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JEFFERSON SEED CO.

37th YEAR 1921



Good Seeds
THE KEY TO THE HARVEST



MAGI QUEEN TOMATO
EARLIEST LARGE TOMATO IN THE WORLD
PACKET 10¢, OUNCE 60¢, ¼ LB. \$1.75, 1 LB. \$6.00, POSTPAID

Jefferson, Iowa

**Jefferson's Ever-Blooming
Flower Seed Collection**

One Large 10c Package
of each of these 8
choice Flower
Seeds for 50c
Postpaid.



**GIANT FLOWERING
NASTURTIUM**
Large Package 10c
3 for 25c Postpaid



**FINEST MIXED
SHOW PANSIES**
Large Package 10c
3 for 25c Postpaid



HELIOTROPE
Very fragrant, blooms all season.
Large Package 10c
3 for 25c Postpaid



**ANTIRRHINUM
OR SNAPDRAGON**
Splendid spikes bloom all
summer. Ideal for
bedding
Large Package 10c
3 for 25c Postpaid



CELOSIA OR COCKSCOMB
Hardy annual, very showy.
Large Package 10c
3 for 25c Postpaid



EARLY FLOWERING COSMOS
Blooms until frost
Large Package 10c
3 for 25c Postpaid



PHLOX DRUMMONDI
An all Summer-flowering Annual;
very brilliant. Large pack-
age 10c, 3 for 25c Postpaid.



HYACINTH
Rapid growing, free flower-
ing annual climber
Large package 10c
3 for 25c Postpaid



D. L. HOWARD
President



AUSTIN ELVIN
Vice President



G. W. MACKEY
Gen. Mgr. and Treas.



J. M. BELL
Secretary

Why Our Catalog Is Smaller This Season.

January 1st, 1921.

TO OUR FRIENDS AND CUSTOMERS EVERYWHERE:

Most everyone is familiar with the paper situation at the present time, that ordinary news-print paper has jumped from two cents to ten and twelve cents per pound and difficult to obtain at any price. Catalog paper such as we use in this book, cost us eight cents per pound last season, just now the same paper is selling at twenty-five cents per pound. The printing of our catalogs last year cost us \$4,700.00. This year the price wanted for the same job was more than double that amount.

At a meeting of the Directors of our Company, it was decided NOT to pay this great increased price for the catalog, as it would then be necessary that we increase the price of our seeds and other commodities and pass the increase along to our customers. Rather than do that, we decided to reduce the size of our catalog to conform with about the same amount of money we have been spending for it, and in this manner give our customers the benefit of our present low prices.

You will find most everything listed in our catalog as heretofore, except that many of the descriptions have been shortened. You will also find by comparison, that our prices are lower than many other seed firms, who have found it necessary to raise prices in order to meet the increased cost of their catalogs this season.

We believe our many friends and customers will appreciate our manner of handling the catalog proposition for this season, and while the catalog is not as large as usual, you will find the items listed therein to be consistent with your means and requirements, and will make and save money by favoring us with your seed orders again this season, as in the past.

Yours for a prosperous 1921,

JEFFERSON SEED COMPANY.



M. M. HEAD



F. M. DEAN



ALBERT MEARS



R. C. HEAD

Terms and General Information About Ordering

The attention of our customers is respectfully called to the following directions, which will, if followed, be an aid to the purchaser as well as ourselves.

Your Name and Address We make this first suggestion, for it is very important that you sign your name and write your full address plainly on every order you send us. Orders often reach us where the address is omitted and very often the name and address are both lacking. This causes delay, for we cannot fill orders if we have not the address of the buyer. Give your postoffice address, name of county and state, and if articles are ordered that go by express or freight, give the railway station to which you wish the goods shipped. It is advisable to write your name the same way each time you write us.

CATALOG INDEX—To quickly find any article in this catalog refer to the index in back of book.

How to Make Out an Order Select from this Seed Book the articles you desire and write your order plainly in our order sheet enclosed in this book. Read over your order and make sure that all is clear and complete. State clearly whether it is a packet, ounce or pound that is wanted. Look over the price carefully to see if you have them correct.

Our Terms are Strictly Cash with Order

Every item entering into the Seed Business is spot cash. Cash buys the best of everything. When cost of seed, postage and other necessary expense is paid, good high-grade seeds are sold on a very small margin. It is not big profits on a single order, but the large volume of business we do that enables us to make you bargain prices and give you the most for your money. Our constant aim is to make highest quality the first consideration and, next, to put our prices as low as good seed can be sold.

Delivery The point of delivery of all heavy goods is on cars at Jefferson, Iowa. When we quote a delivered price at your station it means we prepay the freight or express charges.

We PAY THE POSTAGE on all Vegetable and Flower seeds sold by packet, ounce or pound unless otherwise stated. If you wish large quantities of seeds sent by mail, add postage at parcel post rates given on Page 3. We can send 50 pounds of seed anywhere in the United States and 70 pounds in the 1st, 2nd, and 3rd zones in one package.

Our Reliability We take pleasure in referring you to The First National Bank, or any other Bank of this city, as well as the Postmaster, Sheriff, any citizen or Business House, as to our reputation for honesty and fair dealing.

Free Samples We are always glad to send you free samples of Corn, Grasses or other Field Seeds for testing purposes. You are not imposing on our good nature when you ask for samples for we know the quality of our seed will bring us your big orders.

If you are contemplating a large Order, amounting to \$10.00 or more, make up your list on our order blank and send it in to us. We will go over your list and make a special flat price on the entire order. We have saved our customers hundreds of dollars in this manner. Our seeds are especially adapted to the market gardeners or large growers use, as they are grown under the most careful supervision from especially selected strains, and are rigorously tested for vitality. Their extremely high quality make profits certain.

Order Early The best time to order is just as soon as you receive this catalog, as we can always give your orders more of our personal attention if they come in before the rush of the spring.

What We Guarantee We guarantee the safe delivery of all goods ordered from us whether by mail, express or freight. That all money sent to us for seeds shall reach us if sent by registered letter, postoffice or express money order or bank draft payable to our order, or your personal check, if you have the money back of it to make it good. Keep a copy of your order. Sometimes people think they have ordered articles which they have omitted, and blame us for not sending them. Please be careful to sign your name, postoffice, state and rural route plainly.

About Warranting We thoroughly test all our seeds and nothing is sent out which we do not believe to be good, strong germination and that will grow under any reasonable conditions; still crops are contingent upon so many conditions, over which we have no control, including soil, weather, time and manner of planting, cultivation, etc., that we cannot be responsible for the product and give no warranty, expressed or implied, as to description, quality, quantity or productiveness of any seed sent out by us, and every order for seeds named in this catalog will be executed on these conditions only, and if the purchaser does not accept the seeds on these terms and conditions they are to be returned within 10 days. It however, must be plain to everyone who gives the matter the slightest thought, that it is to our best interest to send out only such seed stock as will not only grow, but prove true to the name and description.

Prepaid Stations Many of our customers live at points known as prepaid stations, where there is no agent. In such case you should always send money enough to prepay freight charges through to such points, otherwise we will ship to nearest station where there is an agent.

Premiums Each year we put up thousands of packets of new or particularly desirable varieties of seeds for free distribution to our customers. We will send these out with the seeds ordered by you and will treat you liberally in this respect. We but try to please our customers.

High Prices Good seeds, like everything else, are high in price compared to what they were before the war. This is no fault of ours as we do not set the prices, but abide by the "powers that be", however you may rest assured, that prices given in this book are as low, if not lower than those of other seedsmen. It is our earnest endeavor to put before you, seed of high quality at prices consistent with your means. We want every one to grow our seeds. We invite comparison of our prices with those quoted elsewhere. Crop failures cause prices to fluctuate from time to time. For this reason we are not attaching prices of Farm Seed in quantities, but will issue a pink price list at regular intervals. Should you hold your order until later, please write us for price list, or in case you do not care to wait for price list, send in your order at prices given on the list you have. If prices have changed we will use our judgment as to whether to send you more or less seeds. In case the difference is considerable, we will write you promptly. In all cases you will get the full value of your money.



"Julia"

Ask For Your Beautiful Lithographed Calendar

If your GARDEN SEED order amounts to \$2.00 or more, do not fail to ask for one of the beautiful, four color lithographed calendars. They are given absolutely FREE with GARDEN SEED orders, amounting to \$2.00 or more. The calendar is of panel effect as shown in the illustrations, beautifully colored, with marble background. The actual size is 12 x 27, distinctive figure pad 8 x 4½. It comes in two beautiful American Girl studies, "Kate" and "Julia". On early orders, we allow choice. Later, we can not guarantee choice. Either one of these beautiful studies would cost at least 50c in any art store. We do not sell them. The only way you can secure one is with your Garden Seed order of \$2.00 or more AND BE SURE TO ASK FOR IT. They are suitable for framing and will add to the beauty of any room.



"Kate"

SEEDS BY PARCEL POST

We pay the parcel post charges on all seeds listed in this catalog up to three pounds weight. Customers wishing over three pounds sent by parcel post must pay the postage charge for all weight over three pounds. Many of our customers prefer to have their seeds come by parcel post instead of express. There is not much difference in the cost of transportation and parcel post is delivered to your door or mail box, but if you want seeds to come by mail you must send the postage, as it must be prepaid. The following table is arranged for the convenience of our customers who desire to have large quantities of seeds come by parcel post. The only thing to remember aside from the table is to add one pound over the actual weight amount of seeds you order to cover the weight of packing. Remember, that you have three pounds free weight. For example, if you live in Arkansas and wish to order five pounds of seeds by parcel post, you will add extra money to the cost of the seed, to pay postage charges on two pounds only which, according to the table at 4c per pound, will be 8c. We always pay postage on three pounds ourselves. No matter where you live, deduct postage for three pounds and send us postage to cover balance at the table rate if you want your seeds by parcel post.

If the postage you send is more than is necessary, the balance will be returned to you enclosed in a small envelope within the package. If you do not send postage for amounts over three pounds, we will take it for granted you wish the seeds sent by express or freight. Large orders will always be sent by freight unless we are otherwise instructed.

Please bear in mind that we pay the postage on all packets, ounce, fourth-pound, and pound quantities of Vegetable, Flower, Seed Corn, and Farm seed up to three pounds as listed in this catalog only, not the pink list.

INSURED PARCEL POST

Packages up to \$25.00 in value will be insured for their full value on payment of a fee of 5 cents for each package in addition to the regular post rates. Packages in value over \$25.00 will be insured for their full value, but not to exceed \$50.00

for a fee of 10 cents for each package in addition to the regular Parcel Post rates. If you desire your package insured, send the insurance fee in addition to the amount you send to pay for the goods—and be sure to mention same on your order.

PARCEL POST TABLE

| STATE | Postage Per Lb. | STATE | Postage Per Lb. |
|----------------|-----------------|---------------|-----------------|
| Alabama | 6 cents | Montana | 8 cents |
| Arizona | 8 cents | Nebraska | 4 cents |
| Arkansas | 4 cents | Nevada | 8 cents |
| California | 10 cents | N Hampshire | 8 cents |
| Colorado | 6 cents | New Jersey | 8 cents |
| Connecticut | 8 cents | New Mexico | 8 cents |
| Delaware | 6 cents | New York | 8 cents |
| Dist. Columbia | 6 cents | N. Carolina | 8 cents |
| Florida | 8 cents | Ohio | 6 cents |
| Georgia | 6 cents | Oklahoma | 4 cents |
| Iowa | 1 cent | Oregon | 10 cents |
| Idaho | 8 cents | Pennsylvania | 6 cent |
| Illinois | 4 cents | Rhode Island | 8 cents |
| Indiana | 4 cents | S. Carolina | 6 cents |
| Kansas | 4 cents | S. Dakota | 4 cents |
| Kentucky | 6 cents | Tennessee | 6 cents |
| Louisiana | 6 cents | Texas | 8 cents |
| Maine | 8 cents | Utah | 8 cents |
| Maryland | 6 cents | Vermont | 8 cents |
| Massachusetts | 8 cents | Virginia | 6 cents |
| Mexico | 12 cents | Washington | 10 cents |
| Michigan | 4 cents | West Virginia | 6 cents |
| Minnesota | 4 cents | Wisconsin | 4 cents |
| Mississippi | 6 cents | Wyoming | 6 cents |
| Missouri | 4 cents | | |

PARCEL POST RATES ARE EASY TO UNDERSTAND, BUT IF IN DOUBT ASK YOUR POSTMASTER.

WEIGHT LIMIT.

We can now send packages of Seed weighing as much as seventy pounds to the first, second and third zone. Fifty pounds is the limit for the balance of the zones.

How We Grow Seed Corn

The extent of our trade in Seed Corn has reached such enormous proportions that it may be of interest to those who purchase from us to know how large quantities of seed are scientifically produced. Our acreage is so large that it would be manifestly impossible for us to own and control all the land necessary. We make contracts with our farmer-stockholders and other reliable farmers, selecting those owning good farms which are properly handled; men who will work under our instructions, and pay them liberal premiums for the product of their crops, from seed furnished by us.

The ground must be properly prepared, must

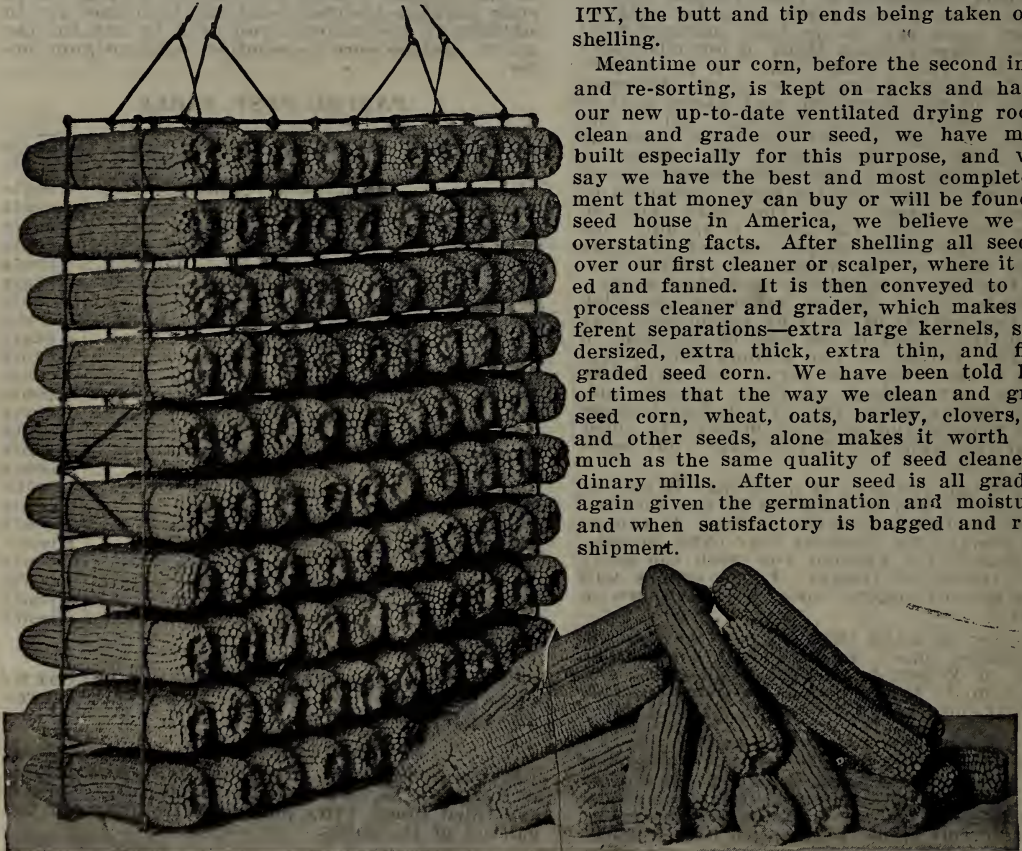
be plowed and harrowed as we instruct and the seed which we furnish planted in the proper manner. We do not grow different varieties of seed corn close together, but have our fields well scattered, thus avoiding liability of mixing by the wind carrying the pollen from one field to the other. The corn is frequently cultivated and as soon as the tassels appear, men sent into the fields to remove same from all barren stalks, This produces seed having a tendency to large yields and the production of ears on every stalk. This work also prevents a condition which is too often seen in a field of corn, that is, a hill with two or three non-productive stalks.

How Our Seed Is Handled

Our corn is always allowed to remain in the field on the stock as long as weather conditions will permit, in order that the ears may have the full benefit of Nature's process of drying, which is the best method for curing corn ever devised. But when the time comes for getting it into our houses, everything else is made secondary to that end and every bushel husked each day, goes into our corn houses before we sleep. As fast as it comes in, it is placed in flat bottom sorting tables, built especially for our purpose, so that every ear can be inspected. Here we have a small army of men, experts in the business, to go over it, sorting it out ear by ear, selecting only the well-developed

and thoroughly matured ears, which are conveyed to our regular depositories. The refuse, culls, shelled corn, silks and husks stripped from the select ears are cleaned up, shelled and sold on the market. Thus we are able to economize space and use our storage rooms for choice ears only. Ordinarily we reserve from 25 to 40 per cent at the first sorting, but when the time comes for shelling and shipping out, usually commencing about January 1st, as we supply many of the leading seed houses and seedsmen of the country with their seed, WE AGAIN GO OVER EACH AND EVERY EAR THE SECOND TIME, RIGIDLY INSPECTING EACH AS TO VITALITY, the butt and tip ends being taken off before shelling.

Meantime our corn, before the second inspection and re-sorting, is kept on racks and hangers in our new up-to-date ventilated drying rooms. To clean and grade our seed, we have machinery built especially for this purpose, and when we say we have the best and most complete equipment that money can buy or will be found in any seed house in America, we believe we are not overstating facts. After shelling all seed passes over our first cleaner or scalper, where it is cleaned and fanned. It is then conveyed to our new process cleaner and grader, which makes five different separations—extra large kernels, small undersized, extra thick, extra thin, and fifth, the graded seed corn. We have been told hundreds of times that the way we clean and grade our seed corn, wheat, oats, barley, clovers, grasses and other seeds, alone makes it worth twice as much as the same quality of seed cleaned on ordinary mills. After our seed is all graded, it is again given the germination and moisture tests, and when satisfactory is bagged and ready for shipment.



Satisfaction Guaranteed or Money Refunded.

TESTED SEED CORN

Most every one likes to see, or at least have a look at the men they deal with, so we are again presenting a likeness of our seed corn expert, Mr. C. E. Mackey, better known among our co-workers

and employes as "Dad." "Dad" is one of those quiet, unpretentious fellows who doesn't believe in too much bluster and brag about his business, and says he is perfectly contented to keep up his splendid seed corn reputation without the pictures. We believe, however, it would be doing our customers an injustice not to show them a likeness of the man who takes care of their thousands of seed corn orders every year. "Dad" is one of the pioneer seed corn men of the great corn belt, and we trust nothing will prevent us from showing his likeness as our seed corn expert for many years to come.

Mr. Mackey has a large force of men under his command, who thoroughly understand their work, and every bushel of Seed Corn has his personal O. K. before it leaves our house. He says, "Every order must be filled with good seed, like I myself would want to plant, or it doesn't get my O. K. We have sometimes thought he was a little too cranky about his orders, but if you could see the many people who come to him for advice, and read the thousands of letters we get from satisfied customers, you would agree with us that it is best to let him have his own way, so we have practically given him control of our Seed Corn department, and our customers may rest assured that under his direction they will get prompt service and the best Seed Corn that the "Heart of the Corn Belt" can produce.



C. E. MACKEY.
Our Expert Corn Man.



Green County Prize Winner

No. 302, Early Iowa Yellow Dent

NO. 302 EARLY IOWA DENT—This splendid variety of corn has been thoroughly tested throughout the corn belt, and in every case has given great satisfaction. It is a product of the Agricultural College at Ames, and we can positively guarantee it to you as one of the best early yellow corns in existence today. We nearly lost our seed stock of this variety in 1917, but were fortunate in securing some of the pure stock left over from our 1916 crop, which we distributed among our growers and farmers here at home in the spring of 1918, and can now offer thousands of bushels of this splendid variety to our customers. It is one variety which will do well on any kind of land or in any latitude. It possesses the BEAUTY of REID'S YELLOW DENT, the DENT of IOWA GOLD MINE, and the EARLY MATURITY of PRIDE OF NORTH. In other words it combines all the virtues of any and all of the standard varieties of corn. It has been known to yield from 62 to 100 bushels per acre in our own county. We can cheerfully recommend it to you as the best all-around early corn we have ever grown.

DESCRIPTION—Stalks thick and heavy. Broad blades and leafy foliage, height from 7 to 9 feet, dependent upon the land—hill or bottom; ears run from 8 to 11 inches long, usually about 10 inches, 16 to 20 rows, deep grain solidly set on a small red cob; shells 88 to 90 per cent grain to 10 and 12 per cent cob, weighs out two or three bushels more per wagon load than other varieties, thus proving its soundness and maturity. It is one of the heaviest yielding grown varieties, and has a record of 80, 90 and 100 bushels per acre in almost every corn growing state where planted. We unhesitatingly recommend this variety anywhere, north, south, east, or west. In addition for fodder and ensilage purposes **THERE IS NO BETTER** and few, if any, that equals it.

PRICE: Ear, 50c; lb., 35c; 7 lbs. (enough to plant 1 acre. \$2.25, postpaid.

Typical Ear No. 302

Green County Grand Prize Yellow Dent See enclosed pink price list for peck and bushel prices.

Mammoth Iowa Yellow Dent

FAMOUS FOR ITS UNIFORM LARGE EARS, HIGHYIELDING QUALITIES and EARLY MATURITY
Resists Drought and Scorching Hot Weather Better Than Any Other Variety of Yellow Dent Corn.



Mammoth Early Iowa Yellow Dent 100 Day Corn

MAMMOTH EARLY IOWA YELLOW DENT is a variety of great merit originated, introduced and named by us in 1911, and it has met with hearty favor wherever it has been tried and tested. Our cut of **MAMMOTH IOWA YELLOW DENT CORN** will give a very accurate idea of the ears; stalks grow from 8 to 10 feet in height, dependent upon the land, upland or bottom, and is supported by a remarkable root system to support its large, strong, robust stalks, thus enabling it to resist heavy winds and not break over or blow down; ears run from 8 to 12 inches long, very symmetrical and containing 16 to 20 rows on a medium-sized cob; kernels of more

than average depth matures safely and soundly in about 100 days and is indeed properly named **MAMMOTH** Early IOWA Yellow Dent. Beautiful in its rich, golden yellow color and even size from butt to tip of ear. Certain in its early, quick growth and maturity, and, all points considered, a splendid, large-eared, early maturing yellow corn, "up to date." We can fully recommend this splendid variety to our customers everywhere, and assure them that they will make no mistake in planting largely of it.

PRICE, postpaid, Ear, 50c; lb., 35c; 7 lbs. (enough to plant 1 acre), \$2.25.

Pure Genuine Iowa Gold Mine

The Best Medium Early; Between the Standard Field and Extra Early Sorts.



Iowa Gold Mine—Yellow as Gold Itself—Early Between Pride of North and Standard Sorts.

The Earliest to Mature; the Purest Yellow; the Deepest Grain; the Best Early; Standard Field Variety. This wonderful early variety of yellow corn has made the state of Iowa famous, as it is more widely known than any other variety grown and is planted in every state in the Union. Gold Mine is a favorite with every farmer who ever

planted it. It matures in 80 to 90 days. Ears are medium in size, 8 to 10 inches long; color a bright golden yellow. It is free from barren stalks; every stalk bears one and two good ears.

PRICE, postpaid: Ear, 50c; lb., 35c; 7 lbs. (enough to plant 1 acre), \$2.25.

Improved Pride of the North

This variety of early corn was originated by A. L. Goddard, of Kossuth county, Iowa (one of the extreme northern counties of Iowa) thirty years ago. It is a great favorite in the extreme northern states. A pure yellow dent, ears from seven to nine inches long with small cob and deep kernels, ears carrying from 14 to 18 rows. Will ripen and mature any place in from 80 to 90 days; can be planted as late as June 25th and make itself by September 15th. Good soil is capable of growing four to six stalks to the hill. Many stalks have two ears and usually produce from 30 to 40 bushels per acre.



PRICE: Ear, 50c; lb., 35c; 7 lbs. (enough to plant 1 acre), \$2.25, postpaid.
See enclosed pink price list for peck and bushel prices.

Your Order and Money is Safe with Us.

Pride of Nishna—Yellow Dent

We can fully recommend this variety for any county in Iowa, Illinois, southern Wisconsin, Michigan and New York; also any part of Indiana, Ohio, Pennsylvania and West Virginia, and from there south to the coast. It is a splendid ensilage corn for states and localities located farther north than those mentioned.

DESCRIPTION—The stalks grow 8 to 12 feet high, dependent on the land—hill or bottom ground—stalks strong and robust, very leafy, broad blades and plenty of them, making an excellent fodder or ensilage corn. Roots almost equal to that of sorghum, always resisting wind and storm and standing up well. Ears uniform in size and shape, cylindrical from butt to tip, running from 9 to 12 inches long and 7 to 8 inches in circumference, containing from 16 to 20 rows of deep kernels solidly set on a medium small red cob, shelling 86 to 88 per cent grains and often even more. A wagon load of this corn weighs out two to four bushels more than ordinary varieties, thus proving its solidity. It is golden yellow, and a big crib full of it is a beautiful sight to look at. Its potency or power to reproduce is so great that neither dry nor wet weather affects its growth and maturity, as they do many other sorts. By long and continued selection the barren stalks have been eliminated, which has materially increased its yielding qualities. It is the earliest maturing large-eared yellow corn known or grown, always making itself safely and soundly beyond danger of frost in 90 to 100 days' good corn weather. Our word for it, it will please you in every respect.

PRICE: Ear, 50c; lb., 35c; 7 lbs. (enough to plant 1 acre) \$2.25, postpaid.

See enclosed pink price list for peck and bushel prices.



"PRIDE OF NISHNA"—YELLOW DENT CORN

Golden Beauty

(100 Days). The ears are of perfect shape, with from ten to fourteen straight rows of bright golden yellow grains, remarkable in size and filled out completely to the extreme end of the cob. The richness of color and fine quality of grain make it vastly superior for grinding into meal. The grains are not of a hard, flinty nature, neither are they soft as to be greatly shriveled. The ears are easily shelled, although the kernels are firm on the ear and in every respect as perfect a type as could possibly be had. Golden Beauty matures in 100 to 110 days from planting and surpasses all in size and beauty of grain.

PRICE: Ear, 50c; lb., 35c; 7 lbs. (enough to plant 1 acre) \$2.25, postpaid.

See enclosed Pink Price List for peck and bu. prices.

Giant Yellow Fodder Corn This is among the best big varieties for either fodder corn or to put up in silo, or to cure and stack away, cropping as high as thirty-five tons to the acre.

PRICE: Ear 50c; lb., 35c; 7 lbs., \$2.25, postpaid.

See enclosed pink price list for peck and bushel prices.

Big Southern Red Cob Fodder

This is a standard southern variety which has made a wide reputation all over the country, and is noted for its splendid qualities for both fodder and ensilage purposes. It grows very tall, ranging from twelve to sixteen feet, and is a very leafy broad blade.

PRICE: Ear 50c; lb., 35c; 7 lbs., \$2.25, postpaid.

See enclosed pink price list for peck and bushel prices.

Eureka Ensilage Corn Grows the tallest stalks and has the most leaves and blades and will produce more tons of material for the silo than any other variety. Stalks usually grow 10 to 14 feet high, containing 24 to 30 pairs of long broad blades; has made a record of over seventy tons on one acre of ground. Enough to feed ten head of cattle twelve months.

PRICE: Ear 50c; lb., 35c; 7 lbs., \$2.25, postpaid.

See enclosed pink price list for peck and bushel prices.



Improved Calico Corn

This corn is the old-fashioned kind, and always very popular as a feeding corn, and for many years we have had a great demand for it from stock feeders. So great has been the demand for this excellent feeding corn that we have given greater attention to it the past few years than in former years. Five years ago we found a superior type of this corn, grown by a leading corn breeder in Kentucky, from whom we obtained seed, which has proven a wonder, and without fear of contradiction we can say we have the highest and best strain of this corn that can be found anywhere. The strain is of the large-eared 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 full of protein and very rich; stock like it and eat it in preference to other corn. To all of those in want of one of the best corns for stock feeding, we can say we are in position to supply you with the very best of seed.

PRICE: Ear, 50c; lb., 35c; 7 lbs. (enough to plant 1 acre), \$2.25, postpaid.

See enclosed pink price list for peck and bu. prices.

Reid's Yellow Dent

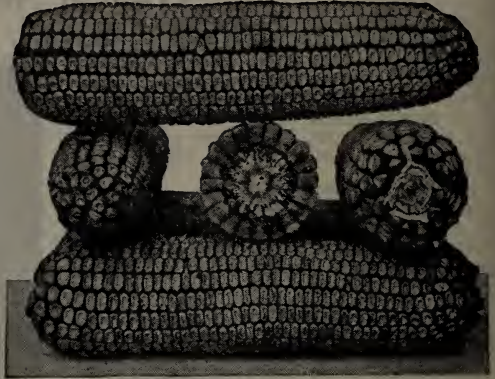
Large Ears, High Yielding Qualities; and Early Maturity.

A Thoroughbred Yellow Dent

If any seed corn can be truly called pedigreed, Reid's Yellow Dent Field Corn is certainly entitled to be known as such, as its history dates many years back. It has been bred up and selected with painstaking care to what is at the present time one of the best varieties of yellow corn grown. Ear medium in size, remarkably uniform, and of a bright yellow color, with solid, deep grain and small red cob. Has from 18 to 24 rows of kernels on the cob, 50 to 60 grains in the row, and is well filled over the ends, and especially the butt, leaving a small shank, which makes it a great favorite with huskers. Best shredded sort, as it shatters the least of any by actual test.

