds

Turkey Red This is the leading winter variety grown here; it is a bearded variety; very prolific, and stands the cold and drought well. By freight or express at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 25 lbs., \$2.00; 100 lbs., \$7.00.** If ordered sent by Parcel Post add 5c per pound for postage.

The cost of the best seeds is so small compared with crop results that successful planters know they cannot afford to plant inferior, unselected seeds at any price, nor can we afford to handle any but the very best.

It will pay you in the end to buy your seed from a reliable, experienced Seedsman.

We want your patronage on the basis of furnishing the best that money can buy. Won't you let us demonstrate to you our desire and ability to serve you to our mutual satisfaction?

Buckwheat

Japanese Buckwheat Entirely distinct from all other varieties. It has the advantage of remaining for some time in bloom, and produces seed earlier. On this account it can be grown further north. It resists drought and blight very well. The seed is rich dark brown in color, and larger than Silver Hull. As much as 40 bushels to the acre have been harvested of this variety, making it very profitable to raise. Buckwheat is now sold 50 pounds to the bushel. By freight or express at purchaser's expense: **Lb., 20c; 2 lbs., 35c; 25 lbs., \$2.50; 100 lbs., \$8.00.** If ordered sent by Parcel Post add 5c per pound for postage.

Silver Hull Buckwheat This valuable variety originated abroad, and is a decided improvement on the old black or gray sort. It is early, remains longer in bloom than other sorts. A fine variety for honey bees. The grain is of a beautiful light-gray color, and has a thin husk. Millers prefer Silver Hull, there being less waste, and it makes whiter, better and more nutritious flour than other varieties. Silver Hull is more productive, and the grain meets with more ready sale, bringing higher prices than the Japanese. Under favorable conditions it will yield 40 to 50 bushels to the acre. By freight or express at purchaser's expense: **Lb., 20c; 2 lbs., 35c; 25 lbs., \$2.50; 100 lbs., \$8.00.** If ordered sent by Parcel Post add 5c per pound for postage.

Barley

On irrigated land, sow 60 to 90 pounds per acre; on dry land, 40 to 50 pounds.

Western farmers are just beginning to realize the fact that barley is pre-eminently the grain crop of the West. A bushel of barley is the only grain grown that will equal a bushel of corn in feeding value. Barley can be successfully grown at an elevation of 8,000 to 9,000 feet, where 50 to 60 bushels per acre is a common yield. Barley is also well adapted to the dry land districts. It is early maturing, and ready for harvest before the extreme hot, dry weather comes.

Barley is rapidly coming into its own in this Western Country. There are so many sections of the West where corn will not mature, where wheat has depleted the soil, where oats are not adapted to the climate, soil and feed required, but where Barley thrives and produces good crops. Barley is no longer an experimental or questionable crop in any portion of the farming sections of the West. It has been repeatedly demonstrated beyond a question of doubt that it will produce a crop anywhere and under any conditions that will produce corn, and in many sections and under many conditions that will not grow corn.

We have known of fairly good crops being harvested on non-irrigated land with but little moisture from time of sowing until harvested, when it did not grow as much as 12 inches high, but matured a good crop of grain, and we have known of 60 bushels per acre being grown at an elevation of over 8,000 feet. Barley is recognized by all feeders who have fed it to be equal to corn, pound for pound, in feeding value, and when these facts become generally known Barley will be as universally grown in Colorado as corn is grown in Kansas and Nebraska.

There are several varieties of Barley. All containing high feeding value. The White Hulls or Bald Barley is the most popular and perhaps the best all purpose variety. It is Beardless and Hullless, and when threshed is similar to wheat in appearance. It is the variety grown most largely for feeding hogs, as it can be fed whole or ground. The Blue Bald Barley is the same as the White Hulls, except in color, which is blue instead of white, and some who have grown it consider it more hardy.

The Six Row Scotch is the favorite for brewing purposes, but is also an excellent feed when ground. The California or Feed Barley is the variety most largely grown for hay, but when permitted to mature yields a large quantity of grain equal to any of the others in feeding qualities. The latest and most popular of all the Barleys is the Success Beardless, in appearance and growth it is very similar to the brewing and feed Barleys, but is

entirely without the troublesome beards which, when fed unground, is so injurious to stock. It is as hardy and prolific as any of the other Barleys, and adapted to both high and low altitudes, irrigated and non-irrigated districts. Barley is destined to become the staple grain crop of the West, especially in the mountainous districts, where from 50 to 60 bushels per acre is an average yield, and this can be produced more cheaply and with more certainty than a corn crop in Kansas and Nebraska, and will enable our mountain farmers to compete with these states in the production of pork. Grow Barley, Mr. Hogman, and get in the easy money class. Sow 60 to 80 pounds per acre on irrigated land and 40 to 60 pounds per acre on dry land. It should be sown as early in the spring as possible, but can be sown later than wheat and still produce a good crop. If you are buying grain for your stock, by all means sow some Barley. It is a money maker and a money saver.

California or Feed Barley

This is the barley that is grown so largely here for feed purposes, making good hay when cut before fully maturing, and grain that will equal corn in feeding qualities when permitted to mature. It is very hardy and drought resistant, often yielding 50 to 60 bushels per acre on non-irrigated lands, where other grains would fail completely. This is one of the sure grain crops for the West, where it will yield as many bushels per acre as corn yields in Kansas and Nebraska. By freight or express at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 10 lbs., \$2.00; 100 lbs., \$6.00.** If ordered sent by Parcel Post add 5c per pound for postage.

Success Beardless Barley

This appears to be a combination of the California Feed and Brewing barleys, having been improved until it is beardless, and much earlier than either of its predecessors. It is a great acquisition to the grain crops; can be successfully grown in both the non-irrigated and mountain districts of the West. It is hardy, early, and a heavy yielder, and with its freedom from the troublesome beards, make it the surest and best grain crop for the West. When our farmers once realize the real



White Hulls or Bald Barley

value of barley, it will be our principal grain crop. A bushel of barley is equal to a bushel of corn for stock feeding purposes; even an acre of our mountain land will produce as many bushels of barley as an acre of Kansas or Nebraska land will produce corn, and with much less trouble and expense. **MR. HOGMAN, GROW BARLEY. IT WILL ENABLE YOU TO COMPETE WITH KANSAS AND NEBRASKA IN PRODUCING HOGS.** By freight or express at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 10 lbs., \$1.00; 100 lbs., \$6.00.** If ordered sent by Parcel Post add 5c per pound for postage.

Improved White Hulless or Bald

Barley It is **HULLESS, BEARDLESS**, very early; equals corn for feeding purposes. Bald barley is the only grain grown here that equals corn in feeding qualities. It is very early, maturing in from 80 to 90 days from planting, even at altitudes of 8,000 to 9,000 feet. It is vigorous, and, on good soils, yields from 60 to 80 bushels per acre. It is especially suitable for cultivation without irrigation, and will make a crop where wheat and other grains would fail. For a sure crop, and best substitute for corn, sow **White Hulless, or Bald Barley**. If interested, ask for samples and special prices. By freight or express at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 10 lbs., \$1.00; 100 lbs., \$7.00.** If ordered sent by Parcel Post add 5c per pound for postage.

Blue Bald Barley This is the same as the **White Hulless Bald Barley**, only the grain is blue instead of white. The **Blue Bald Barley** is considered more hardy than the white; is especially adapted to the mountains and short season districts, where it grows to perfection. Our stock was grown in the mountains at an elevation of between 7,000 and 8,000 feet, therefore is acclimated. For the earliest quick maturing Barley, try our **Blue Bald Barley**, the yield per acre will equal that of corn in Kansas and Nebraska, and its feeding value equals that of corn, pound for pound. By freight or express at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 10 lbs., \$1.00; 100 lbs., \$6.00.** If ordered sent by Parcel Post add 5c per pound for postage.

Rye

On irrigated land, sow 60 to 80 pounds per acre; on dry land, 30 to 40 pounds.

In ordering spring or fall rye, please note that we supply these as spring or fall, as they are supplied to us, but we cannot guarantee them to be such, as it is impossible to determine the variety from the appearance of the seed.

Spring Rye Spring rye makes an excellent crop where winter grain has been killed or blown out, or for sowing where a fall crop has not been planted. It is sown largely for early pasture, and is often cut for hay. Sow seed same time as other spring grain. It does not grow quite as large straw as Winter Rye, but usually yields as well, and the grain is of fine quality. By freight or express at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 100 lbs., \$7.00** If ordered sent by Parcel Post add 5c per pound for postage.

Fall or Winter Rye This is the hardiest of any of the fall grains, and can be grown on a greater variety of soils. It will thrive in dry seasons and on light, sandy soils. It is grown for grain, for hay, for pasture and for plowing under for soiling purposes. There is no grain crop that produces as much and as good pasture as Fall Rye. If sown in August makes fine fall and winter pasture. In the spring sow about 5 pounds of Dwarf Essex Rape per acre on the rye and harrow it in. The Rape will continue the supply of green pasture after the rye is gone. Fall Rye may also be sown in the spring, when it makes splendid summer pasture, as it will not go to seed as does the spring rye. Only those who have actually grown Fall Rye know its merits. By freight or express at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 100 lbs., \$7.00.** If ordered sent by Parcel Post add 5c per pound for postage.

Rosen Rye A Winter Rye of recent introduction and is becoming very popular amongst growers of Winter Rye; it is said to yield more grain; stools more; and is hardier

than the older types of Winter Rye. We have only a limited quantity. By freight or express at purchaser's expense: **1 lb., 15c; 2 lbs., 25c; 10 lbs., \$1.00; 100 lbs., \$7.00.** If ordered sent by Parcel Post, add 5c per pound for postage.

Speltz or Spring Emmer

Sow 40 to 50 pounds per acre on non-irrigated land; 60 to 80 pounds on irrigated.



Spring Emmer

Speltz combines the qualities of wheat, oats, rye and barley. Will thrive and make a crop on land, and under conditions where these would fail. Speltz is recognized as the best balanced stock food of any of the grains, and is greedily eaten by all stock in preference to other grains. It is early maturing, and especially adapted to the arid districts of the West, good crops of it being grown yearly in that vast territory of rich soil in the Eastern portion of Colorado, that was so long considered fit only for grazing purposes. Its earliness and hardness enable it to mature before the hot, dry weather comes on. It is a heavy yielder, often producing 75 to 100 bushels per acre under favorable conditions. It is the Dry Lander's best and surest grain crop for stock feeding purposes. By freight or express at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 10 lbs., \$1.00; 100 lbs., \$6.00.** If ordered sent by Parcel Post add 5c per pound postage.

Improved Winter or Black Emmer

The New Improved Winter Emmer seems to be almost as hardy as winter rye, and is one of the best drought and cold resistant winter grains. It will grow anywhere that Winter Wheat can be produced, and it requires the same kind of treatment and soil. This grain has a large stooling power; we advise planting at the rate of 40 pounds per acre. Sow in September or October so the grain will come up, and get a start before freezing weather sets in. When the sea-

son is short sow earlier than where it is long. If you irrigate, give the grain a good irrigation before it goes into winter. Don't be discouraged if it looks thin on the ground in the early spring, as it makes good recovery after growth begins. By freight or express at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 10 lbs., \$1.00; 100 lbs., \$7.50.** If ordered sent by Parcel Post add 5c per pound for postage.

Flax Seed

Flax is the best and most profitable crop for sod or new lands, growers frequently realizing more from flax on sod than from wheat on old ground. Sow early, as soon as possible after danger from frost has passed. To raise seed, sow one-half bushel per acre; for fibre, one bushel. By freight or express at purchaser's expense: **Lb., 20c; 2 lbs., 5c; 10 lbs., \$1.60; 100 lbs., \$15.00.** If ordered by Parcel Post add 5c per pound for postage.

Millet

Siberian or Russian Millet This new Russian Millet is said to be superior to any of the other varieties, in that it is earlier, more hardy, rust-proof, and less liable to damage by insects. It is an extremely heavy cropper; stalks tall, and of finer qualities than any other sorts. By freight or express at purchaser's expense: **Lb., 15c; 2 lbs., 5c; 25 lbs., \$8.00; 100 lbs., \$6.00.** If ordered sent by Parcel Post add 5c per pound for postage.

Common Millet This does not produce as much, or as good, hay as the other varieties, but is an old standby, and some insist upon having it. By freight or express at purchaser's expense: **Lb., 15c; 2 lbs., 5c; 25 lbs., \$2.00; 100 lbs., \$6.00.** If ordered sent by Parcel Post add 5c per pound for postage.

Manitoba or Hog Millet This has become one of the most valuable dry land crops the farmer can grow, the seed being one of the richest and most valuable Hog Foods that can be produced, while the hay is very valuable for stock.

A valuable peculiarity of Hog Millet is that seeds ripen while the hay is yet green, which, if cut at the proper time, can be threshed for seed, while the hay makes excellent fodder after being threshed. By freight or express at purchaser's expense: **Lb., 15c; 2 lbs., 5c; 25 lbs., \$2.00; 100 lbs., \$6.00.** If ordered sent by Parcel Post, add 5c per pound for postage.

Liberty Millet This is one of the best forage plants grown in this country. Under ordinary conditions will produce from 4 to 5 tons of hay per acre, and from 50 to 75 bushels of seed. When sown early, it leaves the ground in splendid condition for wheat. By freight or express at purchaser's expense: **Lb., 15c; 2 lbs., 5c; 25 lbs., \$2.00; 100 lbs., \$6.00.** If ordered sent by Parcel Post add 5c per pound for postage.

Dwarf Essex Rape

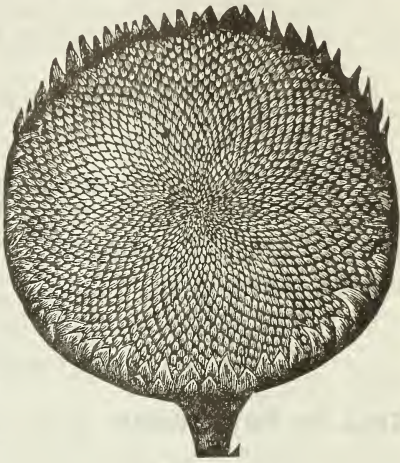
Sow 3 to 5 pounds per acre

With the exception of Alfalfa, Dwarf Essex Rape is the most valuable forage plant that has been introduced into the United States. One acre of Dwarf Essex Rape will pasture more hogs, cattle and sheep than six acres of clover or grass. As a healthy, fattening food, it has no equal. It stands without a rival in point of cheapness and feeding qualities. It is an annual, bearing a close resemblance in leaf and stalk to the rutabaga, but both leaves and stalk are more numerous in the rape plant, and of taller habit of growth. It is a pasture plant, readily eaten by all kinds of live stock, especially suitable for pasture for sheep, cattle and hogs. A good crop will produce at least twelve tons of green food to the acre, and its nutritive value is twice that of clover. One acre of well grown rape will supply pasture for 10 to 20 head of sheep for two months, and in that time will fatten them in good shape for market. Dwarf Essex Rape thrives best on a good soil, rich in vegetable matter. Slough lands are excellent. Plow the ground same as for turnips, and sow 5 pounds per acre broadcast; when sown in rows, say 30 inches apart, and cultivated, 2 pounds per acre will be enough. By freight or express at purchaser's expense: **Lb., 25c; 2 lbs., 45c; 10 lbs., \$2.00; 100 lbs., \$18.00.** If ordered sent by Parcel Post add 5c per pound for postage.

Mammoth Russian Sunflower

10 to 20 pounds will plant an acre

The Sunflower, like Sweet Clover, is just coming into its own, and is fast coming into prominence for ensilage purposes, as recent experiments have demonstrated it is one of the best forage plants we have for ensilage. The seeds are relished by the horses; are also considered one of the best producing foods for poultry. It is primarily a dry weather plant. The actual limit of production, as far as soil requirements are concerned, have not yet been fully determined. Apparently it has as wide adaptation, or wider, than any other annual Western crop. It is not as resistant to excess alkali as such crops as Sugar Beets, Mangels and Rutabagas, yet it seems to thrive in a fair amount of alkali. The soil adaptation is very wide in other respects. In very sandy soil, it has a tendency to lodge, where the growth is rank and winds occur. It has also produced abundant crops on gumbo lands and lands that are somewhat wet. On dry land it averages from 10 to 15 tons of ensilage per acre, while 30 to 35 tons per acre is not unusual on good irrigated land. We have not yet been able to secure any authentic feeding value reports on it, and while we do not think it equal to good corn ensilage, yet it will compare favorably with Alfalfa, Sweet Clover, Pea Vines and such crops. An excellent way is to mix it with corn; this can be easily done at time of planting by alternating the rows with corn and Sunflower, or when using a two-row corn planter fill one hopper with corn and the other with Sunflower seed. We had good success by replanting our corn with Sunflowers. They mature quicker than corn and may be planted two to three weeks later and make a good crop. The seed may be planted with a corn planter or grain drill. The rows should be far enough apart to permit of cultivation. The plants should be from 12 to 18 inches apart on non-irrigated land, and 6 to 8 inches apart on irrigated land, being careful not to over-seed, as it had better be too thin than too thick. With an average yield, or 10 to 15 tons per acre on non-irrigated land, every dry land farmer should erect a silo, which would soon enable him to increase his herds and profits. The Sunflower, like Sweet Clover, is just coming into its own, and it has come to stay. The sooner the farmers familiarize themselves with these and begin to produce them, the quicker and larger will be their profits. By freight or express at purchaser's expense: **Lb., 30c; 2 lbs., 55c; 10 lbs., \$2.50; 100 lbs., \$22.50.** If ordered sent by Parcel Post add 5c per pound for postage.



Sunflower

E. E. Donaldson & Sons, Haxtun, Colo.—We have nothing but praise for your seeds and courtesies shown us in the past. We have been buying from Lincoln, Omaha and other places, but if you continue with the service as given in the past, will be glad to buy of you exclusively.

FIELD BEANS

40 to 60 pounds will seed an acre.

Beans are now considered one of our most important food crops. The Mexican or Pinto bean is a Western production, and is fast superseding other varieties for domestic use. In reality they are the best flavored, most economical bean on the market today, and will, we think, soon supplant the other varieties for table use.

The West is the home of these beans, and seems to be especially adapted to their growth. Thousands of carloads of these beans are grown and shipped from the Western states annually now, where a few years ago they were grown only for local use.

The Government is now looking to Colorado and adjoining states for its supply of beans, the same as it is looking to Iowa and adjoining states for its corn and wheat. Farmers in the non-irrigated districts should increase their acreage. They are the surest and best money crops they can grow.

White Navy This bean is being quite largely grown here now, and, as it is most extensively used for table purposes, should be grown more largely. It does remarkably well on our soil. By freight or express at purchaser's expense: **Lb., 25c; 2 lbs., 45c; 10 lbs., \$2.00; 100 lbs., \$17.50.** If ordered sent by Parcel Post add 5c per pound for postage.

