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Springfield Seed Co.

6247
Spring Catalog, 1911



Kentucky Cardinal Tomato
Pkt., 5c.; Oz., 20c.

SPRINGFIELD SEED CO.

CORNER CAMPBELL AND WALNUT STREETS.

SPRINGFIELD, MO.

ANALYZED AND TESTED SEEDS

SEEDS OF QUALITY

It is with pleasure that we present you with our 1911 CATALOG OF GARDEN, FIELD AND FLOWER SEEDS.

It is a thoroughly established fact that the Gardener, Farmer and Private Grower want only the best seeds. It is our constant aim to make highest quality the first consideration, and then to make our prices as low as good, pure honest seed can be sold for.

It has been our steadfast policy to keep pace with progress and to take advantage of every circumstance that would widen our field of operation and usefulness. Our perfect shipping and unloading facilities, together with our buying opportunities, places us in a position to supply your requirements, as accurately and speedily as it is possible for discipline and modern machinery to act. Our almost perfect recleaning machinery of the very latest and most improved pattern, for the thorough cleaning of seed at a minimum cost, enables us to put seeds in the very best possible condition for the market. The first consideration is quality. The immense quantity that we handle, and our economical facilities, enable us to make very close prices. Our many customers, located in almost every State in the Union, are numbered by the thousands. We employ a large force, who are experts in their particular line of work, and issue a number of Special Catalogs. If you are interested in any particular variety, or want information about seeds, write us. We have large greenhouses, where we thoroughly test our stock. We are taking this opportunity to thank our friends for their liberal patronage, which has enabled us to build up one of the largest and most complete seed establishments in the West.

Our improved facilities for testing and cleaning seeds are better than heretofore. We are now even more determined than ever to give each of our customers such complete satisfaction that we shall secure their entire trade and retain it from year to year.

It has always been our rule to try to please every customer, no matter how small the purchase, and if at any time there is any dissatisfaction or misunderstanding, we would like for you to tell us your troubles. Be frank for our mutual benefit.

If you should receive an extra copy, be kind enough to hand it to some neighbor interested in seeds. We will be glad to send a copy free to any of your friends likely to want seeds.

We are Southwestern Agents for A. I. Root's Bee Supplies. We are also Distributing Agents in this territory for Cyphers' Incubators, Brooders and Poultry Supplies. Write for special catalogs.

For \$1.00 we will send to your address prepaid ANY 20 PACKETS SEEDS Listed in Entire Catalog.

For Club Orders of \$5.00, we offer a Premium of \$1.50 in Seeds put up in Packets or Ounces, either Vegetable or Flower.

We guarantee the safe arrival of all goods, and if any shipment should fail to reach you in due time, please notify us and we will trace, and if lost, refill your order free of charge.

FIELD AND GRASS SEEDS.

We are issuing a Wholesale Price Card of Field and Grass Seeds, Onion Sets, Seed Potatoes, Etc. These cards we mail regularly to Merchants only.

We keep you posted on the Field and Grass Seed Market. We will give you prompt service, and save you freight. Merchants not receiving our Wholesale Price Card are requested to write for same.

Prices of Grass and Clover Seeds, Seed Grain, Seed Potatoes, and other Seeds are constantly fluctuating, and for this reason prices in a great many instances are not quoted. It will be a pleasure to us to quote prices at any time, and all orders entrusted to us will be filled at the lowest market price on date that order is received.

TERMS.

Terms Cash with order, or C. O. D. at customer's expense. Inasmuch as prices follow description of the various varieties of seed, we would suggest that return charges on C. O. D. order would be an unnecessary expense, but in the event that our customers desire them sent in that way we will be glad to do so.

CHANGE OF ADDRESS

If you have changed or intend to change your address, please let us know, and we will change it on our books, so that you will receive our Seed Catalog at your new post office.

ALWAYS USE THE ORDER BLANK

and envelope sent with the Catalog when possible. Write plainly, keep a copy of your order and be sure to sign your name, postoffice, county and state every time you write to us. Extra envelopes and order blanks are sent on application. If you have a rural mail delivery, be sure to give the number of your route when ordering.

DISCLAIMER ADOPTED BY THE AMERICAN SEED TRADE ASSOCIATION

Springfield Seed Company gives no warranty, expressed or implied, as to description, quality, productiveness or any other matter of any Seeds, Bulbs or Plants it sends out, and will not be in any way responsible for the crop.

If the purchaser does not accept the goods on these terms, they are at once to be returned.