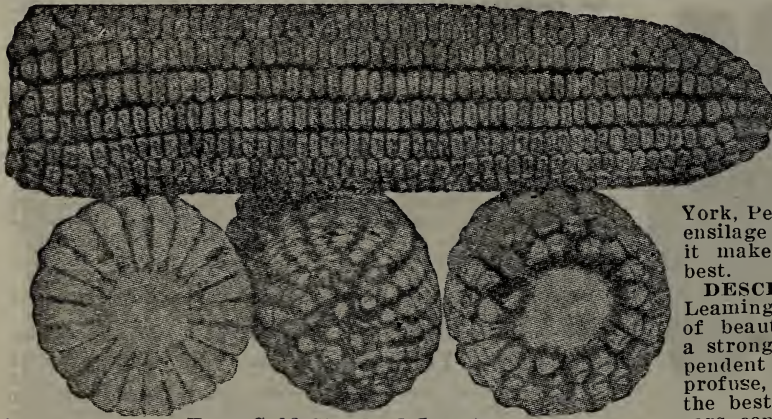
In some of the principal corn growing states of the West it has no equal, and reports from many other states are very flattering. The Iowa Experiment Station report of 1910 gave the Reid's Yellow Dent an average of 100 bushels per acre, while the Agricultural Students' Union of Ohio in 1913 gave it a yield of 14 per cent above all other varieties. As a winner of prizes from the World's Fair at Chicago in 1893, and at western corn carnivals and shows down to the present time, it stands at the head.

PRICE: Ear, 50c; lb., 35c; 7 lbs. (enough to plant 1 acre), \$2.25, postpaid.
See enclosed pink price list for peck and bushel prices.



Gold Standard—Early Leaming

The King of Cattle Corn This corn was originated by Mr. J. S. Leaming in Ohio in 1826, and was introduced into this part of Iowa fifty years ago, by pioneer settlers who came here from Ohio. Even at that early date, long before scientific corn breeding was talked of, it was noted for its uniformity and purity, also its distinct characteristics, and was extensively known by stock feeders. Since its first introduction many strains of Dent Corn have been started from this oldest known variety, but during all he years we have grown it we have adhered to and followed the original type started with, and by careful selection year after year, have greatly improved this excellent variety until it cannot be excelled.



Ears. Gold Standard Leaming.

GOLD STANDARD LEAMING is known as the **KING OF CATTLE FEEDERS' CORN**. There is none better—none yielding more bushels per acre. Being rich in protein and oil, it is ideal from a feeder's standpoint. In addition to its large grain yields it is grown extensively in the East, New England, New York, Pennsylvania and the Dakotas, for ensilage and fodder purposes of which it makes a wonderful supply of the best.

DESCRIPTION—Early Gold Standard Leaming is a pure and distinct variety of beautiful golden yellow. It grows a strong, rugged stalk 8 to 12 feet, dependent upon land, hill or bottom, very profuse, broad blades, making it one of the best ensilage and fodder varieties; ears contain 16 to 20 rows solidly set on small red cob, most stalks contain-

ing two ears, running from 8 to 10 and 12 inches long, usually about 10 inches; matures in 100 to 110 days good corn weather. We recommend this corn to farmers and feeders as a most excellent variety to plant.

PRICE: Ear, 50c; lb., 35c; 7 lbs. (enough to plant 1 acre, \$2.25, postpaid.
See enclosed pink price list for peck and bushel prices.

Extra Early 90-Day Corn

Queen of Nishna

A Thoroughbred Yellow Dent Corn for Northern Latitudes or Late Planting

This variety of corn was originated by us and while it was well-nigh perfection itself when we first began to catalog it, we have constantly tried to improve it in every way we could by culling out all barren stalks and increasing the number of ears to each stalk, and during the past ten years we have made yields of over 60 bushels per acre, and in 1914 we grew the enormous yield of 94 bushels on our experimental grounds, or over 20 bushels per acre better yield than from any one of six other early varieties, side by side with it on the same ground under identical conditions. We have frequently gathered good, sound, solid, well-matured hard corn from it in 75 days from the time it was planted and we have shelled corn from it 85 days from time of planting.

For an early feeding corn **Queen of Nishna 90-day Corn** has no equal. This makes an ideal ensilage corn for the northern farmer, maturing before frost and making a large yield. For the eastern farmer the same may be said, adding that this makes a fine feeding corn. In the south this corn has taken the place of the well-known June corn, making a greater yield and being a fine drought resister.

PRICE: Ear, 50c; lb., 35c; 7 lbs. (enough to plant 1 acre, \$2.25, postpaid.
See enclosed pink price list for peck and bushel prices.

We Have Over Two Hundred Thousand Satisfied Customers.

Diamond Joe's Big Early White Corn

Has Captivated the Entire Corn World, The Earliest Maturing Big Eared, White Corn Known or Grown

Has uniformly made heaviest yields everywhere, either white or yellow. It resists drought and hot winds better than any other known variety.



Diamond Joe's Big Early White

Diamond Joe This excellent variety of corn was originated and first introduced by us in 1905, and has been planted during this time in every section of the country where corn is grown, also in a number of foreign countries, and everywhere, north, south, east and west, it has proven itself one of the best, most wonderful in uniform large yields and early maturity that has ever been produced; in fact, it has a record of over 200 bushels of shelled corn per acre, ninety-five days from time planted, and a record in hundreds of instances of 100 to 125 bushels and over per acre. We can fully recommend this splendid variety of corn to the farmers and corn growers, everywhere, as one of, if not the best, safest, surest to plant on either rich or poor soil; also as the heaviest in yield, either white or yellow.

Droughtproof In the great drought-stricken districts of Nebraska, Kansas, Missouri, Oklahoma, Arkansas, Texas and other localities, during the corn growing season of 1918, where we sold and shipped thousands of bushels of this seed corn, it withstood and resisted the drought, heat and hot winds better than any other variety, and in many places made yields of 30, 40, 50 and 60 bushels per acre where other sorts were almost or a total failure. This corn has made corresponding yields, everywhere, when seasons were good and were bad, and all who have been fortunate enough to plant it have won a prize by doubling their yields. In fact, it would make one gasp with astonishment to read the hundreds of letters and reports we have received from farmers who have planted and grown crops from this corn—many of them are almost unbelievable, but ran so uniformly alike they are indisputable.

Description The accompanying illustration is a true picture, from a photograph of this corn, showing its general type and character. From the name we gave this corn some people may draw the impression that it is a large jumbo-overgrown variety, but it is not. It, however, is a large-eared corn, running somewhat larger in size than Iowa Silver Mine. Every stalk produces one and two good ears, and this is where its large, heavy yield comes in. The

stalks are large, strong and robust, growing to a height of 8 to 12 feet, dependent upon land, upland or bottomland, has a very heavy extensive root system and this is where its vitality to resist drought and hot weather comes in; the roots being almost equal to sorghum and Kaffir corn. Medium ears run from 8, 10, 11 and some 12 inches long and over, but usually about 10 inches, 16 to 20 rows, deep kernels solidly set on cob of medium size. In short, this corn was bred with a eye single to heavy yields and early maturity and not for show purposes, but for all around general crop purposes. There is no variety that will do better or equal it on old, poor or hill ground, and at same time there is no variety grown that will yield more bushels of good sound corn on strong, rich corn land. It is the embodiment of all the good qualities contained in all the best varieties, it's the sure thing. Our seed stock of this corn is exceptionally fine this year (extra choice), absolutely pure and we hope to be able to fill every order that comes to us, large or small. If you are looking for the corn that will make you the most bushels and the most money, stop right now and order enough to plant your entire crop. It's the corn that will do it. Plant Diamond Joe on good land and do your part and it will make you 100 bushels per acre.

Points of Supremacy

1. It is a pure and distinct variety.
2. It is a strong, vigorous, robust grower from the start.
3. It is free from barren stalks, every stalk bearing one or more well-developed ears.
4. It is very easy to mature, making itself everywhere in 100 days or less.
5. It will thrive and do well in extreme dry weather and drought, when other varieties fail.
6. Diamond Joe is a superior variety of corn from every point of view and will make you the most bushels and the most money, wet or dry—any season. Order enough to plant your entire crop. We are sure this corn will not disappoint your best expectations.

PRICE: Ear, 50c; lb., 35c; 7 lbs. (enough to plant 1 acre), \$2.25 postpaid.

See enclosed pink price list for peck and bushel prices.

Pure Genuine Iowa Silver Mine

Bred and Grown under Isolated Conditions—Especially for Seed Purposes
The Pure, Genuine Silver Mine Corn is one of the greatest yielding of all the white varieties. It is drought proof, of extreme vitality and does better on old, poor or hill land than any other variety. Early to mature, a big yielder and unexcelled for feeding, ensilage or fodder purposes. It is adapted to a wide range of conditions and is a great success in the north, south, east and west. It makes good where others fail and brings satisfaction to the farmer who plants it. Because of the great popularity of this corn thousands of bushels of white corn are offered and sold every year under the name of **Iowa Silver Mine** which bears no likeness to it. Our stock is pure.

DESCRIPTION—Stalk medium in height, ranging from 7 to 10 feet (dependent on the land, hill or bottom), very leafy broad blades; type of corn even and uniform; ears running from 9 to 12 inches in length; 16 to 20 rows pure white kernels solidly set on a medium small cob. Matures in from 90 to 100 days in good corn weather.

There is scarcely a township or neighborhood anywhere that corn is grown but what some of your neighbors can tell you about **Iowa Silver Mine** and the splendid results obtained from it. In view of this we do not deem it necessary, if space would permit, to print even a partial list of the thousands of testimonials we have received pertaining to this corn.

WE CANNOT TOO HIGHLY RECOMMEND THIS VARIETY.

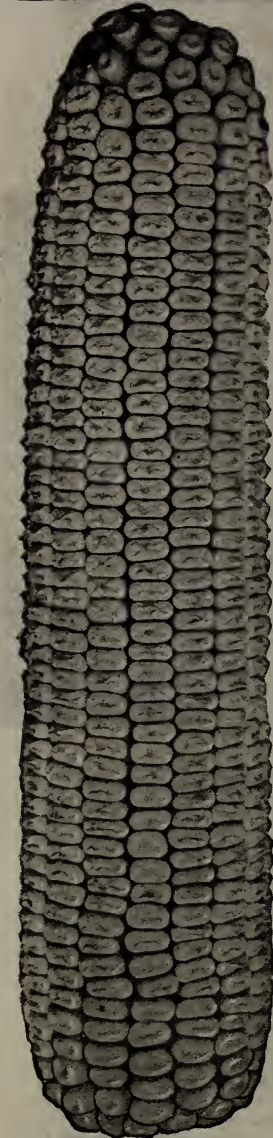
Price: Ear, 50c; lb., 35c; 7 lbs. (enough to plant 1 acre), \$2.25, postpaid.
 See enclosed pink price list for peck and bushel prices.

Wallace's Favorite White We place this superior variety of corn before our customers for the 15th year with renewed assurance that experience has demonstrated and proven it is one of the best, highest yielding varieties of all our introductions. While we do not claim it will make two, three or four hundred bushels per acre, we know it can be relied upon to yield as many bushels of good, sound corn per acre inside of 120 days as any variety to be found and if planted on good ground will yield from 90 to 100 bushels per acre, and even more under perfect conditions.

DESCRIPTION—The stalk is large, strong and robust, usually from 8 to 10 feet high, with long, broad leaves, extending from points, which are close together and producing one and two good ears to the stalk, running from 8 to 12 inches long, with 16 to 20 rows of grains on white cob. Surely this corn will not disappoint your best expectations. Try it, no matter where you live—east, west, north or south. It is not only good for the grain it grows, but one of the best combination varieties for grain, fodder and ensilage purposes there is grown. It will please you.

PRICE: Ear, 50c; lb., 35c; 7 lbs. (enough to plant 1 acre), \$2.25, postpaid.
 See enclosed pink price list for peck and bushel prices.

Boone County White This is a large white corn, perhaps the largest stock and largest eared field variety there is grown, either white or yellow, and is a great favorite with some of our customers where the seasons are long enough for it to mature, which requires from 130 to 140 days ordinary corn weather. The stalks grow from 9, 10 to 12 feet in height; ears from 9 to 12 inches in length; 16 to 22 rows deep grains on medium large cob; like all-white varieties, it does better on old or thin soil than yellow sorts, and gives corresponding yields on good, rich or bottom land. With favorable seasons, where it has plenty of time to mature, it is a valuable and very productive variety; say the states of Kansas, Missouri, Southern half of



Iowa Silver Mine.

Illinois, Indiana and from there south to the Gulf Coast states. Our seed stock of this variety is pure, and especially fine, well matured and can be relied upon to germinate and give a good or perfect stand under reasonable weather conditions.

PRICE: Ear, 50c; lb., 35c; 7 lbs. (enough to plant 1 acre), \$2.25, postpaid.

See enclosed pink price list for peck and bushel prices.

Saint Charles White This excellent variety of white corn was originated in Saint Charles county, Missouri, and is very popular with many farmers who have grown it, and become wedded to it—the exclusion of other varieties. We can recommend it as one among the best standard sorts.

DESCRIPTION—Saint Charles White is a very handsome pure variety of white corn set on a red cob, ears usually 8 to 10 inches long, 16 to 18 rows of deep, broad kernels. Stalk grows from 8 to 10 feet high, dependent upon the land upon which it is planted, lowlands and bottom producing the taller stalks; the stalks growing broad, succulent blades, making it very desirable corn for general crop purposes for grain, fodder or for ensilage purposes. Our customers in east, west, central west and south for the grain crop, and in the east and north for ensilage and fodder.

PRICE: Ear, 50c; lb., 50c; 7 lb. (enough to plant 1 acre), \$2.50, postpaid.



Wallace's Favorite White.

Silver King

For Northern States

**A SUPERIOR NINETY-DAY VARIETY SUITABLE FOR NORTHERN PLANTING**

Pedigreed Seed Corn, like pedigreed stock, must have a record behind them showing their ability to produce larger yields than other leading varieties under precisely the same conditions also their vitality to resist extremes of seasons and weather to the utmost degree.

Silver King is an extra early white variety, and originated with Mr. A. L. Goddard, of Kossuth County (near the Minnesota line), who also originated Pride of the North more than thirty years ago.

This corn has not been grown very much south of the north Iowa district, but it will make a

good crop anywhere. Because of its extreme earliness it will be safe to plant in the North, where the larger later sorts will not mature sufficiently, and in the southern and central corn belt will be ready for feeding thirty days ahead of Reid's Dent or the large late varieties. Very popular wherever known.

DESCRIPTION: In appearance is a beauty. Ears averaging eight to ten inches, uniform in size and type, pure white in color, set compactly in straight rows, a strong grower, early enough to mature as far north as St. Paul, Minn.; has a decided double-ear characteristic, one reason for its fine yield records.

PRICE: Ear, 50c; lb., 35c; 7 lbs. (enough to plant 1 acre), \$2.25, postpaid

See enclosed pink price list for peck and bushel prices.

Improved White Cap Bloody Butcher

Is a very early, heavy yielding variety of corn— one of the best, most hardy and most certain to always make a good crop, wet or dry, on either rich or poor land.

When we first started to list this corn, we listed it only as an extra early variety, and claimed it to yield only 30 to 50 bushels per acre under good conditions, but it has proven always to exceed yields in excess of our claims for it. It has also responded to careful attention, more quickly and definitely, from careful selection of our seed stock, than any other variety we have attempted to improve or propagate beyond its normal habits. Since this improvement has been so manifest, compared with what it was when we began its introduction, we are now selling fifty bushels of seed where we only sold one, seven or eight years ago. In short, it is an early sort that any farmer can tie to, and the more he plants the better pleased he will be. The nutritious qualities of the Dakota Bloody Butcher corn is very high; many stock feeders claim that one bushel is equal to 1½ bushels of ordinary varieties. We, however, do not claim this much for it, but it is certainly of unusual nutrition, a variety of corn that is worth considering. It does better on old, poor, thin land than any other variety, save possibly "Hickory King." But Dakota Bloody Butcher being fully six weeks earlier to mature and yielding twice as much per acre, there can hardly be a comparison made between them. Length of time for it to mature is from 80 to 90 days. For early feeding there is no corn that surpasses it. Every stock



Improved White Cap Bloody Butcher
(early) 85 to 90 days.

farmer should plant some of this corn. It will not disappoint your best expectations.

PRICE: Ear, 50c; lb., 35c; 7 lbs. (enough to plant 1 acre), \$2.25, postpaid.

See enclosed pink price list for peck and bushel prices.

Eighty Day Flint Corns

Ready for Use a Month

Mammoth Longfellow Flint is an eight-rowed yellow flint variety, with ears from ten to fifteen inches long, 2 to 2½ inches in diameter, and well filled out to the extreme end of the cob. The cob is small and the kernel large and broad; ripens in eighty days. This corn is well adapted to the northwest. Has been grown in northern Minnesota and North Dakota for fifteen years with great success and complete satisfaction. Average season of maturity, eighty days. Very prolific, having yielded 164 bushels of sound ears to the acre and has produced 194 bushels of ears to the acre in Vermont. Many stalks have two and very often three good ears. Stalks average seven to nine feet in height and make excellent fodder. Very few suckers.

PRICE: Ear, 50c; lb., 50c; 7 lbs. (enough to

Earlier Than Ordinary Varieties
plant 1 acre), \$2.50, postpaid.

See enclosed pink price list for peck and bushel prices.

Sanford's Early White Flint This standard variety is considered the best flint corn on the market. The ears are of unusual length, 12 to 15 inches, and handsome shape, flinty white color. Plants of sturdy, vigorous growth; leaves are very broad and succulent, and it is therefore of great value for fodder and ensilage, as well as for a grain crop. Stalks usually bear two or three long ears.

PRICE: Ear, 50c; lb., 50c; 7 lbs. (enough to plant 1 acre), \$2.50, postpaid.

See enclosed pink price list for peck and bushel prices.

VEGETABLE AND FLOWER COLLECTIONS

Our Home Garden Collection No. 1

Our Kitchen Garden Collection No. 2

**\$2.00. GETS THIS COMPLETE COLLECTION
DELIVERED FREE AT YOUR DOOR**

**Thirty-eight Best Varieties of Vegetable Seeds,
Including Nine 1-3 Pint Packages of Beans,
Peas, Sweet Corn, and Pop Corn**

The Biggest and Best Bargain Ever Offered by Any Seed House

- 13 pint Beans, Improved Golden Wax.
- 1-3 pint Beans, Long Yellow Six Weeks.
- 1-3 pint Beans, Stringless Green Pod.
- 1 large packet Beet, Early Eclipse.
- 1 large packet Beet, Blood Turnip.
- 1 large packet Cabbage, Early Jersey Wakefield.
- 1 large packet Cabbage, Autumn King.
- 1 large packet Carrot, Danvers Half Long.
- 1 large packet Celery, Golden Self Blanching.
- 1 large packet Cucumber, White Spine.
- 1 large packet Cucumber, Chicago Pickling.
- 1-3 pint Sweet Corn, Golden Bantam.
- 1-3 pint Sweet Corn, Evergreen.
- 1-3 pint Pop Corn, White Rice.
- 1 large packet Egg Plant, Black Beauty.
- 1 large packet Endive.
- 1 large packet Lettuce, Early Curled Simpson.
- 1 large packet Lettuce, Improved Hanson.
- 1 large packet Muskmelon, Rocky Ford.
- 1 large packet Watermelon, Cole's Early.
- 1 large packet Watermelon, Kleckley's Sweet.
- 1 large packet Onion, Red Wethersfield.
- 1 large packet Onion, Yellow Globe.
- 1 large packet Parsley.
- 1 large packet Parsnip, Hollow Crown.
- 1-3 pint Peas, Alaska.
- 1-3 pint Peas, Gradus.
- 1-3 pint Peas, Telephone.
- 1 large packet Peppers, Bull Nose.
- 1 large packet Pumpkin, Pie.
- 1 large packet Radish, French Breakfast.
- 1 large packet Radish, Icicle.
- 1 large packet Salsify, Sandwich Island.
- 1 large packet Spinach, Bloomdale.
- 1 large packet Squash, Hubbard.
- 1 large packet Tomato, Earliana.
- 1 large packet Tomato, Matchless.
- 1 large packet Turnip, Purple top.

This collection is already put up in sealed packages and cannot be changed.

Our Half Dollar Collection No. 3

As an inducement to those who have never tried our garden seed collections we are offering the following trial collection. Twelve full sized packages of new crop vegetable seeds for 50 cents.

- 1 large packet Cabbage, Sure Head.
- 1 large packet Beet, Blood Turnip.
- 1 large packet Carrot, Oxheart.
- 1 large packet Bean, Valentine.
- 1 large packet Lettuce, Hanson.
- 1 large packet Cucumber, White Spine.
- 1 large packet Watermelon, Tom Watson.
- 1 large packet Onion, Prizetaker.
- 1 large packet Radish, Icicle.
- 1 large packet Tomato, Earliana.
- 1 large packet Muskmelon, Rocky Ford.
- 1 large packet Turnip, Purple Top.

**25 Best Garden Vegetables Delivered Prepaid,
for \$1.00**
Compare this value with any collection offered by other seedsmen.

- 1 large packet Beans, Golden Wax.
- 1 large packet Beans, Stringless Green Pod.
- 1 large packet Beet, Early Dark Beauty.
- 1 large packet Cabbage, Jersey Wakefield.
- 1 large packet Cauliflower, Snowball.
- 1 large packet Carrot, Danvers Half Long.
- 1 large packet Celery, Golden Self Blanching.
- 1 large packet Cucumber, White Spine.
- 1 large packet Sweet Corn, Golden Bantam.
- 1 large packet Egg Plant, Black Beauty.
- 1 large packet Leek, London Flag.
- 1 large packet Lettuce, May King.
- 1 large packet Muskmelon, Emerald Gem.
- 1 large packet Watermelon, Kleckley's Sweet.
- 1 large packet Onion, Prizetaker.
- 1 large packet Onion, Red Wethersfield.
- 1 large packet Pepper, Bull Nose.
- 1 large packet Peas, Alaska.
- 1 large packet Peas, Gradus.
- 1 large packet Pumpkin, Pie.
- 1 large packet Radish, Icicle.
- 1 large packet Radish, French Breakfast.
- 1 large packet Tomato, Earliana.
- 1 large packet Tomato, New Stone.
- 1 large packet Turnip, Purple Top.

A total of 25 large packets sent postpaid for \$1.00. If ordered from catalog would cost \$1.60. This collection is put up for mailing and cannot be changed.

Our Introductory Collection No. 4

8 Large Packets, 25 Cents, Postpaid.

- 1 packet Pansy.
- 1 packet Balsam.
- 1 packet Petunia.
- 1 packet Poppy.
- 1 packet Verbena.
- 1 packet Dianthus.
- 1 packet Aster.
- 1 packet Candytuft.

For 25 cents, we will send the above packets, postpaid. No changes allowed in this collection. All collections are put up for mailing before our busy time is on, which allows us to offer them to you at such low prices.

Our Big Banner Half Dollar Collection No. 5

18 Large Packets, 50 Cents, Postpaid

- 1 packet Amaranthus.
- 1 packet Fine Mixed Asters.
- 1 packet Sweet Alyssum.
- 1 packet Ageratum.
- 1 packet Antirrhinum.
- 1 packet Balsam.
- 1 packet Candytuft, Empress.
- 1 packet Canterbury Bell.
- 1 packet Chrysanthemum.
- 1 packet Cosmos.
- 1 packet Dianthus, Superb.
- 1 packet Forget-Me-Not.
- 1 packet Marigold.
- 1 packet Mignonette.
- 1 packet Dahlia.
- 1 packet Pansy.
- 1 packet Mixed Sweet Peas.
- 1 packet Carnation.

For 50 cents, we will send the above full-sized packets, postpaid. No changes will be allowed in this collection.

HIGHEST GRADE VEGETABLE SEED FOR 1921

Asparagus

Sow an Ounce of Seed to 50 Feet of Row.

Asparagus is rapidly becoming one of the most popular garden delicacies grown. Where but an odd individual or two grew asparagus a few years ago will be found hundreds cultivating it today.

Sow the seed in drills, about one inch deep, and the rows about one foot apart. Keep the soil mellow and free from weeds during the summer, and in the fall or succeeding spring the plants should be set about one foot apart and the crown four inches below the surface. The beds should be narrow so as to permit of cutting to the center. Before winter cover the transplanted beds with about four inches of manure. Salt is an excellent manure for asparagus. Sow a little on the surface in the spring and it will keep down the weeds. The young tops may be cut for the table the second summer, but not very freely until the third.

Columbian Mammoth White

A new and entirely distinct variety that produces shoots which are white and stay white as long as fit for use. It is more robust and vigorous in habit and throws up larger shoots and fully as many of them as Conover's Colossal, and requires no earthing up in order to furnish the white shoots so much sought after. PRICE: Large packet, 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00, postpaid.

Barr's Mammoth

A bunch of 25 edible shoots weighed 13 pounds. The shoots are quite often 1 inch in diameter, of a very fine flavor and are very tender and succulent. PRICE: Large packet, 5c; oz., 10c; ¼ lb., 25c; lb., 80c, postpaid.

Conover's Colossal

A mammoth green sort of the largest size and of good quality. PRICE: Large packet, 5c; oz., 10c; ¼ lb., 25c; lb., 80c, postpaid.

Palmetto

in growth and appearance. Usually Mammoth in size, even and regular ready for market before other varieties. PRICE: Large packet, 5c; oz., 10c; ¼ lb., 25c; lb., 80c, postpaid.

Brussels Sprouts

Pedigreed Hamburg

This melting, luscious vegetable is unquestionably one of the choicest and most appetizing morsels ever set on a table. While in appearance they resemble miniature cabbage, they vastly excel the most tender and choicest cabbage ever grown. This exceptionally hardy type is easy to cultivate. Can be left in the ground long after frost, as hard frost enhances its eating qualities to a considerable degree. We have created an unprecedented demand for our Pedigreed Hamburg all over the United States owing to its remarkable juicy tenderness and strong, robust, healthy growth. We consider it incomparable.

Culture is the same as cabbage except that plants should be set 15 inches apart in rows 2 feet apart. PRICE: Large packet, 10c; oz., 35c; ¼ lb., \$1.00; postpaid.

Improved Dwarf

Is planted all over the United States. It is a vegetable of great delicacy. PRICE: Large packet, 10c; oz., 30c; ¼ lb., 90c; postpaid.

Dalkeith

A great improvement over the old-fashioned Dwarf. PRICE: Large packet, 10c; oz., 30c; ¼ lb., 90c; postpaid.

Artichoke

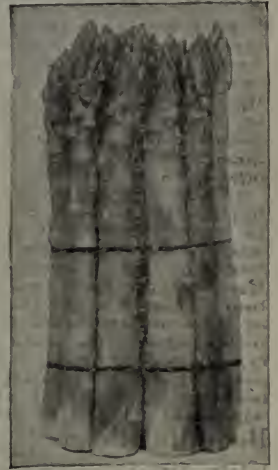
One ounce of Seed will produce about 500 plants.

A delicious vegetable. The blossom is cooked and prepared set like asparagus.

Plants set in any good soil with slight covering in winter will remain in bearing several years.

LARGE GREEN GLOBE. PRICE: Large packet, 10c; oz., 50c; ¼ lb., \$1.75; postpaid.

EARLIEST. The earliest Artichoke known. PRICE: Large packet, 10c; oz., 45c; ¼ lb., \$1.60; postpaid.



Columbian Mammoth White

Borecole or Kale

One Ounce of Seed will produce 3,000 plants.

Borecole or German Greens

Culture: For late Fall or early Winter use, sow in June and transplant about the middle of July in rows 18 to 24 inches, setting the plants 12 to 18 inches apart in the rows. For Spring use, sow in August and transplant a month later. One ounce will produce 3,000 plants; ¼ pound enough for an acre. Protect during winter with a covering of hay or coarse litter. All kales are best when touched by frost.

Moss Curled

The best and hardiest variety of cultivation. Robust, very compact in growth, with dense moss curled leaves of deep green color. The stems produce a wealth of curly sprouts which are perfectly tender and of a delicious flavor. 30 inches high; stands cold weather and improves in deliciousness. PRICE: Large packet, 5c; oz., 25c; ¼ lb., 75c; postpaid.

Dwarf Erfurt

This magnificent novelty was introduced from Erfurt, Germany, where it grows to perfection. It is extremely prolific, of light green color and most delicious flavor. Leaves large and curled like parsley. PRICE: Large packet, 5c; oz., 25c; ¼ lb., 75c; postpaid.

Tall Curled Scotch

A hardy, ornamental plant 3 to 4 feet high, with long, deeply cut and curled, light green leaves of fine quality. PRICE: Large packet, 10c; oz., 40c; ¼ lb., \$1.25; postpaid.

Broccoli

Culture same as Cauliflower.

Large White

The most useful variety, easily grown. The plants are quite hardy. If set outdoors early in spring the crop will be ready the latter part of September. Successional sowing could be made for later cuttings. The heads are very large, firm, pure white and unsurpassed in quality. PRICE: Large packet, 10c; oz., 40c; ¼ lb., \$1.25; postpaid.

PURPLE CAPE—A standard sort; very fine. PRICE: Large packet, 10c; oz., 50c; ¼ lb., \$1.60; postpaid.

Beans—Bush or Snap Green Podded Varieties

Bush Beans are the type generally grown for early string or snap beans, both for home use and for market. They come in two general classes, the Green Podded and the Yellow, or Wax Podded varieties. It is a question which type is the better. Some people like one and some the other. Some markets prefer the wax pods, while others prefer the green pods.

CULTURE: Beans are somewhat tender, but it often pays to take some risk. Plant in warm, loamy soil at the beginning of settled, warm weather in spring, and at intervals for succession until August. Rows may be made two feet apart, and the beans planted a few inches apart in drills, or three or four beans in hills six or eight inches apart. Cultivate and hoe frequently, always, however, when the vines are perfectly dry. In hoeing draw the soil up towards the roots of plants. One quart will plant 100 feet of drill.

Bountiful Beans First in Spring—The Last in Fall. Absolutely Stringless—Continuous Bearer.