Soja or Soy Beans As this bean becomes better known it grows in popularity and use. Farmers are just beginning to realize and appreciate its value. As a soil renovator it has no superior, at the same time producing a crop of beans carrying the highest per cent of protein and fat of any grain grown in the West. Its analysis shows it to be richer than oil meal and nearly as rich as cotton seed meal, and more digestible and palatable than either of them. As a forage crop it compares favorably with Alfalfa, although the hay is much coarser, but is eaten greedily by all kinds of stock. It is also splendid for ensilage, in connection with corn. It matures in about the same time as Minnesota No. 13 corn, and is often planted with the corn. Our experience in this connection has been unsatisfactory, as the corn grows the taller and usually chokes and stunts the beans, although many good growers grow them successfully together. The Soy Bean is as easily grown as any other bean. If grown for the grain it should be planted in rows so it can be cultivated, planting 15 to 20 pounds per acre. If grown for hay, sow with a drill with all outlets open, using about 60 pounds per acre. The early varieties may be sown for hay as late as the middle of July. The Ito San is the earliest variety and the one we carry. If your soil needs renovating Soy Beans will do it, and at the same time produce a profitable crop. By freight or express at purchaser's expense: **Lb., 25c; 2 lbs., 45c; 10 lbs., \$2.00; 100 lbs., \$15.00.** If ordered sent by Parcel Post add 5c per pound for postage.

White Tepary Beans The Tepary is a small, white bean of a distinct type. It resembles the ordinary White Navy bean, except it is smaller in size, with thinner skin, and is better flavored. More resistant to drought and disease, and will cook up quicker and swell more in cooking. It is one of the easiest crops to grow. With a minimum amount of rainfall and without irrigation, the vines grow vigorously and bear heavily. The vine is of medium size, with many branches, some of them bearing short runners. Leaves are small and pointed; pods small, but numerous; seed white, round-oval, and small. We believe the Tepary is by far the best, surest and most profitable bean yet discovered for sections subject to long, hot, dry spells, and scarcity of water. Plant 25 to 40 pounds per acre, according to moisture and soil. By freight or express at purchaser's expense: **Lb., 25c; 2 lbs., 45c; 10 lbs., \$2.00; 100 lbs., \$17.50.** If ordered sent by Parcel Post add 5c per pound for postage.

Dry Land Pinto or Mexican Bean

The Dry Land Pinto, or Mexican Bean, as it is generally called thruout the West, is a speckled or spotted bean (the word "Pinto" meaning spotted). For years the growth of this bean was confined

principally to Southern Colorado and New Mexico, where it was grown largely by and for the Mexicans, but of late years it has been grown in all the farming sections of the arid West, to which it has proven well adapted. DRY LAND PINTOS are becoming known everywhere. The war made them known. They are now being grown and used where none were grown and used before.

The true Pinto is larger than the Navy, and more kidney shaped. As well known as this bean is in the West, it is little known in the North and East. In these sections the Navy has been the popular favorite. There is no reason for this discrimination, as the Pinto is its equal in every way, and, in some ways, its superior. The Colorado Experiment Station says: "In food value it is practically the same as the Navy, but, being more tender in flesh, it cooks more easily. When baked the spots on it disappear, and it turns a beautiful brown color. The Pinto being rich in protein is an excellent substitute for meat. A comparison of nutritive values of common foods show one pound of Pintos at 12c per pound to be equal to 4.4 pounds raw potatoes at 3½c per pound, or 1.63 pounds of sirloin steak at 30c per pound, or 2.01 pounds round steak at 23c per pound, or 18.6 eggs at 35c per dozen, or 5 pints of whole milk at 5c per pint."

The Pinto bean has now been officially recognized by the War Department, and has been placed on equal basis with the Navy bean for army use. The Pinto is much more hardy and productive in the West than the Navy, producing nearly double the quantity, with less moisture and care.

This Great Wartime Crop offers a sure and lucrative opportunity to the arid farmers of the West to do their "Bit" in producing the very best substitute for meat. GROW MORE PINTOS. SAVE MORE MEAT. By freight or express at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 10 lbs., \$1.10; 100 lbs., \$10.00.** If ordered sent by Parcel Post add 5c per pound for postage.

White Mexican Bean This is a comparatively new type of the Frijole, or Mexican Pinto Bean. In size, shape, flavor and productiveness it is identical to it, but has been improved until it is pure white in color. It is very hardy, drought resistant, and an enormous cropper; and grows more and more popular as its merits are better known. This is the bean for those wanting a hardy white variety. Its only fault is, being pure white, it discolors easily in harvesting. By freight or express at purchaser's expense: **Lb., 20c; 2 lbs., 35c; 10 lbs., \$2.00; 100 lbs., \$15.00.** If ordered sent by Parcel Post add 5c per pound for postage.

Peanuts

Peanuts are more and more being recognized as a profitable crop where the right varieties are grown in the correct manner. They thrive best in a rich, sandy, loamy soil. The best method of planting and harvesting, as given by a successful grower, is as follows: Prepare the ground well, laying it off with a shovel plow in rows about 3 feet apart. Plant either the hull 12 to 15 inches apart, or hull them, and plant two kernels to the hill. Cultivate well, keeping the land as level as possible. When they mature, pull them up, turning the roots to the sun. In bright weather, they will be cured in 24 hours. After picking, or threshing, the nuts, the vines make splendid hay; 35 to 40 pounds of unshelled peanuts will plant an acre.

Spanish This variety, altho small, is the best suited for growing in the North, being earlier than any other sort. It yields enormously. Pods are solid and unusually well filled. As a confection it is sweeter and more delicious than the larger varieties. Plant is of upright, bushy growth, making cultivation easy. The Spanish variety is particularly adapted to dry farming conditions. It has a long tap root that penetrates the soil deeply, enabling it to make a crop under conditions where other varieties would fail. By freight or express at purchaser's expense: **Lb., 20c; 2 lbs., 35c.** If ordered sent by Parcel Post add 5c per pound for postage.

FIELD PEAS

Sow 50 to 60 pounds per acre

For Colorado and the Western states, there is no crop of greater value than Field Peas; nor a crop more neglected, which can only be attributed to a lack of knowledge of their merits. They make good silage, and are an admirable food, either green or dry, for cattle, being highly nutritious, and rich in milk producing elements. They are grown more largely in this territory for fattening sheep and hogs, and have proven to be the most profitable crop for that purpose. Pea-fed sheep and hogs command top prices on all markets.

We recommend the San Luis Valley Stock Pea or the mountains and high, cool altitudes, as it seems especially adapted to such localities. For rye land and lower altitudes, we recommend the Southern Black-Eye Pea, which has proven a wonderful success on the Eastern plains of Colorado and Western Kansas and Nebraska.

San Luis Valley Stock Peas

This pea is grown most extensively here, and is undoubtedly the best for the mountain districts. It is very hardy, producing an abundance of vines, which can be harvested for hay, or if permitted to mature, the peas excel corn for fattening sheep and hogs. By freight or express at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 10 lbs., \$1.00; 100 lbs., \$8.00.** If ordered sent by Parcel Post add 5c per pound for postage.

Whip-Poor-Will Cow Peas

The most highly valued plant in the South for hay, and reclaiming old, worn-out land. The vines, when cut green, make the best of hay. When permitted to ripen, make an excellent table pea. By freight or express at purchaser's expense: **Lb., 6c; 2 lbs., 35c; 10 lbs., \$1.50; 100 lbs., \$13.00.** If ordered sent by Parcel Post add 5c per pound for postage.

White Canada Field Peas

This pea is grown more largely in the North than any other variety, as it is very hardy, and may be sown as soon as frost is out of the ground. If sown early in the spring, will be ready to cut for hay in July. It makes good silage, and is an admirable food, either green or dry, for hogs, sheep and cattle. By freight or express at purchaser's expense: **Lb., 20c; 2 lbs., 35c; 10 lbs., \$1.50; 100 lbs., \$11.00.** If ordered sent by Parcel Post add 5c per pound for postage.



Canada Field Peas

New Era The earliest of any of the cow peas; therefore, decidedly the best for growing in cold climates or short seasons. The New Era has proven itself well adapted to dry land, or where there is a scarcity of water, and has made good crops where other varieties would fail. If cut before maturing, makes hay that will equal Alfalfa, and, if permitted to ripen, makes a splendid dry feed. It can be sown on grain land after the grain has been harvested, and will make a splendid growth of vines, which, when plowed under, make an excellent fertilizer and places the ground in good shape for next year's crop. By freight or express at purchaser's expense: **Lb., 20c; 2 lbs., 35c; 10 lbs., \$1.50; 100 lbs., \$13.00.** If ordered sent by Parcel Post add 5c per pound for postage.

Southern Black-Eye Peas

This is the standard field pea of the South. The dry peas, which are produced in large quantities, are excellent for table use, and find ready sale during the winter. They are very hardy and prolific. Vines make excellent forage or hay. This pea has proven a great success in the dry land or non-irrigated districts of the West. Its roots seem to penetrate deeper and stand drought and heat better. Especially adapted to hot, dry, non-irrigated districts. By freight or express at purchaser's expense: **Lb., 20; 2 lbs., 35c; 10 lbs., \$1.50; 100 lbs., \$12.50.** If ordered sent by Parcel Post add 5c per pound for postage.

Vetch

Sand or Winter Vetch

Sometimes called **HAIRY VETCH**. This is a very valuable forage plant and is becoming more popular each year, as the farmers of the country learn more of its value. Vetch belongs to the Pea family, but the vines are much longer and the foliage more abundant. It is an annual, and succeeds well on nearly all soils; is especially adapted to light soils and soils that leach; will endure extremes of drought, heat and cold. The roots bear innumerable nodules of nitrogen gathering bacteria. These take the nitrogen from the air and restore it to the soil, where it is so much needed. The Department of Agriculture estimates the value of an acre of Vetch plowed under equal to commercial fertilizer at the rate of \$16.00 to \$40.00 an acre. Sow 40 to 50 pounds per acre with the same amount of rye or other grain to support the vines. When sown in August or September it covers the ground before frost and prevents leaching of the soil during the winter and spring. When sown in April or May it can be cut in July. The second crop affords excellent pasture during the summer. Under favorable conditions as many as twenty long vines spring from each root, yielding from 10 to 20 tons of green fodder per acre. When grown for hay it should be left standing until some of the seeds become well filled. As a soil renovator, catch crop and cheap pasture it has no superior. If you have never grown it, give it a trial this season. By freight or express at purchaser's expense: **Lb., 60c; 2 lbs., \$1.15; 10 lbs., \$5.50; 100 lbs., \$50.00.** If ordered sent by Parcel Post add 5c per pound for postage.

Spring Vetch This is used for the same purpose as Sand or Winter Vetch, but should be planted in the spring instead of the fall, as it will not survive severe winters. It will grow anywhere that Canada Field Peas thrive, and may be sown as early in the season. By freight or express at purchaser's expense: **Lb., 25c; 2 lbs., 45c; 10 lbs., \$2.00; 100 lbs., \$18.00.** If ordered sent by Parcel Post add 5c per pound for postage.

Mr. Gardener: (Large or Small.) Why send East or elsewhere for your seeds when you can secure from us seeds that have been selected, tested, tried and found especially adapted to the soil, climate and condition of the West?

Our seeds are grown for us under contract from selected seed stock, by the most experienced and best seed specialists of Europe and America. Every lot of seed that comes into our house is tested with a standard seed tester or on our Vegetable and Seed Farm. Every lot must show a strong Germination and Standard Test before sending out.

We are large growers of vegetables. We spend thousands of dollars annually testing and trying out seeds. Therefore, we know our seeds from the growing of them to the harvesting of the crops. That is why "BURTON'S QUALITY SEEDS" are so popular with Western Growers. Buy them. Try them, and join the Army using them.

CORN

10 pounds will plant an acre.

Thirty years ago, when the writer came to Colorado, only a small amount of corn was grown in the state, and the most of that was of the flint varieties. Corn was considered a very doubtful crop. Seed could not be obtained here, but was brought in from Kansas and Nebraska. Flint Corn and a few early dents were later brought here from the East, and gradually became adapted to our soil and climate. Continued selection of the earliest maturing dents has developed several varieties that seldom fail to mature here, even in the shortest seasons. In this way the corn belt is being moved north each season; not only has the corn belt been moved northward, but corn with deeper kernels, more rows and better yielding habits have been developed. The result is more profitable farms. The corn improves the quality of the farm because it is a cultivated crop which can be adapted to a large acreage successfully. The cultivation of the land cleans it of weeds and puts it in excellent condition for the following crop. The need of sources from which suitable seed corn can be obtained in the semi-arid and Rocky Mountain regions is great, and is increasing. Seed of adapted varieties is much scarcer each year than in sections where the crop is more certain. The proper selection and care of seed corn is more important and exacting than the average grower realizes, as in appearance corn suitable for seed purposes is often deceiving, and its seed qualities can only be determined by actual tests for germination and vitality.

Our experience with seed corn emphasizes the fact that appearance or looks are often misleading, as some as fine specimens of corn, as we ever saw, failed to germinate, while some small, inferior-looking stock showed a good germination, proving that special care and attention in harvesting and curing is necessary. Excessive moisture devitalizes more seed corn than any other destructive element. Excessive moisture and heat combined will cause the seed germ to swell and die, and excessive moisture and cold combined will freeze or chill the germ and kill it, and for these reasons it has been found necessary throughout Kansas, Nebraska, Iowa, Illinois and the principal corn-growing states, to erect special seed drying sheds and buildings to properly cure their seed corn. Some of the largest dealers have erected specially constructed buildings, equipped with furnaces, where they can dry their corn quickly and properly with artificial heat, regardless of weather conditions. Colorado and arid districts seldom need such curing devices, as the seasons are usually dry enough to properly cure it naturally. Altho we have ideal seasons for curing seed corn, yet we have other obstacles with which to contend, as the tendency of short seasoned corn is to grow a smaller grain and a larger cob each season, necessitating the re-newing of seed stocks oftener.

A few years ago it was a common saying of the farmer, "Of course my corn will grow. I never did raise anything that wouldn't grow. It's all right"—justifying his statement by attributing his past poor stands and crops to mice, gophers, bad weather or other conditions beyond his control, not knowing or even suspecting it might be due to poor seed. However, such arguments and assumptions are rapidly being relegated, although there are still a few growers who continue to plant untested seed simply because it is theirs, or is cheap, or looks good rather than pay a slight premium for seed that has been tested and is known to be good.

Every lot of seed corn that comes into our house is tested three times before sending out. We first test the sample from which we buy, and then when the stock comes in we test it again, and at the same time we send a sample of the stock to the Agricultural College at Fort Collins, Colo., for their tests to check against our tests, and any lot that does not show a germination of 90 per cent or better is rejected and returned to the grower. We pride ourselves on the grade and quality of our seed corn. We are not only exacting in our germination tests, but equally so in our grades. Every lot is carefully selected, butted and tipped. These exactions, coupled with extra time and expense de-

voted to them, make our seed cost us more than the ordinary grades, but the results have well paid us for the extra time and expense.

Our prices may be higher than those of our competitors, but our stock is worth more than the difference, as it is the best that money, skill and labor can produce. We do not handle cheap seeds, nor can we buy the best at a price that we can compete in price with inferior grades. We are trying to produce the best, not the cheapest, as the best is always the cheapest in the end. The grower, who plants untested, inferior seed because of the difference in price, penalizes himself through poor crops, as "like produces like."

We make a specialty of Seed Corn. It is one of our "hobbies" and we feel safe in saying we sell more seed corn each season than any other two seed firms west of the Missouri river. We could not have established this business by supplying poor, unsuitable seed. We have studied the requirements of our territory and have supplied our customers with good, selected, tested seed of the best varieties adapted to our western conditions. We have exercised special care in the selection of our seed corn this year, and have some as fine Colorado-grown stock as we ever saw grown anywhere. If you have never tried our Western grown acclimated corn, give it a trial this season. A trial will make a prominent customer of you. Every sack of seed corn we send out has a tag on it showing the per cent of germination.

Swadley This is an extra early sort of the Yellow Dent variety. It is very hardy, about as early as the Australian White, will stand as much drought, mature as early, and produce nearly double the amount of corn as the Australian White. It is a pale Yellow Dent, with a kernel as soft as the later varieties. It seems to be well adapted to upland and thin soils, often making 35 to 50 bushels of corn on land where other varieties would scarcely make anything. A good portion of the stalks will mature two ears of corn. This is strictly a Colorado corn, having been introduced here twenty-five years ago, and has since been the most largely grown corn in the state. Our seed of this variety was grown on dry land, and we challenge anyone to produce a better grade. By freight or express, at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 10 lbs., \$1.00; 100 lbs., \$8.00.** If ordered sent by Parcel Post, add 5c per pound for postage.

Squaw (90 days). Extremely early and of very dwarf habit. Stands cold and drought as well as Australian White. Average length of ears 7½ inches; grain of dark purple color, and sugary. Makes excellent roasting ears. By freight or express, at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 10 lbs., \$1.00; 100 lbs., \$9.00.** If ordered sent by Parcel Post, add 5c per pound for postage.

King of the Earliest (Extra Early, 80 to 90 days), the earliest, hardiest, most productive of the yellow corns. It is the most valuable early Yellow Dent corn grown, having no equal for earliness, hardness, and productiveness. It seems to possess a natural faculty of growing right along thru wet or dry seasons, and of making good crops under conditions that ruin other sorts. We do not know why this should be, unless it roots more deeply, drawing the moisture and strength from the ground from a greater depth and distance than other ordinary sorts. It is the universal opinion of those who have grown it, that for ability to endure extremes of heat and cold, flood or drought, it has no equal. The ears ordinarily run from 7 to 10 inches long, with 16 to 20 rows of compact grains solidly set on a small cob. The stalks grow 7 to 9 feet high. We cannot recommend this corn too highly for an early variety. By freight or express, at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 10 lbs., \$1.00; 100 lbs., \$8.00.** If ordered sent by Parcel Post, add 5c per pound for postage.

Parson's White Dent (90 days). With the exception of the Australian White, Parson's White Dent is the earliest white corn grown here, and is a sure cropper. Has been grown here for years, and is thoroughly acclimated, and by many is preferred to any other

THE MAIL ORDER SEED HOUSE OF THE WEST

grown here. By freight or express, at purchaser's expense: Lb., 15c; 2 lbs., 25c; 10 lbs., \$1.00; 100 lbs., \$8.50. If ordered sent by Parcel Post, add per pound for postage.

Improved Calico Improved Calico is the old Calico improved so at it matures earlier and yields better. Calico is always been a popular corn, and Improved Calico is still better yet. The strain is of the large red kind, deep grain and small cob, thus insuring early maturity. The ears run from 9 to 12 inches in length, and measure 7 to 8 inches in circumference. It is a combination in color of red, white, and yellow stripes. It is full of protein, and very rich. Stock like it and eat it in preference to other varieties. To those in want of one of the best corns for stock feeding, we are in a position to supply you with the very best of seed. By freight or express, at purchaser's expense: Lb., 15c; 2 lbs., 25c; 10 lbs., \$1.00; 100 lbs., \$8.00. If ordered sent by Parcel Post, add 5c per pound for postage.

Bloody Butcher (90 days). This is an excellent variety of an early maturing corn. Is a great favorite, and extensively grown in North and South Dakota, Minnesota, Northern Wisconsin, Michigan, and states of high altitude, and where seasons are short and frosts early. It is a large yielder among the early sorts, always making safely in 90 days or less time. It has a great tenacity to resist and withstand unfavorable conditions, such as extreme heat, cold, wet or dry weather. By freight or express, at purchaser's expense: Lb., 15c; 2 lbs., 25c; 10 lbs., \$1.00; 100 lbs., \$8.00. If ordered sent by Parcel Post, add 5c per pound for postage.