SPRINGFIELD SEED COMPANY,

NEW, CHOICE VEGETABLE SEEDS

We aim to give our customers nothing but the very best strains on the market, and use every possible precaution with our growers and in handling our SEED stocks after they reach our hands. We have builded a large trade with critical Market Gardeners, which makes it very evident that the quality is there.

Our phenomenal success for the past fifteen years convinces beyond a doubt that quality counts; that we furnish the SEEDS that "produce the goods." Once a customer, always a customer.

We have an expert in charge of our Greenhouses (over 25,000 square feet of glass) and trial grounds, where we test SEED and give them a thorough investigation before sending out to our thousands of customers.

Descriptive Price Lists of Standard Varieties of Garden Seeds with Directions for Cultivation and Time for Planting follows:



ASPARAGUS

CULTURE—One ounce will sow 40 feet of drill, one pound to the acre. Soak the seed 24 hours in tepid water. Sow early in the spring in rows a foot apart. Keep clean by frequent weeding and hoeing.

CONOVER'S COLOSSAL—A mammoth sort, frequently sending up 15 to 30 sprouts from 1 to 1½ inches in diameter from a single plant; and spreading less than most sorts. Color deep green; quality good. Pkt., 5c.; Oz., 10c.; ¼ lb., 15c.; postpaid.

PALMETTO—This variety is earlier than others, a better yielder, more even and regular in growth, and is fast becoming the favorite sort everywhere. Pkt., 5c.; Oz., 10c.; ¼ lb., 25c.; postpaid.

BARR'S MAMMOTH—The stalks are very large, frequently one inch in diameter, with few scales; the stalks retain their thickness completely up to the top of the shoots, and have close, round heads. Pkt., 5c.; Oz., 10c.; ¼ lb., 20c., postpaid.

COLUMBIAN MAMMOTH WHITE—Gives immense yield of clean white stalks. A most distinct and valuable variety. The shoots remain white, without earthing or artificial blanching, as long as fit for use, and it can be depended upon to give 80 to 90 per cent of white plants from seed. Pkt., 5c.; Oz., 10c.; ¼ lb., 25c.; postpaid.

ASPARAGUS ROOTS—Strong two year old roots, 75c per hundred. \$6.00 per thousand.

DWARF SNAP, or BUSH BEANS

CULTURE—For the best crops, beans require good rich soil and frequent hoeing. The seed should not be planted until the soil becomes well warmed and all

danger of frost is over. Spade or plow deeply, and plant in rows two feet apart, scattering the seed about three inches apart in rows and cover two inches deep. Hoe frequently but never when the foliage is damp. Hoeing should be done shallow, so that the roots are not injured. One quart will plant 100 feet of drill. 1 to 1½ bushels to acre.

For prices on peck, half bushel and bushel lots of Peas, Beans, Corn, etc., market gardeners, truckers and large planters will please write for our wholesale price list.

On all Beans to go by mail add 8c per pint and 15c per quart for postage.

Best Green Podded Bean Ever Offered

The Bonny Ozark Stringless

A bunch or dwarf green-podded variety, combining the good qualities of Red Valentine, Burpees, Yellow Six Weeks and Bountiful and we do not hesitate to pronounce this bean the peer of any green podded dwarf bean you have ever grown. It has a flavor distinct and pleasant. A week earlier than Valentine; absolutely without strings; finer grained and thinner skinned than Burpees—larger than any other variety in its class; tender, brittle and a perfect snap bean in every respect. Pkt., postpaid 10c.; Pt., 20c.; Qt., 35c.; not postpaid.

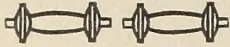


Palmetto

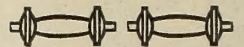


Bonny Ozark Stringless.

WRITE US FOR SPECIAL PRICES



BEANS



Dwarf Green Pods. Packets Only Postpaid.

BURPEE'S STRINGLESS GREEN POD—This is a strong grower, produces immense loads of pods; as early as any bean in existence. It is not only an excellent Bean for market, but is also one of the very best for the home table. Pods long, straight, round, very fleshy, entirely stringless, and of the finest quality. It is earlier than Extra Early Red Valentine. Pkt., 5c.; pt., 15c.; qt., 30c.

GIANT STRINGLESS GREEN POD—The Valentine Bean has long been one of the most popular with market gardeners. This distinct cross-breed variety possesses all the merits of the old favorite, which is one of its parents, and, in addition, is ready for market with a more prolific crop of pods a week earlier. The pods are one-third larger. Absolutely stringless. Pkt., postpaid, 5c.; pt., 15c.; qt., 30c., not prepaid.