This superior variety was first introduced by us in 1910, and our customers have grown it everywhere and it has become exceedingly popular wherever grown. It is a distinct variety and improvement in the green Bush Bean. We cannot praise it half high enough. The plant is remarkably handsome, being practically rust and mildew proof. It is very hardy, extremely early, very prolific, and bears continuously longer than any other variety—is the first to produce pods fit to pick in the spring, and the last to yield edible pods in the fall; in fact, frost usually finds mid-summer-sown plants still in pod and blossom.

But the crowning merit of this grand Bush Bean is in the rich green pods which are of immense size, thick, broad, extra long, very uniform in shape, solid, meaty and of high quality, tender and delicious flavor exclusively their own; moreover the pods are absolutely stringless and entirely free from tough membranous lining, not only when young, but tender "snap brittle" quality is retained even into maturity.

In addition to other merits of Bountiful as a snap bean it is most excellent shelled after it is ripe for winter use.

This variety, while unrivalled in its class for the home garden, is also in great demand among the truck growers. Its handsome appearance and superior quality holds our customers everywhere.

PRICE: Large packet, 5c; ¼ lb., 15c; lb., 50c; 3 lbs., \$1.35; postpaid.

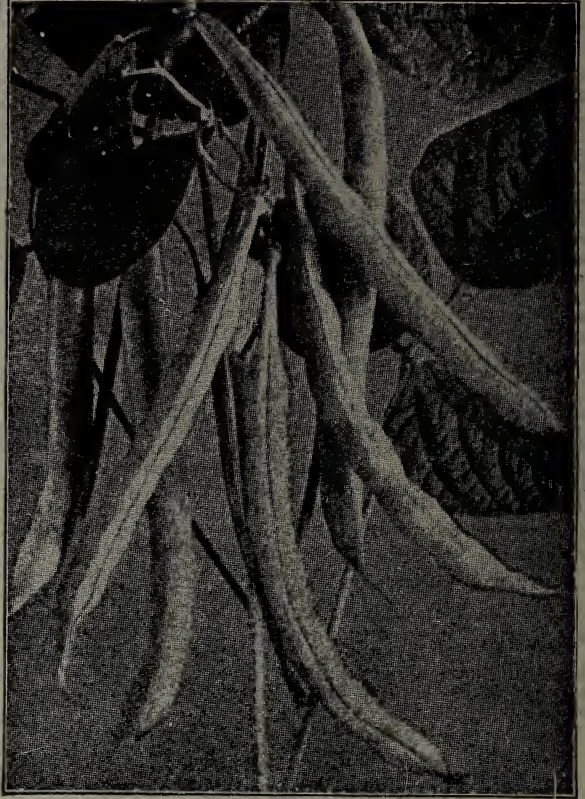
Burpee's Stringless Green Pod This famous Bean is unequaled! It combines hardiness, earliness and wonderful productiveness, with pods of finest quality. Early plantings may be made to produce the earliest crop.

By repeated plantings pods may be had in constant succession from spring until frosts in the fall. The pods are the finest in quality, of a rich green, round and straight, five inches long, solidly meaty and broad.

PRICES: Large packet, 5c; ¼ lb., 15c; lb., 50c; 3 lbs., \$1.35; postpaid.

Refugee, or Thousand-to-One A very productive, hardy, vigorous late sort, much in favor of the canning trade. Pods 5 to 5½ inches long, somewhat slender, round and slightly curved; almost stringless; fine-grained and good quality; color light green. **PRICE:** Pkt., 5c; ¼ lb., 15c; lb., 50c; 3 lbs., \$1.25, postpaid.

Hopkins' Improved Red Valentine An improved strain of Red Valentine. Pods somewhat longer and more round; seeds darker in color. **PRICE:** Pkt., 5c; ¼ lb., 15c; lb., 50c; 3 lbs., \$1.25, postpaid.



Bountiful Beans

Longfellow A very excellent variety of French origin. Moderately early and productive. Pods dark green, 5½ to 6½ inches long, very slender, straight and round; very slightly stringy, tender, fine grained, attractive, and of good quality. Makes an excellent canning sort. **PRICE:** Pkt., 5c; ¼ lb., 15c; lb., 50c; 3 lbs., \$1.25, postpaid.

Improved Early Red Valentine A very hardy, early and productive standard sort. Pods 4½ inches long, round and creasebacked, medium green, slightly stringy and of good quality. **PRICE:** Pkt., 5c; ¼ lb., 15c; lb., 50c; 3 lbs., \$1.25, postpaid.

Long Yellow Six Weeks An old standard sort, very vigorous, hardy, productive and early. Pods 5 to 6 inches long, flat, light green in color, with more or less string and of medium quality. **PRICE:** Pkt., 5c; ¼ lb., 15c; lb., 50c; 3 lbs., \$1.25, postpaid.

Black Valentine Beautiful large pods about 6 inches long, slender, round and nearly straight; stringy, fibrous, though fine grained, dark green in color. Seed black. An early, productive, profitable gardener's variety. Plant more vigorous and productive than Red Valentine and pods darker green. **PRICE:** Pkt., 5c; ¼ lb., 15c; lb., 50c; 3 lbs., \$1.25, postpaid.

Giant Stringless Green Pod Somewhat similar to Burpee's Stringless, but pod is a little longer, straighter and more slender, more depressed between beans and slightly lighter in color; early, hardy and of highest quality. **PRICE:** Pkt., 5c; ¼ lb., 15c; lb., 50c; 3 lbs., \$1.25, postpaid.

Low's Champion Bush A very old variety of the Horticultural type, sometimes known as Red Cranberry. Pods about 5 inches long, very flat, extremely straight, stringless, tender and of fine quality. Beans deep red. Extensively used as a canning variety in the Eastern states. **PRICE:** Pkt., 5c; ¼ lb., 15c; lb., 50c; 3 lbs., \$1.25, postpaid.

Write us for peck and bushel prices on beans.

Your Order and Money is Safe with Us.

Beans—Wax Podded Varieties

Wardwell's New Kidney Wax ^{Most Profitable} ^{Market Gardener's} **Shipping Bean.** This bean is entirely distinct from that of other Wax varieties; perfect kidney-shape. Most prolific variety; one of the earliest and most hardy. Pods long, flat, waxy yellow, brittle and stringless. Desirable for every climate. Can be grown with great profit in the South for early shipment North.

PRICE: Large packet, 5c; ¼ lb., 15c; lb., 50c; 3 lbs., \$1.35; postpaid.

Improved Rust Proof Golden Wax ^{The Standard Wax} **Variety for General Use.** It would seem that the ideal in Wax Beans had materialized with this improved type. It is the highest strain of Golden Wax yet produced and we voice the expressions of thousands of delighted customers when we state this seed of Selected Golden Wax is distinctly in a class of its own.

Gardeners find this selected seed highly meritorious on account of its earliness, splendid shipping qualities and strikingly handsome appearance. The pods are oval, a trifle straighter than the old types of Golden Wax, very brittle, stringless, superb, of luscious flavor. About 5 inches long, deep rich yellow color. The plants are dwarf, thick stem, growth very rapid maturing.

PRICE: Large packet, 5c; ¼ lb., 15c; lb., 50c; 3 lbs., \$1.35; postpaid.

New Kidney Wax We have realized the importance of a pure white, tender bean for canners' purposes, and in this new Kidney Wax we believe we have just what the people have been looking for. The beans being pure white, present the most attractive appearance when cooked. The fresh pods remain tender longer than those of any other variety. It is as heavy a yielder as the Davis White Wax and of a superior quality. The pods are straight, of a bright lemon yellow, brittle, meaty and entirely stringless at all stages of growth. It is the very bean the canners and truckers have been seeking for years, as it combines quality and quantity, which can be used as a string bean until large enough to shell, while the seed, being large and pure white, is most desirable for shell beans, both for summer and winter use.

PRICE: Large packet, 5c; ¼ lb., 15c; lb., 50c; 3 lbs., \$1.35; postpaid.

Challenge Black Wax The pods are very fleshy, round and saddle-backed with only slight strings. Bushes grow uniform, about 15 inches in height, and produce a large crop. It is an old standard and one of the most profitable sorts for private use or market.

PRICE: Large packet, 5c; ¼ lb., 15c; lb., 50c; 3 lbs., \$1.35; postpaid.

Dwarf Black Wax This is fully one week earlier than any other Wax Bean. There are none better for first early crop.

PRICE: Large packet, 5c; ¼ lb., 15c; lb., 50c; 3 lbs., \$1.35; postpaid.

Improved Black Wax (Dwarf German Prolific.) This bean originated from the old Black Wax and is a great improvement over its parent. One of the earliest of all the wax beans and very productive. The pods are from 4 to 5 inches in length; usually slightly curved, quite round, brittle and stringless.

PRICE: Large packet, 5c; ¼ lb., 15c; lb., 50c; 3 lbs., \$1.35; postpaid.

Davis White Kidney Wax A very showy variety, and is largely grown for canning factories. The pods are a clear white color, plump, full and rust proof, or as nearly so as any bean may be. This is an excellent variety, but it does not retain its



Wardwell's Kidney Wax

tenderness as long as our Kidney Wax.

PRICE: Large packet, 5c; ¼ lb., 15c; lb., 50c; 3 lbs., \$1.35; postpaid.

Write us for peck and bushel prices on beans.

The Tapary Beans, the Great Dry

Weather Bean This is the bean that was discovered at the foot of the mountains in the arid regions of Arizona, where the rainfall is but 9 inches during the whole year. It was discovered by Robert W. Clothier, of the University of Arizona, who traveled 1,300 miles in a wagon, through Arizona, studying the possibilities of Dry Farming and seeking to learn what crops were best suited to the dry climate of the Southwest. These beans were taken to Tucson to the agricultural experiment station, in 1908, where they have been grown with great success since that time, but it is only now that we have been able to obtain sufficient seed to justify us in cataloging them; however, have grown them here the past two years in a limited way, in order to test them out, and they have, here as elsewhere, proven one of the best, most nutritious beans of all previous introductions. They are a white bean, very much resembling the Navy Bean, although not as large in size, but of all the producers they take the cake over all. They are not only one of the finest Navies for table use, but also quite equal to Field Beans and Pens for stock—for hay and forage. They also resist dry weather beyond any comparison with others, and are the quickest to mature, time of maturing being full 30 days ahead of the White Navy Bean. Thus they can be successfully grown if planted in Iowa or Nebraska as late as July 10.

PRICE: Large packet, 5c; ¼ lb., 15c; lb., 40c; 3 lbs., \$1.00; postpaid.

Choice Navy Beans Our stock of this well-known variety has been carefully selected and cleaned and will be found far superior to beans commonly offered as "Navy Stock." **PRICE:** Large packet, 5c; ¼ lb., 15c; lb., 40c; 3 lbs., \$1.00, postpaid.

Beans—Pole or Running

The Pole or Climbing beans are more tender, and require more care in culture than the bush varieties. They should be planted about two weeks later and will succeed best in sandy loam.

Each packet of Pole Beans will contain 2 ounces and will plant 15 to 20 hills. A pound will plant about 100 hills.

Lazy Wife Pole Bean The pods are produced in great abundance and measure from 6 to 8 inches in length; they are broad, thick, very fleshy and entirely stringless. The pods retain their rich, tender and stringless qualities until nearly ripe, and are unsurpassed in all stages. Each pod contains 6 to 8 round white beans, which make excellent winter shell beans. They are late to mature, but are valuable to extend the season. This is an excellent bean, and is sure to give satisfaction.

PRICE: Large packet, 5c; $\frac{1}{4}$ lb., 20c; lb., 60c; 3 lbs., \$1.50; postpaid.

Kentucky Wonder or Old Homestead

We can recommend this as one of the earliest and most satisfactory of all Green Podded Pole Beans, and unsurpassed for using in the green state. It is enormously productive; the long, silvery, green pods hanging in great clusters from top to bottom of the pole. While young the pods somewhat resemble the popular old Refugee. This is the best and most profitable bean for the market gardener, the pods being so showy and produced so abundantly.

PRICE: Large packet, 5c; $\frac{1}{4}$ lb., 20c; lb., 60c; 2 lbs., \$1.50; postpaid.

White Dutch Case Knife Yields an immense crop of handsome, flat white beans of excellent flavor. Cooks easily.

PRICE: Large packet, 5c; $\frac{1}{4}$ lb., 15c; lb., 50c; 3 lbs., \$1.35; postpaid.

Red Speckled Cut Short or Corn Hill

An old variety, very popular for planting among corn. It will give a good crop without the use of poles; vines medium, twining loosely, with dark colored, smooth leaves and white blossoms in small clusters; pods short, cylindrical and tender;

beans nearly oblong, cut off diagonally at the ends; white, covered at one end and slightly over the surface with reddish-brown dots.

PRICE: Large packet, 5c; $\frac{1}{4}$ lb., 20c; lb., 60c; 3 lbs., \$1.50; postpaid.

Horticultural Pole Bean The finest baking beans with pods six inches long; good either as a snap or for shelling. The mammoth pods are beautifully striped and splashed with brilliant carmine. Very showy and attractive and the immense beans are of the finest quality.

PRICE: Large packet, 5c; $\frac{1}{4}$ lb., 15c; lb., 50c; 3 lbs., \$1.35; postpaid.

Giant Podded Lima This, the largest podded and heaviest cropper of all the Limas. It is earlier than King of the Garden and a heavier yielder. A very vigorous grower, the vines attaining a height of 10 to 12 feet, excelling in this respect all other Limas. We have been breeding this type for four years at the trial grounds and offered it in the catalogue for the first time last year. It is the largest podded, the largest seeded and most productive of all Lima Beans.

PRICE: Large packet, 5c; $\frac{1}{4}$ lb., 20c; lb., 60c; 3 lbs., \$1.50; postpaid.

Lima, King of the Garden This old standard sort is one of the best for main crop. It is vigorous in growth and immensely productive. The vines begin to produce pods near the foot of the pole, and the bearing season continues without interruption until frost. The pods are large, numerous and well filled. The beans are of mammoth size and uniform.

PRICE: Large packet, 5c; $\frac{1}{4}$ lb., 15c; lb., 50c; 3 lbs., \$1.35; postpaid.

Bush Lima Beans

New Fordhook Bush Lima Fordhook Bush Lima is altogether different from the Burpee Improved, as it belongs to the potato or "fat" class of Limas. The shelled beans are much thicker and more blocky in shape and are crowded so closely in the pods they are flattened at the ends. Pods are large, 4 to 6 inches long, containing 4 to 5 beans. Even when of full size are tender, juicy and sweet flavored, like large, flat Limas, being much better in quality than any other Potato Lima.

PRICE: Large pkt., 5c; $\frac{1}{4}$ lb., 20c; lb., 60c; 3 lbs., \$1.50; post

Burpee's Improved Bush Both beans and pods larger than the old type; average one more bean to the pod; beans larger and thicker than in the old form.

PRICE: Pkt., 5c; $\frac{1}{4}$ lb., 20c; lb., 60c; 3 lbs., \$1.50; postpaid.

Dreer's Bush A thick seeded, or potato type, of Dwarf Lima; equally productive with Burpee's but a week later; of high quality.

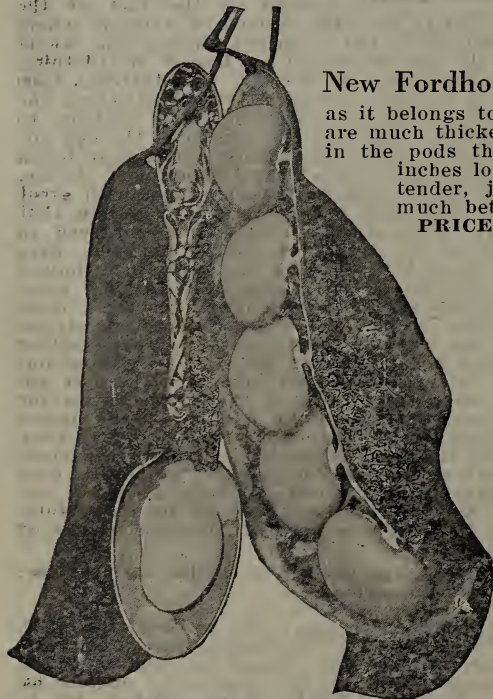
PRICE: Pkt., 5c; $\frac{1}{4}$ lb., 20c; lb., 60c; 3 lbs., \$1.50; postpaid.

Henderson's Bush A vigorous, hardy, very early and small type of Bush Lima; much in favor with canners. Pods small, about 3 inches long, containing three to four small, flat, white beans of good quality.

PRICE: Pkt., 5c; $\frac{1}{4}$ lb., 20c; lb., 60c; 3 lbs., \$1.50; postpaid.

New Wonder Bush Similar to Burpee's Bush in season and productiveness. The plant, however, is more dwarf and less inclined to make runners; bean broader, thinner and more flat.

PRICE: Pkt., 5c; $\frac{1}{4}$ lb., 20c; lb., 60c; 3 lbs., \$1.50; postpaid.



New Fordhook Bush Lima

Select Table Beets

One ounce will sow 50 feet of row. 5 or 6 pounds for an acre.

CULTURE: The best results are obtained on a deep, sandy loam. For general crop sow as soon as the ground will permit in drills 18 inches apart and thin out 4 inches in the row. For winter use the turnip varieties may be sown in June, and the beets may be kept by storing in a cellar and keeping covered with sand or sandy soil to prevent wilting, or they may be kept outdoors in pits such as are used for apples and potatoes. One or two ounces, or single packets of two or three sorts, will give a good supply for a large family. It is best to sow in freshly prepared soil, which should be pressed firmly over the seed.

Early Blood Turnip Beet The Early Blood Turnip Beet is one of the old standbys and still retains its position at the head of all the best table beets there is grown. It is very early, nearly as early as Egyptian, and greatly surpasses that variety in flavor. The roots of the Blood Turnip Beet are nice large size and grow uniformly perfect, nearly globe shape, with a slim tap root. The leaves are small, colored dark crimson. The color is blood red and quality excellent, flesh being tender, rich deep crimson and fine flavor. Makes a splendid appearance and an excellent seller on the market. **PRICE:** Large packet, 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50; postpaid.

Crosby's Egyptian A distinct improvement on the older forms of Egyptian beet, with a larger and more globular root. It is extremely early, and is smoother and of better color and quality than the original sort. Produces a most desirable beet of presentable size and shape, very early, making it a favorite with the market gardeners. **PRICE:** Large packet, 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50; postpaid.

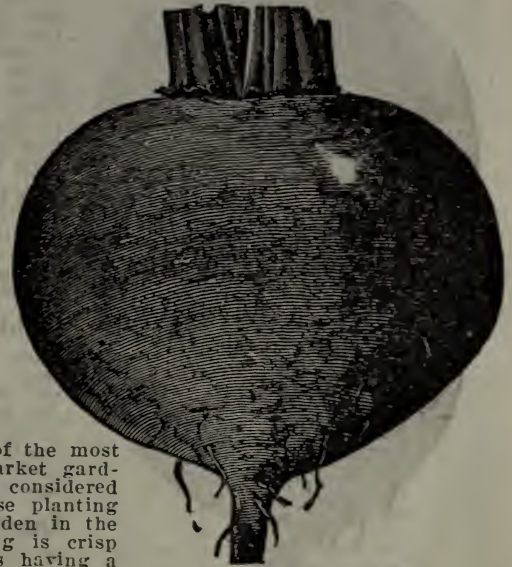
Dark Red Egyptian The Egyptian beet is one of the most popular varieties among market gardeners for forcing purposes. Justly or unjustly it is considered to be the earliest of all. It will certainly bear close planting in the valuable space under glass or in a warm garden in the early spring. It is turnip shaped, and when young is crisp and tender. In color it is dark red. To gardeners having a preference for Egyptian, we offer the best strain. **PRICE:** Large packet, 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50; postpaid.

Early Eclipse Beet Is one of the best known of table beets and we have a strain of extra purity and merit, particularly noted for earliness. It is indeed high praise to say that our Eclipse Beet is almost or quite as early as the Egyptian, for the latter has long been accepted as the earliest of all; and Eclipse has ever been recognized as superior to Egyptian in table value. Our strain has small top and is smooth, fine grained and tender, with bright red color. Many market gardeners have discarded Egyptian entirely in favor of Eclipse. **PRICE:** Large packet, 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50; postpaid.

Extra Early Dark Beauty One of the earliest ever grown. Beautiful oval shape, and the color is a rich dark red. Flesh is fine grain and cooks tender; rich and sweet. Its flavor is superb, free from side roots and smooth and is very beautiful in market. **PRICE:** Large packet, 5c; oz., 20c; ¼ lb., 60c; lb., \$1.75; postpaid.

Detroit Dark Red This splendid second early variety is highly recommended for market and private gardens. Roots are globular, very smooth with short tops; skin blood red, flesh dark blood red, sweet, tender and delicious. The tops are small and upright in growth. Especially fine for market bunching. **PRICE:** Large packet, 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50; postpaid.

Crimson Globe A grand second early and main crop variety. This variety has become remarkably popular among gardeners in all sections of the country and needs no recommendation to those who have grown it. It is of medium size, generally



Early Blood Turnip

about 3 inches in diameter, very handsome in shape, a little deeper than round, with a smooth, even surface. The leaves are rich crimson in color, borne on slender stems, which grow quite compactly, and are thus easily removed. The flesh is deep crimson, ringed and zoned in varying shades. It is exquisitely tender, and delicious in flavor. Though it grows quickly enough for very early use, it will remain tender for a long period. **PRICE:** Large packet, 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50; postpaid.

Half Long Blood Excellent second early sort and good keeper. Roots deep red, half long and smooth; distinctly zoned. **PRICE:** Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50; postpaid.

Long Smooth Blood A standard, long, late variety; roots 14 inches long, smooth, rather slender; flesh deep purplish red; good quality and excellent keeper. **PRICE:** Pkt. 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50; postpaid.

Electric Extra early, round, dark red roots; flesh crimson and slightly zoned; tops very small. **PRICE:** Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50; postpaid.

Swiss Chard (for Greens) Better than Silver Ribbed. A variety of beet grown exclusively for its large, juicy, tender, light colored leaves and stalks, which are much superior to those of other beets for use as greens. Later in the season the broad, wax-like leaf stems are cooked or pickled. This variety is worthy of a place in every garden. Known also as the Silver or Spinach Beet. **PRICE:** Large packet, 5c; oz., 20c; ¼ lb., 50c; lb., \$1.75; postpaid.

Mangel Wurzel Beets

FOR STOCK FEEDING

A Money Making and Money Saving Crop

Mangels are the most important of all root crops 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. No crop pays better for the stockman to grow than Mangel Wurzel Beets. 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 conditions of the animals to which they are fed, the increased yield of milk in cows, and the great saving of hay. When the fact is considered that 50 tons of Mangels can be grown on a single acre at a small expense, the wonder is that every farmer does not grow them. The owner of even one or two cows should grow a sufficient quantity to provide fresh food in winter, when green food is not obtainable. They are as important to the dairy and stockmen of this country as corn is to the hog grower. If you have never grown them, give them a trial this season; you will find them a profitable crop.

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 thin to 8 to 12 inches apart. If you prefer large Mangels, thin to 12 inches apart; if medium size wanted, 8 inches apart. Cultivate same as Sugar Beets. Sow 6 to 12 pounds to the acre according to the width of rows.

Golden Tankard Mangel A special feature is the rich, deep yellow color of the flesh, differing in this respect from other Mangels, surpassing them in milk producing qualities. All kinds of stock thrive on this variety. 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 enormous bulk on good land, and can be grown closely in rows. **PRICE:** oz., 10c; ¼ lb., 30c; lb., 90c; 3 lbs., \$2.50; postpaid.

Improved Mammoth Long Red This is the best long red mangel. It is enormously productive, yielding from 50 to 60 tons per acre and a single root often weighs 25 to 35 pounds or more. They are of good and massive shape, of very fine texture and good quality, and though growing to an immense size, are not coarse. Dark foliage, with skin bright red, flesh white, veined with rose pink. Roots, though solid, are easily harvested, as they grow well above the ground. Our strain of this variety is the best on the market. **PRICE:** Oz., 10c; ¼ lb., 30c; lb., 90c; 3 lbs., \$2.50; postpaid.

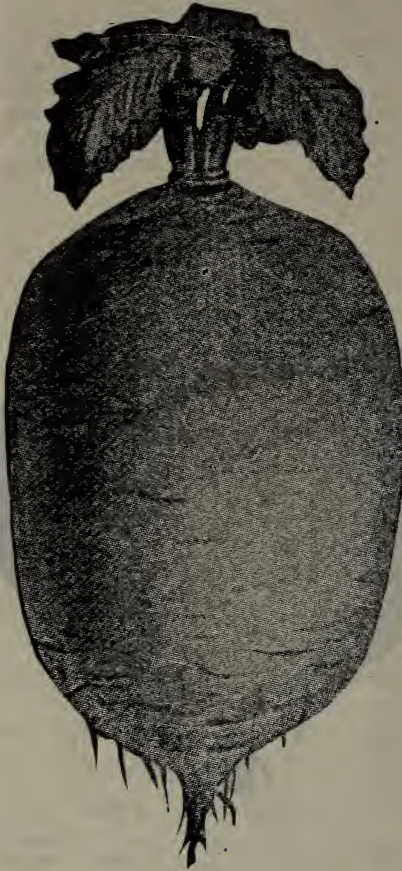
Sugar Beets for Sugar Making

Klein-Wanzleben

Also called Diamond Sugar Beet. This variety is cultivated on a larger scale for the best sugar factories than any other, as it usually yields 15 to 20 per cent of sugar. Root is of straight shape, tapering evenly, and somewhat screw shape. Our seed is grown from beets which were tested as to per cent of sugar before setting out. The heavy per cent of sugar makes it also of great value for feeding. **PRICE:** Oz., 10c; ¼ lb., 30c; lb., 90c; 3 lbs., \$2.50; postpaid.

Imperial White French Undoubtedly the most highly developed variety for sugar making. Roots of medium size, white skin with a tinge of gray, half long and very uniform in size and shape. Flesh white and very rich in sugar. **PRICE:** Oz., 10c; ¼ lb., 30c; lb., 90c; 3 lbs., \$2.50; postpaid.

Vilmorin-Elite This beet is the result of thirty-five years of methodical and persevering selection. In black soils, rich in organic matter, it gives results equal to any other variety. Its average yield may be stated as from 12 to 16 tons an acre. **Oz.** 10c; ¼ lb., 30c; lb., 90c; 3 lbs., \$2.50; postpaid.



Golden Tankard Mangel

Crimson Tankard In appearance it closely resembles the favorite Golden Tankard. It is adapted to all soils, is easily lifted from the ground and is a very productive sort. **PRICE:** Oz., 10c; ¼ lb., 30c; lb., 90c; 3 lbs., \$2.50; postpaid.

Sugar Beets for Stock Feeding

Giant Half Sugar Mangel This is a hybrid or cross between the Mammoth Long Red Mangel and Sugar Beet, and for our own feeding we have found it superior to either. Being sweeter, both hogs and cattle relish them. **PRICE:** Oz., 10c; ¼ lb., 25c; lb., 75c; 3 lbs., \$2.10; postpaid.

Giant Sugar or Half Sugar Rose Very similar to Giant Hal Sparl except in color. The skin is bright rose above ground and white below. Flesh white, sometimes tinged with rose. Roots grow half out of ground, and easily harvested. **PRICE:** Oz., 10c; ¼ lb., 25c; lb., 75c; 3 lbs., \$2.10; postpaid.

Giant Sludstrup A long, reddish-yellow, ovoid root, growing more than half above ground; easily harvested, and by actual test far excels any other variety in weight and feeding value. **PRICE:** Oz., 10c; ¼ lb., 30c; lb., 90c; 3 lbs., \$2.50; postpaid.

Garden Carrots

One ounce to every 100 feet of drill

CULTURE: For the best results the soil should be well worked to a good depth. For early use sow seed in rows 15 inches apart as early in the spring as the soil can be worked, sowing about 4 pounds of seed per acre, and cover the same with one-half inch of soil; but for the main crop sow about corn planting time, using 3 lbs. of seed per acre, and the seed should be covered with nearly an inch of soil. One ounce of seed will sow 100 feet of drill. Make the rows two feet apart to allow for horse cultivation. Keep free from weeds and cultivate occasionally until the roots are large enough for table use, and if grown for commercial purposes they may be cultivated with profit throughout the season.

When the plants are 3 inches high, thin to 3 inches apart in row.

The Chantenay This variety is a very productive one. It has an extra large shoulder, is easily dug, and is desirable in all respects. It is a stump rooted sort, very smooth, fine in texture and of a beautiful rich, orange color. For table use it is considered by many to be the best of all, both on account of shape and quality. The flesh, when cooked, is very tender. **PRICE:** Large packet, 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50; postpaid.

Danver's Half Long A popular standard variety of rich, dark orange color Oxheart and Long Orange, wonderfully productive. Under special cultivation it has yielded 20 to 25 tons per acre. One of the finest varieties in cultivation. **PRICE:** Large packet, 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00; postpaid.

Golden Beauty This is a half long stump rooted carrot, of a deeper color than Danver's; is a heavy cropper and suitable for both table and stock. This carrot grows a smooth, handsome, uniform root; free from core, sweet and tender, never becomes stringy. On account of the immense yielding qualities, this carrot is desirable for market gardeners or any private garden and with ordinary care it will yield from 30 to 40 tons per acre. We advise our customers to plant liberally of it. **PRICE:** Large packet, 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00; postpaid.

Ox Heart or Guerande We do not hesitate to call this the most valuable variety in existence. Tops small for the size of the roots, which are comparatively short, but often reach a diameter of five inches, terminating abruptly in a small tap root. Flesh bright orange, fine grained and sweet. This variety is specially desirable for soil so hard and stiff that longer rooted sorts would not thrive in it. When young the roots are excellent for table use and when mature are equally good for feeding stock. **PRICE:** Large packet, 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50; postpaid.

Improved Long Orange (Pointed Root) The standard late variety. Very handsome and uniform in shape; deep orange color; good flavor; yields very heavily. Requires a deep soil; plants should stand 8 inches apart in 18-inch drills for roots to attain their full size. **PRICE:** Large packet, 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50; postpaid.