Australian White Flint (90 days). This is the earliest, surest, and best variety we have for dry and short seasons, as it will stand more drought and cold than any known variety. It is very hardy; stalks grow 4 to 6 feet high, with ears 10 to 12 inches in length, and close to the ground. If you have had any trouble in getting your corn to mature, try Australian. It will make where others fail. By freight or express, at purchaser's expense: Lb., 15c; 2 lbs., 25c; 10 lbs., \$1.00; 100 lbs., \$8.00. If ordered sent by Parcel Post, add 5c per pound for postage.

Colorado Yellow Dent (90 days). Yellow Dent, as it is known here, is a cross between the Pride of the North and Improved Leaming, having been bred up by some of our best growers until it is now the best and most largely grown, strictly yellow variety in the state. It is very hardy, and seems to adapt itself to all kinds of soil and climate. Many of our best farmers are producing from 35 to 50 bushels of this splendid corn per acre. **HERE, MR. HOG MAN, IS THE CORN FOR YOU.** It is acclimated to our climate, and will yield more per acre than many of the Eastern states are producing. By freight or express, at purchaser's expense: Lb., 15c; 2 lbs., 25c; 10 lbs., \$1.00; 100 lbs., \$8.00. If ordered sent by Parcel Post, add 5c per pound for postage.

THE SILO

The importance of the Silo and ensilage to the dairyman is so great, and has been so thoroughly demonstrated, that nearly every dairyman now has a Silo, and many farmers, who milk only a few cows, have one, and find it profitable. Colorado has a large territory that is especially adapted to dairying, and with the aid of the Silo will soon develop into one of the leading dairying states.

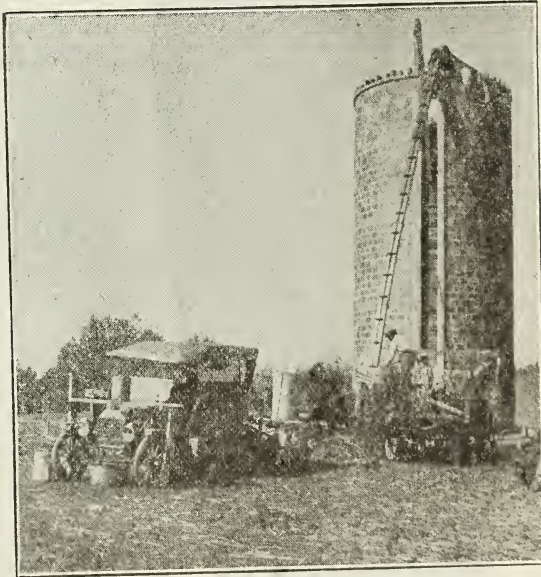
We are not selling Silos. We have none for sale. We have no stock or interest in any factory. There are many good Silos manufactured. We do not know which one is the best, but we do know that every farm or farmer who has 10, 15, or 20 head of stock, or more, should have a Silo. Silage is good for the cow, the horse, hog, sheep, colts, and calves. The Silo is indorsed by every agricultural college, and every leading agricultural publication, and by all who have used them. They are money-savers and money-makers, and keep your stock healthy, thrifty, and fat at a small cost.

The value of a Silo is unquestioned. By its use crops may be saved in dry seasons, that could not otherwise be preserved. By its use the whole corn

crop may be saved instead of only 60 per cent of it, as now, when the ears only are harvested. By its use, stock may be fed succulent feed at all times, and thus enjoy June conditions the year around. By its use, crops are placed under shelter, where they are handled in bad weather, with utmost ease and comfort. By its use, better and quicker results are assured in either the beef or dairy herd. By its use, the farmer almost doubles the value of his crop, enabling him to do his work easier, quicker, and with more profit. Below we describe several varieties of corn that have proven well adapted to the West for ensilage purposes.

Two years ago we built a silo on our vegetable farm and have thoroughly tested out, for ensilage purposes, Iowa Silver Mine, Red Cob Ensilage, and Minnesota No. 13. We found the Iowa Silver Mine and Red Cob Ensilage matured to a good ensilage stage in from 95 to 100 days, the Red Cob Ensilage producing much more ensilage than the Minnesota No. 13. We found to make the best balanced ensilage; each stalk produced two good ears of corn and matured to a good ensilage stage in from 90 to 95 days. For tonnage, and an ensilage for wintering purposes, would recommend either the Iowa Silver Mine or Red Cob Ensilage. For an ensilage for milking or fattening purposes, would recommend the Minnesota No. 13.

We make a specialty of seed corn for fodder and ensilage purposes. The varieties we are offering have been thoroughly tested and found well adapted to our climate and soil. Our seed corn is not the ordinary commercial grade, but all varieties are carefully graded, butted and tipped, and nothing but well matured, fully developed stock is selected. If you grow fodder or ensilage corn, don't fail to ask us for samples, and see our stock, before placing your order. We challenge any seedsmen to produce anything better. **ASK FOR SAMPLES AND SPECIAL PRICES ON LARGE QUANTITIES.**



Auto Cutting and Elevating

Ensilage Corn

10 pounds will plant an acre.

Iowa Silver Mine (95 days). This variety is more generally grown throughout this territory for ensilage purposes, and more widely and favorably known than any other white corn. It is a sure cropper, very early, deep grain; grows 7 to 8 feet high, with two good

ears of corn to every stalk, pure white; has a heavy foliage, and produces an enormous amount of fodder, as well as corn. Many of our largest dairymen grow it for ensilage purposes in preference to the regular ensilage varieties. By freight or express at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 10 lbs., \$1.00; 100 lbs., \$8.00.** If ordered sent by Parcel Post add 5c per pound for postage.

Iowa Gold Mine

(95 days). This is the same as the Iowa Silver Mine, except color, which is a golden yellow. By freight or express, at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 10 lbs., \$1.00; 100 lbs., \$8.00.** If ordered sent by Parcel Post, add 5c per pound for postage.

Improved Leaming

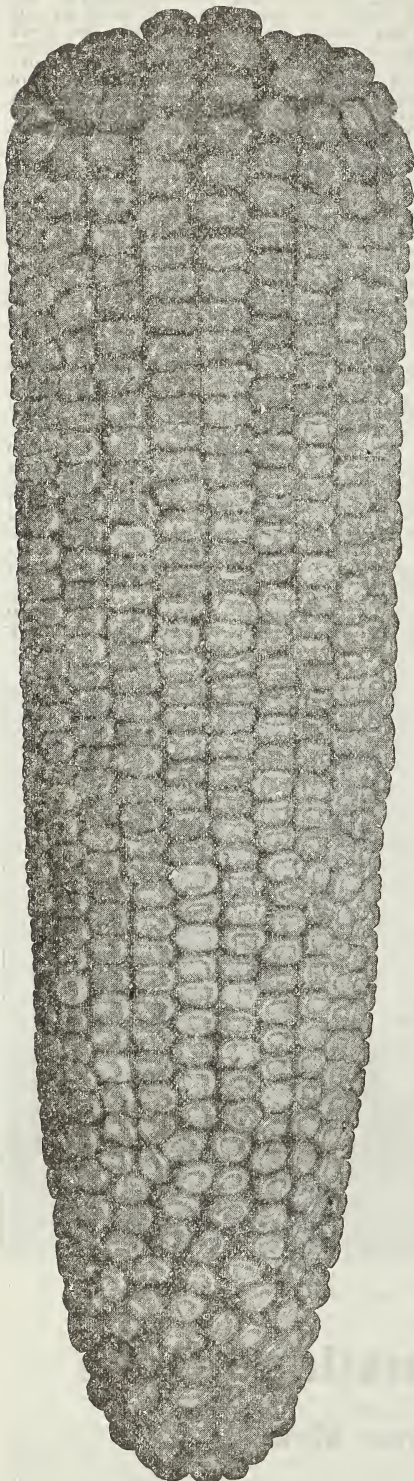
(90 days). This variety is planted more largely in Colorado than any of the Yellow Dent corns for ensilage purposes. The ears are large and handsome; grain deep orange color, with a small, red cob. The stalks grow to good size with few suckers, slender and leafy, making most excellent fodder, and usually produces two good ears to the stalk. It husks and shells easily, ripens in 90 to 100 days, and never fails to make a crop. Grown very largely in Western states for ensilage purposes. Is adapted to a greater variety of soils than many corns, producing unusually well on light land. If you want the best and safest all around corn, plant Improved Leaming. By freight or express, at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 10 lbs., \$1.00; 100 lbs., \$8.00.** If ordered sent by Parcel Post, add 5c per pound for postage.

Pride of the North

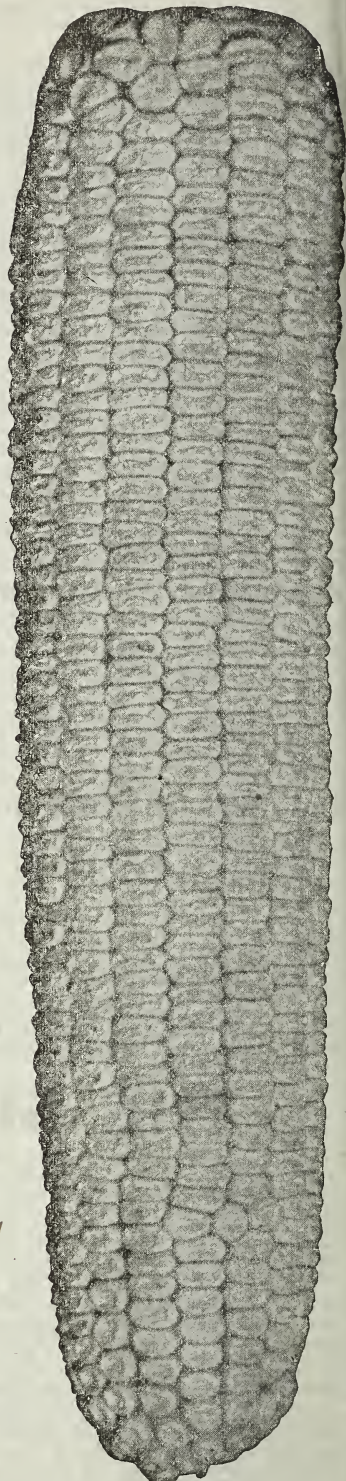
The very earliest Yellow Dent field corn, and can be successfully grown farther North than any other Dent variety. Matures perfectly in 90 to 95 days, and is very frequently free from frost in less time. Very hardy, ears of good size, cob small, kernels set closely on cob, and are long and compact. This variety is planted quite largely for early crop to feed stock while yet green. If you have trouble in getting your corn to mature, plant Pride of the North. By freight or express, at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 10 lbs., \$1.00; 100 lbs., \$8.00.** If ordered sent by Parcel Post, add 5c per pound for postage.

Red Cob Ensilage

A pure white corn with a very small red cob; stools like wheat, growing from 6 to 8 feet tall, and often yielding as high as 45 tons to the acre. It is sweet, tender, and juicy, containing more nourishment than other ensilage corns. Has short joints, an abundance of leaves, and of tall growth. Its early maturing habits, together with its enormous tonnage, make it one of



Minnesota No. 13



Iowa Silver Mine

very best ensilage corns for this territory. By eight or express at purchaser's expense: **Lb. 2c; 2 lbs., 25c; 10 lbs., \$1.00; 100 lbs., \$8.00.** If ordered sent by Parcel Post, add 5c per pound for postage.

Minnesota No. 13 This is the corn that is being grown so largely throughout Colorado and the Middle West for ensilage purposes. The ears are of handsome appearance, bearing 16 to 20 rows of bright, rich yellow, smooth, wedge-shaped kernels, packed closely on the cob from butt to tip. The ears average 8 inches in length, and are generally borne two to a stalk. It matures thoroughly in 90 days when planted on favorable soil, and in good location, but to 100 days places it out of danger under average conditions. Minnesota No. 13 will thrive and produce abundantly on most any soil, and will do remarkably well under adverse conditions where other varieties would fail entirely. The stalks grow to a height of 7 feet, and, being leafy, make excellent and nutritious fodder. We recommend this to our customers as a corn suitable in every respect for our Western growers, for either ensilage or for grain. By freight or express, at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 10 lbs., \$1.00; 100 lbs., \$8.00.** If ordered sent by Parcel Post, add 5c per pound for postage.

Eureka Ensilage Corn This not only grows the tallest and is the most leafy of the ensilage corns, but is as well productive of ears, yielding often 100 bushels of corn to the acre in altitudes permitting it to grow to maturity. We do not claim that in this latitude Eureka will reach the stage of maturity of some of the smaller and less productive varieties, but, if planted at the proper time, will, under ordinary conditions, make more fodder and ensilage than any other variety grown in this latitude, and will mature to the ensilage stage before most. If you want a strictly ensilage corn, plant Eureka. By freight or express, at purchaser's expense: **Lb., 20c; 2 lbs., 35c; 10 lbs., \$1.50; 100 lbs., \$10.00.** If ordered sent by Parcel Post, add 5c per pound for postage.

Pop Corn

5 to 6 pounds will plant an acre

Pop Corn should be found in every garden and on every farm, especially if there are children in the home to enjoy it during the long winter evenings. The constant demand for Pop Corn makes it a profitable crop. Let the boys grow an acre of it for their own spending money. Be sure to procure good, pure seed for them, as Pop Corn mixes readily with field varieties. Very often there is good money in little things, which, because they are small, people are apt to overlook. Pop Corn is one of these.

White Rice A very handsome and prolific growing from each kernel; ears short, kernels long, pointed, and resemble rice; color white. The most popular variety grown. No variety surpasses it for popping. Pops white. By freight or express at purchaser's expense: **Lb., 25c; 2 lbs., 45c; 10 lbs., \$2.00; 100 lbs., \$17.50.** If ordered sent by Parcel Post add 5c per pound for postage.

Queen's Golden The largest sort. Stalks grow 5 to 6 feet high, producing 2 to 3 large ears each. Pops perfectly; white, single kernels expand to one inch across. By freight or express at purchaser's expense: **Lb., 25c; 2 lbs., 45c; 10 lbs., \$2.00; 100 lbs., \$17.50.** If ordered sent by Parcel Post add 5c per pound for postage.

Spanish A new variety introduced into this section two years ago and now exceptionally popular among all growers. It has been thoroughly tested in this section, and has been found well adapted to this climate. It produces fine, large, white grains, which, when popped, are fully twice as large as the White Rice. This corn commands a premium over all others. A very early variety, and a heavy yielder. By freight or express at purchaser's expense: **Lb., 25c; 2 lbs., 45c; 10 lbs., \$2.00; 100 lbs., \$17.50.** If ordered sent by Parcel Post add 5c per pound for postage.

Broom Corn

Plant 10 to 20 pounds per acre

This is a crop especially adapted to the non-irrigated districts of the West, and one that offers the greatest inducements under present conditions of any of the so-called dry land crops. It is an old established fact that Broom Corn does not do well on wet land or during wet seasons, the best crops being grown in what we call dry seasons, with only a moderate amount of moisture. It is an easy and comparatively inexpensive crop to grow, and should be grown more largely by our farmers, as it is especially adapted to the arid sections of the West, where the seasons are ideal for the harvesting and curing of it. There should be a greater interest manifested in this crop, as it is destined to develop into one of the best paying industries.

Improved Evergreen For length and straightness of brush this variety is unexcelled. It is of light green color, without the slightest reddish tint. It makes by far the best brooms of any grown. Height 7 to 9 feet. By freight or express at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 10 lbs., \$1.00; 100 lbs., \$8.00.** If ordered sent by Parcel Post add 5c per pound for postage.

Oklahoma Dwarf Green This is a popular variety on account of its not being liable to blow down and lodge as the taller varieties. Heads are very bushy, and make a fine yield. By freight or express at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 10 lbs., \$1.00; 100 lbs., \$8.00.** If ordered sent by Parcel Post add 5c per pound for postage.

Forage and Fodder Corns

Kaffir Corn Kaffir Corn belongs to the non-saccharine group of sorghums. The plant is short-jointed and leafy. It is the greatest dry weather resisting crop grown. When dry weather comes it does not die, but simply stops growing until rain comes again, and then continues its growth.

Kaffir is a warm weather crop, and nothing is gained by early planting. It is best planted a week or two later than Indian corn. While Kaffir is linked with dry sections of the United States, this does not mean that the crop is best where water is scarce, as it is successfully grown in Kansas, Oklahoma and Texas, where the annual rainfall is more than 25 inches.

For grain crops the seed should be planted in rows and cultivated the same as corn. This will require 5 to 6 pounds per acre. For fodder, sow 1 to 2 bushels per acre, and cut when the seed is in the dough. For ensilage, cut just as the grain begins to harden.

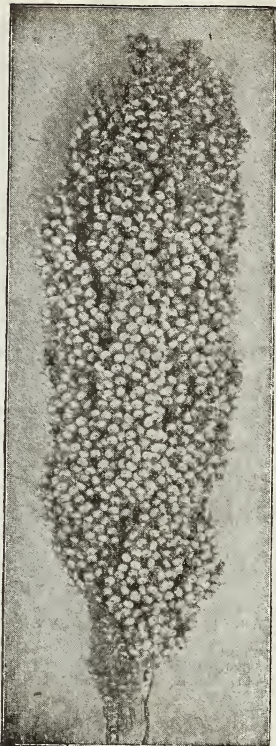
Red Kaffir The growth is taller than the white; stalks are more slender and juicy. The heads are long, compact, and grow erect, frequently measuring 1½ to 2 feet. The seed is red, somewhat smaller than that of the white, hard and brittle. Produces a good yield on poor land. Ripens a few days earlier than the white variety. By freight or express at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 10 lbs., \$1.00; 100 lbs., \$8.00.** If ordered sent by Parcel Post add 5c per pound for postage.

Jerusalem Corn This non-saccharine sorghum is one of the best and surest grain crops for dry countries and seasons. It grows about 3 feet high, and makes one large main head and several smaller ones on side shoots. The grain is pure white and nearly flat. Plant 3 to 5 pounds per acre. By freight or express at purchaser's expense: **Lb., 25c; 2 lbs., 35c; 10 lbs., \$2.00; 100 lbs., \$15.00.** If ordered sent by Parcel Post add 5c per pound for postage.

Claude E. Porter, Corona, N. Mex.—The Cane and Millet seeds I got from you did well. The potatoes were as fine seed as I ever saw.

Dwarf Black Hull White Kaffir

Is the result of careful selection, extending over a period of a number of years, and which has produced a type of uniform dwarf growth. The plants range from 4½ to 5 feet in height, depending on weather, quality and condition of soil. The heads are uniformly larger, and of better shape than the old types of White Kaffir. The dwarf variety is straight and upright, and a very heavy yielder. By freight or express at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 10 lbs., \$1.00; 100 lbs., \$8.00.** If ordered sent by Parcel Post add 5c per pound for postage.