IMPROVED EARLY RED VALENTINE—A select strain of Red Valentine, ripening uniformly and producing enormously; pods tender and succulent; the most profitable sort for the gardener; ready to pick in 85 days. Pkt., prepaid, 5c.; pt., 15c.; qt., 30c.; not postpaid.

BOUNTIFUL—A new green-pod Bush Bean, which comes into bearing very early and continues almost throughout the season. Pods beautiful rich green, very thick, broad, long and uniform; meaty, tender, fine quality; absolutely stringless; good shell bean for winter use. A splendid market variety. Pkt., postpaid, 5c.; pt., 15c.; qt., 30c.; not prepaid.

LONGFELLOW—This Bean has long green pods, is exceedingly prolific, always solid, of delicious flavor, is tender and remarkably early. It matures its crop very regularly and withstands adverse conditions well. A good Bean for market or home use. Pkt., postpaid, 5c.; pt., 15c.; qt., 30c.; not prepaid.

BLACK VALENTINE—This excellent variety is a great improvement over the popular Early Red Valentine, being one-third longer than that variety, pods perfectly round and straight and of excellent quality. Is suitable both for early and late planting. Being extremely hardy. It will withstand early and late frosts which kill other varieties. Pkt., postpaid, 10c.; pt., 20c.; qt., 35c.; not prepaid.

LONG YELLOW SIX WEEKS—Early and very productive. Pods long flat and good quality. Pkt., postpaid, 5c.; pt., 15c.; qt., 30c.; not prepaid.

ROUND SIX WEEKS—Pods shorter and thicker than the Long Six Weeks, and of superior quality. Pkt., postpaid, 5c.; pt., 15c.; qt., 30c.; not prepaid.

BEST OF ALL—Early and entirely stringless, pods round and very productive. Pkt., postpaid, 5c.; pt., 15c.; qt., 30c.; not prepaid.

EARLY MOHAWK—Yields heavy and especially adapted to poor lands. Long flat straight pods. Very hardy. Pkt., postpaid, 5c.; pt., 15c.; qt., 30c.; not prepaid.

REFUGE OR THOUSAND TO ONE—Round pod, very productive and tender. Valuable for pickling. Medium early. Pkt., postpaid, 5c.; pt., 15c.; qt., 30c.; not prepaid.

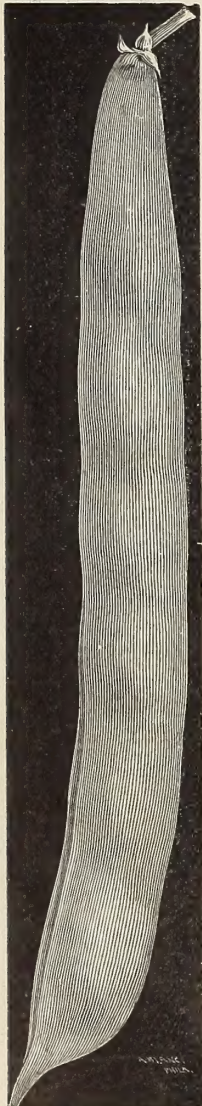
DWARF HORTICULTURAL—Late and productive. Pods of good size tender and fine flavor. When nearly developed are freely splashed with bright red on the yellow skin. Excellent for soup or baking during winter. Pkt., postpaid, 5c.; pt., 15c.; qt., 30c.; not prepaid.

LARGE RED KIDNEY—Very prolific, nothing better in shelled Bean. Pkt., postpaid, 5c.; pt., 15c.; qt., 30c.; not prepaid.

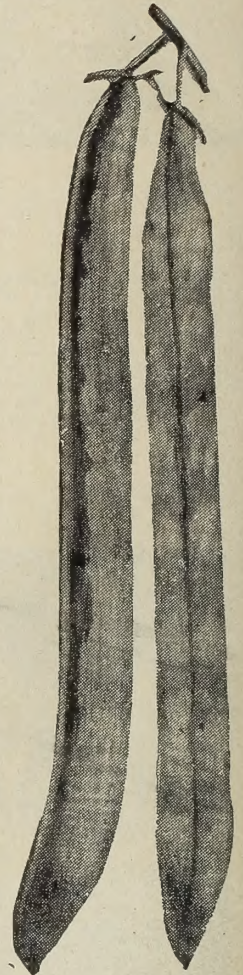
DWARF WHITE NAVY—Sure cropper. Beans small, oval white and of superior quality. Pkt., postpaid, 5c.; pt., 10c.; qt., 15c.; not prepaid.