Early Scarlet Horn The favorite extra early variety. Very early; color orange-scarlet; fine grained and agreeable flavor. Tops small; has a short, stump-shaped root; grows well in shallow soil. The best early variety for table use. **PRICE:** Large packet, 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50; postpaid.

Stock Carrots

Every farmer should plant a few acres of carrots for stock food; they are very productive, less liable to disease than many other root crops, and being sown earlier, do not interfere so much with the labor in the busy time.



Chantenay Carrots

The Mastodon Carrot is the heaviest cropping carrot grown, yielding more tons to the acre than any other sort. The flesh is white, crisp, and solid and very sweet in flavor. It is a vast improvement on the white and green Belgian sorts which have been favorites in the past, as it is not only much more productive, but vastly easier to handle. The roots are very heavy at the shoulder, rendering them easily harvested. An important feature, also, is that they do not break in pulling or sorting. Too much can scarcely be said of their size and great productivity. The roots frequently measure 15 to 20 inches in circumference, and 20 to 40 tons to the acre is not an extravagant statement as to yield. It is not a carrot for the market gardener, but is emphatically the carrot for the farmer, and once used, nothing will take its place. Plant same as Mangel Wurzel beets, but may be planted two to four weeks earlier, or even as late. Requires but 2 pounds seed per acre. **PRICE:** Large packet, 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00; postpaid.

Improved White Belgian Carrot

Exclusively a Stock Feeding Carrot

Everywhere comes the cry "Greater production at less cost," to the agriculturist who is sincerely striving to his utmost to eliminate waste and extravagance, to introduce efficiency and economy, we commend Improved White Belgians. This is the universal stock carrot of Belgium, noted for its industrious, frugal, thrifty farmers. In that country in peaceful times it would be difficult to find a farm without a crop of White Belgian Carrots. The popularity of this great carrot is due to its many qualities of merit. Dairymen particularly prize it for its great amount of saccharine; the flavor imparted to the milk; the avidity with which cows devour it; its immense yields; its ease of cultivation; its easy harvesting and remarkable keeping quality. This carrot is generally conceded the superb length for general cultivation. It has a thick crown, with very little core, finely grained, creamy white flesh, attractive appearance, comparatively free from side root and very sweet and tender.

PRICE: Large packet, 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50; postpaid.

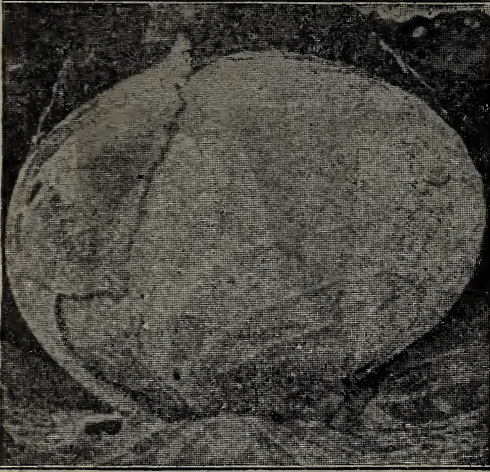
American Grown Cabbage Seed

EXTRA EARLY SORTS

HIGHEST QUALITY. We pride ourselves on having the best, purest and highest grade Cabbage Seed offered or at least surpassed by none. Sow 1 oz. for 3,000 plants; 4 oz. for one acre.

CULTURE: To grow cabbage successfully, first secure good seed, as the quality of the seed used is of the greatest importance. 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 hotbeds, the latter part of January or first of February. For second early, sow in hotbeds in March and April. For late cabbage, sow out of doors the latter part of April or first of May. It is important that plants be set down to the first leaf, so that the stem may not be injured in case of frost. Be careful not to cover the heart of plant. As they advance in growth, draw a little earth to the plants until they begin to head.



Early All Head Cabbage

BEST LATE CABBAGE

Ideal Cabbage You are no doubt looking for the BEST Late Cabbage there is grown. If so, don't look any further. We regard Ideal as the BEST or at least one of the best in existence. Its shape and general aspect are correctly illustrated above. It is a sure heading variety and can be depended upon to head 999 good, solid heads out of every 1,000 plants that have been well started, averaging 16 to 20 pounds. It is unequalled for cooking or slicing and is an exceptionally fine winter keeper. We can fully recommend this Ideal cabbage to our customers everywhere and earnestly hope every cabbage grower will give it a trial. All our cabbage seeds were saved from the most choice selected heads and cannot be beat or equalled in excellency anywhere, at any price. **PRICE:** Large packet, 10c; oz., 50c; ¼ lb., \$1.50; postpaid.

Autumn King Our Autumn King is a distinct variety and produces enormous, large, solid heads. The outside leaves are small and close up neatly to the cabbage head; thus can be planted closer together than ordinary sorts, which enables them to produce a greater weight to a given amount of land than other varieties—are a splendid keeper. **PRICE:** Large packet, 10c; oz., 30c; ¼ lb., \$1.00; postpaid.

Flat Dutch Our strain of the Premium Flat Dutch cabbage cannot be excelled anywhere. Heads average 16 to 20 pounds, measuring 12 to 16 inches in diameter. Specially grown heads often weigh 50 pounds. Without exception one of the best Winter keepers. **PRICE:** Large packet, 10c; oz., 30c; ¼ lb., \$1.00; postpaid.

Mammoth Red Rock The best variety of late red cabbage. It's sure heading, large size, solid as a rock and will please all who want the best red cabbage. **PRICE:** Large packet, 10c; oz., 30c; ¼ lb., \$1.00; postpaid.

Extra Early Jersey Wakefield Undoubtedly the very finest strain of this well-known popular variety in cultivation. The heads are extremely solid, pyramidal in shape and with very little outside foliage. We grow this strain specially for the most **CRITICAL TRUCK GROWERS AND PLANTERS.** It is a little higher in price than the regular strain, but is well worth every cent of the difference. **PRICE:** Large packet, 10c; oz., 30c; ¼ lb., \$1.00; postpaid.

Early Flat Dutch This very desirable cabbage comes just at a time when there is an excellent demand for the flat head varieties and maturing at a time when the market usually pays the highest prices. Heads are solid and good quality. It is a very reliable cropper and can be depended on. Our strain of this is the very best quality and carefully selected. **PRICE:** Large packet, 10c; oz., 30c; ¼ lb., \$1.00; postpaid.

All Seasons This is generally grown on Long Island for the market. Heads are very large, round, often nearly spherical, as well as the winter sorts. Plants vigorous and sure heading; leaves large, smooth, with dense bloom. Remarkable for its ability to stand hot sun and dry weather. Our trial has shown that heads which were fit for market by July 10, were sound and saleable September 10, the only change being increased size and density. One of the very best sorts for general cultivation. **PRICE:** Large packet, 10c; oz., 30c; ¼ lb., \$1.00; postpaid.

Early All Head The earliest of all early large cabbage, and considerably larger than any other early summer variety that is equally as early. The deep, flat heads are remarkably solid and uniform in color, form and size. The hard heads grow so free from spreading leaves that fully 1,000 more heads than usual with large cabbage can be obtained to the acre. It is really an all year around cabbage, being equally good for winter. **PRICE:** Large packet, 10c; oz., 30c; ¼ lb., \$1.00; postpaid.

Early Winnigstadt Very early. The leaves are dark green and very tightly folded, making it the hardest of any early cabbage. This variety seems to suffer less from the cabbage worm than most other sorts. Heads are regular, conical, and keep well, both summer and winter. Our seed has been especially selected. **PRICE:** Large packet, 10c; oz., 30c; ¼ lb., \$1.00; postpaid.

Early Copenhagen Market A new early variety, very popular with market gardeners. It is the finest large, round-headed, early cabbage in cultivation. It is further desirable on account of the remarkable characteristic of maturing the heads all at the same time, enabling the grower to gather his crop with less expense and permitting the cleaning of the land at the first cutting. The heads average about ten pounds each in weight, are hard and solid with small core. The quality is extra fine and sweet. It matures as early as the Wakefields and will yield more to the acre in weight. The leaves are light green, small saucer-shaped, and tightly folded, making it possible to set them close together in the field. **PRICE:** Large packet, 10c; oz., 50c; ¼ lb., \$1.50; postpaid.

Large Drumhead A favorite winter variety. Heads are solid and of good texture and have very few loose leaves, allowing of planting closely in the field. **PRICE:** Large packet, 10c; oz., 50c; ¼ lb., \$1.50; postpaid.

Celery

ONE OUNCE WILL PRODUCE ABOUT 6,000 PLANTS

This we consider one of the luxuries of the garden. For first crop sow the seed early in hotbeds, or in boxes in the house, in rich, moist, soil, covering the seeds very lightly. For main crop sow seed in open ground in April or as soon as the soil is in good condition. Seed germinates slowly and if weather is hot and dry protect with a light covering of hay or straw. Stir soil as soon as plants are well up; thin out and transplant so that they stand about an inch apart in the row. If they grow too rapidly shear the tops off when about four or five inches high and this will make them more stocky. For main crop set plants out between June 15 and July 15 in rows 3 feet apart and the plants 6 inches apart in the row. Care should be exercised to firm the earth well around plants when setting and they will root better. Keep clear of weeds until about the middle of August, when it will be time to begin earthing up. Draw up the soil against plants as closely as possible, firming it enough to keep plants in an upright position. Late in the season the bleaching process must be finished by digging the soil from between the rows and banking it clear to the tops on each side of the row of celery. Much labor is saved by growing the self-bleaching varieties, but they do not keep as well for winter use, and for the following reason: Some years ago we procured from a celery grower in France some seed of the Golden Self-Blanching variety. That year there happened to be a good deal of trouble in many parts of the country with California grown seed of the Golden Self-Blanching celery; it did not blanch as well as usual, nor was the seed as pure. Our customers, of course, noted the difference in the quality between the French stock and the California stock, and have since insisted on having our French grown seed, no matter what the difference in price. In fact, we have on several occasions, when the French stock of seed was very scarce and high in price, sold it readily at from \$15.00 to \$25.00 a pound, when we were only asking \$3.00 a pound for the best California seed.

Golden Self Blanching This is without doubt the most popular celery grown. It is a **SELF-BLANCHING** sort with little banking or covering. The outer ribs assume a beautiful golden yellow color, while the "heart" or vine stalks are deliciously tender, brittle and sweet. **PRICE: Large packet, 10c; oz., 60c; ¼ lb., \$2.00; postpaid.**

Giant Pascal Solid, crisp stalks of incomparable flavor. Strong growth, producing perfectly blanched stalks when hilled up properly. Of rich, nutty flavor. Blanching easily and is very brittle. A fine keeper, an excellent shipper, retaining color and fresh appearance a long time. A favorite with southern growers. For mid-winter and early spring use it is excellent. **PRICE: Large packet, 5c; oz., 30c; ¼ lb., 90c; postpaid.**

White Plume Stalks, inner leaves and heart white and fit for use by simply tying up closely with soft twine. More used than any other variety by market gardeners. Our seed is of the highest quality and sure to please all. **PRICE: Large packet, 5c; oz., 30c; ¼ lb., \$1.00; postpaid.**

Celeriac **Large Smooth Prague.** An improved form of turnip-rooted celery excellent for soups and stews. Produces roots of nearly globular shape and comparatively smooth surface. **PRICE: Large packet, 10c; oz., 40c; ¼ lb., \$1.25; postpaid.**

Corn Salads **Broad Leaved, Large Seeded.** A delicious salad used during the winter and spring as a substitute for lettuce, and also cooked and used like spinach. It will mature in six weeks. Sow in early spring in drills a foot apart, or for winter use sow in September and winter over like spinach. **PRICE: Large packet, 5c; oz., 15c; ¼ lb., 35c; postpaid.**

One ounce will sow 18 sq. ft. and 6 lbs. will sow an acre.

Cress All the types described below are grown for the refreshing piquancy of the leaves, being used as an appetizing salad or for garnishing various dishes. One ounce will sow 200-foot row.

Early Curled Well-known salad. Sow at intervals all season. **PRICE: Large packet, 5c; oz., 15c; ¼ lb., 35c; postpaid.**

True Water Sow seed along the border of running water. **PRICE: Large packet, 10c; oz., 50c; ¼ lb., \$1.90; postpaid.**

Upland Cress A perennial variety; hardy, produces well; same flavor as Water Cress. Grown on high, dry land; does not run to seed rapidly. **PRICE: Large packet, 10c; oz., 50c; ¼ lb., \$1.90; postpaid.**



Golden Self-Blanching Celery

Broccoli (One ounce will produce about 3,000 plants.) Growth and habit like cauliflower, except that it is more hardy, and the heads are not as compact. Not desirable for warm or dry countries, but of special value in the north. Cultivate and use the same as cauliflower. **PRICE: Large packet, 10c; oz., 50c; ¼ lb., \$1.60; postpaid.**

Chicory Root used when dried as a substitute for coffee; the sprouts when forced in the dark are used for salads. **CULTURE: Sow in spring, in drills 18 inches apart, one-half inch deep.**

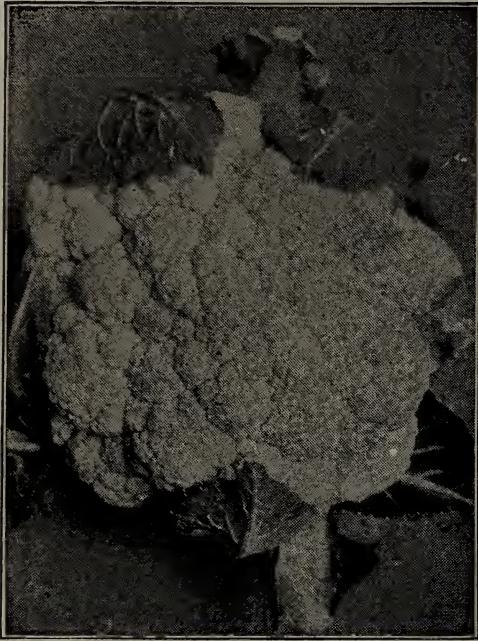
Witloof Chicory or French Endive

The famous winter salad so popular in first-class restaurants. Forms leaves like Cos lettuce and can be eaten raw as salad or boiled. Being available in winter will make a profitable crop. Cultural directions on each package. **PRICE: Large packet, 10c; oz., 40c; ¼ lb., \$1.50; postpaid.**

Chervil Curled. Treat like parsley. A valuable flavoring herb. **PRICE: Large packet, 10c; oz., 30c; ¼ lb., \$1.00; postpaid.**

Collards (One ounce will produce about 3,000 plants.) Collards are largely used as "greens" in some parts of the country, especially south. They are a form of loose-headed cabbage.

Georgia The most satisfactory for general use. **PRICE: Large packet, 5c; oz., 15c; ¼ lb., 35c; postpaid.**



Snowball Cauliflower

Cucumbers

(One ounce will plant 50 hills, two pounds will plant one acre.)

Cucumbers succeed best in a rich, loamy soil. For first early, sow in hotbeds, in berry boxes or in small flower pots, six weeks before they can be set out in open ground. When danger of frost is over transplant in hills four feet apart each way. For general crop plant in open ground in May, about twelve seeds in a hill. When danger of bugs is past thin to four strong plants in a hill. For pickling, plant in June. Sprinkle vines with air-slacked lime, or use Slug Shot, to protect them from bugs.

Perfect White Spine This improved strain is pronounced by good judges superior to all others. Fruit even and good size, straight, well formed and symmetrical. It is of uniform shape, making it unexcelled for pickling. Immensely productive and keeps a long time. See illustration. **PRICE:** Large packet, 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50; postpaid.

Early Express Extra Early The most remarkable and valuable new variety which originated with Mr. C. P. Coy. It is by all odds the earliest variety in existence. Quality is the very best, being free from any rank, strong flavor, and it is a fine variety for slicing as any later sort. **PRICE:** Large packet, 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50; postpaid.

Improved Chicago Pickle Illustrated in lower right hand corner. A variety which originated with a leading pickle grower near Chicago; is considered



Improved Long Green

Cauliflower

(One ounce will produce about 3,000 plants.) One of the most delicious of vegetables. Cabbage and cauliflower requirements are quite similar, except that the latter needs a cool and moist atmosphere and should be watered in dry weather. As the flower heads, the large leaves should be broken down over them to shield them from sun and rain.

Danish Dry Weather A strong competitor for first place. Heads extra large, pure white and very solid. Has large leaves which protect the head. About 10 days later than Snowball, but has proven more desirable for growing in open ground and does well in dry seasons when other varieties show failure, keeping plump and fresh during the hottest, driest weather.

PRICE: Large packet, 20c; ¼ oz., 75c; oz., \$2.50; postpaid.

Early Snowball Considered the earliest and more certain to make a head than any other sort. Its dwarf habit, and short outer leaves allow it to be planted as close as 18 to 20 inches apart each way, thus making it especially valuable to market gardeners. Our stock is extra choice, and cannot be excelled. We believe it to be the best in the world.

PRICE: Large packet, 25c; ¼ oz., 90c; oz., \$3.00; postpaid.

Extra Early Dwarf Erfurt Is valuable for forcing. A very popular variety. First quality.

PRICE: Large packet, 15c; ¼ oz., 60c; oz., \$2.25; postpaid.

Early Paris Well-known small sort which is usually quite satisfactory.

PRICE: Large packet, 10c; ¼ oz., 50c; oz., \$1.75; postpaid.



White Spine Cucumbers

the best variety there; very prolific; matures early, produces immense numbers of fine shaped pickles. **PRICE:** Large packet, 5c; oz., 15c; ¼ lb., \$1.50; postpaid.

Early Cluster Slim form. Extra prolific, frequently setting in clusters of two and three. Fine for small pickles. If fruit is kept gathered, the vines will continue in bearing. **PRICE:** Large packet, 5c; oz., 15c; ¼ lb., lb., 50c; lb., \$1.50; postpaid.

Davis Perfect By using this variety gardeners can produce out-of-door varieties that will sell in the market for hot-house forcing varieties. The shape is ideal. It is almost seedless one-third of its length from the stem, and the few seeds are hardly noticeable. **PRICE:** Large packet, 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50; postpaid.

Improved Long Green Fruits average ten to twelve inches in length. Skin a deep rich green. Flesh solid, crisp and of excellent quality. This is an extra selected strain of the original type and can be depended upon to produce the true long dark green fruits, excellent alike for slicing or pickling. **PRICE:** Large packet, 5c; oz., 20c; ¼ lb., 55c; lb., \$1.50; postpaid.

Sweet or Sugar Corn

Golden Bantam is more firmly fixed in popular favor because of its extreme early character, vigorous growth and surpassing delicious flavor. The stalks are dwarf and sturdy in habit, growing to a height of four feet. They bear three to five good ears six to seven inches in length, have eight rows of broad, yellow grains, extending to the extreme tip. Market gardeners find **GOLDEN BANTAM** their most profitable variety throughout the season (from successive plantings). It is as distinct in flavor from that of white varieties as in color—being almost literally "sweet as honey." The skin is so exceptionally tender that it does not need scoring or cutting across the grain. **PRICE:** Large packet, 5c; $\frac{1}{4}$ lb., 15c; lb., 40c; 3 lbs., \$1.00; postpaid.



Golden Bantam



Peep o' Day—The Earliest Sweet Corn

Peep o' Day Originating in the far north this variety is therefore extremely early in maturing. Besides this important feature it is a "Sweet Corn" in the true sense of the word, being remarkably sweet and tender. The stalks grow about four and one-half feet high, and are usually very prolific, producing from two to five ears each, which measure six to seven inches in length and are well filled. **PRICE:** Large packet, 5c; $\frac{1}{4}$ lb., 15c; lb., 40c; 3 lbs., \$1.00; postpaid.

Country Gentleman This variety is often called the "shoe peg" corn, owing to the arrangement of the crowded kernels which are long and very sweet. The ears average eight inches in length and are borne from two to five and sometimes six on each stalk. Of the finest quality. If you try this variety you will like it. **PRICE:** Large packet, 5c; $\frac{1}{4}$ lb., 15c; lb., 40c; 3 lbs., \$1.00; postpaid.

Early Minnesota A standard early variety that has held a high place in the list of sweet corns ever since its introduction. The ears are of good size, well flavored and of the best cooking qualities. Valuable for either private or market use. **PRICE:** Large packet, 5c; $\frac{1}{4}$ lb., 15c; lb., 40c; 3 lbs., \$1.00; postpaid.

Stowell's Evergreen This produces the largest ear of any sweet corn. A general favorite with canners. Ears are large size; exceptionally tender. **PRICE:** Large packet, 5c; $\frac{1}{4}$ lb., 15c; lb., 40c; 3 lbs., \$1.00; postpaid.

Crosby's Early For medium early use and general crop this is one of the most desirable varieties. Ears of medium size and the cooking qualities are excellent. A good cropper and profitable for family use and as a market sort. **PRICE:** Large packet, 5c; $\frac{1}{4}$ lb., 15c; lb., 40c; 3 lbs., \$1.00; postpaid.

Extra Early Cory (White Cob)—(No. 3). This was for years the most popular variety with market gardeners for first early until the introduction of Peep o' Day. Dwarf growth and yields well; ears medium fine. **PRICE:** Large packet, 5c; $\frac{1}{4}$ lb., 15c; lb., 40c; 3 lbs., \$1.00; postpaid.

Mammoth White Cory The largest and best extra early sweet corn. The stalks are no longer than those of the "White Cob Cory," but each stalk furnishes two or more large, fine shaped ears. An early sort. The beauty and quality of this variety give it ready sale, even when the market is overstocked. **PRICE:** Large packet, 5c; $\frac{1}{4}$ lb., 15c; lb., 40c; 3 lbs., \$1.00; postpaid.

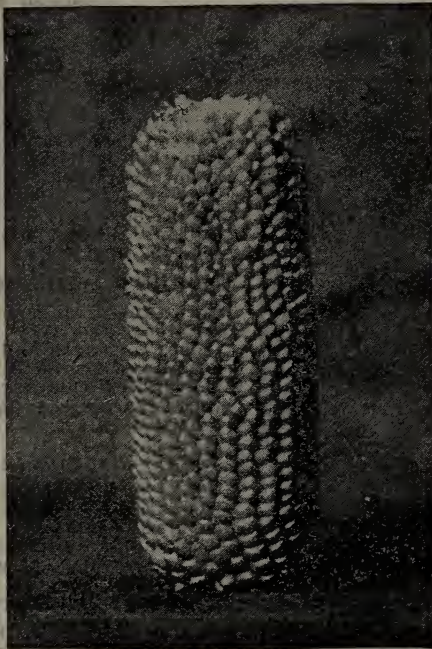
Write for quantity prices.
We furnish many canners.

Popcorn for Seed

It pays to raise Pop Corn as a general crop. Few farmers realize the enormous profit that can be made from a few acres of Pop Corn.

Pop Corn yields well, even in unfavorable seasons, and the demand usually exceeds the supply, which results in a ready market at all times. It is as easily grown as field corn, and generally produces from three to four times the value in money per acre, for the crop. Pop Corn may be planted quite late in the season, which is another advantage. Plant at the rate of five quarts per acre, in drills, three feet apart, dropping the seed one and one-half feet apart, in rows. Or plant in hills, using two to three quarts of

Write us for prices on large amounts. seed per acre.



Australian Hulless

Australian Hulless Also known as Japanese Rice, Baby Rice, and Tom Thumb. The Australian Hulless is a dwarf growing corn, a heavy yielder of attractive ears, peculiar in form, sometimes nearly as thick as long. The kernels are similar to the best strain of White Rice, but much smaller. Its chief merit lies in its popping quality, fine flavor, and absence of hull or shell. It is most tender and of delicious flavor when popped, almost melting in the mouth, due to absence of hull, shell or hard particles. It is grown extensively for market. Try at least a small amount. **PRICE:** Large packet, 5c; ¼ lb., 15c; 1 lb., 40c; 3 lbs., \$1.00; postpaid.

Mapledale Prolific

Monarch White Rice This is our own strain of large Rice Pop Corn, and has been bred up to a wonderful productiveness. We consider it the best White variety grown. It bears three to six ears per stock, and yields 1,800 to 2,500 pounds per acre. The grain is large, and expands to a great size when popped. If you want to grow Pop Corn for market, we urge you to plant Monarch White Rice, as it will yield better and give you far greater returns than any other kind. **PRICE:** Large packet, 5c; ¼ lb., 15c; 1 lb., 35c; 3 lbs., 90c; postpaid.

Mapledale Prolific The most prolific Pop Corn grown. The stock is of a vigorous growth, reaching a height of six feet or more. The ears are large in size, often eight to ten inches long, well filled with bright, handsome grains, nearly white in color. It is an excellent popper, popping out pure white, and of fine quality, sweet and tender. **Price:** Large packet, 5c; ¼ lb., 15c; 1 lb., 35c; 3 lbs., 90c; postpaid.

Monarch White Rice

Improved Egg Plant

New York Spineless Our superior stock of this popular variety produces a large crop of shapely purple fruits of liberal size and perfect quality. The plant is of low growth with a vigorous branching habit, strong enough to support its massive fruits, and compact enough to economize space. It is very prolific, the fruits are of a pleasing purple color, and the quality superb. **PRICE:** Large packet, 10c; oz., 60c; ¼ lb., \$2.00; postpaid.

Black Beauty The earliest and best of all large fruited egg plants. The large fruits are thick, of most attractive form. The skin is a rich, luscious, purplish black. The fruits set freely and develop quickly so that the entire crop can be gathered before there is any danger of frost. **PRICE:** Large packet, 10c; oz., 60c; ¼ lb., \$2.00; postpaid.

Early Long Purple The earliest variety in existence. **PRICE:** Large packet, 10c; oz., 50c; ¼ lb., \$1.90; postpaid.

Ground Cherry This little fruit grows well on any dry soil, is easier raised than the tomato, are prolific bearers, and luscious fruit. For sauce or pies they are excellent; delicious as preserves and when dried in sugar are better than raisins for cakes and puddings. No one, after raising them once, will ever make a garden again without devoting a portion to the Ground Cherry. **PRICE:** Large packet, 10c; oz., 40c; ¼ lb., \$1.00; postpaid.

Mustard Used as a condiment and the green leaves are used as a salad or boiled like spinach.

SOUTHERN GIANT—In great demand on account of its large, crimped, frilled, bushy and prolific leaves. **PRICE:** Large packet, 5c; oz., 15c; ¼ lb., 40c; lb., \$1.35; postpaid.

NEW CHINESE—A new variety with numerous tremendously large, broad leaves of good substance and of most appetizing pungency; they are of light green color and have large white ribs. **PRICE:** Large packet, 5c; oz., 15c; ¼ lb., 35c; lb., \$1.25; postpaid.

Chufas Its flavor resembles the cocoanut. Very prolific. A nice little ground nut greatly liked by children, single one yielding 200 to 400 nuts growing out just under the ground. Grow best in light, sandy soil, well fertilized. Plant in April, 10 inches apart, in 2½-foot rows. Cover lightly. Soak seed before planting if very dry. **PRICE:** Large packet, 5c; oz., 15c; ¼ lb., 35c; postpaid.

Garlic FRENCH, Ail—The Garlic is the most pungent in taste and has the strongest odor of all the onion family. It is largely used in the south of Europe, where it is esteemed for flavoring soups, stews, etc. The root or bulb is composed of many small bulbs, called "cloves," which are planted in the spring. We frequently receive orders for Garlic seed, but can supply the bulbs only. **PRICE:** ¼ lb., 25c; ½ lb., 40c; lb., 60c; postpaid.

Leek

Leek is closely allied to the Onion. The entire lower portion of the plant is used, which is smooth and solid and is very generally used as a vegetable and in soup.

Sow early in spring and when 6 inches high transplant into rows 6 inches apart each way and as deep as possible, to perfect the bleaching process. The richer the soil the finer the Leek. One ounce to 100 feet of drill.

LARGE AMERICAN FLAG LEEK—A favorite variety. **PRICE:** Large packet, 5c; oz., 20c; ¼ lb., 65c; postpaid.

MUSSELBURG OR SCOTCH CHAMPION—Grows to a large size. **PRICE:** Large packet, 5c; oz., 20c; ¼ lb., 65c; postpaid.

Read This Page Carefully. Items Offered Here Are Appreciated on Trial



New York Spineless Egg Plant

Endive

(One ounce will sow about 60 sq. ft.)

Preferred to lettuce by those who have tried it and should be more largely used. One of the best and most wholesome salads for fall and winter use. Sow seeds in April for early use or in June or July for winter use. When leaves are 8 inches long tie together with a string near top to blanch.

Green Curled Has finely cut leaves and makes a handsome plant. **PRICE:** Large packet, 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00; postpaid.

Giant Fringed Also called winter lettuce. This fine new variety is the best of all. It is a strong, vigorous grower, making a large, white heart, and the leaves are beautifully curled and of best quality. **PRICE:** Large packet, 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00; postpaid.

Gourds Cultivate like cucumbers; may be trained over lattice work, fences, etc. **JAPANESE NEST EGG**—Grows uniformly about the size, color and shape of a hen's egg. The shells are hard and make the very best of nest eggs, as they do not crack. The largest ones, when sawed in two, make excellent pots for starting tomatoes, strawberries and other plants. **PRICE:** Large packet, 10c; oz., 25c; ¼ lb., 90c; postpaid.

DIPPER—Makes a lighter and more convenient dipper than can be bought. Dippers of various sizes of a capacity from a pint to a quart and half can be had from a few vines. **PRICE:** Large packet, 10c; oz., 25c; ¼ lb., 90c; postpaid.

MIXED UTILITY—Seeds mixed. This is very popular with our customers. Many grow them as curiosities, but they are really useful in many ways. They are easily grown and will repay the work expended. **PRICE:** Large packet, 10c; oz., 25c; ¼ lb., 90c; postpaid.

ORIENTAL MIXED—A mixture of odd-shaped and fancy colored sorts. Many handsome, useful and small gourds in this mixture. Also planted among ornamental climbing flowers. **PRICE:** Large packet, 10c; oz., 25c; ¼ lb., 90c; postpaid.