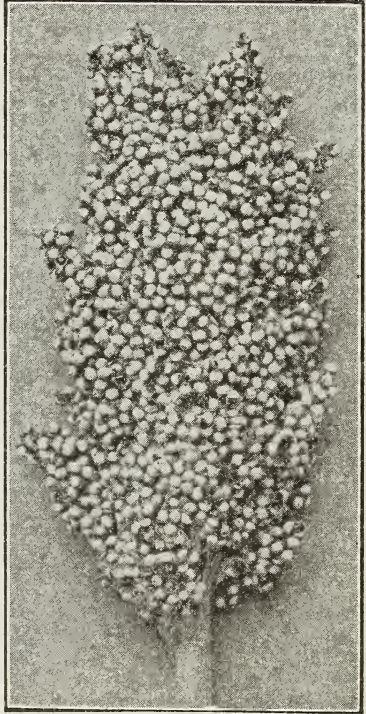
Kaffir Corn

White Kaffir

The stalks grow from four to seven feet in height, making a straight, upright plant. On account of irregular growth of plant and head, is not quite as valuable as a dwarf Black Hull type. By freight or express at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 10 lbs., \$1.00; 100 lbs., \$8.00.** If ordered sent by Parcel Post add 5c per pound for postage.

Feterita

The Wonderful New Dry Land Grain. Feterita is the earliest and most drought-resisting grain yet produced in the West. It appears to be a cross between Milo and Kaffir, but is considered earlier and harder than either of them. Feterita is the one grain crop that will beat the hot winds and drought by maturing 30 days earlier than Kaffir and 15 days earlier than Milo. It should be planted about the same time as Kaffir or Milo, but not before the weather is settled and the ground warm, as the grain is very soft and liable to rot if the ground is



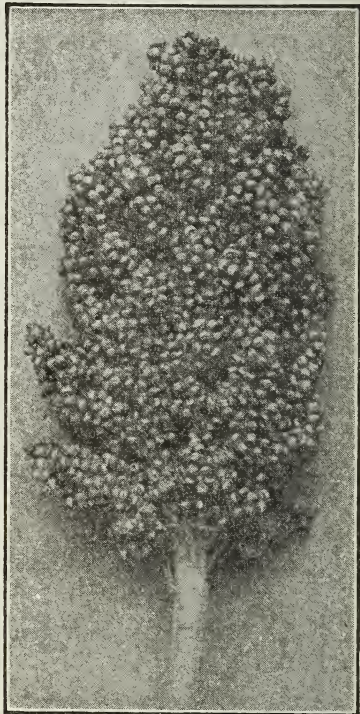
Feterita

cold and wet. It may be planted in a furrow with a lister, or surface planted with an ordinary corn planter. The lister method is advised in arid sections. It should be planted in rows like Indian corn, using 6 to 8 pounds of seed per acre, and cultivated same as Indian corn.

When grown for the grain, it should be allowed to stand until the earliest heads are fully ripe, but should not be left until all heads are ripe, else considerable grain may be lost thru shattering. For combined use for forage and grain, the crop should be cut in the late dough state. By freight or express at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 10 lbs., \$1.00; 100 lbs., \$8.00.** If ordered sent by Parcel Post add 5c per pound for postage.

Yellow Milo Maize

A non-saccharine sorghum of high value. It is a vigorous grower, of deep green color, attaining a height of 6 to 8 feet, with many juicy leaves, and splendid head. On account of its branching habit it should be planted in rows 3½ to 4 feet apart, and 1 to 1½ feet apart in the row. Some stalks often develop as many as 20 heads. It never fails to make good fodder, and under ordinary conditions will produce a good crop of grain, 40 to 50 bushels to the acre often being harvested. By freight or express at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 10 lbs., \$1.00; 100 lbs., \$8.00.** If ordered sent by Parcel Post add 5c per pound for postage.



Milo Maize

White Milo Maize

For years certain growers of the West have been trying to produce a drought-resisting grain that would make a heavier yielder than Yellow Milo Maize, or Kaffir Corn, and they have found it in the White Milo Maize. This variety is very similar in habit of growth to the old Milo Maize, the grain being about the same size, but a pure white; the head almost double in size and twice the weight, dwarf in growth, with heavy stalks. White Milo is a heavy yielder, is non-saccharine, belongs to the Dhoura family. It sends out a number of suckers from the main stalk, each forming a head of grain. The kernels of White Milo are soft, and make excellent feed for all kinds of animals and fowls, and may be fed whole or ground. White Milo should be cultivated and harvested same as Kaffir, except the rows should be 3½ to 4 feet apart, and the grain planted at least 18 inches apart in the row. Four or five pounds of White Milo will plant an acre. By freight or express at purchaser's expense: **Lb., 15c; 2 lbs., 25c; 10 lbs., \$1.00; 100 lbs., \$8.00.** If ordered sent by Parcel Post add 5c per pound for postage.

J. W. West, Bennett, Colo.—The cane seed that I got of you last season was fine. I never raised a better crop of cane than this last season. Will be in the market for cane seed next spring.

CANE

Early Black Amber Sugar Cane

is the most used. It is only in recent years that its real value as a food for livestock has attracted general attention. Its great merit is now beginning to be fully appreciated. It is sweet, tender, nutritious, and greedily eaten by all kinds of stock. Dairymen find, when fed as ensilage, that cows give more and richer milk than from other feed. It can be grown successfully in any part of the country, from Canada to Texas, and from Atlantic to Pacific. It roots deeply; therefore, is one of the best plants to resist drought, and is a sure cropper. On account of its sugar contents and rank growth, no fodder crop produces so rich and large amount of good feed for so little money. It is usually planted during the first half of June. For hay, sow broadcast, about 100 pounds per acre, or 50 to 75 pounds, if sown with wheat drill. By freight or express at purchaser's expense: **Lb., 5c; 2 lbs., 25c; 10 lbs., \$1.00; 100 lbs., \$7.50.** If ordered sent by Parcel Post add 5c per pound for postage.

Early Orange Cane

This variety is rapidly growing in favor wherever it is grown. It grows taller and more leafy than the Early Amber, but is about ten days later. It is very popular in the corn belt, where it is grown largely for forage and ensilage. By freight or express at purchaser's expense: **Lb., 5c; 2 lbs., 25c; 10 lbs., \$1.00; 100 lbs., \$8.00.** If ordered sent by Parcel Post add 5c per pound for postage.

producing syrup or sorghum for their own use. In many districts it has increased to such proportions that neighborhood or community syrup or sorghum manufacturing plants have been built in many districts to accommodate those growing for their own use as well as commercial purposes, therefore creating an increased demand for seeds of varieties especially adapted to the manufacture of syrup, as the varieties best adapted to forage are not always best for syrup. For the West and short season districts, it is necessary to grow only the early maturing varieties, as they must mature before sorghum or syrup can be made from it. We have found the Texas Seeded Ribbon Cane the best for our Western territory, and secure our seed of this variety from Northwestern Texas, where the seasons are long enough for the seed to fully mature, as only well matured seed will germinate well. The growing of cane for sorghum or syrup purposes requires first, good soil, good seed and good cultivation. The soil best suited to sorghum or syrup is a warm, rich, light colored soil; a black, heavy soil invariably produces a dark colored, heavy syrup, while a light soil will make a light colored article. The seed should be grown especially for seed purposes, which require that they remain on the stalk until fully matured, while that harvested from syrup crops should be cut when the seeds are in the dough state and not sufficiently matured for seed purposes. The seed should be drilled in rows from 3 to 3½ feet apart, and 6 to 8 inches apart in the row. A very common mistake is to plant too thick, producing slender stalks with little or no juice for syrup making. Sorghum or molasses are easily made, requiring no great amount of skill or knowledge. In evaporating or boiling down the juice, care should be taken to keep the green scum and other impurities skimmed off closely, otherwise the sorghum will be murky, dark colored and unpalatable. In anticipation of a heavy demand, we have secured a large stock of seed, which we are able to supply quickly in any quantity.

Texas Seeded Ribbon Cane

6 to 8 pounds of seed will plant an acre

This is the old popular variety from which molasses or syrup is made. It is not only the best for syrup, but is superior to fodder cane for ensilage purposes.

The stalks grow from 10 to 12 feet high. Cut with the foliage on, it makes the finest ensilage for all kinds of stock. It matures early and is ready to cut and grind before frost comes. It will grow anywhere that sorghum will grow, and when properly cared for will make from 200 to 350 gallons of molasses per acre. By freight or express at purchaser's expense: **Lb., 20c; 2 lbs., 35c; 10 lbs., \$1.65; 100 lbs., \$15.00.** If ordered sent by Parcel Post add 5c per pound for postage.

Last spring we had a very heavy demand for our catalogs—so much so that we were delayed in filling our requests for them. The following is self-explanatory, and shows how much our catalog is prized among growers:

WESTERN UNION TELEGRAM

Arminto, Wyo., April 1st, 1919.
Burton Seed Co.,
Denver, Colo.

Your catalog not yet received; please rush first mail.

(Signed) C. R. POTTER.

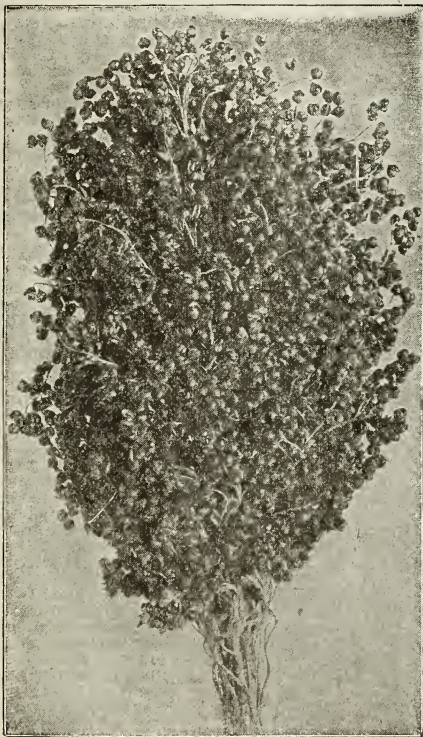
WESTERN UNION TELEGRAM

Arminto, Wyo., April 2nd, 1919.
Burton Seed Co.,
Denver, Colo.

When will you send your catalog? Answer collect.

(Signed) C. R. POTTER.

Mr. Potter received his catalog by Special Delivery.



Sorghum or Sugar Cane

For Forage Crops Sow 50 to 75 Pounds Per Acre.
For Syrup 4 to 8 Pounds Per Acre.

Sorghum or Sugar Cane has been grown in the Middle West for a number of years for forage purposes, but only recently for syrup. The scarcity and high prices of sugar and syrups has caused a great many farmers to return to the old practice of

ALFALFA

The United States produced only about 35% of an average crop of Alfalfa seed last year, with practically no carry-over stock on hand. The supply this season is the smallest in the history of the oldest seedsmen, and with an increased demand for re-seeding the land plowed up for wheat last year, there is not half enough seed on hand or available to supply the normal demand; consequently prices are fearfully high, and only those who order early will be sure of a supply at any price. It is so scarce that it is not so much a question of price as being able to secure it at all. The government of the United States has a seed reporting service, and when it became known there was such a serious shortage of seed the government should have taken over the crop and maintained a reasonable price on it for reseeded the land the farmers had plowed up for wheat at its urgent request; but, as it is, speculators and the large wholesale dealers got into the deal early and have completely cornered the supply, and are exacting fabulous prices and profits from those at their mercy. Unless there is considerable foreign seed brought in, we may see 60-cent alfalfa seed before the season is over. We have a fair supply of seed on hand which we will furnish at prices quoted as long as it lasts. First come, first served.

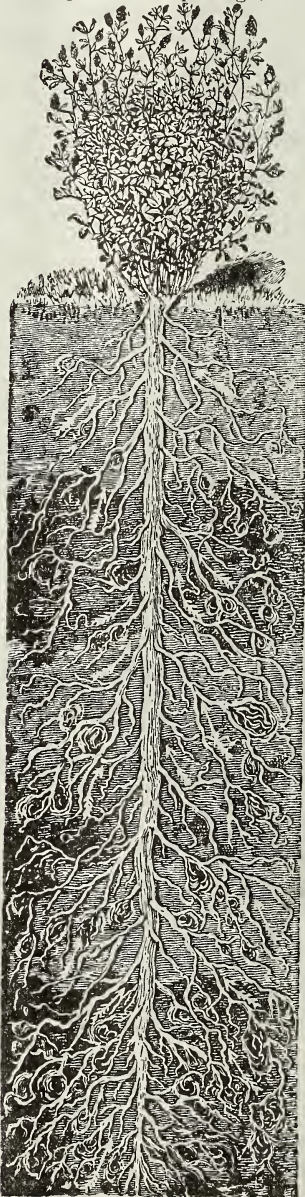
tap root is broken, causing the plant to wilt and kill. For the benefit of those who are interested in alfalfa, but not familiar with Grimm's, we are reproducing on this page a photograph of the root of a stalk of Grimm's and the roots of a stalk of common alfalfa, which will better show the root system of each than we can describe them, at which we trust will enable those who are not familiar with the two varieties to determine which they really want. The seed of Grimm's, like other alfalfa, is very scarce and high this season, and we can guarantee prices only as long as our present stock lasts. By freight or express at purchaser's expense: **1 lb., \$1.00; 10 lbs., \$9.50; 25 lbs., \$22.50; 100 lbs., \$85.00.** If ordered sent by Parcel Post add 5c per pound for postage.

Dry Land Alfalfa

By Dry Land, we mean seed that will grow without irrigation. Our Dry Land Alfalfa seed was grown in the non-irrigated districts of the West without irrigation. If you want genuine, Western grown, Dry Land seed, with a high purity and germination test, order our Dry Land grown seed. It is the best obtainable. By freight or express at purchaser's expense: **1 lb., 60c; 10 lbs., \$5.50; 100 lbs., \$50.00.** If ordered sent by Parcel Post add 5c per pound for postage.

Turkestan Alfalfa

So far, all the Turkestan Alfalfa seed used in this country has been imported from Turkestan, Asia Minor, which is known as an arid or dry country. It is supposed to be more hardy and to withstand more drought and cold than our own native grown seed, but so far little is known of it here. From the meager information secured to date, it seems to be very hardy, but not more so than our native high altitude grown seed. In quantity it does not produce as much hay as our native seed. The plants do not grow so tall, and the stalks and leaves are smaller, but the quality of the hay is finer. Turkestan Alfalfa has a large root system and seems to withstand pasturing better than other varieties. It is a meritorious plant, and worthy of consideration, but, before planting extensively, we would try it on a smaller scale, as it



Alfalfa or Lucerne

Grimm's or Everlasting Alfalfa

This is the hardiest of the hardy alfalfas, and is claimed will endure more severe cold than any other type. It originated in Northern Germany, and was brought to this country by a man named Grimm, who settled in Northern Minnesota. It soon became known as Grimm's Alfalfa, and developed more than a local reputation on account of its productiveness and extra hardness, as it survived winters that killed out fields of other varieties, consequently there arose a large demand for the seed, of which the supply is very limited. Agricultural colleges and county agents throughout the West have been flooding the



Grimm's Alfalfa

country with propaganda boosting Grimm's Alfalfa. From the inquiries we have received, it is evident many do not fully understand the characteristics of Grimm's, and class it among the dry land crops, when as a matter of fact it is not, although good crops of it have been grown with a limited amount of moisture. Grimm's chief virtue lies in its ability to withstand extreme cold weather without winter killing. This is due to the fact that instead of having just one large, long tap root, like the common alfalfa, it has a number of branching, spreading roots, which do not penetrate the ground as deeply as the single tap rooted varieties, and when the ground bulges from freezing the roots bulge with the ground without breaking, while the long tap roots of the common varieties penetrate the soil to a depth below the freezing point, and when the ground bulges from freezing this main

THE MAIL ORDER SEED HOUSE OF THE WEST

any not adapt itself to all soils and conditions as our native seeds do. Our seeds are genuine imported Turkestan, of which we have only a limited amount, and when this is gone we will be unable to secure more. In buying Turkestan Alfalfa beware of imitations and substitutions, as the scarcity of the genuine article has encouraged unscrupulous seedsmen to substitute cheaper and poorer seed. Genuine Turkestan very scarce, almost unobtainable. By freight or express at purchaser's expense: **Lb., 60c; 10 lbs., \$5.50; 100 lbs., \$50.00.** If ordered sent by Parcel Post add 5c per pound for postage.

Colorado Grown Alfalfa For the irrigated districts of the West we have selected Colorado-grown alfalfa. This seed was grown in the mountain valleys on the Western Slope of Colorado, where the winters are rigorous, thoroughly acclimating it to our most severe climate. The seed is strictly fancy, owing to a high purity and germination test. If you want Western grown, acclimated seed, order Colorado grown seed. There are none better obtainable. By freight or express at purchaser's expense: **Lb., 60c; 10 lbs., \$5.50; 100 lbs., \$50.00.** If ordered sent by Parcel Post add 5c per pound for postage.

Clovers

Not in our experience in the seed business have we seen Clover, Alfalfa and Grass seed so scarce and so high. The nation-wide campaign during the war for increased food production and the government's guaranteed price on wheat resulted in a plowing up of a large portion of clover, alfalfa and meadow fields (many of which needed reseeded), thereby reducing the source of supply of these seeds. With the government's guarantee on wheat removed there will be an increased acreage reseeded to clover, alfalfa and grass this season, and with the limited supply and heavy demand prices are exceedingly high and stocks alarmingly scarce. Deprived of the source of supply so greatly reduced, we cannot see how prices can return to normal for several years to come, as it will take that long to reseed and get the fields back to producing again. In the meantime, prices will continue high. Our best advice is to buy early if you want to be sure of your supply. Prices on clover and grass seeds vary with the season, and are subject to market changes. Customers will find it more satisfactory to write, wire or phone for latest market prices before buying.

Medium Red Clover This is the most important of all clovers, and the standard everywhere for hay and pasture. Clover adds greatly to the fertility of the soil on which it is grown. It does not exhaust the soil, but enriches it. The small nodules, or bacteria, which cling to the rootlets, possess the power to draw the nitrogen from the air and store it in the soil, where it is most needed, and where it can be drawn upon by subsequent crops. Sow in the spring at the rate of 10 to 15 pounds per acre when sown alone. When sown with other grasses, proportionately less. By freight or express at purchaser's expense: **Lb., 75c; 10 lbs., \$7.00; 25 lbs., \$16.25; 100 lbs., \$60.00.** If ordered sent by Parcel Post add 5c per pound for postage.

Mammoth Red Clover This variety resembles very much the Medium Red, but is much taller and makes a more rank and vigorous growth. The foliage, flower and stem are darker in color than the Medium Red Clover, and it ripens somewhat later, being only one crop in a season. Nothing equals it for pasture, as it produces an enormous yield of the highest feeding qualities. Mammoth clover is sown largely for pastures, and to restore fertility to depleted soils. If your soil is poor and needs enriching, there is no fertilizer as cheap as sowing Mammoth Clover and plowing the crop under. Sow in the spring, at the rate of 10 to 15 pounds per acre. By freight or express at purchaser's expense: **Lb., 75c; 10 lbs., \$7.00; 25 lbs., \$16.25; 100 lbs., \$60.00.** If ordered sent by Parcel Post add 5c per pound for postage.

Slyke or Swedish Clover The hardest of all clovers. It is a perennial, and does not winter kill, being especially adapted to cold, wet soils and high altitudes. On rich, moist soils it yields an enormous

quantity of hay or pasturage, and will thrive in soils so wet that the common clovers would not live. It is frequently sown with Red Clover and Timothy. When sown with these, it forms a thick undergrowth and greatly increases the yield of hay. It is fine and more leafy than Red Clover, and stock prefer it to any of the other clovers. The seed we have sold the past few years has given the best satisfaction. We have personally visited many fields grown from our seed, and we have scores of letters praising it. We have never seen any clover that does as well in the mountainous districts, where the winters are severe and the summers extremely short. By freight or express at purchaser's expense: **Lb., 75c; 10 lbs., \$7.00; 25 lbs., \$16.25; 100 lbs., \$60.00.** If ordered sent by Parcel Post add 5c per pound for postage.

White Clover A small headed white species that is very fragrant and desirable for mixing with lawn grass seeds, as it forms a close herbage, and remains green throughout the season. Although it is not a heavy producer, it is of great value for use in permanent pastures, as it affords a most nutritious food for stock. This variety will succeed in almost any soil. Sow about 6 pounds per acre. By freight or express at purchaser's expense: **Lb., 75c; 10 lbs., \$7.25; 25 lbs., \$17.50; 100 lbs., \$65.00.** If ordered sent by Parcel Post add 5c per pound for postage.

Sweet Clover: White (Melilotus Alba.) Sweet Clover will soon become one of the most important crops of the United States. It thrives in the dry farming districts of the West, and under the heavy rainfalls of the Eastern and Southern states. It flourishes on land too acid for alfalfa, and on land so strong with alkali as to kill most crops. It prospers on hard, heavy clay soils in the dry lands of the Southwest, and is little injured in the South when covered with water during an overflow. It makes good pasture for horses, cattle, hogs or sheep. Sweet Clover hay ranks next to alfalfa in feeding value. The best stand of Sweet Clover is secured on hard ground. It is difficult to get a good stand on mellow ground. Sweet Clover roots are large and coarse, and bore down deeply into hard soil. They are powerful and cheap subsoilers, as the tubercles take plant food from the air and add it to the soil. After Sweet Clover has been growing for a few years on hard, heavy soils, they become mellow and rich, and are easily worked. Sweet Clover can be sown on raw unplowed prairie, and will thrive among the native grasses, increasing the length of the pasture season, improving the quality of the feed, and increasing the carrying qualities of the pasture. The farmer who has the soil and climate adapted to alfalfa, has no need for Sweet Clover. The farmer whose soil is too acid, or contains too much alkali, or is too hard and stiff, or too poor, or too badly washed or flooded, or too dry a climate for alfalfa, needs Sweet Clover. After he learns to raise and feed it, he will be able to secure nearly as much profit per acre as does his neighbor from alfalfa on land and conditions adapted to alfalfa. Sweet Clover is very hardy, and makes a rank growth of stems, leaves and roots, but is not so persistent, as it may be killed easily by cutting when in bloom. If allowed to mature, it will reseed itself abundantly, even when pastured, and continue like a perennial from year to year as long as wanted without sowing again.

Many of our growers claim best results by planting in the fall, claiming that they get a better stand. It is true that the hulled seed, when planted in the spring, is slow to germinate, and that it takes two years to get a good stand, but we believe that the results from spring planting are just as good as fall. We carry both the hulled and the unhulled seed, and for those who plant in the fall we recommend the unhulled seed. Sow 15 to 25 pounds per acre.

Hulled Sweet Clover By freight or express at purchaser's expense: **Lb., 50c; 10 lbs., \$4.50; 25 lbs., \$10.00; 100 lbs., \$37.50.** If ordered sent by Parcel Post add 5c per pound for postage.

Unhulled Sweet Clover By freight or express at purchaser's expense: **Lb., 35c; 10 lbs., \$3.00; 25 lbs., \$7.00; 100 lbs., \$27.50.** If ordered sent by Parcel Post add 5c per pound for postage.

Sweet Clover, Yellow Blossom

(Melilotus Officialis.) As the habits and qualities of Yellow Blossom Biennial Sweet Clover become better known its production increases. With its numerous advantages over the White Blossom Biennial it will soon surpass, if not supersede, it as a hay and forage crop, as the lateral shoots of the Yellow Blossom Biennial are more numerous, much nearer the ground, and more like those of alfalfa than the White Blossom. In fact, it may be called a cross between Alfalfa and Sweet Clover, as it has the low branching habit of the alfalfa, producing numerous stalks which are finer, making better hay and pasture, and can be cut and pastured much closer to the ground than those of the White Blossom, which, coupled with the hardness, earliness and adaptability of the Sweet Clover, enables it to thrive in soils, climates and under conditions where alfalfa would fail. Therefore, it is much more valuable for the average farmer than the White Blossom variety, which grows a large, coarse stalk, with the crown or lateral shoots growing out several inches above the ground, preventing close cutting and pasturing. By freight or express at purchaser's expense: **Lb., 50c; 10 lbs., \$4.50; 25 lbs., \$10.00; 100 lbs., \$35.00.** If ordered sent by Parcel Post add 5c per pound for postage.

Grasses

NO GRASS. NO STOCK; NO STOCK, NO MANURE; NO MANURE. NO CROPS; NO CROPS, NO RETURNS.

Grasses and meadows have suffered far more from the effects of the war than any of the farm crops, as they were in best condition to produce the grain crops urged grown by the government, and were the first to be plowed up, which automatically cut off the supply of hay and seed of these as long as the war continued, with these fields devoted to grain there was but little demand for grass seed to reseed them, but with the ending of the war came an unusually heavy demand for seed for reseeding purposes to find seed stocks almost exhausted and the source of supply (the meadows) converted to other uses. Therefore, the grass seed situation is the most serious of any of the farm and field seeds, as we must first produce the seeds for reseeding before we can do much seeding. In view of these conditions high prices of hay and seed are inevitable for several years to come.

Orchard Grass

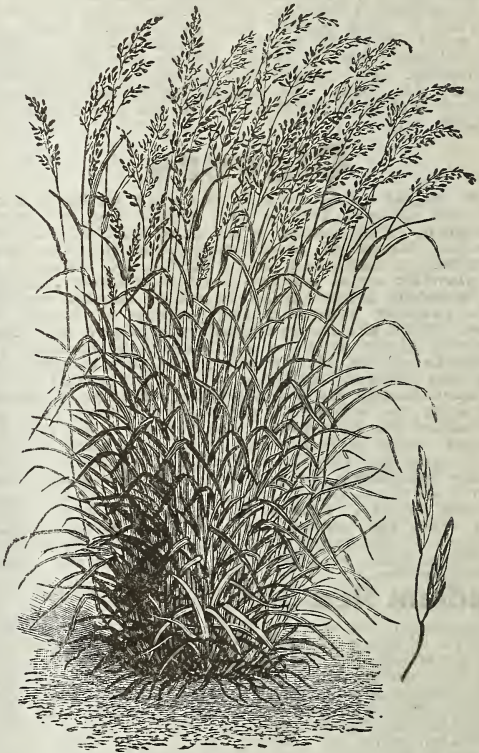
Desirable on account of its quick growth and drought resisting qualities. It is ready for grazing in the spring two weeks earlier than most grasses and, when eaten off, is again ready for grazing in a week's time, and will continue green when other grasses are withered by drought. It is well suited for shady places, such as orchards and groves. Grows on all kinds of lands, but does best on deep, rich, sandy loam or clay soils. It grows in tufts and does best when sown with clover, as it ripens at the same time, and the mixed hay is of the best quality. If sown alone, sow 25 to 30 pounds per acre; if sown with clover, about half that amount. By freight or express at purchaser's expense: **Lb., 45c; 10 lbs., \$4.00; 25 lbs., \$9.50; 100 lbs., \$35.00.** If ordered sent by Parcel Post add 5c per pound for postage.



Orchard Grass

Timothy

The most valuable of all grasses for hay, and the standard by which all other hay is compared. There is not another variety of natural or tame grass so generally known. It is especially suited to rich, moist land, where it grows to perfection, and yields, under favorable circumstances, large crops of hay. Timothy does not make a desirable pasture, as but little growth is made after being cut, and the trampling of stock soon destroys it. When sown with clover, it makes a splendid mixture, and when it is about half an half, the Timothy yields fully as much as if alone and you have the clover extra. One feeds off the rich soil, and the other the air, the clover greatly enriching the land. By freight or express at purchaser's expense: **Lb., 25c; 10 lbs., \$2.25; 25 lbs., \$5.00; 100 lbs., \$18.00.** If ordered sent by Parcel Post add 5c per pound for postage.



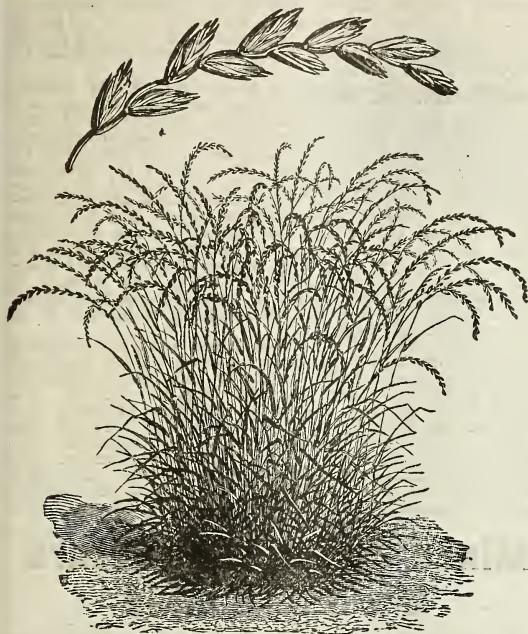
Meadow Fescue

Meadow Fescue or English Blue

Grass

We regard this as one of the most valuable grasses, as it adapts itself to different conditions of soil and climate. Especially suited for permanent pasture; also fine for hay. It gives a large amount of early and late pasture, and when cut for hay, yields from 2 to 4 tons per acre of fine quality and very nutritious feed. It is a persistent grower; its roots penetrate deeply; it does well on wet or dry bottoms, hillsides, gravelly, clay and loamy lands. It never freezes out or winter kills, and is not easily affected by drought. Sow 15 to 25 pounds per acre. By freight or express at purchaser's expense: **Lb., 50c; 10 lbs., \$4.75; 25 lbs., \$11.25; 100 lbs., \$42.50.** If ordered sent by Parcel Post add 5c per pound for postage.

John Pruitt, Seligman, Arizona: I never bought seed from any firm that gave as good satisfaction as yours. I want to tell you that every word of advice in your catalog is absolutely correct. I have not failed to raise a crop from any seed I got from you. From the seed corn I got from you this year I raised about 40 bushels per acre.



English or Perennial Rye Grass

English or Perennial Rye Grass

This is becoming well known in this country as a valuable pasture grass, which will bear frequent close cropping. Produces an abundant foliage, which remains bright green during the season. It will grow well on almost any land, but does better on good soil. It is used largely with Kentucky blue grass in making lawns. It grows more quickly than the Kentucky blue grass, and by combining the two, an earlier and better lawn can be made. For pasture, sow 30 to 40 pounds per acre; for lawn, 60 to 70 pounds. By freight or express at purchaser's expense: **Lb., 30c; 10 lbs., \$2.75; 25 lbs., \$7.50; 100 lbs., \$22.50.** If ordered sent by Parcel Post add 5c per pound for postage.

Kentucky Blue Grass This makes the best, sweetest, and most nutritious pasture for all kinds of stock. It is the first grass to start in the spring, and remains green until late in the fall. It is very hardy, not easily injured by cold or dry weather, hot sun, or trampling of hoofs, as the roots are so thick and stout they form a tough sod, which protects it. This is the grass from which our most beautiful lawns are made. For meadow, sow 25 to 30 pounds to the acre; for lawns, 125 to 150 pounds. By freight or express at purchaser's expense: **Lb., 45c; 10 lbs., \$4.25; 25 lbs., \$10.00; 100 lbs., \$37.50.** If ordered sent by Parcel Post add 5c per pound for postage.

Italian Rye Grass This is distinct from the English Rye Grass. It makes a much larger and stronger growth, with large, broad, green, glossy blades. Being an annual variety, it lasts only one year. It succeeds best on rich, moist soils. It grows very quickly, and will stand close pasturage. Sow about 25 pounds per acre. By freight or express at purchaser's expense: **Lb., 30c; 10 lbs., \$2.75; 25 lbs., \$7.50; 100 lbs., \$22.50.** If ordered sent by Parcel Post add 5c per pound for postage.

Red Top Hulled The best grass for rich, moist lowlands, where it grows abundantly. It is a good variety to sow with clover or timothy, and is more permanent than either of them. It should be kept closely fed; if allowed to grow up to seed, stock dislike it. On good soil it grows about 2 feet high; on poor, gravelly land, about half that height. It has been grown successfully even on alkali lands, where other grasses failed. Red Top is commonly known

as Herd's Grass, and should be more extensively grown, especially in combination with other grasses. Sow 15 to 20 pounds of clean, hulled seed per acre. By freight or express at purchaser's expense: **Lb., 40c; 10 lbs., \$3.75; 25 lbs., \$7.50; 100 lbs., \$27.50.** If ordered sent by Parcel Post add 5c per pound for postage.

Bromus Inermis or Brome Grass

Drought-defying, frost-resisting. Yields enormous crops of splendid hay, and affords early and abundant pasture. It adapts itself to almost any condition of soil and climate, and to any use to which grass may be put. We have reports from the plains of Wyoming and Montana, and from the mountains of Colorado and Utah, and from the fields and valleys of New Mexico and Arizona, and they, one and all, praise the yield, vitality, and adaptability of Brome Grass. It is equal in quality, and rivals in yield almost any other grass. The roots penetrate the soil deeply, and form fresh plants on every side. It starts from two to three weeks earlier in the spring than native prairie grass, and keeps green in autumn longer than any of the useful grasses grown in the West. No amount of cold seems to affect it, and it surpasses all other grasses in resisting heat and drought. It equals timothy for hay, and is splendid to sow with alfalfa, clover, meadow fescue or orchard grass for pasture. As a crop for this Western country, it ranks in importance to alfalfa and clover. We cannot recommend it too highly, as it should be grown more extensively. Sow 20 to 30 pounds per acre. By freight or express at purchaser's expense: **Lb., 45c; 10 lbs., \$4.25; 25 lbs., \$10.00; 100 lbs., \$37.50.** If ordered sent by Parcel Post add 5c per pound for postage.



Brome Grass or Bromus Inermis

Canadian Blue Grass This is a hardy perennial grass, which forms a strong turf or account of its dense creeping root stalks. It adapts itself to all soils and withstands the differences of soil and climate better than most other grasses. For a lawn, it is invaluable where the turf is subjected to hard usage. Sow 30 pounds of seed to the acre. By freight or express at purchaser's expense: **Lb., 35c; 10 lbs., \$3.25; 25 lbs., \$7.50; 100 lbs., \$27.50.** If ordered sent by Parcel Post add 5c per pound for postage.

Evergreen Lawn Mixture This mixture has given such excellent satisfaction in the past, and is so highly praised by those who have used it, that we shall not attempt to change it in any way. In this mixture we carefully blend Kentucky blue grass with several varieties of fibrous-rooted grasses, including proper proportion of White Clover, which forms a thick, tough sod, making a luxuriant green lawn, which will endure much use, and remain green and beautiful thruout the season. For a beautiful, permanent lawn, use Burton's Evergreen Lawn Mixture. There is none better. By freight or express at purchaser's expense: **Lb., 45c; 10 lbs., \$4.25; 25 lbs., \$10.00; 100 lbs., \$37.50.** If ordered sent by Parcel Post add 5c per pound for postage.

Sudan Grass THE NEW HAY AND FOR-
AGE PLANT. This valuable grass was introduced into the United States in 1909. It has been well tried on all kinds of soils in Colorado and the Middle West, and the many most flattering reports received by us indicate it has come to stay.

Sudan Grass is strictly an annual, and dies each year like millet, and must be seeded again each year. This makes it fit admirably into any system of rotation, and, while it does not benefit the soil like legumes, it does afford a change of crops, and this is always a good thing for the soil. Sudan Grass is tall, reaching a height of from 7 to 9 feet. The stems are small and are rarely larger than a lead pencil. The plant stools wonderfully and produces, under favorable conditions, as many as 100 stalks from a single root. It has been grown successfully in all kinds of climate, under all sorts of conditions. It grows in any soil (except wet or seepage lands). One of its best qualities is its resistance to drought, this making it one of the most valuable crops for the dry land farmer, as it will thrive and produce a crop of hay with less moisture than any forage crop yet introduced. It produces from 3 to 5 tons of excellent hay to the acre. Stock eat it with avidity, preferring it to other hays, including alfalfa.

Sudan Grass may be planted in early spring, when danger of frost has passed. In warm climates it may be sown during May, and produce three good crops of hay. For seed purposes, it should be sown in cultivated rows about 36 inches apart, using from 3 to 5 pounds of seed to the acre; and for hay purposes, in close drills, or broadcast, using about 20 pounds of seed to the acre. For hay, the crop should be cut as soon as it is fully headed; early cutting is advised. For seed, always take the first crop, cutting when the seed is fully ripe and well matured. It can be cut with a mower or binder, preferably with a binder, as it is easier to handle in bundles for the thrasher, and the seed not so liable to shatter.

The fact that this nutritious grass can be sown in the spring, and a good crop of hay, surpassing alfalfa in quality and quantity, be harvested the same season, should convince every farmer and stockman that Sudan Grass is the greatest acquisition to our Western forage plants since the introduction of alfalfa. Everyone should give this grass a good trial. By freight or express at purchaser's expense: **Lb., 30c; 10 lbs., \$2.75; 25 lbs., \$6.25; 100 lbs., \$22.50.** If ordered sent by Parcel Post add 5c per pound for postage.

Bermuda Grass The Bermuda is a native Southern Grass, but on account of its wonderful drought resisting qualities its growth has been extended northward until it is now being grown successfully in Northern Oklahoma and Kansas, and no doubt, as it becomes acclimated, its growth will be extended still further north. It has a wonderful root system, enabling it to succeed in hot, dry climates, where other grasses would perish. It is splendid for

sowing on the banks of dams, gullies and thin land to prevent washing. By freight or express at purchaser's expense: **Lb., 85c; 10 lbs., \$8.00; 100 lbs., \$75.00.** If ordered sent by Parcel Post add 5c per pound for postage.

Johnson Grass A perennial in the South, but an annual in this territory, as the winters here are too severe for it, and it winter kills, preventing it from becoming a pest, as in the South. In habit, appearance and quality it resembles Sudan Grass. In fact, it is from the same family of sorghums, and is the nearest substitute we have for Sudan. About the only difference in the two is that Johnson Grass has a larger root system, which should make it more drought-resisting. It thrives best on heavy black soils. Its greatest value is as a hay grass, and for that purpose cannot be excelled. The hay, like Sudan, is coarse and not attractive in appearance, but stock of all kinds eat it greedily, seeming to prefer it to other kinds of hay.

It grows from 3 to 4 feet high, usually yielding two cuttings annually, making from 3 to 5 tons per acre of most excellent hay. For hay, most growers begin to cut it when the grass begins to head. We recommend sowing about 30 pounds of seed per acre, as the quality of the hay when thick on the ground is superior to that when it is thin on the ground, and the stalks grow large and coarse. By freight or express at purchaser's expense: **Lb., 35c; 10 lbs., \$3.25; 25 lbs., or more, 30c per lb.** If ordered sent by Parcel Post add 5c per pound for postage.