Kohl Rabi One Ounce to 3,000 Plants

A popular vegetable intermediate between the Cabbage and the Turnip. Sow in drills from May to July. It is extremely tender and partakes of the flavor of both Turnip and Cabbage. Should be in every garden.

Early Purple Vienna A bright purple. The leaf and stems are tinged with purple. **PRICE:** Large packet, 10c; oz., 30c; ¼ lb., 80c; lb., \$3.00; postpaid.

Early White Vienna Flesh white and tender; good market sort. **PRICE:** Large packet, 10c; oz., 30c; ¼ lb., 75c; lb., \$2.50; postpaid.

Superior Lettuce Seed

No vegetable is more universally used than lettuce, and to be thoroughly appreciated it must be brought to the table fresh and unwilted. Quality depends upon rapid and vigorous growth. Sow in hotbed in March and in open ground as early as can be worked, thinly in drills about one foot apart. For succession, sow every three weeks during season. Thin out plants as they grow.

(One ounce will sow 100 feet of drill.)



May King Lettuce

May King A very early variety of head lettuce of compact growth. The inner leaves are a bright yellow, the outer ones a light green, sometimes slightly tinged with brown. Its greatest claim to popularity is in quick and rapid growth, making it extremely tender and brittle. PRICE: Large packet, 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25; postpaid.

Relish, or Improved Big Boston We are pleased with this fine new variety. Is one of those rich, buttery-flavored sorts, which, when accustomed to, is preferred to the crisp-leaved varieties. It is the blanched yellow center of the head that is eaten. PRICE: Large packet, 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25; postpaid.

Immensity Enormous solid head variety, sometimes 18 inches in diameter, but still tender, crisp and of excellent quality. A reliable sort. PRICE: Large packet, 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25; postpaid.

Denver Market An early variety of head lettuce either for forcing or open ground. Large, solid heads, light green color and is very slow to go to seed. Leaves beautifully marked and blistered, very crisp and tender. PRICE: Large packet, 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25; postpaid.

Improved Hanson For general use for market and gardeners we are sure that no variety can surpass our "Improved Hanson" Head Lettuce. Deliciously sweet, crisp and tender, and absolutely free from any rank or bitter taste. Resists the summer heat extremely well. It cannot be too highly praised. PRICE: Large packet, 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25; postpaid.

Mixed Lettuce A number of the best kinds in mixture. PRICE: Large packet, 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25; postpaid.

Grand Rapids Lettuce This grand lettuce delights all who grow it. It is equally suited for the market gardener and the private planter. The market gardener will find that this lettuce will command a premium over other sorts on account of its appearance and quality, while for private gardens no other lettuce approaches it for table use. For salads it is unequaled. A forcing variety of superior quality and appearance, strong grower, free from rot, and keeps crisp and tender without wilting when exposed for sale longer than any other forcing lettuce. It is also a desirable variety for sowing in open ground. PRICE: Large packet, 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25; postpaid.

Early Curled Simpson

An improved variety of Curled Simpson, with large, loose head and excellent flavor. PRICE: Large packet, 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25; postpaid.

California Cream Butter

A cabbage lettuce, with round, solid head, outside medium green, slightly marked with small brown spots; within, leaves are very rich cream yellow color, rich and buttery to the taste.

Heads good size, compact, very hard and solid. In California they eat the heart only, with a dressing of olive oil, vinegar, salt and pepper. PRICE: Large packet, 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25; postpaid.

Market Gardener This is one of the very best of the "Butter" head lettuces. It is a favorite with market gardeners on the city markets, and holds the lead in point of popularity. This is equally true in other markets. PRICE: Large packet, 5c; oz., 15c; ¼ lb., 45c; lb., \$1.25; postpaid.

Iceberg Has unusually solid head, is quick growing and always crisp and tender, whether propagated in early spring or in the hot days of summer. PRICE: Large packet, 5c; oz., 15c; ¼ lb., 45c; lb., \$1.25; postpaid.

Salamander An excellent spring, summer and fall variety, forming good sized heads. PRICE: Large packet, 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25; postpaid.

Black Seeded Simpson It is light colored, grows large in size; of fine quality. One of the best for forcing or outdoor planting. PRICE: Large packet, 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25; postpaid.

Early Prize Head One of the finest varieties ever introduced, forming a very large head, but not a solid one; the leaves are slightly tinged with brown, and is remarkable for its crispness and delicacy of flavor; is well adapted for either forcing or outdoor culture. PRICE: Large packet, 5c; oz., 15c; ¼ lb., 45c; lb., \$1.25; postpaid.

Wayahead A very early, medium small, handsome, compact, sure-heading variety; the outer leaves are medium light green, crumpled and blistered; the inner head blanches a rich buttery-yellow; of superior quality. PRICE: Pkt., 5c; oz., 15c.

Muskmelons and Cantaloupes

CULTURE—plant seed in hills 4 to 6 feet apart each way, after danger of frost is over. Use well-rotted manure in the hills. Insert seed just under surface of soil; 1 ounce to 60 hills; 3 pounds to acre. Thin out, leaving only 4 plants to a hill. A light, warm soil is best, but there are varieties adapted to heavy loams, if well drained. In hoeing draw the soil well up to the plants. Fight bugs with tobacco dust, Slug Shot, air-slacked lime, land plaster or Bug Death.

New Honey Dew Muskmelon

A Wonderful New Melon Sold at Fabulous Prices in All Leading Markets. (Green flesh). Honey Dew is a new type of muskmelon, and is the result of crossing the Rocky Ford with a South African melon. They grow uniform in size, about 6 inches in diameter from top to bottom and 7 or 8 inches long. The color is a dull white when ripe, having no netting. The rind, though thin, is very tough and so close that the excellent flesh is practically sealed up where it keeps in fine condition for several weeks after they are ripe. The flesh is a rich green color, very sweet, and possesses a delightful flavor. The vines are more productive than the ordinary kinds and the muskmelons are superior shippers. The seed we are offering was grown from the originator's stock by one of the best melon growers in Rocky Ford, Colorado. We have only a limited supply of this wonderful melon, so advise ordering early.

PRICE: Large packet, 10c; oz., 25c; ¼ lb., 60c; lb., \$2.00; postpaid.

Extra Early Hackensack We offer under this name a very distinct stock, and much superior to that often sold as Extra Early Hackensack. The fruit is medium sized, nearly round, with deep ribs and very coarse netting. The flesh is green, a little coarse, but very juicy and sweet.

PRICE: Large packet, 5c; oz., 15c; ¼ lb., 40c; lb., \$1.35; postpaid.

Emerald Gem One of the most delicious little melons that we have ever eaten. The flesh is thick, of a suffused salmon color, almost red, and ripens thoroughly to the extreme thin rind. It is peculiarly crystalline in appearance, juicy and rich. The flavor is sweet and luscious beyond description, small but very fine for home use.

PRICE: Large packet, 5c; oz., 15c; ¼ lb., 40c; lb., \$1.35; postpaid.

New Grand "The Grand" is 10 to 14 days earlier than the Osage, under the same conditions. It is salmon fleshed, and is of remarkably uniform size; the flavor is very fine. It sets fruit near the roots, has a vigorous vine and resists disease better than most sorts. Fruit average about 6 inches in diameter. Extra choice seeds, saved by the originator especially for us.

PRICE: Large packet, 10c; oz., 25c; ¼ lb., 60c; lb., \$2.00; postpaid.

New Improved Rocky Ford "Gem of Eden" Rustproof. This type is the highest development, both as to netting and rust-resistant qualities, yet attained in the Rocky Ford Cantaloupe. When vines of some varieties are entirely killed by rust and blight within two weeks after the shipping season, the vines of this variety are green and continue to blossom and set fruit until frost. 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. While a few days later than the Early Hackensack, it is more prolific. Desirable where there is an excessive rainfall.

PRICE: Large packet, 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50; postpaid.



Rocky Ford

Thoroughbred Rocky Ford Muskmelon

Sweet and Luscious—World-Famous for Its Captivating Flavor. ROCKY FORD has proven to be a most valuable muskmelon; its size, shape and quality exactly suit the epicure. It somewhat resembles the old Netted Gem, but is more oval in shape. The vines are exceedingly healthy and vigorous, bearing an enormous quantity of fruit during the entire season. It is safe to say that no melon has ever come into the market which has sold so easily and at such high prices as the Rocky Ford, often to the exclusion of other varieties. The color of the skin is of a rich, greenish-gold; the netting is prominent and light in color; appearance very attractive. The flesh is very deep, ripening clear to the rind; very solid, yet thoroughly melting, and it has an exceedingly small seed cavity. **IT IS VERY SWEET AND LUSCIOUS IN FLAVOR.** Our seed was especially grown for us by a careful grower at Rocky Ford and is the best type of the genuine Rocky Ford Muskmelon. It has been used in many sections and pronounced by melon growers a very superior strain.

PRICE: Large packet, 5c; oz., 15c; ¼ lb., 40c; lb., \$1.35; postpaid.

The Burrell Gem Muskmelon

A Red-Fleshed

Rocky Ford. This new red-fleshed cantaloupe is ideal for either the home garden or for market. The rather elongated fruits average six inches in height, 4½ inches in diameter, and weigh about two pounds each. The flesh is red-orange, is very thick, fine grained and deliciously rich and spicy in flavor. **SEED CAVITY REMARKABLY SMALL;** the rind is thin but tough. Color green, closely interlaced with gray netting; ribs well arched. The vines are very prolific and the culture profitable.

PRICE: Large packet, 5c; oz., 15c; ¼ lb., 40c; lb., \$1.35; postpaid.

Jenny Lind This is the earliest of the green-fleshed sorts and one of the sweetest. It is round or flattened. In size it is small, being from three to five inches in diameter—a very convenient size for serving in halves. It is more largely grown in the great melon producing states than any other sort, and is used in enormous quantities in the cities and at resorts. The vines are very prolific and the culture profitable.

PRICE: Large packet, 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50; postpaid.

Osage Melon One of the best melons on the market for family use and also greatly liked by gardeners. The skin is thin, dark green color and slightly netted. The flesh is salmon color, remarkably sweet and spicy in flavor; extremely thick and delicious to the rind. The seed cavity is very small. It is seldom that one of poor quality is found. The whole crop is very even and extra heavy owing to the thickness of the meat. All lovers of fine melons should try the Osage.

PRICE: Large packet, 5c; oz., 15c; ¼ lb., 40c; lb., \$1.35; postpaid.

Banana A long salmon-flesh variety having the fragrance of the banana, and of fine flavor, growing about 15 inches long, but desirable only as a distinct variety.

PRICE: Large packet, 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50; postpaid.

Watermelons The World's Best Varieties

Culture A light, sandy soil, with a good exposure to the sun, is the best situation to plant Watermelons. The ground should be prepared deep, but receive shallow cultivation. Hoe often and very thoroughly. Plant in hills 8 to 10 feet apart each way, with a very generous shovelful of well-rotted manure mixed with the soil in each hill. Plant 8 or 10 seeds in each hill, and finally, when danger from insects is past, thin out to three strong plants. Packets are about right for small gardens. One ounce of seed will plant 20 to 30 hills; 4 pounds will plant an acre.

Special prices to large growers who mention varieties and quantities required.



"Tom Watson" Watermelon

Tom Watson No melon ever introduced has sprung into popular favor so quickly as the Tom Watson; it is the watermelon of today, and for the future, as it possesses all of the fine qualities of a perfect variety, both as to its productiveness, quality and for transportation to distant markets without damage. It is probably the best shipping melon and one of the best main crop sorts. It grows to a very large size, ranging from 18 to 24 inches long by 10 or 12 inches in diameter, frequently weighing as much as 40 to 50 pounds and even more. The fruit is large and long in shape, colored a medium green with a light tracing of a darker shade. The flesh is deep red in color, and of good quality, extending close to the rind, free from core, crisp and melting. Tom Watson always commands the highest market prices, and is strongly recommended everywhere. We have a very fine selection of this melon, much superior to that generally offered.

PRICE: Large packet, 5c; oz., 15c; ¼ lb., 30c; lb., \$1.10; postpaid.

Cole's Early One of the very earliest and best of the early sorts. It is very hardy, medium in size, nearly round; rind dark green striped a lighter shade. The flesh is deep pink, and excellent in quality; seeds black. It is a great favorite in the northern states, and one of the finest for family use or the home market. Very early and very productive.

PRICE: Large packet, 5c; oz., 15c; ¼ lb., 30c; lb., \$1.10; postpaid.

The Dixie This variety originated in the south and is a splendid melon for shipping or table use. It is of large size, medium early, oblong in shape, with dark green rind beautifully striped with lighter shades. The flesh is bright red and of excellent quality. It is very prolific, frequently maturing from 6 to 8 large melons to the vine. Seeds black.

PRICE: Large packet, 5c; oz., 15c; ¼ lb., 30c; lb., \$1.10; postpaid.

Kolb's Gem This variety, on account of its excellent shipping qualities, is extensively grown for that purpose. Grow nearly round, and the color is dark green, with lighter, narrow stripes; very thick and tough rind. Flesh light red and of good flavor. Our seed is choice.

PRICE: Large packet, 5c; oz., 15c; ¼ lb., 30c; lb., \$1.10; postpaid.

Florida Favorite Oblong in shape and grows to a fair size; rind light green with irregular stripes of a dark green; ten days earlier than Kolb's Gem; quality excellent; seeds white.

PRICE: Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., \$1.10; postpaid.

Kleckley's Sweets, or Monte Cristo

Medium to large in size, medium early and exceedingly sweet; oblong in form, slightly tapering towards the stem end; rind very dark green; flesh very bright, rich red and ripens nearly to the rind; white seeded; too tender for a shipping melon.

PRICE: Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., \$1.10; postpaid.

Peerless or Ice Cream This variety grows to a medium size, is very early, and one of the best for growing in the North. It is a short oblong in form, nearly oval; of pale green color, mottled and finely veined with a darker shade. The flesh is light crimson, remarkably sweet and luscious. Seeds white. PRICE: Large packet, 5c; oz., 15c; ¼ lb., 30c; lb., \$1.10; postpaid.

Sweetheart Melon This melon is early, large, handsome, heavy and productive. Shape is oval; color, very light green. Flesh, bright red; solid, tender and very sweet. PRICE: Large packet, 5c; oz., 15c; ¼ lb., 30c; lb., \$1.10; postpaid.

Alabama Sweet Moderately early, oblong in form, of large size; skin medium green, irregularly striped a dark green; flesh bright scarlet, tender and sweet; seed white. Has a very tough rind and makes a fine shipping sort. PRICE: Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., \$1.10; postpaid.

Black Diamond Large, round, dark green; skin tough and a good shipper; quality fair. PRICE: Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., \$1.10; postpaid.

Georgia Rattlesnake (Striped Gypsy)

Large and oblong; rind very tough and in color a distinctive pale, light green, much mottled and striped very dark green; seeds white; an attractive and fine shipping melon.

PRICE: Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., \$1.10; postpaid.

Apple Pie Melon This much heralded novelty is simply the old variety of green seeded citron melon, but will appeal to many customers. The fruit and vine grow similar to the Watermelon, but the flesh is not edible in its raw state, but is used exclusively for sauces, pies and preserving. The flesh is white and solid, having a most delicious flavor. Each vine produces five to fifteen melons, which will keep fresh and solid all winter, and can be used when wanted. The delicious flesh resembles the flavor of apples, and for this reason is called Apple Pie Melon.

PRICE: Large packet, 10c; oz., 25c; ¼ lb., 60c; postpaid.

Red Seeded Citron Is round, dark-green, striped and mottled with light green. PRICE: Large packet, 5c; oz., 15c; ¼ lb., \$1.35; postpaid.

Reliable Onion Seed One of Our Leading Specialties

THE BEST SEED A NECESSITY. There is no crop which depends more upon the quality of the seed than the Onion crop. **GOOD ONION SEED** is of vital importance if you expect satisfactory results. The seed we offer is not surpassed anywhere; have been thoroughly tested for vitality, so that success is certain, where soil and season conditions are favorable, and is equally sure to produce a crop and an abundance of Onions. **OUR ONION SEED CANNOT BE EXCELLED** in purity, vitality or high quality.

CULTURE: Onions do best on a rich loam. Stiff clay and light sand are equally unfavorable. Drill 4 to 5 pounds of seed per acre, ½ inch deep. Onions are produced the first year from spring sown seed. Culture should be frequent, though shallow. Winter storage demands dryness and protection from sudden changes. Onions should never be handled while frozen.

Large Red Wethersfield For general purposes, the country over, no variety is more largely grown. The largest, most uniform, heaviest yielder and the best keeping of all the red onions. This is a standard red variety. Large size; skin deep purplish red; form round, somewhat flattened; flesh purplish white. We recommend it as a general cropper and a variety that will do well anywhere that onions can be grown. One of the best keepers. Yields enormous crops. Our stock of Large Red Wethersfield Onion Seed is personally selected by us and excelled by none. **PRICE:** Large packet, 5c; oz., 20c; ¼ lb., 75c; lb., \$2.50; postpaid.

Yellow Mammoth Prizetaker One of the largest, handsomest, finest flavored and in every way a choice variety of yellow onion, having been grown to enormous weight of over 6 pounds. Of a clear, bright straw color, and uniform perfect globe shape. Produces enormous crops, one report being over 1,200 bushels per acre; bring an extra price, being sold on the market as fancy onions. Keep wonderfully well. Our seed is unexcelled, ripen up hard and firm, and present the handsomest possible appearance in market, while the pure white flesh is fine grained, mild and delicate in flavor. To grow largest size, sow early in hotbeds and transplant to open ground soon as weather is favorable. **PRICE:** Large packet, 5c; oz., 25c; ¼ lb., 90c; lb., \$3.00; postpaid.

Southport Large Red Globe The finest type and most popular of the red onions. The bulbs are distinctly globe-shaped, with a small neck, and are excellent keepers; color a deep purplish-red. We have an unequalled strain of this variety, and sell annually thousands of pounds in the large commercial onion growing districts. **PRICE:** Large packet, 5c; oz., 25c; ¼ lb., 90c; lb., \$3.00; postpaid.

Southport Yellow Globe The most largely grown yellow market onion and the most profitable. The bulbs are a true deep globe, having a small neck and a heavy, thick skin which makes it an excellent storage sort; the color is a deep yellow or golden brown, quite distinct from most stocks of this variety. The flesh is white, crisp and mild in flavor. **PRICE:** Pkt., 5c; oz., 25c; ¼ lb., 90c; lb., \$3.00; postpaid.

White Silver Skin This is the famous variety which is sown so exclusively for growing Onion Sets, from which full grown onions are produced by June and July. It is not only the mildest, but the most delicate flavored variety, and generally preferred for table use; of a silvery white color, and exceedingly attractive. It is also used when quite small for pickling purposes. **PRICE:** Large packet, 10c; oz., 30c; ¼ lb., \$1.00; lb., \$3.50; postpaid

Yellow Strasburg or Dutch Color brownish yellow, bulb quite flat and of good size. This is a variety grown for sets, thousands of bushels of which are grown annually, and shipped to all parts of the United States. Seed sown in the spring form the small sets by July. **PRICE:** Large packet, 5c; oz., 25c; ¼ lb., 90c; lb., \$3.00; postpaid.

Australian Brown This variety, owing to its extraordinary keeping qualities, has gained great popularity, especially with Onion growers in the southern states. It is of roundish form; of a beautiful amber brown color, of mild flavor; almost as solid as a rock, and may be classed with the early varieties. **PRICE:** Large packet, 5c; oz., 25c; ¼ lb., 90c; lb., \$3.00; postpaid.



Red Wethersfield Onion

Early White Barletta This variety is two weeks earlier than the famous White Queen; it is regarded as the earliest variety in cultivation. When crop is matured the tops die down close to the bulb, leaving the most perfect miniature onions imaginable, ranging from 1 to 1½ inches in diameter; of a pure paper-white color, exceedingly mild and delicious in flavor. It is a grand variety for pickling purposes, and if sowed thickly in rows will produce small, round onions of the size of marbles. **PRICE:** Large packet, 10c; oz., 40c; ¼ lb., \$1.50; lb., \$5.00; postpaid.

Southport White Globe Of the true Southport Globe form, with a thin, delicate skin of purest paper softness; flesh is very crisp, fine-grained and snowy-white in color, and exceedingly mild; usually commands the highest price in the market. **PRICE:** Pkt., 5c; oz., 30c; ¼ lb., \$1.00; lb., \$3.50; postpaid.

Yellow Globe Danvers A handsome, globe size, with thin, yellow skin, white flesh, fine grained, mild, firm, and the best of keepers. Ripens early, sells readily at the highest prices in markets. This is one of the best cropping varieties; has yielded 1,000 bushels per acre. **PRICE:** Large packet, 5c; oz., 25c; ¼ lb., 75c; lb., \$2.50; postpaid.

Mammoth Silver King Of attractive form, flattened, but thick through bulbs, often attains weights of from 2½ to 4 pounds. Skin and flesh white, mild and pleasant flavor; matures early, of uniform large size and always bring a good price in market. **PRICE:** Large packet, 10c; oz., 40c; ¼ lb., \$1.40; lb., \$5.00; postpaid.

ONION SETS

| | Mail | Exp. or | Frt. |
|-------------------------|------|---------|--------|
| | Lb. | Pk. | Bu. |
| Red Onion Sets | 30c | \$1.50 | \$4.50 |
| White Onion Sets | 40c | 1.75 | 5.00 |
| Yellow Onion Sets | 30c | 1.50 | 4.50 |

Parcel Post Table on Page Three.

Parsnip

CULTURE: Work the soil very deep and pulverize the surface thoroughly.

Sow the seed in early spring, $\frac{3}{4}$ of an inch deep, in rows 12 to 18 inches apart.

As soon as the young plants appear, cultivate and hand weed them, and when 3 inches high, thin to 6 inches apart in the row.

Cultivate sufficiently to keep the soil loose throughout the season. Freezing improves the quality of parsnips for table use, so it is customary to take up in the Fall, when the ground begins to freeze what will be needed for winter use, leaving the remainder to winter over in the ground, or better still, pitting them as is often done with other roots, so that access may be had to them at any time.

One ounce of seed for 200 feet of row; 5 pounds seed required for an acre.



Improved Sugar or Hollow Crown Sugar, or Hollow Crown This is the variety most generally grown for either table use or stock feeding; it is of uniform growth, has smooth, clean skin, and is easily distinguished by the leaves arising from a cavity on the top or crown of the root. **PRICE:** Large packet, 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00; postpaid.



Improved Table Guernsey A greatly improved and wonderfully fine strain of the Hollow Crown Parsnip. The roots do not grow as long as the Hollow Crown, but are of greater diameter and more easily gathered. Very heavy cropper; roots are smooth with a deep, hollow crown and a small top. Flesh fine grained; sweet and of excellent quality; cooks evenly, center being as fine, soft, even, quality as outside portions. **PRICE:** Large packet, 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00; postpaid.

It Pays to Plant Okra

A fashionable vegetable, of easy growth. The pods are used when young and tender for soups and stews. Pick pods quite young and tender and slice crosswise before cooking.

CULTURE—Sow in May and June, in drill three feet apart, cover the seed with about 1 inch of soil, and thin to 12 to 18 inches apart

Parsley

CULTURE—Parsley is valuable for flavoring and garnishing purposes. Sow in drills as early in the Spring as the soil can be pulverized. Seed two years old will vegetate more freely than new seed, which will frequently require five to six weeks to germinate; so the cultivator must not be disheartened if the plants do not appear within a month. The seed will also germinate more freely by soaking it twenty-four hours in water, and mixed with sand before sowing.

Sow the seed in shallow drills in the early Spring for border or in rows 12 to 18 inches apart; and thin plants to 4 inches. Cultivation should be frequent and weeds kept removed.

One ounce of seed will sow 150 feet of row; 6 pounds of seed required for an acre.



Extra Moss Curled Our fine strain of Extra Moss Curled is the most ornamental of all varieties. It is handsome enough to have a place in your flower garden. It is the favorite sort for garnishing and to supply hotels and markets. It is planted almost exclusively by market gardeners for that purpose. **PRICE:** Large packet, 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$1.75; postpaid.

Double Curled Plants of dwarf, compact growth, and the young leaves have the edges heavily crimped, giving it a general appearance of coarse moss. Used by market gardeners. **PRICE:** Large packet, 5c; oz., 20c; $\frac{1}{4}$ lb., 70c; lb., \$2.00; postpaid.

Plain Leaved Is very hardy, a strong grower, and excellent for seasoning, for which purpose it is grown almost exclusively. **PRICE:** Large packet, 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.00; postpaid.

in the rows. Use 1 ounce of seed to 100 feet of row; 8 pounds to an acre.

White Velvet Okra A standard variety for home use and local markets. We have a specially fine early strain of this variety. This strain we find to be the best of all the white varieties. **PRICE:** Large packet, 5c; oz., 15c; $\frac{1}{4}$ lb., 25c; lb., 75c; postpaid.

Kleckley's Favorite The pods average six inches in length by $1\frac{1}{4}$ inches in diameter at the bottom, carrying the thickness well throughout the length. Plant grows $2\frac{1}{2}$ to 3 feet in height, smooth pods appear at leaf joints. **PRICE:** Large packet, 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., 90c; postpaid.

Perkin's Perfected Long Pod Large okra, esteemed by gardeners. It is a great improvement on the old green podded sorts. Large, handsome. Fine quality, very productive; 4 to 5 feet tall. **PRICE:** Large packet, 5c; oz., 15c; $\frac{1}{4}$ lb., 25c; lb., 75c; postpaid.

Pumpkins

We are special growers of Pumpkins, each year planting many different varieties. We list only those sorts which have given satisfaction. Look over the varieties we offer. There are some to suit each and every need of our customers. Pumpkins are less sensitive than Melons or Cucumbers, to unfavorable conditions of soil or climate, but are cultivated the same, though on a larger scale. They are raised between hills of corn, or in fields by themselves, but more properly belong to the farm than the garden, as they readily mix with and injure the quality of the finer squash. After danger of frost is over, plant the seed in hills 8 to 10 feet apart each way, dropping about a dozen seeds in a hill. The soil should be made as rich as possible. If planted with corn, 2 or 3 seeds a rod apart each way will be sufficient. When danger from bugs is past, thin to three plants to a hill. Hoe often until vines begin to run. Cut the ripe Pumpkins from vines after leaves die, leaving three to four inches of stem attached, and store in a dry place. Handle carefully to avoid bruising. Use one ounce of seed to twenty hills of most varieties, four or five pounds per acre

Connecticut Field An immensely productive, large, orange color field Pumpkin generally used for planting in corn for stock feeding, but is also a splendid variety for making pies. The fruit is rather oblong in form, flattened at the ends, smooth, hard; of reddish orange color distinctly ribbed skin, with rich orange yellow flesh. Often measure from 15 to 30 inches in diameter. **PRICE: Large packet, 5c; oz., 15c; ¼ lb., 25c; lb., 90c; postpaid.**

King of the Mammoths Wonderfully grand and colossal variety, astonishing everyone by its mammoth size and heavy weight. Think of a single pumpkin weighing 469 pounds! Many of our customer's saw this specimen on exhibition at the World's Fair. King of the Mammoths is always a prize winner at fairs and exhibitions. Notwithstanding its enormous size, it is one of the best pie and table varieties grown. A splendid keeper, and exceptionally valuable for feeding purposes. **PRICE: Large packet, 10c; oz., 25c; ½ lb., 60c; lb., \$2.00; postpaid.**

Yankee Pie The noted New England Pie or Small Sugar Pumpkin. Same shape and color as the Connecticut Field but is smaller, very sweet, fine grained and one of the best varieties for table use. It pleases everyone for making pies. Early. **PRICE: Large packet, 5c; oz., 15c; ¼ lb., 45c; lb., \$1.35; postpaid.**



A PRIZE WINNING PUMPKIN

Mammoth Prizetaker Do you want to grow the biggest Pumpkin in your county? If so **MAMMOTH PRIZE TAKER** is the variety to do it with. It is nothing to grow them weighing 150 to 200 pounds on unfertilized ground and has the record of having grown one to the enormous weight of 339 pounds under cultivation. Under good cultivation it's a monster. In quality it is good, considering the size. Flesh is a bright golden yellow and fine grained. A good yielder and keeps well. **PRICE: Large packet, 10c; oz., 25c; ¼ lb., 60c; lb., \$2.00; postpaid.**

Mammoth Tour Also called "Mammoth" where it is largely grown, both for feeding cattle and table use. Grow to an immense size, sometimes 3 feet in length, and to a weight of 100 to 200 pounds. Flesh of salmon color. Seed of a peculiar shape. **PRICE: Large packet, 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25; postpaid.**

Big Tom A strain of Yankee or Connecticut Field Pumpkin, which has been selected for many years to secure the most uniform type. Not only are the pumpkins larger and smoother, but the yield is nearly double that of the old variety. We recommend it to our customers as the very best type of corn-field pumpkin. **PRICE: Large packet, 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25; postpaid.**

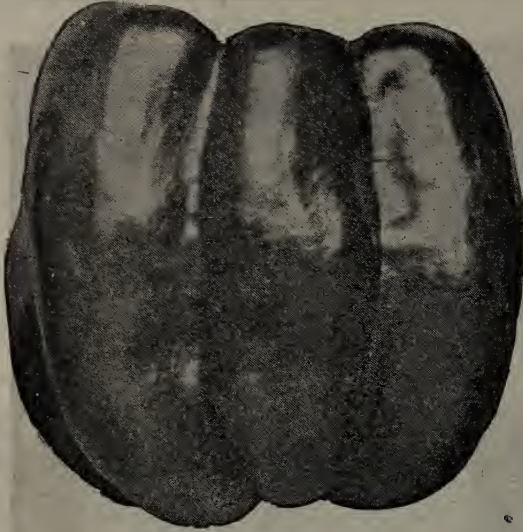
Japanese Pie A crook neck variety. Early. Flesh of fine quality. Keeps well. **PRICE: Large packet, 10c; oz., 20c; ¼ lb., 40c; lb., \$1.35; postpaid.**

Quaker Pie A small medium-sized variety, rather pear-shaped, color creamy inside and out. Of good quality, and one of the best for pie making. **PRICE: Large packet, 5c; oz., 15c; ¼ lb., 40c; lb., \$1.35; postpaid.**

Large Cheese or Kentucky Field This is a very popular pumpkin for pies, and is quite commonly known as "Sweet Pumpkin". In size they average about as large as the Connecticut Field, but are flat shaped, with creamy buff skin and thick, golden flesh. It is one of the best pie pumpkins and can be grown in the corn like the common cow pumpkin. **PRICE: Large packet, 5c; oz., 10c; ¼ lb., 30c; lb., 90c; postpaid.**



PRICE: Large packet, 5c; oz., 20c; ¼ lb., 60c; lb., \$1.75; postpaid.