Mixed Grass for Pasture and Hay Lands

We can supply a variety of suitable mixture for land in our Western states, which we can fully recommend to our customers. They are prepared with great care, and are selected from the best grades of each variety of grass most fitted to the various soils for which they are recommended. For hay and pasture, permanent meadow mixtures, composed of grasses that will produce a good, permanent sod, besides yielding heavy hay crops.

For Light and Gravelly Soils

Mixture of Perennial Rye Grass, Orchard Grass, Kentucky Blue Grass, Timothy, Red Top, Alsike and Meadow Fescue. Especially well adapted for thin soils, rocky fields and gravelly meadows, such as are found in our own mountainous district. An extremely hardy mixture. Sow 25 pounds to the acre. By freight or express at purchaser's expense: **Lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.25; 100 lbs., \$37.00.** If ordered sent by Parcel Post add 5c per pound for postage.

For Rich Loam or Prairie Soils

This mixture of Italian Rye Grass, Orchard Grass, Kentucky Blue Grass, Perennial Rye Grass, Meadow Fescue, Red Clover, White Clover and Alsike, is well suited for rich soils, with or without irrigation, and even under light rainfall. If you have soil that will retain what moisture that falls upon it, this mixture will be admirable. Sow 25 pounds to the acre. By freight or express at purchaser's expense: **Lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.25; 100 lbs., \$35.00.** If ordered sent by Parcel Post add 5c per pound for postage.

For Wet Soils or Land Subject to Overflows

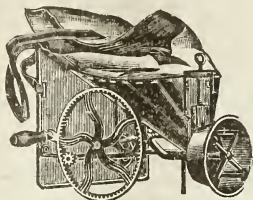
For periodically wet fields, stream banks, creek bottoms, islands, and permanently damp meadows, this mixture of Red Top, Timothy, Meadow Fescue, Kentucky Blue Grass and Alsike, gives excellent results. Sow 25 pounds to the acre. By freight or express at purchaser's expense: **Lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.00; 100 lbs., \$37.00.** If ordered sent by Parcel Post add 5c per pound for postage.

For Orchards and Shady Places

Mixture of Orchard Grass, Meadow Fescue, English (Perennial) Rye Grass, Red Clover, and fields shut off from much sunlight, this mixture gives fine results. By freight or express at purchaser's expense: **Lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.25; 100 lbs., \$39.00.** If ordered sent by Parcel Post add 5c per pound for postage.

Seeders and Planters

Cahoon The best and most extensively used seeder on the market. It is simple, strong and durable, and easily operated. For sowing wheat, oats, rye, barley, alfalfa, and all kinds of grass seeds, it has no equal. It will sow evenly from 4 to 6 acres an hour. It will scatter wheat, barley and rye 25 feet; timothy and clover, 18 to 20 feet. The bag and hopper hold about 22 quarts. Weight, 5¼ pounds.



The Cyclone Seed Sower

Is considered by all who have used it to be the best and most practical low-priced Seeder on the market. It has a slanting feed board, keeping hopper properly filled. Its Automatic Feed Adjustment starts or stops flow instantly. Its Oscillating Feed Agitator makes it positive Force Feed. Can't clog. Has



Patent Distributing Wheel; no soldered joints; full regulation size; scatters seeds evenly always. Has Triple Gears. All adjustable. Has large Hopper. Unequaled capacity, yet easy to handle. A practical machine for all broadcast seeding. Carried comfortably by a strap over the shoulder, not around the neck, and is shaped to fit the body. It is built right and works right. By freight or express at purchaser's expense:

The Black Hawk Corn Sheller

The handy, fast shelling, easy running Sheller. Quickly attached to box or barrel. Shells any size ears of corn. Each, \$3.25; postpaid, \$4.00.

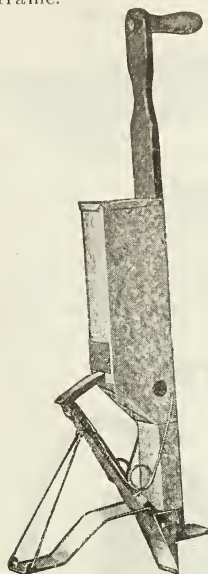
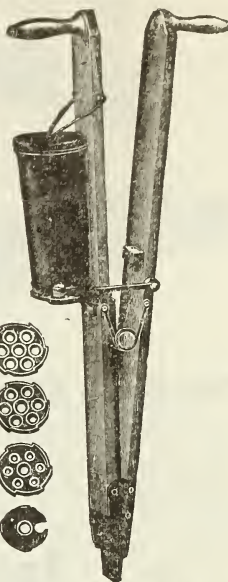


Mr. R. F. Wyatt, Bardeen, Colo.: The seeds were the best we have ever purchased. The Rhubarb roots and Golden Bantam seed were especially worthy of mention. Before planting seed of any kind, no matter from whom purchased, we apply a test for germination. Your seeds showed a very high per cent.

Corn Planters

Diamond Rotary Corn Planter

The Diamond is the most perfect Rotary Corn Planter on the market. Has four disks, one especially for Broom Corn and seeds of that kind. The Diamond is made with wood and iron frame.

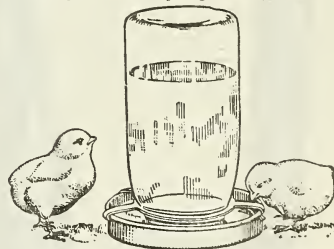


Segment One-Hand Corn and Bean Planter

Segment seed pockets can be adjusted from the outside to plant any size beans or corn. By freight or express at purchaser's expense: \$1.75; by Parcel Post, prepaid, \$2.25.

N. W. Automatic Fountain and Feeder

Feeds water, grain, grit, etc. automatically. It is easy to fill and operate. Made to fit any half-gallon, quart or pint Mason jar. We do not furnish jars. Price: Postpaid: 25c each; 2 for 45c. At purchaser's expense: 20c each; 2 for 35c.



The Wall Grit and Shell Box

Is used for Charcoal, Grit and Shells. It can also be used for feed for chickens. The round bottom prevents clogging, and is very strong and durable. It is made of Galvanized Iron. Height, 13½ inches; width of top, 4½ inches; width of bottom, 3½ inches. Price, postpaid: \$1.10 each. At purchaser's expense, \$1.00 each.

Mrs. Geo. S. Henderson, Hotchkiss, Colo.: I am more than satisfied. Your seeds were a success in every respect. Your seeds and plants seem to be well adapted to the soil here. I ordered tomato plants from you and had splendid success with them. I also ordered a collection of Dahlia bulbs. They were simply grand, and were the admiration of hundreds of people. Our ranch is on the main road to Delta, Montrose, and Ell, where there is a great deal of traffic, and I surely advertised your Dahlia bulbs. I certainly shall order another collection from you the coming spring.

Spraying Suggestions

Do not spray when trees are in bloom, as it will reduce the crop and kill the bees, which are valuable friends of the fruit grower. Spray just after the blossoms fall.

Wooden tubs, barrels or earthen jars should be used when preparing mixtures which contain copper sulphate, corrosive sublimate or arsenate of lead.

Carefully label all substances used in making spraying mixture, and keep them some place where they cannot be used by mistake.

Arsenical sprays should not be applied to fruits, etc., within two weeks of the time they are to be used as food.

When through using the spray pump should be cleaned by forcing a little water through it.

Do not spray immediately after a shower or heavy dew.

Do not spray indiscriminately, but study the pests you have to combat and adopt the most effective means of destroying them.

When and How to Spray

APPLE—Bud Moth and Case Bearers. Use Paris Green or Arsenate of Lead. One pound of Paris Green or four pounds of Arsenate of Lead in 100 gallons of water. Spray first when leaf tips appear, and again just before the blossoms open, and, if necessary, again after blossoms fall.

APPLE—Canker Worms. Use Paris Green or Arsenate of Lead. One pound of Paris Green or four pounds of Arsenate of Lead in 100 gallons of water. Spray once or twice before blossoms fall; repeat application after blossoms fall.

APPLE—Coddling Moth and Tent Caterpillar. Use Paris Green or Arsenate of Lead. One pound of Paris Green or four pounds of Arsenate of Lead in 100 gallons of water. Immediately after blossoms fall; repeat application three weeks later.

APPLE—Scab. Lime Sulphur or Bordeaux. Lime Sulphur 1-40 or with Bordeaux 3-3-50. Spray first just before blossoms open and again just after blossoms fall; again 10 to 14 days later.

ASPARAGUS—Rust. Use Bordeaux Mixture 5-5-50, with sticker of resinal soda soap. Begin spray after cutting as soon as shoots are 8 to 10 inches high. Repeat once or twice a week until September.

CABBAGE—Worm. If cabbage not heading use Paris Green or Arsenate of Lead, using whale oil soap as a sticker. If plants are heading, use kerosene emulsion or Hellebore. Begin spraying as soon as worms appear, repeat every four or five days until they disappear.

CABBAGE—Aphis. Use kerosene emulsion, whale oil soap, Nicotine or Black Leaf 40, diluted with water. Begin as soon as the aphid appears, and continue at intervals every four or five days until they disappear.

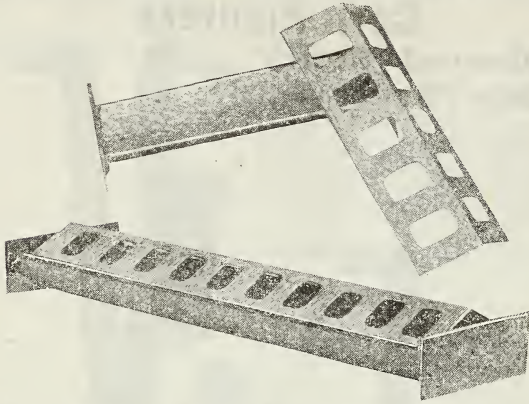
CUCUMBER—Striped Cucumber Beetle. Use Bordeaux Mixture 5-5-50. Cover vines well, and keep them covered until they disappear.

CELERY—Leaf Blight. Use Bordeaux Mixture 5-5-50. Begin while plants are in the seed beds, applying it several times before setting them out. After being set in the field watch them closely, and upon the first appearance of blight spray, and repeat every 3 to 5 days as long as is necessary.

ONION—Thrip. Use kerosene emulsion, whale oil soap or tobacco extract. Spray thoroughly and repeat as often as is necessary.

ONION—Maggot. Before planting, float the onion seed in a solution of Blue Vitrol about same strength as you do wheat for smut. We have learned from experience, that the egg that produces the maggot is laid on the onion seed before they are harvested, and hatch the next season after the seed are sown. This is a simple remedy and worth trying.

ONION—Mildew. Use Bordeaux Mixture 5-5-50. Add one gallon of sticker to every 50 gallons of water. Begin as soon as the disease appears, and repeat every 10 days until harvested or until the disease disappears entirely.



The Chick Feed Trough is Gable-shaped grate top, with rounded top—preventing waste. It is made with one piece of metal, and is very easily cleaned. Height, 2½ inches. This trough is exceedingly fine for feeding chickens, as it keeps them from wasting and fouling feed. **Price, Postpaid: 35c each. At purchaser's expense, 30c each.**

Sprayers



Auto Spray No. 1-A

Works automatically from six to fifteen minutes, according to the nozzle opening. It may be charged in fifteen seconds by a few strokes of the plunger, and two pumpings will usually discharge the entire contents. Simply fill two-thirds full of solution and pump up air pressure. Tank diameter, 7 inches; height, 2 feet; capacity, 4 gallons. **Price, brass tank with stop cock, \$9.00, F. O. B. Denver. By Parcel Post, prepaid, \$10.00.**

Faultless Sprayers

No gardener or poultry raiser can afford to be without one of these Sprayers. They are serviceable and cheap. Just the thing for applying Liquid Lice Killer in cracks and crevices about the chicken house that you are unable to reach with a brush. Also useful for spraying shrubs and plants in and out of hot beds.

THE MAIL ORDER SEED HOUSE OF THE WEST

POTATO—Colorado Potato Beetle. Use Paris Green, two pounds to 100 gallons of water, or Arsenate of Lead, four pounds to 100 gallons of water. This can be combined with Bordeaux Mixture 5-5-50, which is a very effective remedy. Begin with the first appearance of the beetle, and spray regularly every five or six days as long as is necessary.

POTATO—Flea Beetle, Blight and Rot. Use Bordeaux Mixture 5-5-50. Begin when plants are 6 to 8 inches high and continue every 10 to 12 days during the season.

MUSKMELON—Wilt Caused by Beetles. Use Bordeaux Mixture 5-5-50. Spray thoroughly and continue as long as is necessary.

MELON—Aphis. Use kerosene emulsion or tobacco extract diluted with water. Thoroughly cover under side of leaves, and repeat as often as is necessary.

SQUASH—Striped Bug. Use kerosene emulsion, repeating as often as is necessary.

TOMATO—Leaf Spot or Blight. Use Bordeaux Mixture 5-5-50. Begin as soon as plants are set out, repeating every ten days. Spray under side of leaves as well as top.

INSECTICIDES AND FUNGICIDES

Insure Your Garden and Orchard Against Bugs

Write For Book of Directions

Devoe Pure Paris Green

The Old Reliable, a strong effective poison for Potato Bugs, Tobacco, and other leaf-eating insects. Can be applied either dry or in a solution of water. DEVOE—the strongest and brightest Paris Green on the market.

For the convenience of the consumer, we put Paris Green in—

1/4-lb. Cartons	.....	20c each
1/2-lb. Cartons	.....	35c each
1-lb. Cartons	.....	70c pound
2-lb. Cartons	.....	60c pound
5-lb. Cartons	.....	55c pound
14-lb. Kits	.....	Ask for Prices.
28-lb. Kits	.....	for Prices.
100-lb. Kegs	.....	for Prices.
Arsenic Casks	.....	(About 250 lbs.)



Lime and Sulphur Solution

Guaranteed to test 33 Degree Beaume.

A Fertilizer, a Sheep Dip, a Fungicide. It is generally conceded that the best defense against San Jose Scale and kindred enemies of the orchard, is in spraying with a solution of Lime and Sulphur. The experimental stations and leading orchardists now generally recommend its use. To meet the growing demand for this remedy we are now supplying the trade with Devoe Lime and Sulphur Solution. The two are perfectly combined, thus securing the largest percentage possible of sulphide of sulphur, the only form of sulphur of value as a spray. It is clear, free from insoluble matter, highly condensed and of great strength. One of the finest Cattle Dips manufactured. Devoe Lime and Sulphur Solution, Cattle and Sheep Dip complies with all the requirements of the regulations contained in Bureau of Animal Industry Order 245.



1/4-Gallon Cans (48 to case)	.....	35c each
1/2-Gallon Cans (24 to case)	.....	60c each
1-Gallon Cans (6 to case)	.....	90c each
5-Gallon Kits	.....	Ask for Prices.
1/2 Barrels (about 30 gals.)	.....	for Prices.
Barrels (about 50 gals.)	.....	for Prices.

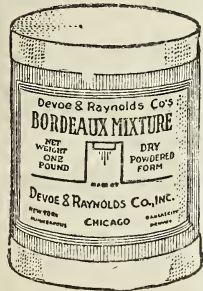
Devoe Bordeaux Mixture

Dry Powdered Form—Fungicide—Analysis. DIRECTIONS FOR USE.

To Control Scale and Blight—For all Fungoid diseases. The best Fungicide for curing or preventing Block, Rot, Mildew, light, Leaf Curl, Scab or other Fungoid diseases on fruit and plants, if used dry.

For potatoes, dust without reduction, 4 to 5 pounds per acre (according to size of vines). For fruit trees, dust after reducing one pound of Dry Bordeaux with 20 pounds of lime dust.

For Spray: To make the equivalent of 4-4-50 mixture, use eight pounds of Dry Bordeaux Mixture to 50 gallons of water. For 5-5-50 mixture, use 10 pounds to fifty gallons of water.



1-lb. Cartons	.....	35c each
5-lb. Cartons	.....	30c pound
10-lb. Boxes	.....	27c pound
25-lb. Drums	.....	Ask for Prices.
50-lb. Drums	.....	for Prices.
100-lb. Drums	.....	for Prices.

Formaldehyde This solution is used to prevent fungoid diseases, such as Potato Scab, Wheat Smut, etc. The dilution for most purposes is one pound of Formaldehyde to 15 or 20 gallons of water. One to two gallons of solution is required to treat each bushel of potatoes. Formaldehyde being liquid cannot be mailed. Price per bottle, 65c.

Devoe "Sure Noxem" Dry Powdered Form

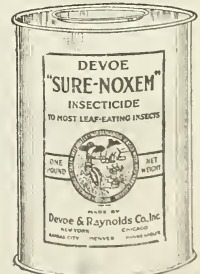
Insecticide—To Most Leaf-Eating Insects.

One of the best vegetable insecticides in use. Specially recommended for destroying worms and insects.

What To Use It On

Cabbage, Cauliflower, Tomato Plants, Cucumber Vines, Melon Vines, Currant Bushes, Gooseberry Bushes, Vegetables and Flowers of all kinds attacked by Leaf-eating Insects.

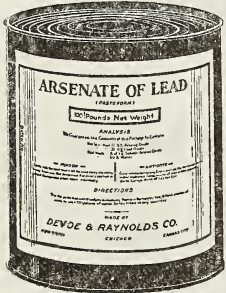
1-lb. Sifter Top Cartons	.....	20c ea.
5-lb. Packages	.....	14c lb.
10-lb. Boxes	.....	12c lb.
25-lb. Drums	.....	Ask for Prices.
50-lb. Drums	.....	for Prices.
100-lb. Drums	.....	for Prices.
300-lb. Barrels	.....	for Prices.



All of the above Insecticides must be sent by freight or express. The parcel post will not take them.

Devoe Arsenate of Lead Pulp Form

Paste Arsenate of Lead is better than government requirements in the matter of percentage of Arsenic Oxide. An effective insecticide chiefly for many of the Bugs, Worms and Moth that fruit growers have to contend with. It comes in paste form and can be easily mixed with water. It forms a milky film when sprayed on foliage which does not readily wash off with rain. Good for potatoes and tobacco and all kinds of fruit trees.

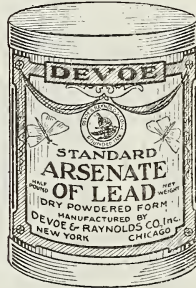


PUT UP IN

1-lb. cans (100 to case)	35c ea.
5-lb. Cans (20 to case)	30c lb.
12½-lb. Kegs.	24c lb.
25-lb. Kegs.	22c lb.
50-lb. Kegs.	Ask
100-lb. Kegs.	for
½ Bbls. (about 400 lbs.)	Prices.
Barrels (about 600 lbs.)	

Devoe Arsenate of Lead, Dry Powder Form

The Perfect Insecticide. An effective insecticide for leaf-eating insects and particularly suitable for very tender foliage. Due to the light, fluffy character of this material and its adhesive qualities it insures quick and effective control. Under favorable conditions will not injure the foliage. Can be used on Apple, Pear, Peach and Plum trees, Potatoes, Corn, and Vegetables of all kinds that may be attacked by leaf-eating insects.



PUT UP IN

½-lb. Cartons	30c each
1-lb. Cartons	55c each
5-lb. Cartons	50c pound
10-lb. Boxes	40c pound
25-lb. Drums	
50-lb. Drums	Ask
100-lb. Drums	or
200-lb. Barrels	Prices.

Devoe Calcium Arsenate Dry Powdered Form

For the control of Potato Bugs. Calcium Arsenate is a lighter, more fluffy powder than Arsenate of Lead or Paris Green—more bulky. When used dry, will dust more plants per pound, and when mixed with water will stay in suspension better and give you better and more uniform distribution. Lead Oxide in Arsenate of Lead has no insecticide or fungicide value; but Calcium Arsenate is made on a lime base which has fungicide value. Lime adheres perfectly to foliage; will not wash off easily and is white. For protection against the potato beetle, cabbage and tobacco worms.



PUT UP IN

½-lb. Cartons	25c each
1-lb. Cartons	45c each
5-lb. Cartons	40c pound
10-lb. Boxes	36c pound
25-lb. Drums	Ask
50-lb. Drums	for
100-lb. Drums	Prices.
200-lb. Drums	

Black Leaf 40 A tobacco extract, the strongest extract of tobacco made, being 40 per cent pure nicotine. Black Leaf 40 is non-volatile, so that the full strength is available; it is most valuable as a spray for Aphid (Plant Lice) or Thrips. Dilute 1 to 500 and use with 1 pound Whale Oil Soap to 50 gallons of water. Price: ½-lb. tin, \$1.00; 2 lbs., \$3.25; 10-lb. tin, \$13.75. Cannot be sent by mail.

Tobacco Dust Very largely used and very effective against Green and Black Aphid, fleas and other pests on plants; also prevents insects in the ground and around the roots; apply by dusting the plants; it also acts as a good fertilizer. Price: 1 lb., 20c; 2 lbs., 35c; 10 lbs., \$1.50; 100 lbs., \$10.00.

Hellebore Not being so poisonous as Paris Green, is safer to use on fruit and vegetables. It is one of the best remedies for the Gooseberry or Currant Fly, if applied when the blossoms appear. Dust on dry or dissolve one ounce in 3 gallons of water and apply with spray. Price: ¼-lb., 85c; ½-lb., \$1.50; 1 lb., \$2.50.

All of the above Insecticides must be sent by freight or express. The parcel post will not take them

CO-OPERATION

CO-OPERATION is "the act of working together," and that is our object and desire. The old saying that "Two heads are better than one" is often true. Our operations and experiences cover practically everything pertaining to the Garden or Farm. The result of our experience or a suggestion may assist you in solving some of your problems. On the other hand your experiences and suggestions may assist us in solving some of the problems presented to us. Your problems are our problems.

We want your co-operation, and want you to feel free to write us for any information you may desire concerning your Garden or Farm. We will also appreciate any criticisms or suggestions you may make that you think would be of benefit to us, or the thousands of gardeners and farmers who receive our Catalog annually, and who may be benefited thereby. From criticisms we learn our weaknesses, from suggestions we overcome them.

Nothing pleases us as much as to receive inquiries and suggestions from our friends and customers; by such, we know they are interested in our work and wares, and are seeking or disseminating knowledge for better methods and conditions. We again invite your co-operation, and trust you will write us freely concerning your operations and experiences. If we can help you in any way, at any time, in making your garden or farm work easier, more profitable, and more worth while to you, don't hesitate to call upon us. Our experience, our knowledge, and our facilities are at your command.

COMMERCIAL FERTILIZERS

The maintenance of soil fertility is one of the most difficult problems that farmers and gardeners have to contend with, and although they can, to a certain extent, keep up the fertility of their soil by the use of manure, proper rotation of crops, and other intensive farming methods, there are certain plant-food elements which can only be restored to the soil through the use of Commercial Fertilizers. Plants, like animals, must be fed a balanced ration if successful results are to be attained.

Nitrogen of Ammonia, Phosphoric Acid or Phosphate of Lime and Potash are the three elements which are generally lacking in soils. But in the West Phosphoric Acid is the most deficient, and as animal bone is the principal source of this element; we are in a position to supply this in its most economical form.

Commercial fertilizers are not intended as a substitute for manure, whose greatest value lies in the large amount of humus (decaying vegetable matter) it contains, but are intended to supplement it and supply the elements in which manure is deficient. They are carriers of plant-food in an available or soluble form, and are scientifically prepared in the right proportion to meet the needs of different soils and crops.

DIRECTIONS:

Most directions for the applications of fertilizers are given in pounds per acre, and the following may be of aid to those who want to fertilize small plots:

Two hundred pounds per acre will equal one pound for a plot 10x21 feet.

Following the same ratio it is found that four hundred pounds per acre equals one pound for a plot 10x11 feet, and so on.

Coffin's Lawn Dressing A fertilizer made from tankage and bone so mixed as to insure a quick start to your lawn grass and promote a vigorous growth throughout the season, which prevents weeds from choking it out. The use of barnyard manure on a lawn is very objectionable, as it detracts from its appearance, and is apt to bring a great many weed seeds, as well as disease germs.

Coffin's lawn dressing is practically odorless; is in a convenient form to handle, and has none of the above mentioned objections. The cheapest and best fertilizer for lawns. By freight or express at purchaser's expense: 10 lbs., 50c; 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lbs., \$2.50.

Coffin's Vegetable Grower

No other investment will give you bigger profits than the use of fertilizer in your garden. Our vegetable grower is specially prepared for such garden crops as tomatoes, potatoes, carrots, onions, etc. Increases your yield and brings your vegetables into market ten days to two weeks earlier, thereby getting the higher prices. By freight or express at purchaser's expense: Per cwt., \$2.50.

Nitrate of Soda

A vigorous, quick acting fertilizer for use on sweet peas and other flowers; should be mixed with other fertilizers and applied only after the plants are above the ground. It is odorless. By freight or express at purchaser's expense: Per cwt., \$15.00.

Steamed Bone Meal

An excellent fertilizer for lawns and shrubs. Very finely ground, and thus quickly available. Florists use it extensively in their greenhouses. By freight or express at purchaser's expense: Per cwt., \$3.00.

Raw Bone Meal

Although slower in action than the above it is the most lasting in its effects, and can be used with splendid results on lawns, shrubs, permanent pastures, or wherever lasting results are desired. By freight or express at purchaser's expense: Per cwt., \$3.25.

Pulverized Sheep Manure

Treated so as to be free from weed seeds, ground and put up in convenient form to handle. By freight or express at purchaser's expense: Per cwt., \$1.25.

Let us quote you special prices on large quantities of Fertilizers.

No order accepted for less than 100 pounds of any one Fertilizer, except Lawn Dressing, which is put up in 10, 25, 50 and 100-pound packages.

AMOUNTS PER ACRE:

Wheat, corn or oats.....	200 to 400 lbs.
Sugar beets.....	300 to 500 lbs.
Potatoes, tomatoes, cabbage and celery	300 to 500 lbs.

Strawberries, raspberries.....	400 to 600 lbs.
Cucumbers, melons.....	300 to 500 lbs.
Lawns and permanent pastures.....	500 to 600 lbs.
Flower and vegetable garden.....	300 to 500 lbs.

NOTICE!

Preserve this catalog for future reference, as we issue only one edition each year. We have made it handy to preserve by inserting in it a string to hang it up by, and have made it doubly useful to preserve by printing on the back of it a calendar for the year 1920. Hang it up. You will find it convenient and useful for reference during the year.

Prices quoted herein on seeds, especially Field and Farm Seeds, are subject to market changes. We are enclosing in this catalog a Special Quantity Price List on Farm and Field Seeds, quoting prices at time it was issued. As the season advances prices will adjust themselves to supply and demand. We will issue a revised price list from time to time, which we will gladly mail to prospective buyers upon request.

THE FARMER'S OPPORTUNITY

Never in the history of our Nation have the products of the farm been in such demand. The output of the foundry, machine shop, factory, mill and farm cannot keep pace with the ever-increasing demand.

The termination of the war will not decrease this demand, but will increase it, as we will be called upon to feed and equip all of the belligerent nations until they are able to feed and equip themselves, which will take years in the demoralized, depleted conditions they find themselves.

NOW is the farmer's opportunity to reap a rich harvest by increasing his efforts and production.

Mr. Farmer, opportunity is knocking at your door: improve it by planting "BURTON'S QUALITY SEEDS."

SEED PRICES

Notwithstanding the fact the seed crops throughout the United States were generally good last year, prices are no lower and will be no lower this or next year. Almost without exception seed growers everywhere had to pay more for labor and material last year than they expected, consequently their seeds cost them more. Contract growers are asking more for their 1920 crop, as they are having to pay more for labor and material to produce it.

**FARM TOOLS
GARDEN TOOLS**

PLANET JR.

PRICES are Subject to
Change Without Notice

We show in the following pages cuts of the best known machine of the Celebrated Planet Jr. line.

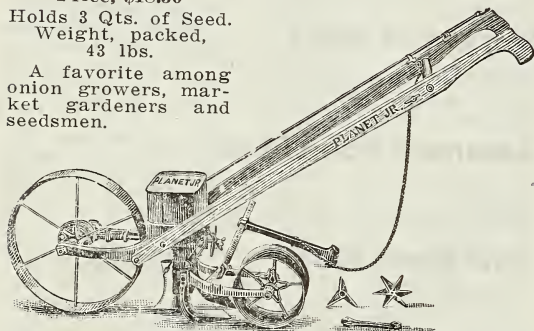
The great machines that have become the world's standard. Guaranteed to be better made, better finished, stronger and capable of doing harder work and better work, with less labor to the operator, than any others on the market. Examine any one of them anywhere to be convinced of these facts.

No. 3 Planet Jr. Hill and Drill Seeder

Price, \$18.50

Holds 3 Qts. of Seed.
Weight, packed,
43 lbs.

A favorite among
onion growers, mar-
ket gardeners and
seedsmen.



Sows in large or small quantities in drills or in hills, 4, 6, 8, 12, 24 inches apart. Force feed.

The flow of seed is instantly started or stopped by the cut-off rod. No seed wasted at end of rows.

The opening plow is V-shaped, adjustable for depth, leaving the seed in a very narrow line, making close cultivated easy. The index is in plain view at top of handles and graduated for hills or drills.

No. 5 Planet Jr. Hill and Drill Seeder

Price, \$21.00

16½-inch Steel Driving Wheel. Holds 5 Quarts.

No. 5 is undoubtedly the best seeder for market gardeners, sugar beet and bean growers, onion set growers and other large planters. The style of construction is the same as in No. 3, the valuable mechanical features being common to both.

No. 60 Planet Jr. Double Wheel Onion Hoe

Weight, 23 lbs.

Price, \$7.50.

This new tool is a departure from all previous Wheel Hoes. It is adjustable for the complete culture of onions, or general hoeing. The new all-steel hoes are a decided improvement over the older models. We offer a special Onion Harvester for this tool.

No. 38 Planet Jr. Single Wheel Disc Hoe, Cultivator and Plow

Weight, 29 lbs.

Price, \$11.50.

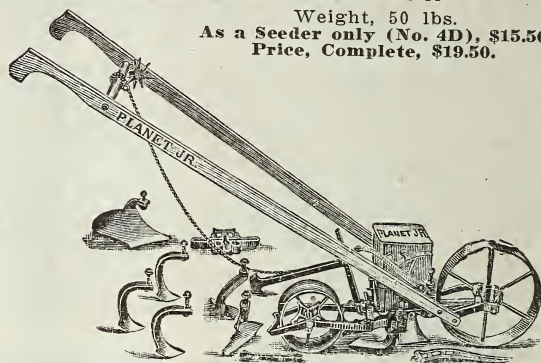
Includes one set disc hoes, one plow, one pair 3-prong cultivator teeth and one leaf lifter.

72-page Planet Jr. catalog free. Describes 70 tools, including Seeders, Wheel Hoes, Horse Hoes, Harrows, Orchard and Beet Cultivators. Write postal for it.

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

Weight, 50 lbs.

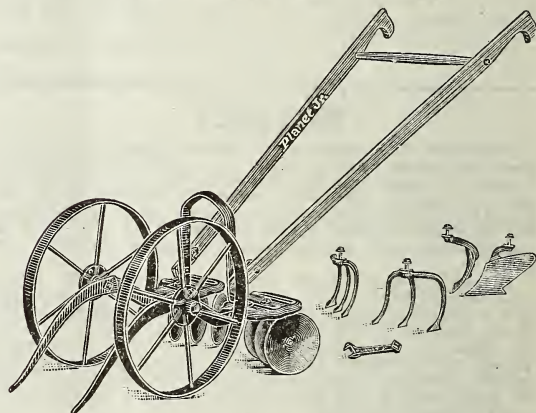
As a Seeder only (No. 4D), \$15.50.
Price, Complete, \$19.50.



Holds 2½ Quarts of Seed.

This accurate, durable and easy-running tool sows all garden seeds from the smallest up to peas and beans in hills 4, 6, 8, 12 or 24 inches apart, or in drills at the proper thickness and depth; rolling down and marking out the next row all at one passage. No time is lost. No seed is wasted. By removing the seeder parts and substituting the tool frame, you have a first-class single wheel hoe with a set of specially hardened steel tools, the best made for hoeing, plowing, cultivating, opening furrows, hilling, etc. Makes the care of a garden a pleasure as well as very profitable. Can be used successfully by men, women or growing boys. Pays for itself in a season and will last for years.

No. 14 Planet Jr. Double and Single Wheel Disc Hoe, Cultivator and Plow

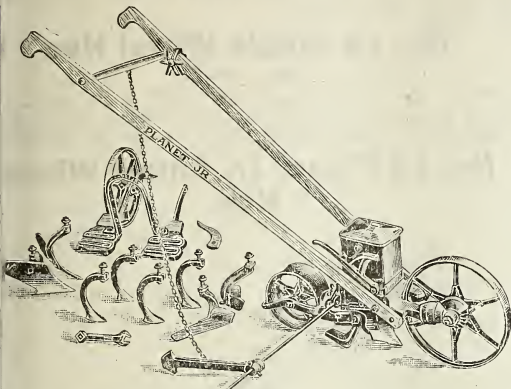


Price, \$14.25.

No. 14 is especially pleasing to all who work peat lands. It has one set of disc hoes, oil tempered; one pair plows, oil tempered; one pair 3-prong cultivator teeth; two leaf lifters. Any of the attachments shown with No. 11 may be added at any time.

Mrs. Jno. Lichty, Riverton, Wyo.: In answer to your letter will say that I was well pleased with all the seed received from you. We had the best garden we have had for several years.

No. 25 Planet Jr. Combined Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow



Price, \$23.00.

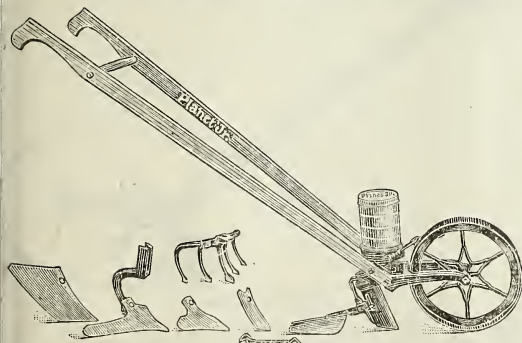
Weight, packed, 61 lbs. Holds 2 1/2 Quarts of Seed. Steel Frame.

This combination is intended for gardeners who have a large enough acreage in crops for a double wheel hoe to be used to good advantage, and yet prefer not to buy seeders and wheel hoes separately; and for the family garden where a double wheel hoe is preferred.

As a seeder it is practically the same as the Planet Jr. No. 4, and as a wheel hoe has the same steel frames and cultivating attachments as the Planet Jr. No. 12 Double Wheel Hoe.

Two acres a day can easily be worked, and when it is done, it will be a better job than several men could have done in the same time with hand hoes.

No. 31 Planet Jr. Combined Drill Seeder and Single Wheel Hoe, Cultivator and Plow



Price, Complete, \$13.00.

Packed weight, 32 lbs.

No. 31D, \$10.50.

As a Drill Seeder only

Packed weight, 26 lbs.

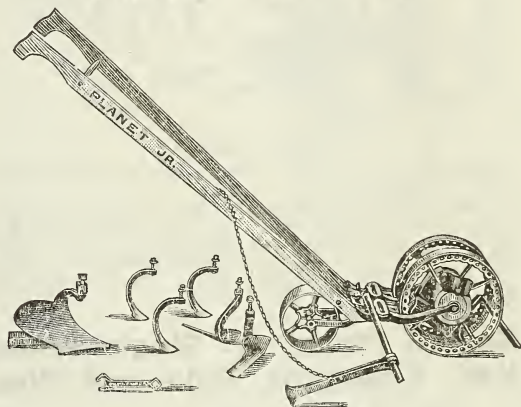
This new combined tool is of great value to thousands of gardeners who have never felt able to own, either a seed drill or a wheel hoe. It will sow even a small packet of garden seed with great precision in a narrow row from 1/4 to 2 inches deep. Quickly changed to a splendid wheel hoe. A special machine for the small gardener at a price he can afford to pay.

No. 33 Planet Jr. Single Wheel Hoe, Cultivator and Plow

(The No. 31 Without Seeder, Price, \$6.50)

This combination will delight the suburbanite or the growing boy who knows that a certain amount of garden work is to be part of his service. Women, younger or older, will find in this tool a light running wheel hoe that will save them hard work and help much to supply the table with fine vegetables.

No. 1 Planet Jr. Combine Drill Seeder and Single Wheel Hoe, Cultivator and Plow



Price, Complete, \$15.50.

Holds 3 Pints.

The old Planet Jr. No. 1 and No. 2 Seeders have given complete satisfaction over 30 years, are used the world over, and with the exception of the hill and drill seeders are the most perfect known.

The sowing cylinder is a drum of spring brass set between the driving wheels, with a sliding brass band and cam. In drum and band are corresponding diamond shaped discharge openings, quickly adjusted for any kind of seed. Inside the drum, shields cover the openings, and insure regular sowing with a full hopper or a thimbleful.

No. 2 Planet Jr. Drill Seeder

Holds 3 Quarts

Price, \$12.75.

The No. 2 is similar to No. 1 Planet Jr. Combined Drill, but larger, holding twice as much seed, and having higher wheels and larger roller. Has no cultivating attachments.

No. 11 Planet Jr. Double Wheel Hoe, Cultivator, Plow and Rake

Price, \$16.00.

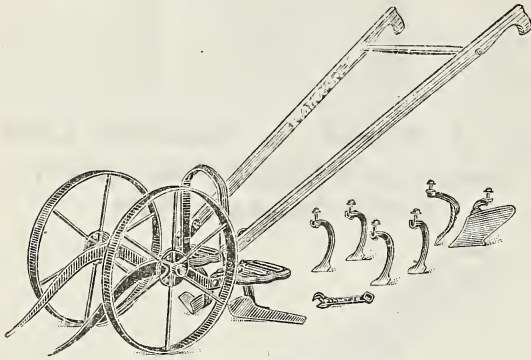
Steel Frame, 14-inch Steel Wheels.