Chinese Giant Pepper
Pepper

Sow early in spring in a hotbed in shallow drills, 6 inches apart. In order to make strong, healthy plants, they should be transplanted, when a few inches high, into another bed, like the Tomato, or sow in a box placed near a window in a warm room, and transplant early in the summer, or sow in a warm spot in the garden about the middle of spring and transplant them, when 2 inches high, in rows 18 inches apart and a foot from plant to plant. The pepper delights in a rich soil, and should be well cultivated. (One ounce will produce about 1,800 plants.)

World Beater The fruit of this very desirable variety is of the same shape as the Ruby King, except that it is broader at the pointed end and grows to a larger size. The flesh is unusually thick, sweet, and of a mild flavor. The color is a deep green when young, bright scarlet when ripe. One of the best large sweet varieties for mangoes or stuffed peppers. A good sort for market gardeners and shippers. PRICE: Large packet, 10c; oz., 60c; ¼ lb., \$2.25; postpaid.



Mammoth Early Virginia This very desirable variety is as early as the earliest, hardy, very prolific and of the best quality. Boys, here is a chance for you. Think of peanuts in your own garden and have plenty of them to eat. They produce 25 to 60 bushels to the acre and are as easily cultivated as corn. PRICE: Large packet, 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; postpaid.

Spanish Peanut A splendid early variety. Pods small, but remarkably solid and well filled with nuts of very fine quality. The yield per acre is very large. Can be cultivated with the plow. Because of their early habit and easy cultivation, it is the best variety to grow for fattening hogs. PRICE: Large packet, 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; postpaid.

Large Bell, or Bull Nose Early standard sort. More pungent than Ruby King and not quite so large. Is the favorite for drying for winter use. PRICE: Large packet, 10c; oz., 60c; ¼ lb., \$2.00; postpaid.

Mixed Peppers A choice mixture of all the above and several other fancy varieties. Fine for exhibition. PRICE: Large packet, 10c; oz., 60c; ¼ lb., \$2.25; postpaid

Chinese Giant Most gigantic of all Giant Peppers. A fine, mild, red pepper of enormous size, magnificent appearance and brilliant, glossy scarlet color. The flesh is mild and unusually thick. Makes an excellent salad sliced and served like tomatoes. PRICE: Large packet, 10c; oz., 65c; ¼ lb., \$2.25; postpaid.

Kaleidoscope A very ornamental new sort. The small fruit changes from cream color to canary, deepening to orange, then turns into pink, until it becomes a deep, shining scarlet. PRICE: Large packet, 10c; oz., 60c; ¼ lb., \$2.25; postpaid.

Sweet Mountain or Mammoth This pepper is in shape similar to Large Bell, but fruits are much larger and not nearly as pungent. A splendid sort for making stuffed pickles. Has been standard large pepper for many years. PRICE: Large packet, 10c; oz., 50c; ¼ lb., \$1.90; postpaid.

Red Chili Small, long fruit, but very hot. Used for pepper sauce. PRICE: Large packet, 10c; oz., 60c; ¼ lb., \$2.25; postpaid.

Red Cayenne Pods long and slim, of medium size. Pungent. Used for pepper sauce. PRICE: Large packet, 10c; oz., 60c; ¼ lb., \$2.25; postpaid.

Coral Gem Boquet This new red hot pepper is the finest of the smallest sized varieties. Excellent for pepper sauce; nice to chop up for mixing piccalilli. PRICE: Large packet, 10c; oz., 60c; ¼ lb., \$2.25; postpaid.

Ruby King Very large in size, 4½ to 6 inches long, by 3½ to 4 inches thick. When ripe they are of a beautiful, bright ruby red color and are always remarkably mild and pleasant to the taste. Produces large, handsome fruit and is splendid for stuffed peppers or mangoes. PRICE: Large packet, 10c; oz., 60c; ¼ lb., \$2.00; postpaid.



Neapolitan Peppers

Early Neapolitan A popular market variety on account of its earliness and productiveness; it forms fruit 4 to 5 inches long by 4½ to 5 inches in circumference, and is as mild as an apple. PRICE: Large packet, 10c; oz., 50c; ¼ lb., \$2.00; postpaid.

Pimiento This variety of recent introduction is an absolutely sweet pepper, and not only desirable for salads and stuffed peppers, but is also used largely by canners. The flesh is very thick and solid, mild and of superior flavor. PRICE: Large packet, 10c; oz., 60c; ¼ lb., \$2.00; postpaid.

Choice Garden Peas

BEST VARIETIES: Two pounds will plant 100 feet of row—one and one half to two bushels for an acre.

CULTURE: Peas of the extra early, smooth class are the very first thing to be planted in the spring. The wrinkled sorts follow a little later, as they are not quite so hardy. Tall late varieties need brush or other support. By selecting sorts that do not grow much over four feet high, the necessity for providing brush may be avoided. Judicious selection of varieties for succession will give a full supply of choice green peas during the entire season. Open furrows three or four inches deep and three feet apart; scatter the peas into them and cover with hoe. Cultivate like corn or beans. Garden peas, however, require good, strong and fertile land.

Extra Early Smooth Varieties Wrinkled Peas weigh 56 lbs. to bu., Smooth peas 60 lbs.

New Wonder A round seeded hard shell pea that can be sown when frost is barely out of the ground; before it is safe to sow wrinkled sorts. This, with its quickness of growth, and maturity, renders it the earliest pod on record. It is unequalled for general excellence, grows 2½ feet high, and pods of good size. Of splendid flavor. Is a very heavy yielder, and with its extreme earliness, lies its great value to gardeners. It is one of the best. **PRICE:** Large packet, 5c; ¼ lb., 15c; lb., 45c; 3 lbs., \$1.10; postpaid.

Alaska Height two feet, pods rather small, dark green color, well filled, the earliest pea known, being earlier than the Rural New Yorker, and 70 per cent of the pods can be gathered at the first picking. **PRICE:** Large packet, 5c; ¼ lb., 15c; lb., 40c; 3 lbs., \$1.10.

First and Best **EXTRA EARLY**—One of the earliest fall varieties, with smooth, round peas which ripen almost at one time. Grows two to two and one-half feet high, seed yellowish white; pods straight, short and well filled. Quality best of smooth seeded early varieties. **PRICE:** Large packet, 5c; ¼ lb., 15c; lb., 40c; 3 lbs., \$1.10; postpaid.

Early Dwarf Wrinkled Varieties

American Wonder Popular extra early variety for family garden. Cannot be planted quite as early as smooth sorts; will not stand as much cold, wet weather, but is far superior to them in flavor and table qualities. Dwarf, robust habit, growing about 12 inches high; produces a profusion of good-sized, well-filled pods of the finest flavored peas. **PRICE:** Large packet, 5c; ¼ lb., 15c; lb., 45c; 3 lbs., \$1.25; postpaid.

Premium Gem This has been for many years the standard dwarf wrinkled peas for the family, and are also popular with market gardeners. It only grows 12 to 15 inches high and requires no support. It is an improvement on the McLean's Little Gem, being much more prolific than that variety. Pods large, dark green, and quality of the peas is superior to most sorts. **PRICE:** Large packet, 5c; ¼ lb., 15c; lb., 45c; 3 lbs., \$1.25; postpaid.

Gradus or Prosperity **WITHOUT A RIVAL FOR TABLE QUALITY.** An Extra Early Wrinkled Pea, hardy, early and very prolific. This remarkable pea has been on the market 10 years, and has grown in favor until it is the most widely known variety in cultivation. The secret is that it produces a **TELEPHONE POD** as early as Alaska. Then, too, its quality is of the highest order—fully equal to the finest late marrow grown. The vine is of vigorous growth, about 30 inches in height. The pods are large and fine and most luscious quality. For the home garden it is perfectly adapted. It is the most profitable on account of the earliness combined with size of pod. **PRICE:** Large packet, 5c; ¼ lb., 15c; lb., 45c; 3 lbs., \$1.25; postpaid.

Nott's Excelsior The sweetest and most prolific of all the early Dwarf Peas; outyields Premium Gem or American Wonder. The best sort for the market or home garden. The vines are vigorous and very prolific, while the pods are closely packed with large peas of very fine flavor. Height, 1 foot. **PRICE:** Large packet, 5c; ¼ lb., 15c; lb., 45c; 3 lbs., \$1.25; postpaid.

McLean's Little Gem A dwarf, prolific, green wrinkled marrow; habit similar to the Tom Thumb. It has all the sugary flavor of the late wrinkled peas.



Height, 1 foot. **PRICE:** Large packet, 5c; ¼ lb., 15c; lb., 45c; 3 lbs., \$1.25; postpaid.

Second Early Main Crop Varieties

Champion of England It grows 4 to 5 feet high and requires support, but fine quality and large crop production more than repays any extra labor required. A strong, vigorous grower and continues to bear for a long time. **PRICE:** Large packet, 5c; ¼ lb., 15c; lb., 45c; 3 lbs., \$1.25; postpaid.

Telephone Immensely productive; finest quality; an excellent sugary flavor; vines very strong growing, about 4 feet high, and should be supported. Pods large, with 6 or 7 large, delicious peas. **PRICE:** Large packet, 5c; ¼ lb., 15c; lb., 45c; 3 lbs., \$1.25; postpaid.

Everbearing Fine for main crop. Grows about 2 feet high, strong and vigorous, branches in a peculiar manner and needs no support. Continues to grow and bear all season if picked. Pods and peas of large size and fine quality. **PRICE:** Large packet, 5c; ¼ lb., 15c; lb., 45c; 3 lbs., \$1.25; postpaid.

Improved Stratagem The most popular late variety for market or family use. It is preferred because of the immense size of pods and peas and the exceptional sweetness and tenderness of the peas when ready to use. Does not grow very tall, being really a half dwarf sort two to three feet high, and does not require support, though it will repay for the labor of training up with greater yield and longer bearing season. It is a vigorous grower of branching habit, and under favorable conditions an enormous cropper. Pods are large, long, and filled with seven to nine large peas of superior quality. **PRICE:** Large packet, 5c; ¼ lb., 15c; lb., 45c; 3 lbs., \$1.25; postpaid.

White Marrow An improvement on the old Large White Marrowfat. Fully as productive, but does not grow so tall and rank. Used almost exclusively for late mid-summer planting by market gardeners and is very productive. Grows 3 to 4 feet and is best if supported, though support is not usually given. **PRICE:** Large packet, 5c; ¼ lb., 10c; lb., 40c; 3 lbs., 90c; postpaid.

Dwarf Champion This is a great improvement on the Champion of England which has been one of the sweetest, best and most popular varieties for the last thirty years. The other variety is very tall (5 feet), while this new sort grows only 2½ feet and still vines are vigorous with a great profusion of very large pods filled with large sized peas of superior quality and very sweet. Medium late and suited to main crop. **PRICE:** Large packet, 5c; ¼ lb., 15c; lb., 45c; 3 lbs., \$1.25; postpaid.



Little Red Wonder

Cincinnati Market (The Glass) An improved strain of Long Scarlet, being slightly larger and with a very small top, roots 6 to 7 inches long, scarlet colored; flesh white, almost transparent, brittle and crisp. **PRICE:** Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.35; postpaid.

Vick's Scarlet Globe We have an exceptionally fine stock of this superb variety. It is one of the very earliest varieties of the forcing radishes and does equally well outside; roots are of fair size, globe-shaped and with a very small top; always crisp and tender; color a bright scarlet. **PRICE:** Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.35; postpaid.

White Strasburg Roots are about five inches long, thick at the shoulder and abruptly tapering; skin and flesh pure white, and remain firm and brittle longer than most varieties. **PRICE:** Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.35; postpaid.

Long Scarlet Short Top Roots are smooth, tender and uniform in shape, about six inches long and of a bright carmine-red color; tops short and small; an old standard sort. **PRICE:** Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.35; postpaid.

Long White Lady Finger (White Vienna) An early maturing, long white summer radish; roots white, slender and smooth, are 6 to 7 inches long, tapering slightly at the top. This variety grows more above ground than Icicle and consequently is more or less tinged with green at the top of the root. **PRICE:** Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.35; postpaid.

Winter Radishes

The merits of Winter Radishes are little appreciated, because few people have knowledge of their worth. These grow to large size and keep well for winter use. Sow seed in the middle of June.

California Mammoth White Winter Radish Pure white, about one foot long and two or three inches through; flesh tender and crisp, keeping well through the winter. **PRICE:** Large packet, 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25; postpaid.

Rose China Winter (Scarlet China) One of the very best winter sorts; roots are cylindrical, or largest near the bottom, stump rooted or blunt at both ends; skin smooth and bright, deep rose color; flesh white, crisp and pungent; the roots grow 4 to 5 inches long and 2 inches thick. **PRICE:** Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25; postpaid.

White Giant Stuttgart The roots are large, top-shaped and frequently four inches in diameter and of equal length; of a clear white color; a fine summer or fall radish. **PRICE:** Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25; postpaid.

Radishes—All the Best Varieties

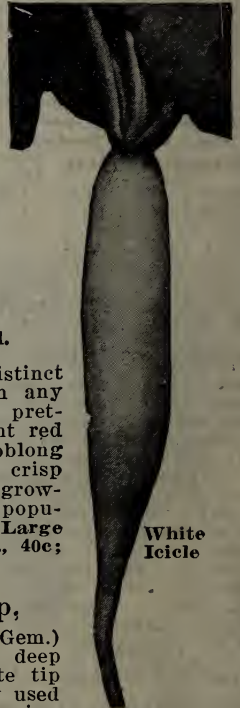
One ounce will sow 100 feet of drill; 8 pounds an acre.

Little Red Wonder If you want to grow the earliest Scarlet Turnip Radish, this is what you want. It certainly is a gem and is especially adapted for growing in hotbeds or to sow early in the open ground. It is crisp and tender, and will produce radishes fit to pull 20 days after sowing the seed. We are pleased to offer our customers such a splendid early radish and know it will be highly prized. **PRICE:** Large packet, 5c; oz., 20c; ¼ lb., 50c; lb., \$1.50; postpaid.

White Icicle Radish First and best of all. If you want to grow the VERY EARLIEST and BEST of ALL, this is what you want to do it with. It certainly IS A GEM and is valuable for growing in a hotbed or to sow early in the open ground. It will supply your table with nice white crisp radishes ten days to two weeks before any of your neighbors have a taste. It is twice as long as your finger, as white as snow and as crisp and brittle as an icicle and will produce fine radishes fit to pull in twenty days from the time you plant the seed. We are pleased beyond expression to have obtained the entire stock of seeds of this new introduction, for our trade and customers. The supply, however, is limited this year, but a small quantity of seed will grow a good supply for your table and a world of seed for another year. By all means include some of this seed in your garden seed order. **PRICE:** Large packet, 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50; postpaid.

Improved Chartier

An American variety which is one of the best long radishes for general planting outdoors. Roots in good condition when one-half inch thick and continue hard and crisp. Red above and shading to clear white at the tip, as shown in the illustration. Large, but both brittle and tender. Widely popular. This radish makes a fine appearance on the market stall. **PRICE:** Large packet, 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50; postpaid.



White Icicle

French Breakfast Is distinct from any radish in cultivation. This pretty radish in color is bright red tipped with white. It is oblong in shape, and in quality is crisp and tender. It is a quick grower, and is an exceedingly popular variety. **PRICE:** Large packet, 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25; postpaid.

Early Scarlet Turnip, White Tipped (Rosy Gem.) Round, deep scarlet, shading to a white tip on the bottom; very early; used extensively both as a forcing and outdoor sort. We have a very superior strain of this radish. **PRICE:** Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.35; postpaid.

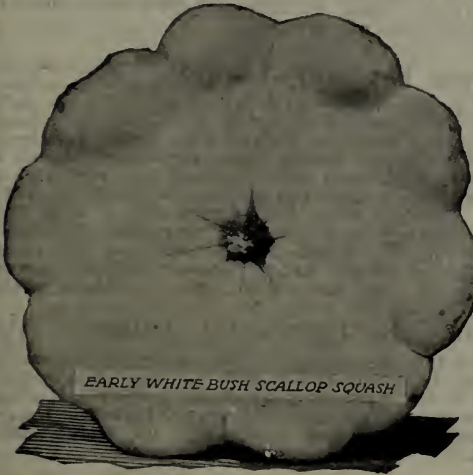
Squashes

One ounce early varieties will plant about 40 hills; 1 ounce late varieties about 20 hills; 3 to 4 lbs. per acre. Plant about the middle of spring in hills; the early sorts four to six feet apart, the late variety eight to twelve. Thin to three plants in the hill. The soil cannot be too rich. Use Bug Death to kill the bugs.

Golden Hubbard Also called Red Hubbard. The One Variety of Squash that is justly popular wherever grown. This is a counterpart of the old Green Hubbard, except in color, which is a bright, deep orange yellow; much richer in color than Hubbard, fine grained, cooks very dry, and is of excellent flavor. Its keeping qualities are fully equal to, while in productiveness it far excels the green variety. This is a squash that every market gardener should plant, for it is a "seller." **PRICE:** Large packet, 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50; postpaid.

Blue Hubbard, or Marblehead Splendid winter variety. Shell light blue; flesh similar to the Hubbard in quality. **PRICE:** Large packet, 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50; postpaid.

Warty Hubbard A new strain of the Hubbard; the wartiness indicates a very hard shell, which is one of the very best features of a long-keeping squash. **PRICE:** Large packet, 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50; postpaid.



EARLY WHITE BUSH SCALLOP SQUASH

Early White Bush Squash

Scalloped. This is the white Patty Pan. The plants are of true bush growth, producing fruit ready for use very early in the summer. **PRICE:** Large packet, 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50; postpaid.

Golden Bush An improvement on the old Yellow Bush Scallop or Patty Pan. The earliest of all and quite a favorite with all who like summer squash. **PRICE:** Large packet, 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50; postpaid.

Early Bush Crookneck Splendid, early, productive, fine quality. With all new varieties recently brought out, many claim there is no summer squash superior to this. **PRICE:** Large packet, 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50; postpaid.

Fordhook "Bush growth." Plants can be grown closely together. Fordhook is a week later than the Early White Bush; is much sweeter and better flavored. **PRICE:** Large packet, 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50; postpaid.

Delicious A fall and winter sort of medium size; top shaped in form and dark green; flesh orange, very dry and delicious. **PRICE:** Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.60; postpaid.

Horseradish Roots or Sets Horseradish is always in demand in winter and spring. The culture is by sets or root cuttings, as it seldom seeds. These thin, with crown 3 to 6 inches below surface. Horseradish delights in a deep, rich soil. It

THE ACKNOWLEDGED FAVORITE STANDARD VARIETIES



Chicago Wartyed Hubbard

Rhubarb, or Pie Plant

Ideal Mammoth This new variety, which is decidedly the finest and best of all, originated with Dr. Kennicott, of Illinois. The stalks are much larger than the Victoria or any other sort and are also produced in much greater abundance. Like all highly improved sorts it seeds sparingly and it comes more nearly true to name if grown from seed than most other varieties. **PRICE:** Large packet, 5c; oz., 20c; ¼ lb., 60c; postpaid.

Victoria For many years the standard variety of rhubarb. Stalks are not so large as Ideal Mammoth, but are preferred by many on account of their more piquant and richer flavor. **PRICE:** Large packet, 5c; oz., 20c; ¼ lb., 60c; postpaid.

Rhubarb Roots Everyone realizes the value of rhubarb or pie plant in the home garden. The best way to get a start is to purchase a few roots, as you can save one year's time in this way. The roots we offer are not seedlings, but large divided plants. Plant in spring or fall, setting plants 3 feet apart each way.

VICTORIA—The standard for general use. **PRICE:** Each, 35c; 5 for \$1.50; doz., \$3.00; postpaid.

IDEAL MAMMOTH—The largest and best variety. See description in vegetable seed department. **Each,** 35c; 5 for \$1.50; doz., \$3.00; postpaid.

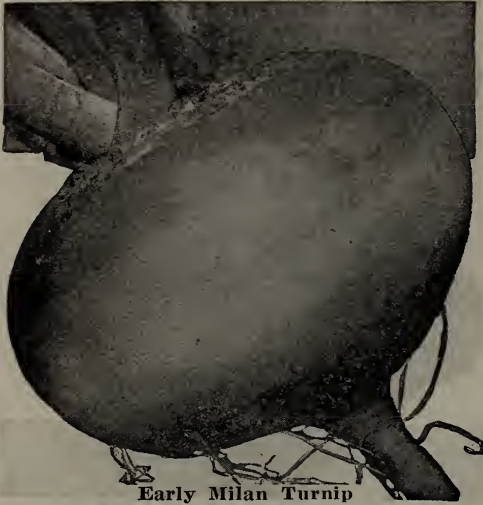
makes large top growth, giving weeds small chance. The **COMMON VARIETY**—very choice—we offer at: Crown, 10c each; doz., \$1.00; postpaid.

sets are placed in rows or furrows 2 to 3 feet apart and 15 to 18 inches apart in the rows. The sets should be placed in perpendicular posi-

Spinach, Long Standing

CULTURE: For early spring use, sow seed in August or September, in rich soil. Upon approach of cold weather, cover the plants with 3 inches of straw or salt hay. In the spring, when dry, remove the litter and plants will be ready for use in short time. This is a wholesome vegetable throughout the entire season. It is very hardy. Seed sown in September will produce small plants, which, with a slight covering, will be available for use very early in spring. The plant is small, with very rich lustrous green leaves. These are short, broad, very thick, and of so great substance that it loses bulk in cooking less than any other sorts. **PRICE:** Large packet, 5c; oz., 15c; ¼ lb., 40c; postpaid.

New Zealand Entirely distinct from the true Spinach; plant tall and spreading with numerous side shoots; leaves medium green, rather small and pointed; grows well in hot weather and under adverse conditions. **PRICE:** Pkt., 5c; oz., 15c; ¼ lb., 40c; postpaid.



Early Milan Turnip

Turnips

The value of Turnips and Ruta Bagas for feeding stock in fall and winter is not fully appreciated, as they are much liked by all kinds of stock and serve to keep them in good condition. They should not be fed, however, in large quantities to milch cows, or the flavor of the milk will be disagreeably affected. We recommend that farmers increase their sowings largely, for we are sure the crop will prove remunerative for stock feeding as well as for table use when the roots are comparatively small.

Both of these wholesome vegetables are very easily affected in their form and flavor by soil, climate, and mode of culture. The Turnip plant is distinguished from the Ruta Baga by its rougher leaves; the root usually matures earlier and is smoother.

For summer use sow early in spring in light, rich or new soil, in drills one and one-half to two feet apart according to the size of the variety and cover one-half inch deep, or sow broadcast, but in either case be sure to have the ground rich and freshly stirred. Thin early and keep free from weeds so that the young plants will not be checked in growth. Any over-crowding will result in rough and poorly flavored roots. It is important to get the spring and summer crop started very early so that the turnips may have

time to grow sufficient size before hot weather causes them to become tough and bitter. In the middle western states sow for fall and main crop from the middle of June to the first of August and in the manner given for spring sowing. In the field, turnips are often sown broadcast, though in most cases better results are obtained by drill culture.

Early White Flat Dutch This is one of the earliest varieties and can be sown either broadcast or in drills; it is without exception the best and most popular early sort for either table use or for market; is of a beautiful flat form, of pure white color and of a delicate, mild flavor. It produces bulbs entirely free from small roots and with long, narrow strap leaves growing erect, which permits close culture. **PRICE:** Large packet, 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25; postpaid.

Early Snowball A small white globe, very handsome, extra early, tender and sweet; highly recommended. **PRICE:** Large packet, 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25; postpaid.

Extra Early White Milan This is the earliest of all varieties; of a perfect flat form; pure white; small foliage and of fine quality; as an early market variety it is unsurpassed. **PRICE:** Large packet, 5c; oz., 15c; ¼ lb., 50c; lb., \$1.40; postpaid.

Purple Top Strap-Leaved A variety of the easiest culture and a general favorite with all; will do well sown either broadcast or in drills, and will form good-sized bulbs in a favorable season in about seven or eight weeks from sowing; it is of a perfectly flat form with a small tap root and a bright purple top; the leaves are short and narrow, growing erect from the bulb; it is a fine table variety and excellent for feeding stock. This and the White Flat Dutch are the most popular of all the flat varieties. **PRICE:** Large packet, 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25; postpaid.

Extra Early Purple Top Milan This celebrated foreign variety is the earliest strap-leaved turnip in cultivation; flesh pure white, purple top, of flat form and excellent quality. Highly recommended for an early crop. **PRICE:** Large packet, 5c; oz., 15c; ¼ lb., 50c; lb., \$1.40; postpaid.

Rutabaga or Swede Turnip

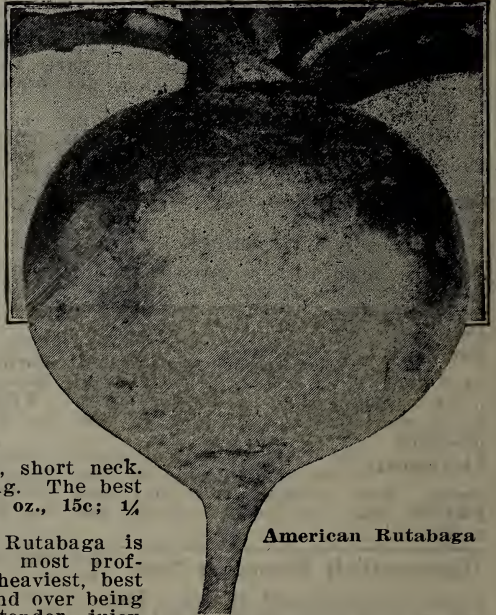
An eminent authority on agriculture never made a more truthful statement than when he said: "As compared with hay at \$10 to \$15 per ton, I prefer Rutabagas at \$5 per ton." An average yield of 20 to 30 tons to the acre is common.

If sown the last of July or the first of August, they make an excellent pasture during the fall months, and the turnip will furnish a rich food all winter. All kinds of stock relish and fatten upon them, when fed in combination with hay.

Improved American Rutabaga A Prize Winner Everywhere. Our special strain of Improved American is the best and heaviest cropper of all rutabagas. It is of fine form, with a rich purple top and yellow flesh, is tender and sweet and free from stringy, hard flesh. It has a small top, fine roots and is the surest and heaviest cropper. **PRICE:** Large packet, 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25; postpaid.

Mammoth White Russian One of the best in cultivation. One of the greatest sorts. Grows very large with small top, short neck. Produces heavy per acre. Keeps sound till late spring. The best Rutabaga in cultivation. **PRICE:** Large packet, 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25; postpaid.

New Monarch or Elephant This magnificent Rutabaga is unquestionably the most profitable of all Swede Turnips, as well as the hardiest, heaviest, best and most productive, a yield of 1,000 bushels per acre and over being of frequent occurrence. Yellow color, always sweet, tender, juicy and nutritious. **PRICE:** Large packet, 5c; oz., 15c; ¼ lb., 45c; lb., \$1.35; postpaid.



American Rutabaga

Thirty-seven Years of
Successful Business

Tomatoes

The Earliest and Best Tomato Grown

Combines the earliness of Earliana with the beauty and flavor of Stone and the solidity of Ponderosa

Tested in all sections of the country from New Jersey to Oregon, from Minnesota to Texas; in fact, every section of the country where tomatoes are grown, and have proven that it is **THE VERY BEST TOMATO GROWN**. The fruits ripen up evenly and set more freely than Earliana, also they command a higher price on the market on account of their color, size and shape. In the Northwest they are sure to set their fruit, are abundant bearers and have proven themselves practically free from the terrible blight which affects other varieties in that section.

In the south the "Magi Queen" has proven a winner. It ripens for first early market, keeps well, is a good shipper, but best of all, withstands the hot, dry winds, is free from the rot and blight which southern gardeners are always fighting.

The fruits are good size and very beautiful; brilliant scarlet color, smooth, sweet and juicy, yet the flesh is solid, almost "beefy", contains but few seeds and with very small core. It is everbearing from two months after it is transplanted until frost, and has proven the best and sweetest of all for slicing and for all purposes. **PRICES: Large packet, 10c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00; postpaid.**

Red Ponderosa From its first appearance 16 years ago it gripped and held the admiration of all who grew it. This has made it possible not only to maintain the high standard of quality which it has always occupied, but by careful development to raise it to a higher standard of perfection than ever.

Unquestionably the one great requisite in a vegetable for private use is quality—first and always **QUALITY**. With a Tomato this means primarily good flavor, free from acidity; then a fairly tender skin, solid, meaty flesh, few seeds and very little juicy pulp. These ideals are perfectly exemplified in the Ponderosa; Ponderosa, in size or delicious meaty flavor, is not only the largest but also the heaviest tomato grown. The color is a glowing crimson; shape quite regular, considering its size, and it is considered by thousands of people the best table variety in existence for slicing, having but few seeds. The fruit ripens early and bears well until very late. A good tomato for home use. We offer the genuine headquarters stock. **PRICE: Large packet, 10c; oz., 40c; ¼ lb., \$1.35; postpaid.**

New Stone The standard and general favorite with truckers and canners; always dependable, very vigorous and productive; fruits round, large, solid, smooth and deep red in color. Our selected stock of Stone is much above the average. **PRICE: Pkt., 10c; oz., 40c; ¼ lb., \$1.35; postpaid.**

Earliana Probably no early tomato has so large a sale as Earliana. Extremely early, remarkable for large size, handsome shape and bright red color. Its solidity and fine qualities fully equal the best late sorts. One of the most profitable crops for the market gardener and especially desirable in the home garden. As far as I am personally concerned I am satisfied **MAGI QUEEN** is still the earliest of all tomatoes. But at the same time, I am willing to admit that Earliana is also an excellent variety, and that it has given **MAGI QUEEN** a harder tussle for supremacy than any early variety. **PRICE: Large packet, 10c; oz., 40c; ¼ lb., \$1.35; postpaid.**

Matchless A very dependable, large, smooth, second early sort; makes a good canning variety; color cardinal red. **PRICE: Pkt., 10c; oz., 40c; ¼ lb., \$1.35; postpaid.**

Mammoth Beauty One of the best ever introduced. Its size, beauty, shape, color, flavor durability and productiveness make it desirable to growers. **PRICE: Large packet, 10c; oz., 40c; ¼ lb., \$1.35; postpaid.**



Magi-Queen

Dwarf Champion Of a distinctly dwarf, compact, upright growth; fruits smooth, solid and medium size; color pink; quite early. **PRICE: Pkt., 10c; oz., 40c; ¼ lb., \$1.35; postpaid.**

"NEW PARDE"

The Grandest Tomato on Earth

"New Parde" So named by John S. Hunter, of Savannah, Mo., because of its wonderful adaptability to all sections. Mr. Hunter claims this to be a partnership tomato, as it combines all the good qualities of the best tomatoes he has raised in the past. Following is the description given: "New Parde" seems to be a much earlier tomato than Earliana. The fruit is pinkish red in color, fine flavor, very meaty and few seeds. The vines grow into a compact bush, and were very heavily loaded with fruit, extra large in size for an early tomato. "New Parde" stood the drought exceedingly well, and bore plenty of fine fruit until killed by the frost, at which time the vines were still loaded with green tomatoes. It is sure a fine flavored tomato, and I expect to grow a lot more of them another season."

We have a large quantity of extra fine seed of the "New Parde" Tomato, and will be glad to distribute it among our customers this season. **PRICE: Large packet, 10c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00; postpaid.**

Perfection A standard early red variety; as now grown is very similar to Chalk's Jewel. **PRICE: Pkt., 10c; oz., 40c; ¼ lb., \$1.35; postpaid.**

Golden Queen Ripens early, is large, smooth and solid; color golden yellow. **PRICE: Pkt., 10c; oz., 40c; ¼ lb., \$1.35; postpaid.**

June Pink In habit of growth, productiveness and size of fruit identical with Earliana, differing only in having purple fruit; the best extra early purple or pink-fruited variety. **PRICE: Pkt., 10c; oz., 40c; ¼ lb., \$1.35; postpaid.**

Ground Cherry, or Husk Tomato Makes Fine Preserves. This useful fruit, which is also called Strawberry and Ground Cherry Tomato, is greatly valued for use as a preserve; it also makes delicious pies either when ripe or dried with sugar. When ripe the fruits are half an inch in diameter and of very sweet and agreeable flavor. The vines cover the ground and yield enormously of the fruit, which is enclosed in a husk or fruit calyx. There are two varieties of the Husk Tomato, the Golden Husk and the Purple Husk. We consider the Golden Husk by far the better of the two and unless otherwise directed will always send Golden Husk on orders received for Strawberry, Ground Cherry or Husk Tomato. **PRICE: Large packet, 10c; oz., 40c; ¼ lb., \$1.35; postpaid.**

Choice Northern Grown Seed Potatoes

Our Seed Potatoes Are grown exclusively in the Red River Valley of North Dakota and Minnesota. "Red River" stock always commands a premium over potatoes produced elsewhere. No seed potatoes can be compared with those produced in the North, either for vigor and freedom from disease, or for producing and long keeping qualities. The seed potatoes we send out are seed potatoes in every sense the word implies. They are not only the best we can supply, but the best to be had from any source at any price. To that end they are screened and hand sorted, selected stock such as anyone will be proud to plant. We personally superintend the cultivation and harvesting and loading of cars. Our seed is clean, healthy and free from scab; and, in order that the produce may be equally so, we urge our customers to treat the seed they plant with formaldehyde, as the soil may be infected.

The Early Ohio Potato is so well and generally known as to require no extended description. We believe it to be more popular than any other variety, which fact is evidenced by the very large demand for it. Our sales on this sort are many hundreds of bushels in excess of the quantity sold of any other one kind. They can be depended upon so uniformly to give a good yield under most all conditions and all soil and produce a tuber of an ideal size for early market use. Notwithstanding its earliness, this potato keeps well. Our stock in the spring is as sound as a dollar. The accompanying picture of Early Ohio Potatoes in the illustration represents the stock of this splendid variety—smooth, uniform and of fine, typical shape. This potato is characterized by pink skin, shallow eyes, blunt eyes and a slightly pebbled appearance, peculiar only to this variety.

In anticipation of the unusual heavy demand, we have in stock a very fine and large supply of excellent potatoes.

Peck, \$1.25; bushel, \$4.00.



Extra Early Ohio (grown in Red River Valley)

Early Irish Cobbler In shape the Cobbler is round, with oval cross-section. Skin white, well netted. Flesh pure white. Eyes are very few and shallow. Its cooking qualities and flavor are first class. Tubers are of good size, no small ones, and very smooth and free from scab. The Irish Cobbler is one of the most reliable of the first early sorts and an unusually heavy yielder for an early potato. It ripens very evenly, every hill seeming to ripen at one time. Its strong growth, earliness, productiveness, fine eating quality and handsome appearance will always cause a good demand for the Irish Cobbler. PRICE: Peck, \$1.25; bushel, \$4.00.

Potato Culture Use 8 to 10 bushels of seed potatoes per acre. Cut in two eyes. Plant in rows 3 feet apart, and drop 10 to 12 inches apart in row. Cultivate constantly and thoroughly. Ridging with loose soil is often practiced, but it is not always necessary. Store in frost-proof cellar or pit in winter. Potatoes are planted both early and late.

Date of Shipment We ship our seed potatoes in the spring as soon as danger of freezing is over, so they will arrive in plenty of time for planting. All orders for potatoes are acknowledged as soon as received, and forwarded the first day that we feel it safe to start them. When shipment is ordered otherwise, shipment is made at purchaser's risk and we assume no responsibility on account of freezing. All potatoes are carefully packed and delivered to the railway company in good order and condition; then our responsibility ceases.

POUND PRICE: All varieties, 40c per lb.; 3 lbs., \$1.00; postpaid, except when otherwise noted.

Improved Rural New Yorker One of the largest varieties in existence. Large and unusually smooth, with few and shallow eyes, skin white, as is also the flesh, which is of superior quality. Medium late and the best drought resister. There is no other potato of more handsome appearance than the Rural New Yorker. Although it is a large yielder it grows but few and small vines. It is very hardy and will stand the heaviest manuring without getting scabby or spotted. PRICE: Peck, \$1.25; bushel, \$4.00.

Eureka Extra Early None More Quick to Mature, More Proof Against Drought and Blight. A famous extra early, a little earlier even than Early Ohio. It has become immensely popular, and is much sought after, especially by market gardeners. The seed is always in demand and sells at a premium over other earlies.

Eureka Extra Early has never failed to produce a large crop of extra early potatoes. The plant is dwarf and compact, maturing in advance of the Early Ohio. It never has the blight. The tubers are round, white skin, free from disease. Flesh, white and mealy; no cores or black spots. Quality unsurpassed.

One point alone which makes it valuable is that it resists drought better than any other potato we have grown. North, South, East and West, Eureka the past summer came off with flying colors. We again advise early orders, for while our stock is large, the demand for Eureka is simply astonishing.

Carman No. 3 The best main crop potato. The fame of this potato is unquestionably the very best main crop late potato on the market. All the Carman seedlings (originated by Mr. Elbert S. Carman, late editor of the Rural New Yorker) have proven popular; but the Carman No. 3 is already rivaling in popularity the Burbank, and is undoubtedly a much better potato. Without any exception whatever it is the **GREATEST YIELDING POTATO** ever introduced, and it may be fairly claimed that it does not yield any small tubers at all. It is of large size and of the shapeliest form. Eyes are few and shallow. It is a perfect keeper and is not surpassed as a table variety. Skin and flesh of extreme whiteness. It has no hollow hearts or any dark parts. We recommend this potato to our customers as being unqualifiedly **THE BEST** of all late sorts. PRICE: Peck, \$1.25; bushel, \$4.00.



Seed Oats

Famous Iowa 103 Oat The Iowa 103 has created a greater sensation than any oat ever introduced. A new production from the Iowa Experimental Station in 1913, it soon gave promise of being the greatest early oat in existence and in 1914 and 1915 established themselves by winning the "Sweepstakes on all Oats" at The International Dry Farming Congress. It is undoubtedly the highest yielding strain of early oat ever introduced. Our customers, needing a good early heavy-yielding oat, cannot possibly do better than give the Iowa 103 a trial.

Mr. J. M. Baker, our Grower, says: "I have been raising Oats for years, but never have I raised such Oats as the Iowa 103. Bred from the old Yellow Kherson, they retain all the good qualities of the Kherson and in addition are a better color, being pure white and a much greater yielder. The grain is not so large as the Silver Mine Oat, but more plump and heavier and with very thin hull. The Iowa 103 Oat matures early before the hot, dry season sets in and before blight and rust appear. It has also proven to stand up extra well on heavy, rich soil and wherever the ground is rich and oats lodge or run to straw these new Oats will prove of great value."

PRICE: Lb., 25c; 3 lbs., 60c; postpaid. See enclosed pink price list for bushel prices.

New Kherson Oats A very heavy 60-day oat that stands up fine on rich, black soil. Matures early before hot, dry weather sets in. Straw is short and stiff, grains are small and yellow with very thin hulls and being practically all meat are unsurpassed for feeding purposes. Farmers in this latitude are planting Kherson Oats more heavily every year, and where our carefully graded selected seed is used big yields may safely be expected.

PRICE: Lb., 25c; 3 lbs., 60c; postpaid. See enclosed pink price list for bushel prices.

Big Banner 100-Bushel Oats We believe among all that is good "BIG BANNER 100-BUSHEL WHITE OATS" to be the best American oats grown and equal or superior to any oats found in this country. They are big, plump and pretty. Grown side by side with other varieties they have frequently made a yield of 100 bushels per acre where any other varieties made but 35 to 40 bushels. Hundreds of our customers have written us that on account of their earliness, enormous yielding qualities, freedom from rust and wonderful stiff straw, standing up under wet weather conditions that caused other varieties to lodge and go down and that there was **NONE LIKE BIG BANNER 100-Bushel White**

Oats. They undoubtedly stand pre-eminently at the head of all American grown oats.

DESCRIPTION AND POINTS OF SUPERIORITY: First, these Oats have a big, plump white kernel and thin hull. Its quick strong, robust growth from the start. A shorter, stronger, heavier straw than any of the heavier yielding varieties. Its vigorous root system, enabling it to resist dry weather and drouth. Its early ripening and maturity. Its freedom from rust, blight or smut. Its large kernels being solid and full of meat, almost as heavy as wheat, weighing out from 38 to 44 pounds per **MEASURED BUSH-EL**, combining all the best points and qualities of all **THE BEST AMERICAN VARIETIES OF OATS IN EXISTENCE.**

PRICE: Lb., 25c; 3 lbs., 60c; postpaid. See enclosed pink price list for bushel prices.

Early Champion Oats They are an old, well-established and well-known sort. Time tried, thoroughly tested and always a sure cropper. Every farmer knows what to depend upon when he sows them, namely: They can always be relied upon for a large yield and a sure crop. In fact, the **IOWA EXPERIMENTAL COLLEGE** recommends them very highly as among the best yielders and the best for spring nurse crop to grass and clover. They grow a short, very stiff straw, always stand up well and ripen very early. Wallace's Farmer says: "We would rather risk growing grass with Early Champion and Kherson Oats than any other varieties known or grown."

PRICE: Lb., 25c; 3 lbs., 60c; postpaid. See enclosed pink price list for bushel prices.

Silver Mine Oats This Oat has a reputation as an exceedingly heavy and reliable yielder. It is very hardy and prolific and yields beautiful white kernels, which are especially desirable for the manufacture of rolled oats.

The heads are very large in proportion to the stiff, bright clean straw. The sprangle top heads, although long, are borne low down on the stalk, which seems to prevent lodging. The demand for this variety last season exhausted the supply and we suggest early orders to avoid disappointment.

PRICE: Lb., 25c; 3 lbs., 60c; postpaid. See enclosed pink price list for bushel prices.

Regenerated White Swedish Select

This oat yields drought heavily, is free from rust, and withstands drought extremely well. The heads are large and branching, fairly loaded with big, plump, thin-hulled kernels of bright, pure white color. The straw is very stiff and noted for its power to withstand lodging.

PRICE: Lb., 25c; 3 lbs., 60c; postpaid. See enclosed pink price list for bushel prices.

Speltz or Emmer



What Is Speltz? It Is the Richest Stock Food that Grows—Continued

How nature takes care of man! Several years ago the fattening of hogs in the Dakotas, Montana and the North was thought impossible. Then came Beardless Barley, Speltz and Earliest Corns. These are the things that made it possible to fatten hogs anywhere on earth, and do it cheaper and better than with corn alone! Speltz is a richer food than corn. For fattening cattle and swine it is unapproachable. It cannot be beat. It fattens. It does this easily and well, and makes the best of pork and beef, and so cheaply! You can grow it anywhere; where wheat or oats will grow, Speltz will also thrive. Try it this year and be happy. Everything eats it and grows healthy, hearty and fat. It will surprise and please you. Try Speltz, Rape, Billion Dollar Grass, Sudan Grass, the wonder of the age, and Earliest Cane, and you have the greatest combination of foods for stock on earth.

Culture of Speltz is simplicity itself. It's sown in the spring in the North; in the winter and spring in the South. Prepare your ground as you would for wheat or oats and sow at the rate of two bushels or 80 pounds to the acre. Cut when in the milk and it will make a splendid hay crop. For grain crop cut when ripe and thresh same as other small grain. It is extremely hardy and can be sown earlier than spring wheat or oats; a light freeze or frost will not affect it. Speltz is one of the things we delight in urging you to sow. You will never regret it, when once you sow it. We have made our prices very low. We want every farmer who receives this catalog to try 10 or 20 bushels; the more, the better pleased you will be.

PRICE: Lb., 25c; 3 lbs., 60c; postpaid. See enclosed pink price list for peck and bushel prices.

Seed Wheat

Marquis Wheat The "Thousand Dollar Prize" wheat—unquestionably the best of all round spring wheat grown, yielding as high as 50 bushels to the acre. Extremely early and productive as well as hardy. Especially recommended for Minnesota, Dakota and Iowa. Grows stiff, strong straw of medium height and matures its plump, round, dark red kernels two weeks earlier than the Blue Stem. Easy to handle at harvest because free from beards. Unexcelled in both milling and baking qualities. Our Marquis seed is grown in latitudes for which it is recommended and can be depended upon to bring you much better yields than common varieties. Sow in early spring.

PRICE: Lb., 25c; 3 lbs., 60c; postpaid. See enclosed pink price list for peck and bushel prices.

Durum Wheat Also known as Macaroni Wheat—a prolific yielder which produces a good stand and crop even on poor land. Grains are large and solid and unusually free from smut and rust. In big demand for the manufacture of macaroni and spaghetti. Sow Durum in early spring.

PRICE: By express or freight, peck, \$1.25; bushel, \$4.00.

Iowa Chief This variety of spring wheat has been selected and bred by us and our seed stock grown under our own supervision until it has attained such a high standard and quality we feel justified in giving it a distinct name. All who have seen this wheat, both the grain and the crops, compliment us on its superior quality and yield. It is as nearly pure as wheat can be and by cross breeding we have produced one of the most vigorous strains of spring wheat we have ever seen, which goes far in increasing the yield, its early maturity and reducing the damage by rust, bugs and storms. It is a hard bearded variety, the kind that produces the best milling wheat and finest flour that can be made, as well as the most pounds of flour to the bushel. In addition to this, it is adapted to any locality where spring wheat is grown.

PRICE: Lb., 25c; 3 lbs., 60c; postpaid. See enclosed pink price list for peck and bushel prices.

Winter Wheat On account of the time at which our Annual Catalog is issued we do not give space to Winter Wheat, but list select seed of the best yielding varieties in our pink price list.

Buckwheat

HARVEST WINTER WHEAT OR RYE AND SOW BUCKWHEAT. GET TWO CROPS IN ONE SEASON.

Buckwheat Is a "catch crop," easily grown between regular succession crops. Also valuable as a weed exterminator and green manure. It will grow best on light soil, and it will flourish under greater rainfall than other grains. As a second crop Buckwheat cannot be surpassed.

New Giant Japanese Buckwheat We want to urge and beg farmers to plant more buckwheat. It pays—it pays handsomely. Buckwheat will even do well on lands low in nitrogen. Buckwheat pays everywhere, on any kind of soil, rich or poor. Try it this summer. The famous distinct variety. 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 farther north. It resists drought and blight. The seed is rich dark brown in color and larger than Silver Hull. As much as 60 bushels to the acre have been harvested of this variety, making it very profitable to raise.

PRICE: Lb., 25c; 3 lbs., 60c; postpaid. See enclosed pink price list for bushel prices.

Silver Hull Buckwheat This valuable variety 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 a more ready sale, bringing higher prices than the Japanese. Under favorable conditions it will yield 40 to 50 bushels an acre.

PRICE: Lb., 25c; 3 lbs., 60c; postpaid. See enclosed pink price list for bushel prices.



Giant Hulless Barley

Hulless Barley No beards or hulls. The grain looks like wheat. Equal to wheat in feeding value, and yields twice as much. No barley has proved as valuable to the stock raiser as the Giant Hulless.

The yield varies according to soil and climatic conditions, but it can be depended upon to produce from 50 to 80 bushels an acre. Its nutritive value is very great. It is fed to work horses at the rate of two quarts, where four quarts of oats would be required. The best way is to mix it with oats and grind or soak six hours in water for horse feed. It is also very valuable for feeding poultry, hogs and all kinds of stock. As fattening feed for hogs it has no equal. It makes sweeter meat and nicer lard by far than corn.

There is positively nothing that will give to your cattle better health and add to their weight quicker than feeding Hulless Barley. Indeed, feeding them twice daily on Hulless Barley and once on corn will add more fat and better fat and add it quicker and for less money than feeding on corn alone. We know this to be true, because we have demonstrated it repeatedly.

PRICE: Lb., 30c; 3 lbs., 75c; postpaid. See enclosed pink price list for bushel prices.

Success Beardless Barley This is a new six-rowed barley, and as the name indicates, without beards, which is the most valuable improvement ever made on barley. It is a vigorous grower, producing strong, short straw and heavy, well-filled heads. Its earliness is one of the most important features, as it can be cut and put out of the way before the wheat and oat crop are harvested. On good land it has produced 80 to 90 bushels per acre, and as much as 125 bushels in favorable seasons. In regard to soil, it is not particular, as a good crop of beardless barley can be raised on land too poor to produce a crop of wheat or oats.

PRICE: Lb., 30c; 3 lbs., 75c; postpaid. See enclosed pink price list for bushel prices.

Manshury Barley This grand barley was introduced from Asia by the Ontario Agricultural College several years ago, and is one of the most valuable varieties ever introduced into this country, greatly outyielding the old renowned Manshury Barley. It is an early six-rowed variety, maturing in 80 to 90 days from time of sowing, and is adapted to all kinds of soil and climate; is very strong strawed,

stools well, and bears large and well-filled head of plump grain which possess malting qualities of the highest order. Another important factor is its nice and bright color, which will not turn dull and yellow when exposed to rainy weather, as most other varieties do, and on this account it will always be in good demand by the brewers and commands the highest market price. A good malting barley always sells at least 10 to 15 cents above discolored which can only be used for feeding purposes. By growing the Manshury instead of some common variety, one can easily gain from \$5.00 to \$10.00 per acre.

PRICE: Lb., 25c; 3 lbs., 60c; postpaid. See enclosed pink price list for bushel prices.

Oderbrucker or Wisconsin No. 55 Barley

On account of Barley being one of the staple crops, the State Experiment Station of Wisconsin has given particular attention to the breeding of Barley to obtain big yields, protein content and other qualities which are essential for both brewing and feeding purposes. Oderbrucker or Wisconsin No. 55 is considered the best variety of Barley sent out by the Wisconsin Station. Prof. Moore declares it to be superior to the Manshury, yielding 5 to 10 bushels more an acre. Oderbrucker is a stiff-strawed, heavy yielding, six rowed, bearded variety. It is about the same as Manshury in time of maturity, manner of growth and general appearance, but has a plumper kernel and weighs more to the measured bushel. Prof. Moore says: "In stiffness of straw and rust resistance it is superior to any other variety on test." Two bushels of Barley will seed an acre.

PRICE: Lb., 25c; 3 lbs., 60c; postpaid. See enclosed pink price list for bushel prices.

Rye

Spring Rye This is a splendid spring grain and should be more generally sown. Spring Rye can be successfully grown on land too poor for wheat, and does equally well on acid and non-acid soils. It may be sown on sandy and light soils where other grains do not succeed. Spring Rye does not remove as much plant food from the soil as other small grain, and may therefore be grown on the same ground year after year. When ripe, it provides excellent pasturage for hogs, two weeks after it has matured. This time is allowed to take the sharpness off the beards.

PRICE: Lb., 25c; 3 lbs., 60c; postpaid. For peck and bushel prices see pink price list enclosed.

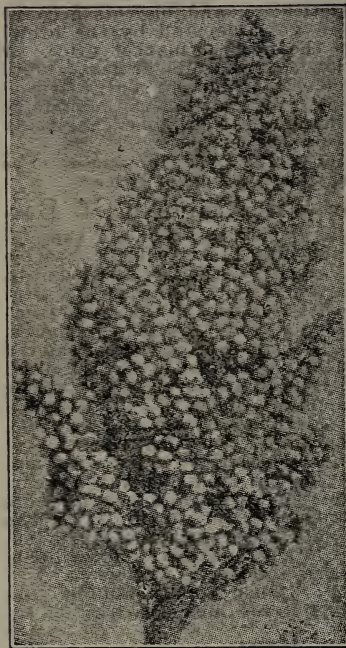
Mammoth Wonder White Rye This is a winter white rye one of the most important of all farm crops. In the first place, it is a sure crop, failures being unknown. Every farmer should have at least a few acres of it. It is sown in the corn, before the plows, at last plowing, also later, as late as November 1st, and as it grows vigorously will furnish pasture till late in the fall and early winter, also early in the spring before grasses have made a growth. So it is of great value to dairy farmers. If sown early in the spring it makes an early and abundant pasture, but makes no grain crop. Our Mammoth Wonder Rye is of extra quality. It will please you no matter whether you want it for pasture or grain. Grown for grain alone it will make money for you. Fifty bushels per acre have been procured.

PRICE: Lb., 25c; 3 lbs., 60c; postpaid. For enclosed pink price list for peck and bushel prices.

Rosen Rye A variety of winter rye, heavily outyielding all other ryes. The straw is strong, stands up well and will not lodge. Berry nearly double the size of common rye, with a beautiful silvery lustre, making the most attractive rye grown. It was originated by Prof. Sprag, Michigan Agricultural College. By freight at your expense.

PRICE: Lb., 30c; 3 lbs., 75c; postpaid. See enclosed pink price list for peck and bushel prices.

Successful Catch Crops—Dry Weather Crops



Feterita

Yellow Milo Maize A non-saccharine sorghum of high value; cultivated like corn. It is a vigorous grower; of deep green color, attaining a height of 8 or 10 feet. Some stalks develop 20 heads. The seed is fed to horses, cattle, chickens, etc. It will mature its main head in 100 days and will continue growing until frost. Plant six to eight pounds per acre.

PRICE: Lb., 25c; 3 lbs., 60c; postpaid. See enclosed pink price list for bulk prices.

Sorghum or Sugar Cane Dairy farmers say that Sugar

Cane is the most valuable fodder plant in existence for their use. Can be grown anywhere on any soil that will grow corn. It is of the best quality, being sweet, tender, nutritious and greedily eaten by horses, cattle and hogs. It is claimed that as high as ten tons of green fodder have been grown per acre. Sow 100 pounds per acre. It is a profitable crop, also to grow for seed. When grown for seed, sow in drills three feet apart, using 4 to 5 lbs of seed per acre. Prices subject to change.

EARLY AMBER. Popular and well known. Succeeds well from Texas to Minnesota. Selected seed for Sorghum. **PRICE:** Lb., 30c; 3 lbs., 75c; postpaid.

For Fodder. PRICE: Lb., 20c; 3 lbs., 50c; postpaid. See enclosed pink price list for quantity prices.

EARLY ORANGE. Ten to fifteen days later than Early Amber. Well adapted to the South and West.

Selected Seed for Sorghum. PRICE: Lb., 30c; 3 lbs., 75c; postpaid.

For Fodder. PRICE: Lb., 20c; 3 lbs., 50c; postpaid. See enclosed pink price list for peck and bushel prices.

BROOM CORN Broom corn is one of the best paying crops and is adapted to any soil that will grow corn. It will make a crop with very little rain. One acre will yield 1 to 1¼ tons of cured brush and up to 40 bushels of seed, which is nearly equal to

Feterita A new non-saccharine from Sudan. It is an early maturing, drought resisting sorghum of considerable value, both for fodder and grain. It has rather slender stems, varying in height from 4 to 7 feet with locality and season. The stems are juicy and slightly sweet before ripening. Suckers are produced freely when moisture is sufficient. It is a little earlier than dwarf milo and yields about the same. Sow in hills 40 to 44 inches apart, and not before the ground is warm; about 2 weeks after Indian Corn, as it is still more liable to rot in cold ground. 3 to 5 lbs. will sow one acre.

PRICE: Lb., 25c; 3 lbs., 60c; postpaid. See enclosed pink price list for peck and bushel prices.

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. The grain is pure white and a good food for man or beast. Use 8 pounds of seed per acre.

PRICE: Lb., 30c; 3 lbs., 75c; postpaid. See enclosed pink price list for bulk prices.

Kaffir Corn Is a most excellent fodder plant. It grows from 6 to 8 feet high, making a straight upright growth. The stem or stalk bears numerous wide leaves. The stalks keep green and are brittle and juicy, making excellent fodder, either green or dried. The seed crop is also heavy, sometimes yielding 60 bushels to the acre. There is no failure about this, as it possesses the quality that all the tribe possesses of going without rain without any loss of capacity or yield. The strain is extremely valuable for poultry. Cultivated the same as corn, requiring 7 pounds of seed per acre. For fodder sow one-half to one bushel either broadcast or in drills.

PRICE: Lb., 25c; 3 lbs., 60c; postpaid. See enclosed pink price list for bulk prices.

oats in feeding value. Plant in drills 3½ feet apart, and in rows about 3 inches apart; and cultivate the same as corn. About 5 to 8 pounds of seed will sow an acre. If planted the 1st of June, the crop will be ready to cut September 15.

STANDARD EVERGREEN—The best variety for general cultivation on account of color and quality of brush, which is of good length and always green when ripe, never getting red, and has no center stalk. It is valuable to broom corn raisers and manufacturers.

PRICE: Lb., 25c; 3 lbs., 60c; postpaid. See enclosed pink price list for peck and bushel prices.

Dwarf Essex Rape The easiest cultivated and most profitable plant for sheep, hogs or cattle known. It can be sown in early spring along with oats or rye, and eaten off by sheep within a week or so after harvest. It can also be sown on wheat, oats or rye stubble, or on any vacant land up to the end of July, and will yield an immense crop of green fodder in six to eight weeks from time of sowing—nothing like it for sheep feed. Rape should be sown in drills at the rate of 3 lbs per acre, or broadcast, using 5 to 6 lbs. per acre. Price for true Dwarf Essex Rape, first quality seed.

PRICE: Lb., 25c; 3 lbs., 60c; postpaid. See enclosed pink price list for quantity prices.

Millet GOLDEN MILLET. This variety matures about two weeks later than common millet. It grows from 4 to 5 feet high, yielding an abundance of leaves; heads closely condensed; spikes very numerous; seeds round, golden yellow, in rough sheaths. Sow 50 lbs. per acre, or for seed, 25 lbs.

PRICE: Lb., 25c; 3 lbs., 60c; postpaid. See enclosed pink price list for peck and bushel prices.

NEW SIBERIAN. Is earlier than all other kinds and wonderfully productive. Makes fine hay and rust proof, withstands drought well and is extremely hardy. Will yield 50 to 75 bushels of seed per acre. Seed is of reddish color. Sow 25 to 35 lbs. per acre.

PRICE: Lb., 25c; 3 lbs., 60c; postpaid. See enclosed pink price list for peck and bushel prices.

“Billion Dollar Grass”

ESPECIALLY VALUABLE FOR SILO AND FOR FEEDING GREEN—BETTER THAN THE BEST CORN FODDER

From Japan, that mysterious country, which is furnishing (and has furnished in the past) many rare farm seeds, comes this remarkable grass—remarkable in a hundred different ways, for there is nothing known to man today that is more luxuriant, more prolific, more marvelously rich and vigorous in growth than Billion Dollar Grass. It will produce a hay crop in from six to ten weeks, anywhere, and if sown the first of May it will be ready to cut the middle of July for hay, attaining the height of (according to the richness of the soil and warmth) from 5 to 7½ feet. It is pre-eminently the grass to sow if you are going to be short on hay for your horses, mules, cattle and other stock.

BETTER THAN CORN FOR SILO—Cows with both Billion Dollar Grass and Corn before them will take Billion Dollar Grass first and consume it without waste; when put upon Billion Dollar Grass they increase in milk and fall off when feed is changed to corn. An ideal ensilage mixture is made of two parts Billion Dollar Grass and one part of Soy Beans or Cow Peas, mixed when filling the silo. This mixture forms a complete balanced ration for milch cows without grain, oil cake, etc.