A double and single wheel hoe in one. Straddles crops till 20 inches high, then can be worked between rows with one or two wheels.

The hoes are wonderful weed killers and leave the ground almost level. The cultivator teeth are of improved design and admirable for deep work. The plows are invaluable for opening furrows for manure, etc.; for covering and for plowing to or from the crop. The rakes do fine cultivation and gather up trash. The leaf lifters enable close work when plants are large or leaves are flat on the ground. The greatest hand cultivating tool made. All steels are now hardened by a new process, giving longer wearing and easier running tools.

Anton C. Petersen, Agate, Colo.: The seed you sent me last spring did grow fine; that Sudan Grass grew from 4 to 8 feet high.

No. 12 Planet Jr. Double and Single Wheel Hoe

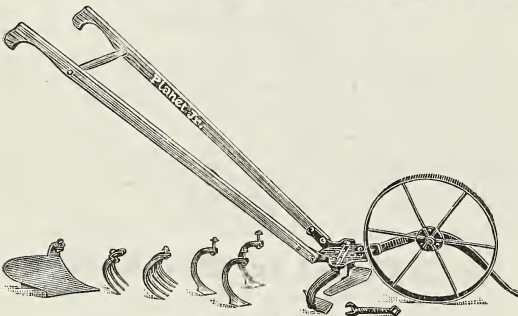


Price, \$12.50.

Same as No. 11, but without the Rakes and one pair of Hoes.

This tool is identical with No. 11 Double Wheel Hoe, except that it has one pair plows, one pair hoes, four cultivator teeth and a pair of leaf lifters only, and is sold at a correspondingly less price. The attachments sold with No. 12 are what gardeners use most, and the others can be added as wanted.

No. 16 Planet Jr. Single Wheel Hoe, Cultivator, Rake and Plow



Price, \$10.50.

These Single Wheel Hoes are the highest type of their class. They have a great variety of attachments which adapt them to a large variety of work, and there is scarcely any garden cultivation they will not do.

Nos. 16, 17, 17½ and 18 have the same steel wheels, frames and handles, but the attachments sold with each vary.

The handles are adjustable in height. The frame is steel, convenient and strong with quick change device by which to exchange the tools without removing the nuts.

All attachments are of a special pattern, carefully tested by practical men; no others ever offered compare with them. All the steel parts are high carbon steel, oil tempered and specially hardened, finely formed, finished and polished and work to a charm. Everyone who cultivates needs one.

No. 17 Planet Jr. Single Wheel Hoe

Price, \$8.75.

You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work.

No. 17½ Planet Jr. Single Wheel Hoe

Price, \$7.60.

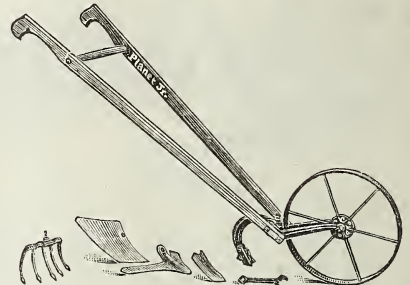
This tool is identical with No. 16, except in equipment. The pair of 6-inch hoes, three cultivator teeth and leaf lifter which go with it, are all the finest of their kind.

No. 18 Single Wheel Hoe

Price, \$6.25.

This tool has one pair of 6-inch hoes only—tools that are most constantly useful throughout the season. Other tools can be added as needed.

No. 19 Planet Jr. Single Wheel Hoe

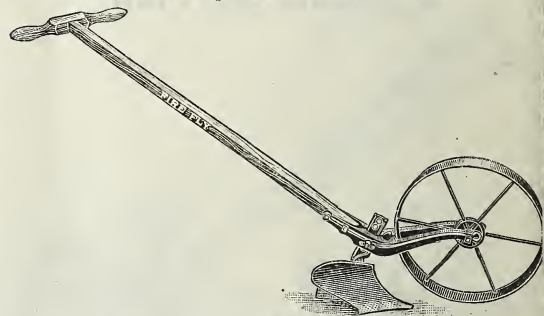


Price, \$6.25.

This attractive implement is especially designed for the farmers garden work, though it offers to every one with either field or garden a cheap and effective tool for wheel-hoe operations. It is strong well made, and quickly adjusted. The height of the handles can be changed to suit man or woman boy or girl.

If you are a farmer, trucker, orchardist, or suburbanite with a kitchen-garden, there is a Planet Jr. made for your special need. You can't afford to work without a Planet Jr.

Fire-Fly Garden Plow



Price, \$3.50.

It will throw a furrow four to six inches wide and one to three inches deep, and deeper by going a second time in each furrow. It opens fine furrows for manure or seeds and covers them, and opens up rows for all kinds of plant setting. In cultivating, plow away, weed the row and plow back again. This tool will enable a busy man to do in his spare minutes nearly all the work of a family garden. Chicken raisers find it of great advantage in plowing up their scratching yards.

H. B. Howland, Featherville, Idaho: Your seeds were all perfectly splendid—especially the Mt. Danver onion seed and Russian Sunflower. Shall certainly order all I buy in 1920 from your firm.

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REFERENCE TABLE

Below we give the quantity of the different seeds required to produce a given number of plants, or seed an acre of ground; also time for seeding and time of growth from seeding to maturity. The time of seeding is based on conditions prevailing in the latitude of Denver. Southern localities should seed earlier, northern localities later, according to their growing season.

GARDEN SEEDS

Quantity of Seed Required.	Per Acre.	Time for Seeding.	Time from Seeding to Maturity
Asparagus, 1 oz. to 800 plants.....	4 lbs.	April 1st to June 1st	2 to 3 years
Asparagus Roots, 3,000 to 7,000 plants.....	4 lbs.	April 1st to June 1st	1 to 2 years
Artichoke Roots.....	500 lbs.	April 1st to June 1st	120 to 150 days
Beans, Garden, 1 lb. 50 ft.....	60 lbs.	May 10th to July 1st	60 to 90 days
Beans, Field.....	40 to 60 lbs.	May 10th to July 1st	60 to 90 days
Beets, Garden, 2 oz. to 100 ft.....	6 lbs.	April 1st to July 1st	70 to 90 days
Beets, Mangel.....	6 to 12 lbs.	April 1st to June 1st	120 to 150 days
Beets, Sugar.....	10 to 16 lbs.	April 1st to June 1st	120 to 150 days
Brussels Sprouts, 1 oz. to 3,000 plants.....	4 ozs.	March 1st to May 1st	90 to 120 days
Cabbage, 1 oz. to 3,000 plants.....	4 ozs.	Feb. 1st to May 1st	90 to 120 days
Carrots, 1 oz. to 100 ft.....	4 lbs.	April 1st to July 1st	90 to 120 days
Cauliflower, 1 oz. to 3,500 plants.....	4 ozs.	Feb. 1st to June 1st	90 to 100 days
Chicory, 1 oz. to 100 ft.....	4 lbs.	April 1st to June 1st	150 to 180 days
Collards, 1 oz. to 100 ft.....	4 lbs.	March 1st to June 1st	90 to 100 days
Sweet Corn, 1 lb. to 50 hills.....	10 lbs.	May 1st to July 1st	70 to 100 days
Corn Salad, 1 oz. to 100 ft.....	5 lbs.	April to October	
Cress, 1 oz. to 100 ft.....	10 lbs.	April 1st to June 1st	
Cucumber, 1 oz. to 100 hills.....	3 lbs.	May 1st to July 1st	60 to 90 days
Egg Plant, 2,000 plants.....	4 ozs.	March 1st to May 1st	120 to 150 days
Endive, ½-oz. to 100 ft.....	4 lbs.	March 1st to Sept. 1st	90 to 100 days
Kale, 1 oz. 3,000 plants.....	3 lbs.	June 1st to Aug. 1st	
Kohl-Rabi, 1 oz. 300 ft.....	4 lbs.	May 1st to July 1st	90 to 100 days
Leek, 1 oz. 300 ft.....	4 lbs.	April 1st to June 1st	90 to 100 days
Lettuce, 1 oz. 3,000 plants.....	3 lbs.	April 1st to Aug. 1st	60 to 90 days
Melon, Musk, 1 oz. 50 hills.....	4 lbs.	May 1st to June 1st	80 to 100 days
Melons, Water, 1 oz. 30 hills.....	4 lbs.	May 1st to June 1st	80 to 100 days
Mustard, 1 oz. 160 ft.....	2 lbs.	April 1st to July 1st	60 to 80 days
Okra, 1 oz. 100 ft.....	8 lbs.	May 1st to June 1st	80 to 90 days
Onions, 1 oz. 200 ft.....	4 lbs.	Feb. 1st to May 1st	90 to 120 days
Onion Seed for Sets.....	80 to 100 lbs.	Feb. 1st to May 1st	90 to 120 days
Onion Sets, 2 lbs. 100 ft.....	500 lbs.	Feb. 1st to July 1st	60 to 90 days
Parsnip, 1 oz. 200 ft.....	5 lbs.	April 1st to June 1st	120 to 150 days
Parsley, 1 oz. 150 ft.....	3 lbs.	March 1st to June 1st	70 to 90 days
Peas, Garden, 1 lb. 50 ft.....	60 lbs.	March 1st to July 1st	70 to 90 days
Peas, Field.....	40 to 60 lbs.	April 1st to June 1st	70 to 100 days
Pepper, 1 oz. 1,500 plants.....	3 ozs.	Feb. 1st to May 1st	120 to 150 days
Pumpkin, 1 oz. to 25 hills.....	3 lbs.	May 1st to June 1st	80 to 100 days
Potatoes.....	500 lbs.	April 1st to June 1st	90 to 120 days
Radish, 1 oz. to 100 ft.....	10 lbs.	March 1st to Sept. 1st	30 to 90 days
Salsify, 1 oz. to 50 ft.....	8 lbs.	April to June	120 to 150 days
Spinach, 1 oz. to 100 ft.....	10 lbs.	March to Oct.	60 to 90 days
Squash, 1 oz. to 25 hills.....	4 lbs.	May to June 1st	80 to 100 days
Tomatoes, 1 oz. 3,000 plants.....	2 ozs.	March 1st to May 1st	100 to 120 days
Tobacco, 1 oz. 5,000 plants.....	2 lbs.	March 1st to May 1st	100 to 120 days
Turnip, 1 oz. 150 ft.....	2 lbs.	March to Sept.	

FIELD SEEDS

Alfalfa.....	10 to 20 lbs.	April to Sept.	12 months
Barley.....	40 to 60 lbs.	March to June	80 to 100 days
Buckwheat.....	30 to 40 lbs.	March to June	70 to 90 days
Clover, Red.....	10 to 20 lbs.	March to June	
Clover, White Blossom.....	10 to 20 lbs.	March to Sept.	
Clover, Yellow.....	10 to 20 lbs.	March to Sept.	
Clover, White.....	5 to 10 lbs.	March to July	
Alyske.....	10 to 15 lbs.	March to July	
Corn.....	8 to 10 lbs.	May to June 15th	80 to 120 days
Emmer, Spring.....	40 to 50 lbs.	April to June 1st	90 to 120 days
Emmer, Winter.....	40 to 50 lbs.	Aug. to Oct.	
Flax.....	30 to 40 lbs.	May to July	70 to 90 days
Grass, Brome.....	10 to 20 lbs.	April to June	
Grass, Ky. Blue.....	20 to 100 lbs.	April to Sept.	
Grass, Orchard.....	20 to 30 lbs.	April to July	
Grass, Rye.....	10 to 20 lbs.	April to July	
Grass, Red Top.....	10 to 15 lbs.	April to July	
Grass, Timothy.....	10 to 20 lbs.	April to July	
Grass, Fescue.....	15 to 25 lbs.	April to July	
Grass, Sudan.....	10 to 30 lbs.	April to July	
Grass, Johnson.....	10 to 30 lbs.	April to July	
Millet.....	30 to 40 lbs.	May to July	60 to 80 days
Oats.....	40 to 70 lbs.	March to July	80 to 100 days
Peanuts.....	30 to 35 lbs.	May to June	60 to 90 days
Rape.....	5 to 7 lbs.	April to May	70 to 80 days
Sunflower.....	4 to 10 lbs.	May to June	80 to 90 days
Corn, Field.....	8 to 10 lbs.	May 1st to June 15th	80 to 120 days
Corn, Pop.....	4 to 50 lbs.	May 1st to June 15th	80 to 120 days
Corn, Kafar.....	5 to 60 lbs.	May 1st to June 15th	60 to 100 days
Corn, Milo Malze.....	5 to 8 lbs.	May 1st to June 15th	60 to 100 days
Feterita.....	6 to 8 lbs.	May 1st to June 15th	60 to 80 days
Sorghum, for syrup.....	6 to 10 lbs.	May 1st to June 1st	80 to 120 days
Sorghum, for fodder.....	50 to 75 lbs.	May 1st to July 1st	70 to 90 days
Rye, Spring.....	40 to 60 lbs.	March to June	80 to 100 days
Rye, Fall.....	40 to 60 lbs.	Aug. to Nov.	

SPECIAL QUOTATIONS

Mr. Buyer—Dear Sir:



IF YOU ARE A MARKET GARDENER, or a large PLANTER of FIELD AND FARM SEEDS, this sheet should interest you and save you money on your purchases. It is for your benefit more than ours. Our Catalog goes to thousands of Planters, practically all of whom grow farm or garden crops, or both. You have probably looked through our Catalog, and have selected a number of varieties of seeds you need. Should you require a considerable quantity, we may be able to make you lower prices than quoted in our Catalog. Write the varieties and quantity of each variety wanted in the specially prepared space on opposite side of this sheet, and send to us, when we will quote you **SPECIAL** delivered prices. We can secure from proper officials here correct Freight, Express and Parcel Post Rates to any point, and by sending us a list of the seeds you need, we will be able to quote you on the varieties and quantities desired, and to tell you just what they will cost you delivered at your Freight, Express or Post Office. This sheet is for Market Gardeners and large buyers of field and farm seeds, and not for special quotations on seeds by the packet, ounce, quarter pound, half pound and pound, or special collection on which reduced prices have been quoted in our Catalog. We believe every purchaser of seeds desires to know just what their seeds are going to cost them, delivered, and for this reason we ask for a list of your requirements, that we may quote you intelligently and specifically. We want to co-operate with you in making every saving possible on your purchases, and if you will send us a list of varieties and quantities of seeds needed, we will let you know exactly what they will cost you, delivered. **WRITE TODAY.** An inquiry may save you Dollars, and will place you under no obligation to us.

Yours for economy and service,

THE BURTON SEED COMPANY

FIFTEENTH AND MARKET STREETS :: DENVER, COLORADO

OUR SUPERB

Home Garden Collection

\$2.00 WORTH OF "BURTON'S QUALITY SEEDS" FOR \$1.00

For \$1.00 We will send you postpaid thirty-five regular 5c and 10c packages of "BURTON'S QUALITY" Garden and Flower Seeds.

We have selected the varieties most generally grown in the Home Garden, and the collection includes many of our highest priced IMPORTED SEEDS. We will not realize first cost of the seeds in this collection, but we are offering it, as usual, in order to do our share in combating the High Cost of Living, as we know that all of our customers who purchased this collection of us, in the past three years, have materially reduced their living expenses thru the splendid gardens they have had.

This is the seventh year we have offered this collection, and we have found it to be one of the best advertising mediums we have ever used, as it enables persons who have never dealt with us to find out what excellent seeds we have, and at very little cost.

Every package of seed in this collection is put up by us, from our bulk seeds, such as we sell to our largest gardeners, and would sell you if you were here to buy in person. This collection is put up and ready for mailing and cannot be changed or substituted. **TRY THEM AND BE CONVINCED.**

\$1.00 Secures the thirty-five varieties of "BURTON'S QUALITY SEEDS" as listed below, freshly put up in our 5c and 10c pkgs. **\$1.00**

BEANS, Burpee's Stringless
BEANS, Round Pod Kidney Wax
BEET, Early Blood Turnip
BEET, Early Egyptian
CABBAGE, Danish Round Head, Short Stem
CABBAGE, Winnigstadt
CARROTS, Oxheart
CELERY, Giant Pascal
CORN, Golden Bantam
CORN, Peep O'Day
CUCUMBER, Fordhook Famous
CUCUMBER, Snow's Pickling
LETTUCE, Grand Rapids
LETTUCE, Prizehead
MELON, Musk, Rocky Ford
MELON, Water, Kleckley's Sweet
MELON, Honey Dew

ONION, White Lisbon
ONION, Mountain Danvers
ONION, Southport Red Globe
PARSNIP, Hollow Crown
PEA, Alaska
PEA, Admiral
PUMPKIN, Sugar
RADISH, Cincinnati Market
RADISH, Long White Vienna
RADISH, Early Searlet Turnip, W. T.
SPINACH, Longstanding
SQUASH, White Scalloped Bush
TOMATO, June Pink
TURNIP, White Egg
NASTURTIUM, Dwarf, Fine Mixed
SWEET PEA, Large Flowered, Mixed
MORNING GLORY, Tall, Mixed
PETUNIA, Hybrid, Mixed

One Dollar's Worth of Flower Seeds For Fifty Cents

To the Lover of Flowers— We offer you our 50c COLLECTION of choice flower seeds, which contains twenty of our regular 5c packets of the best Flower Seed that can be bought, and which, if sold separately, would cost One Dollar.

You cannot afford to miss this collection of the OLD GARDEN FAVORITES, all of which are selected for their adaptability to our Western Climate and Altitude. Send 50 cents and we will send you this collection, postpaid, containing:

Sweet Alyssum, Single, Mixed
Agrostemma
Aster, Finest Mixed
Bachelor's Buttons
Canterbury Bells, Single Mixed
Chrysanthemums, Mixed
Catchfly

Cosmos, Mixed
Cypress Vine
Marigold, Tall
Mignonette, Mixed Colors
Morning Glory, Climbing
Morning Bride, Double, Mixed
Nasturtiums, Dwarf, Mixed

Petunia, Hybrid, Mixed
Phlox, Mixed Colors
Pinks, Double, Mixed
Sweet Peas, Mixed Colors
Zinnias
Pansy, Mixed Colors

For 25c We will send postpaid any six of our regular 5c packets of "BURTON'S QUALITY" GARDEN AND FLOWER SEEDS—Purchaser's selection.

1920 January SUN. MON. TUE. WED. THU. FRI. SAT. 4 5 6 7 8 11 12 13 14 15 18 19 20 21 22 25 26 27 28 29 30 31						1920 February SUN. MON. TUE. WED. THU. FRI. SAT. 1 2 3 4 5 8 9 10 11 12 15 16 17 18 19 22 23 24 25 26 27 28 29						1920 March SUN. MON. TUE. WED. THU. FRI. SAT. 7 8 9 10 11 12 14 15 16 17 18 19 21 22 23 24 25 26 28 29 30 31					
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1920 July SUN. MON. TUE. WED. THU. FRI. SAT. 4 5 6 7 8 11 12 13 14 15 18 19 20 21 22 25 26 27 28 29 30 31						1920 August SUN. MON. TUE. WED. THU. FRI. SAT. 1 2 3 4 5 8 9 10 11 12 15 16 17 18 19 22 23 24 25 26 29 30 31						1920 September SUN. MON. TUE. WED. THU. FRI. SAT. 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30					
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