Billion Dollar Grass

CULTURE—Everybody reading the above regarding this wonderful grass will wish to know its best method of cultivation. If you wish very fine, leafy hay, and have strong, rich ground, sow at the rate of 20 pounds per acre, but if your soil is but moderately rich, then sow at the rate of fifteen pounds per acre. This latter is the amount we ourselves sow, and find same very satisfactory. It can be sown at different times of the year, especially if you wish same for pasturage, or if you are short of hay. It can be sown in April, in May, in June, in July, and even in August, and will return glorious, heavy crops.

PRICE: Lb., 30c; 3 lbs., 75c; postpaid. See enclosed pink price list for quantity prices.

Sudan Grass

IT LAUGHS AT DROUGHTS AND REJOICES WHEN IT RAINS

Sudan Grass has proved itself to be one of the surest hay crops for the Middle West. It does well when it gets plenty of rain but it is when the drought comes that it shows its real worth. Growers everywhere are enthusiastic about it for it has made good yields of hay when other crops burned up.

Sudan Grass is an annual and like Millet must be planted each season. It grows very tall, reaching a height of seven to eight feet. The stems are very small, rarely thicker than a lead pencil, and the plants stool wonderfully, producing under favorable conditions as many as 100 stalks from a single seed.

Under favorable conditions it will make three cuttings and yield up to six tons of hay per acre.

Sudan hay is much relished by horses and cattle, and they will leave almost any kind of roughage for it, cleaning up heads, blades and stalks.

Sudan Grass is generally planted in rows about thirty-six inches apart, using about four to six pounds per acre, and also broadcast, using from 10 to 20 pounds per acre. It is important that the seed should not be planted until the soil has become warm, as cold soil only delays germination and dwarfs the early growth. It can be planted any time during the summer as a catch crop, so long as seventy to eighty days intervene before the date of the first expected frost.

PRICE: Lb., 30c; 3 lbs., 75c; postpaid. See enclosed pink price list for quantity prices.



Sudan Grass

Satisfaction Guaranteed or Money Refunded.

“Jefferson Brand”—Our Famous Clovers

Medium Red Clover This is regarded as the most valuable of the Clover family. It is sometimes called June Clover and is a dependable all-around variety for farmers and stockmen. It makes two crops each year. The first is usually cut when it is in blossom for hay; the last crop may be harvested for seed, cut for hay, or plowed under to add to the fertility of the soil. It may be sown either in the spring or fall, and where no other grasses are used, at the rate of 10 to 12 pounds to the acre, according to the quality of seed used and condition of the soil. Clover adds greatly to the fertility of the land on which it is grown. It does not exhaust the soil, but enriches it. It pays always to buy the best quality of Clover Seed which can be obtained. Even though the first cost is twice as much as cheaper seed, it will be found in the long run that inferior seed is the most expensive, not only on account of less hay or seed being produced from it, but from the fact that one's land becomes infested with weed seeds which decrease the value of the land on which they are growing.

It has been demonstrated time after time that crops following a growth of Clover are larger and of better quality than when grown on land which has produced the same crop for a series of years. Clover should be rotated with grain crops every three to five years. 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. It is well to sow Clover with every crop of hay. It serves to keep the ground free from weeds, restores fertility, and may be pastured in the fall, or will repay the grower even if put to no other use than to be plowed under as a green fertilizer.

PRICE: Lb., 60c; 3 lbs., \$1.60; postpaid. For peck and bushel prices see enclosed pink price list.

Mammoth Red This is also called Sapling or Pea Vine Clover. It greatly resembles the Medium Red, but grows coarser and more vigorous. It is the best clover for pasturage, as it will produce an enormous yield and is of the highest feeding quality, but not as desirable for hay. Specially desirable for hog pasture. You can enrich your soil more cheaply by sowing Mammoth Clover and plowing it under than in any other way.

PRICE: Lb., 60c; 3 lbs., \$1.65; postpaid. For peck and bushel prices see enclosed pink price list.

Alsike Clover This is one of the hardiest varieties known. It is a perennial and does not winter kill. It will do better on moist land than any other variety of Clover, and is suitable for either hay or pasture. When sown with other grasses it forms a thick undergrowth and greatly increases the yield. It is frequently sown with both Medium Red Clover and Timothy and the quality of hay thus produced is excellent. It is especially valuable for growing on wet or swamp land. If you have a piece of land that is too damp for Alfalfa, other clovers or grass, sow a mixture of about four pounds of Alsike Clover and ten pounds of Red Top Grass Seed. This will make an excellent crop of hay.

PRICE: Lb., 60c; 3 lbs., \$1.60; postpaid. See enclosed pink price list for peck and bushel prices.

Crimson Clover This fine Clover is one of the most valuable fall crops the farmer can put in, as it will make the earliest green feed of any of the Clovers. It will yield under favorable conditions 8 to 10 tons of green feed per acre or 1½ to 2½ tons of hay, and is worth as a fertilizing crop \$20.00 to \$25.00 per acre. It can be cut or turned under in time for other early spring crops, and in warm climates four or five cuttings are made during the season. Crimson Clover can be sown any time

from July to October. The seed we offer is Northern grown, on new land and the best and cleanest that can be produced, showing a strong germination and 98 per cent purity. Sow 10 to 15 pounds of seed per acre.

PRICE: Lb., 40c; 3 lbs., \$1.10; postpaid. See enclosed pink price list for peck and bushel prices.

White or Dutch Clover Very Valuable for Lawns. Perennial, 4 to 9 inches. This is the common, little running clover found in most good pastures. Its chemical analysis shows it to be richer in protein than almost any other legume which we grow for forage. It is, of course, too small to grow for hay, but it is invaluable in all pastures, and no pasture mixture would be complete without it; we can thoroughly recommend discing old blue grass pastures and sowing a mixture largely composed of this clover to improve both quantity and quality of the pasture.

PRICE: Lb., 75c; 3 lbs., \$2.00. See enclosed pink price list for peck and bushel prices.

White Blossom Sweet Clover Cannot be over-estimated for Hay and Pasture for horses, hay and pasture for cattle, hay and pasture for sheep, hay and pasture for swine, honey plant for bees, as a soiling crop for stock, increasing the milk supply; plowing under as a fertilizer; introducing bacteria to the soil; reclaiming worn-out land, preventing erosion and washing; growing on hillsides and steppes; utilizer of barren land.

Sweet Clover Its value is just becoming known; growers who had experience with sweet clover estimate its value as follows: \$4.00 per acre for honey; \$25.00 per acre for hay and pasture; \$25.00 per acre for seed. Total, \$54.00. To this should be added its value as a soil renovator, which is very much more than 25 wagon loads of stable and barnyard manure. It is a biennial leguminous plant, tall, somewhat like coarse alfalfa, growing 6 to 8 feet high. Its blossoms, which rarely appear until the second year, are white and give a strong smell of honey, quite perceptible some distance away. If not allowed to reseed, it will die out the second year.

Soil—Sweet Clover grows in all parts of the United States; it possesses a wider adaptability in regard to soil and climate than any other clover or alfalfa. It thrives on the poorest, sandy soil and on dry hillsides, where no other clover will grow; in the west, where irrigation forced the alkali to the surface with the result that it has killed all vegetation except some saltweeds, sweet clover is the only plant that will grow and make a good yield. It will endure more drought than alfalfa.

Sow White Sweet Clover seed ½ inch deep only. Sweet Clover requires a thoroughly compacted seed bed, with just enough loose soil on top to enable the seed to be covered. It is usually the best to seed on ground like corn stubble.

PRICE: Lb., 50c; 3 lbs., \$1.35; postpaid. See enclosed pink price list for peck and bushel prices.

Alfalfa, or Lucerne

Our Alfalfa, Nebraska Dry Land Grown

The great bulk of American seed is grown under irrigation and does not possess that vitality in adjusting itself to normal conditions that seed does where grown under natural conditions. We purchase all our seed direct from the growers in Central Nebraska, and know what we are getting; therefore you can rely upon seed that you get from us being grown under natural conditions and of the best quality than can be produced.

PRICE: Lb., 45c; 3 lbs., \$1.25; postpaid. See enclosed pink price list for peck and bushel prices.

Bags and Packing are always Free.

Grass Seed—Hardy Northern Grown

Timothy Is so well known that it needs hardly any description. There is scarcely a variety of natural or tame grass that is so generally cultivated as this. It is suited to moist, rich land, where it grows to perfection and yields under favorable circumstances large crops of hay. If cut at flowering time, it makes splendid nutritious hay; for pasture it cannot be recommended, as almost every farmer knows; close pasturing is injurious to it. When sown with red clover or Alsike clover it makes a splendid mixture, and where it is about half and half the timothy yields fully as much as it alone, and you have the clover crop extra. One feeds off the soil and the other the air; the clover greatly enriching the land. For this reason we have added timothy to all of our clover mixtures, where circumstances will allow.

PRICE: Lb., 25c; 3 lbs., 60c; postpaid. See enclosed pink price list for peck and bushel prices.

Timothy and Alsike Clover Mixture

This is a better combination for either pasture or meadow than Medium Red Clover and Timothy, as they will flower and ripen at the same time. Alsike Clover can be sown to good advantage on moist soil and will make a much finer hay than this, being free from fuzz and rust, and will not cause the horses to cough.

The seed that we offer has been raised together, and being both of the same size, they cannot be separated, so that we have to sell it at a reduced price. The seed contains about a third Alsike Clover and the balance timothy, or is as near in that proportion as we can tell, which is just the proper proportion for sowing. It should be sown at the rate of ten pounds per acre. **PRICE:** Lb., 50c; 3 lbs., \$1.35; postpaid. See enclosed pink price list for bulk prices.

Rye Grass It is found to flourish on all kinds of soil, and does well on upland, though rich and moist soils are the most appropriate. It arrives at perfection and produces in its first year of growth; has a greater supply of early herbage, which is much liked by cattle. Cut for hay immediately after blossom.

PRICE: Lb., 40c; 3 lbs., \$1.00; postpaid. See enclosed pink price list for bulk prices.

Tall Meadow Oat Grass For either hay or permanent pasture a most valuable grass, which can be successfully grown in all parts of the country. It will not winter-kill, but will live and endure our cold northern winters, and can also be grown in parts of the country where it is very hot and dry. This variety starts early in spring and is very valuable pasture grass on this account. It is seldom sown by itself, but mostly with other varieties, as with our Clover Grass Mixture, where it gives the best results.

PRICE: Lb., 50c; 3 lbs., \$1.35; postpaid. See enclosed pink price list for bulk prices.

Red Top A hardy, native perennial grass, succeeding best on moist land. It accommodates itself to a variety of soils, however, even to quite dry situations, and stands hot climates admirably. It is the most permanent grass we have. It remains green for the greater part of the year. Sown largely in marshy land and sloughs in the West. In the East it is one of their principal sorts. Fancy cleaned seed. **PRICE:** Lb., 40c; 3 lbs., \$1.00; postpaid. See enclosed pink price list for bulk prices.

Bromus Inermis Bromus Inermis is a vigorous, hardy perennial, with strong creeping root stocks, smooth, upright, leafy stems, 1 to 4 feet high, and loose open panicles, or "seed heads," 4 to 8 inches long. It withstands extremes of heat, drought, and cold, better than any other cultivated grasses, and in a few years forms a very tough sod, crowding out every other growth.

PRICE: Lb., 40c; 3 lbs., \$1.10; postpaid. See enclosed pink price list for quantity prices.

See Pink Price List for VETCHES, SUNFLOWER SEED, COTTON, FLAX, or any other seed not listed in catalog.

Johnson Grass As a meadow or hay grass this variety is highly esteemed in the South, where, during the hottest and driest seasons it can be relied upon to yield heavily. Its value, as shown by chemical analysis, is better than timothy hay. When cut at time recommended there is no possibility of introducing this grass where it is not wanted. We only advise in the sowing of Johnson Grass where it is desired to remain as permanent meadow. Should be sown August to October, or in spring, at the rate of one bushel per acre.

PRICE: Lb., 60c; 3 lbs., \$1.50; postpaid. See enclosed pink price list for bulk prices.

Kentucky Blue Grass Our "JEFFERSON BRAND" KENTUCKY BLUE GRASS. We pride ourselves on this extra choice grade, which is of such unusual purity and high germination that it is of special value for lawns.

PRICE: Lb., 60c; 3 lbs., \$1.50; postpaid. See enclosed pink price list for bulk prices.

Lawn Seed Grass A smooth, velvety lawn surrounding a house adds not only to the value, but enhances the enjoyment of every home. The most important thing to consider in selecting seed for a lawn is to obtain a proper mixture of several varieties. By properly choosing early, medium and late grasses a smooth, even green lawn is assured from early spring to late autumn. A given area can support only so many grass plants of one kind, for they all absorb the same kind of food, but if several varieties are sown the same area will support many more plants, as different sorts live on various elements in the soil. With these facts in mind our JEFFERSON BRAND LAWN GRASS is scientifically mixed and combined. Our experience of many years has given us intimate knowledge of grasses, their habits and requirements.

PRICE: Lb., 60c; 3 lbs., \$1.50; postpaid. See enclosed pink price list for bulk prices.

Orchard Grass A valuable grass for pasture or hay land, and on account of its earliness very valuable for permanent pastures. It furnishes the first green bite in the spring and the last in the fall, and is quick to recover from close cropping, and even thrives better the more it is cropped. Suited to shady places, orchards and groves. Sow fifteen pounds per acre.

PRICE: Lb., 50c; 3 lbs., \$1.35; postpaid. See enclosed pink price list for bulk prices.

Bermuda Grass This is a perennial grass of creeping habit, very valuable for the southern states, as it withstands drought better than any other variety. It has long, creeping stems which root at the joints and cover the ground with strong matting of fine turf. It is a splendid pasture grass, furnishing excellent summer pasture when most other grasses are burned out. Grazing and trampling of stock does not impair it. It is also much used for lawns in the South, as it stays green all summer. It is of no value for the northern states, as it freezes out farther north than southern Kansas, Missouri and Illinois. It does well on any kind of soil, thrives on the poorest and sandiest soils. The seed is sown in spring at the rate of 3 to 5 lbs. per acre.

PRICE: Lb., 75c; 3 lbs., \$2.00; postpaid. See enclosed pink price list for bulk prices.

Meadow Fescue or English Blue Grass

Especially suited for permanent pasture and is also fine for hay. Grows two to three feet high but not in tufts like Orchard Grass. The hay is very nutritious and cattle thrive on it whether it is dry or green. Succeeds even in poor soil, and as the roots penetrate deep, from 12 to 15 inches, it takes extremely dry weather to affect it. As a fertilizer it has valuable properties. It will endure severe freezing and its use is becoming more widespread each year. 24 lbs. are sown to the acre.

PRICE: Lb., 40c; 3 lbs., \$1.10; postpaid. See enclosed pink price list for quantity prices.

Flowers

American Branching Aster This Aster is a strong grower, 2 to 2½ feet high, and its tendency to form numerous branches is very marked. The flowers are borne on very long stems and are four inches and more in diameter. The petals are broad, long and many of them more or less twisted or curled in such a manner as to give the blooms the appearance of large, loose and graceful *Chrysanthemums*. Unexcelled for cutting.

White. Lavender. Purple.
Pink. Crimson. Mixed.

PRICE: Any color, large packet, 10c; 3 packets, 25c.

Queen of the Market Aster Very early. Of rare beauty, dwarf and branching in habit, with large flowers of various colors. Its chief merit is its earliness—three weeks ahead of other Asters, except our Early June. The flowers are of good size, double and are borne on long stems, making them valuable for cut flowers. Plants grow about 12 inches high.

White. Light Blue. Dark Blue.
Pink. Mixed. Lavender.
Crimson.

PRICE: Any color, large packet, 5c; ½ oz., 60c.

Antirrhinum (Snapdragon) (Hardy Annual.) Antirrhinums, in recent years, have become very popular; they are very satisfactory for borders, bedding, pot culture for house decoration and are largely forced during the winter for cut flowers. The healthy, robust plants are free and continuous blooming with their long spikes of various colored flowers. In the Southern states, they are hardy, but in the North they are best treated as annuals. Easily grown from seed; from spring-sown seeds, flowered plants may be had in July, which continue to bloom profusely until frost.

PRICE: Large packet, 5c; 6 packets, 25c.

Alyssum, Sweet Excellent for borders and the flowers are fine for bouquets. Flowers are white, very fragrant and produced abundantly through the summer and until after severe frosts. Hardy annual. Height one foot.

PRICE: Large packet, 5c; oz., 40c.

Ageratum Valuable plant for large beds or borders, and very useful where cut flowers are in demand; in bloom the whole summer. Also good for winter blooming in pots; succeeding in any soil. Indispensable for bouquets. Hardy annuals.

PRICE: Large packet, 5c; 6 packets, 25c.

Bachelor's Button It is a beauty, a great favorite in all parts of the old country. An unique little plant, forming a dense mass of foliage, over which are borne hundreds of lovely blue blossoms, beautifully fringed and serrated. Hardy annuals; two to three feet high.

PRICE: Large packet, 5c; 6 packets, 25c.

Chrysanthemums (Early Annual.) The glorious and showy autumn blooming *Chrysanthemum*, which are now so much admired and cultivated, have their relatives among the summer annuals which are easily raised from seed. The plants can be raised by sowing the seed early in the house or frame and planting them out when the weather is favorable, or the seeds can be grown in an open seed bed, or where the plants are to stand, provided the plants are thinned out to 8 to 12 inches apart. A little shade, or shade in the after part of the day is desirable for them—a border on the east or northeast side of the house would be desirable. Pinch them back until July 15th to make them grow branching and full.

PRICE: Large packet, 10c; 3 packets, 25c.

Candytuft Candytufts are among our best plants for edging, bedding and cutting. They are hardy annuals, bearing profusely of large spikes of flowers during the season. Sown outdoors in April, the plants will bloom in July; they are also sown in the autumn and will then bloom early in spring before many other flowers are visible. 12 inches high.

PRICE: Large packet, 5c; 6 packets, 25c.

Carnations (Marguerite Carnations.) Annual. These are deservedly the most popular Carnations with the amateur, as they begin flowering in a few weeks from time of sowing. The strain offered is of extra fine quality, producing on long, strong stems an abundance of large, double; beautifully fringed, highly scented flowers. With slight protection they will survive an ordinary winter and bloom freely the following spring.

PRICE: Large packet, 10c; 3 packets, 25c.

Cockscomb Very attractive annuals; free flowering, and do well in ordinary garden beds or borders. The crested heads of flowers resemble a cock's comb. The plumed heads are like great feathers. The colors are varied, but the scarlet and crimson shades are the most beautiful and rich. Sow the seed directly in the garden or start early and transplant. Make fine pot plants.

PRICE: Large packet, 5c; 6 packets, 25c.

Cypress Vine and Cardinal Climber

These beautiful twining annual climbers are not as much grown as they deserve. Seed started in pots early in the house or hotbed, and seedlings set out in the garden after danger of frost, will make plants 20 feet high and be completely covered for three months or more with beautiful star-shaped tubular flowers borne in clusters that contrast effectively against the feathery, fern-like, bright-green foliage. Sown in the open ground they will of course commence flowering earlier. In the latter event the hard shelled seeds should be soaked in hot water.

PRICE: Large packet, 5c; 6 packets, 25c; oz., 60c.

Balsam (Lady's Slipper) (Hardy Annual) An old favorite, quick growing annual, producing large, brilliantly colored flowers. Blooms are borne along the stem, among the leaves; frequently whole upper part of the plant is a mass of color. Height 10 to 30 inches. The Lady's Slipper is of easiest culture, and succeeds in any rich soil. It is well to sow the seeds thickly, in a temporary row, and then transplant to permanent quarters.

PRICE: Large packet, 5c; 6 packets, 25c.

Daisies—Arctotis (African Daisy)

ARCTOTIS (African Daisy)

GRANDIS—Annual. A remarkably handsome annual from Africa. It forms much branched bushes 2 to 3 feet high; its flowers are large and showy, being pure white on the upper surface, the reverse of the petals pale lilac-blue. It is easily grown from seed, and may be started in hotbed, in the house in March and April, or in the open ground in May, the seed germinating in about five days and the plants may be expected to come into bloom early in July and continue until quite hard frost; being one of the rare flowers not injured by light frosts, and will be a mass of bloom long after the more tender flowers of the garden have passed away. It delights in a sunny situation.

PRICE: Large packet, 10c; 3 packets, 25c.

Mignonette (Roseda Odorato.) This fragrant little plant is probably the most popular annual grown. If the plants are thinned out they will grow stronger and produce larger spikes of flowers.

PRICE: Large packet, 5c; oz., 25c.

Pansies

Our pansy seeds are grown exclusively for us from the most noted seed, and we know they cannot fail to give the most unbounded satisfaction to amateur and professional grower alike. Sow in the house, hot-bed or greenhouse; or as soon as the weather permits, the seed may be sown directly in the garden beds. Pansies thrive best in a rich soil, and cool, moist situation; they do splendidly in partially shaded places. They do not do well under trees, but in some locations where the sun strikes only a part of each day, satisfactory results can be obtained. Seed sown from July to September, and the young plants transplanted into cold frames for the winter, will bloom grandly very early the following spring.

GIANT FLOWERING PANSIES—A distinct class. Plants vigorous and compact. The flowers are thrown well above the foliage and many of them are marked with large blotches. They are of enormous dimensions, some specimens grown on our grounds measuring over three inches in diameter. We offer the following separate colors.

GIANT WHITE—Very large, well-formed flowers, with dark purple eye.

PRICE: Packet, 10c; 3 packets, 25c.

GIANT PALE BLUE—Gigantic blooms of a very delicate mauve-blue shade with paler centers, freely produced on compact plants.

PRICE: Packet, 10c; 3 packets, 25c.

GIANT PURPLE—Large, handsome flowers of a rich purple color, which contrast effectively with Giant White. Comes very true from seed.

PRICE: Packet, 10c; 3 packets, 25c.

GIANT YELLOW—Immense flowers, brilliant in color and of excellent form.

PRICE: Packet, 10c; 3 packets, 25c.

GIANT BRONZE—A favorite and attractive coloring of bronze shades, all toning together. The flowers are of the largest size and of handsome form.

PRICE: Packet, 10c; 3 packets, 25c.

GIANT BLACK—Large, well-formed, glossy black flowers. The plants are compact and bloom for a long time.

PRICE: Packet, 10c; 3 packets, 25c.

Giant Spencer Sweet Peas

Sweet peas are probably the most popular flower in America. They are loved by everyone, both for their beautiful coloring and delightful fragrance. They will grow anywhere you can raise common garden peas. To secure beautiful blossoms, manure liberally or fertilize with bone-meal, trench deeply, plant thinly, stake early and water freely.

THE GIANT SPENCER OR ORCHID FLOWERED SWEET PEAS are the new large petaled wavy type of extraordinary size, a large percentage of these bearing four immense blossoms to the stem. They are the best in size, color, fragrance and abundance of bloom, representing the highest achievement in Sweet Peas.

New Spencer Varieties

Henrietta Newest and finest sort introduced to date. The color is a beautiful rose-pink on cream ground. Flowers are of truly enormous size and well frilled; they look more like little pink roses than Sweet Peas. A few sprays together make a nice bouquet; for a dainty table decoration it is unsurpassed.

PRICE: Large packet, 10c; oz., 35c; ¼ lb., \$1.00.

Fiery Cross Has all the appearance of live fire, the color being a bright fire-red, or scarlet, without any shading and which scintillates and glitters in bright sunlight. The beautifully waved and fluted flowers are borne freely in threes and fours, well

PRICE: Large packet, 10c; oz., 35c; ¼ lb., \$1.00.

Royal Purple Large, wavy flowers of a rich, royal purple, which is retained throughout the life of the flower, and at no time does the objectionable blue-purple color show up.

PRICE: Large packet, 10c; oz., 35c; ¼ lb., \$1.00.

Margaret Atlee The flower is a rosy, salmon-pink, on a creamy buff ground. A rich, soft color and extremely attractive. Large and wavy and runs almost uniformly four blossoms to the stem.

PRICE: Large packet, 10c; oz., 35c; ¼ lb., \$1.00.

King White The grandest of all White Sweet Peas and of the most up-to-date Spencer form. It is manifestly the largest of the White Spencers. The stems are long and stout and bear practically always four blossoms.

PRICE: Large packet, 10c; oz., 35c; ¼ lb., \$1.00.

Salvia, Flowering Sage The Salvia is now a standard bedding plant, its long spikes of flowers, borne in great profusion, keeping the garden bright with color from July until frost. A half-hardy perennial, blooming the first year from seed, which should be sown in March or April in a hot-bed or indoors and the young plants set out in the garden as soon as the weather has become settled and warm.

Splendens, Scarlet Sage Beautiful, large, bright scarlet flowers. Profuse and long season bloomers.

PRICE: Large packet, 10c; 3 packets, 25c.

Nasturtium One of our showiest and most popular annuals, forming compact plants, making gorgeous masses of rich colored and brilliant flowers.

DWARF: Large packet, 5c; oz., 25c.

TALL: Large packet, 5c; 6 packets, 25c; oz., 35c.

Portulaca In brilliancy and beauty of colors Portulacas are unrivaled. They delight in sunny situations and light soils, where they rapidly carpet the ground.

PRICE: Large packet, 5c; 6 packets, 25c; Single or Double.

Poppies Probably no class of plants enjoys greater popularity and is more widely grown than Poppies. The wonderful range of color of their delicate, gracefully borne flowers is well known. The poppies are quite hardy and the seed should be sown as early in the spring as possible, where the plants are to remain.

PRICE: Large packet, 5c; oz., 40c.

Heliotrope A well known, profuse flowering and deliciously fragrant plant that everyone loves. Splendid for bedding or pot culture. Can be easily raised from seed, but should be started early in the house. Half-hardy perennial.

PRICE: Large packet, 5c; 6 packets, 25c.

Sweet William (Finest Mixed) Hardy plants about one foot high, of extreme richness and variety of color, and also deliciously sweet-scented. Our mixture is of the large flowered strain, and contains many bright and beautiful colors and markings.

PRICE: Large packet, 5c; 6 packets, 25c.

Ice Plant Pretty summer annual trailer for vases and rock-work; leaves covered with ice-like drops. Much used in Europe for garnishing; half foot.

PRICE: Large packet, 5c; 6 packets, 25c.

Marigold (Tagetes). A free flowering plant of easy culture with double flowers of rich and beautiful colors, producing a splendid effect, whether planted in beds or borders, and continuing in beauty until destroyed by frost. Half-hardy annuals.

PRICE: Large packet, 5c; oz., 40c.

Morning Glories (Fine Mixed). A mixture of the old varieties.

PRICE: Large packet, 5c; oz., 25c.

Petunias Indispensable flowering plants for both garden and pot culture, flowering continuously. They flower in a few weeks' time from seed. Height, about one foot.

PRICE: Large packet, 5c; 6 packets, 25c.

CASH DISCOUNT ON FLOWER SEEDS IN PACKETS, 50c WORTH FOR 40c; \$1.00 WORTH FOR 75c; \$2.00 WORTH FOR \$1.50.

We have many varieties of flowers not listed here on account of lack of space. If you do not see what you want, include it in your order anyway.

Jefferson's "Big Eight" 1921 Collection
One Large Package of Each of These "Big Eight"
Luscious Vegetables for 40c Postpaid



FORDHOOK BUSH LIMA BEANS
 Large pods filled with extra large delicious beans
 Large pkt. 10c, ½ lb., 35c, 1 lb. 60c.
 Postpaid



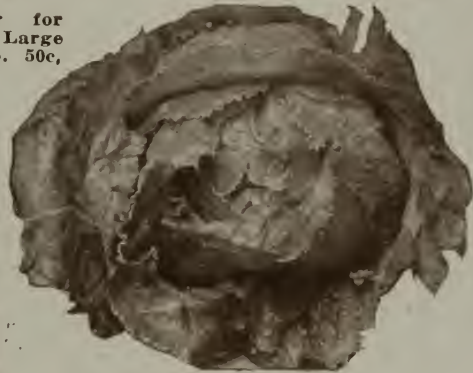
JEFFERSON'S NEW SWISS CHARD
 Silver Ribbed, better for greens than Spinach. Large pkt. 5c, Oz. 20c, ¼ lb. 50c, lb. \$1.75. Postpaid.



COUNTRY GENTLEMAN SWEET CORN
 The old time "Shoe Peg". Extremely sweet and delicious
 Large pkt. 5c, ¼ lb. 15c, ½ lb. 25c, 1 lb. 40c. Postpaid



EARLY BLOOD TURNIP BEET
 The earliest and Best Beet Ever Grown
 Large pkt. 5c, oz. 20c, ¼ lb., 50c, 1 lb., \$1.50 Postpaid.



IMPROVED HANSON HEAD LETTUCE
 The most reliable, sure-heading sort. Leaves large and broad, crisp and Sweet. Large pkt. 5c, oz. 20c, ¼ lb. 50c, 1 lb. \$1.50. Postpaid.



LITTLE RED WONDER RADISH
 The earliest scarlet turnip radish.
 Large pkt. 5c, Oz. 20c, ¼ lb. 50c, ½ lb., 90c, 1 lb., \$1.50 Postpaid



CHANTENAY CARROT
 Most desirable early variety for bunching. Large pkt., 5c, Oz. 20c, ¼ lb., 50c, 1 lb. \$1.50. Postpaid.



"NEW PARDE" TOMATO
 The largest early Tomato ever introduced. Regular shape, solid, meaty flesh. Large pkt. 10c, Oz. 50c, ¼ lb. \$1.50, ½ lb. \$2.75, 1 lb. \$5.00. Postpaid.

IOWA SEED CORN

Grown by the World's Largest Corn Growers



Diamond Joe's Big Early White

LARGEST EARED, BIGGEST
YIELDING, EARLIEST
MATURING VARIETY OF
WHITE CORN IN EXISTENCE

PECK \$1.75 - 1/2 BUSHEL \$3.00
BUSHEL \$5.00

JEFFERSON



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