WHITE KIDNEY OR ROYAL DWARF—Superior for baking, also excellent when shelled green. Pkt., postpaid, 5c.; pt., 15c.; qt., 30c.; not prepaid.

We pay postage on packets. Add 8 cts to pint prices and 15 cts to quart prices to include postage, or if larger quantities are desired, they will be sent by express or freight, by paying shipping charges there.



Wardwell's Kidney Wax



Bountiful

DWARF OR BUSH BEANS

Wax, Yellow Podded. Only Packets Postpaid.

DAVIS WHITE WAX—A variety introduced in 1897. It is adapted alike for the canner, market gardener, shipper or amateur. The dry bean is large, kidney shaped and white in color, making it one of the best for cooking in the dry state. The pods are long meaty stringless, and of a beautiful yellow color. It stands shipping better than any other, and is one of the best of the wax podded varieties. Pkt., postpaid, 5c.; pt., 15c.; qt., 30c.; not postpaid.

PENCIL POD BLACK WAX—Pencil Pod Black Wax grows a taller, stronger and more vigorous bush than the Improved Prolific Black Wax, which is one of its parents. The other parent is the Round Pod Refugee or Thousand to One, and from this latter source the Pencil Pod Black Wax gets much of its vigor, hardiness and productiveness and its long, slender, straight, handsome pod, shaped very much like a pencil. Pkt., postpaid, 5c.; pt., 15c.; qt., 30c.; not postpaid.

Wardwell's Kidney Wax Bean—Hardy and productive, pods long, broad, flat, and of a delicate waxy yellow, brittle and entirely stringless. The yield considerably exceeds that of the common Golden Wax, and is equally as early. Pkt., postpaid, 5c.; pt., 15c.; qt., 30c.; not postpaid.

GERMAN BLACK WAX—The old standard Black Wax Bush Bean. It is so good that it is worthy of special notice. The pods are round, brittle, of handsome golden yellow color, and of buttery flavor when cooked. Do not forget the old meritorious kind when looking over the list, and include this in your orders. Pkt., postpaid, 5c.; pt., 15c.; qt., 30c.; not postpaid.

IMPROVED GOLDEN WAX—Hardy and prolific fine quality. Very popular. Pkt., postpaid, 5c.; pt., 15c.; qt., 30c.; not prepaid.

CHALLENGE BLACK WAX—Extra early. Round pods; flavor excellent. Not apt to rust. Pkt., postpaid, 5c.; pt., 15c.; qt., 30c.; not prepaid.

CURRIES' RUST-PROOF WAX—Pod long, flat and straight. Prolific and rust-proof. Pkt., postpaid, 5c.; pt., 15c.; qt., 30c.; not prepaid.

VALENTINE WAX—Our experience has proved this bean to be remarkably early. The pods are thick and fleshy, but with very little string, the plant is vigorous and productive, and it is a popular sort wherever known. Pkt., postpaid, 5c.; pt., 15c.; qt., 30c.; not postpaid.

POLE OR CORNFIELD BEANS. Only Packets Postpaid.



Kentucky Wonder.

SPECKLED WONDER—Pod light green, round and long. Resembles the Kentucky Wonder, but has many superior qualities. It is larger and more prolific, bears when scarcely higher than the average bush variety and produces continuously until frost. Pods are so fleshy that they are frequently greater in width than breadth. Absolutely stringless. Excellent for snap, canning or shell bean. Pkt., 10c.; Pt., 25c.; Qt., 40c.; not prepaid.

OCTOBER—This is exclusively a Missouri variety, originating with our oldest settlers, is a thrifty pole or cornfield bean and bears in great profusion. Pods long, rough and succulent. Beans large, also excellent as a shelled bean. Withstands drouth and is rarely affected by rust. Pkt., postpaid, 5c.; Pt., 20c.; Qt., 35c.; not postpaid.

KENTUCKY WONDER, OR OLD HOMESTEAD—Early and productive. Pods grow in large clusters and are very rich and tender, almost round, and sometimes nine or ten inches long. Excellent for snap beans. Pkt., postpaid, 5c.; Pt., 15c.; Qt., 30c.; not postpaid.

LAZY WIFE—A late bean that is unsurpassed for use. Pods long, broad and thick, easy to gather; stringless; rich and lustrous when cooked. Pkt., 5c.; Pt., 20c.; Qt., 35c.; not postpaid.

GOLDEN CARMINE—Pods are large, stringless and bright golden color when young. When pods mature they become mottled and streaked with bright carmine color on the golden pods, which gives them a strikingly beautiful appearance. Pkt., postpaid, 10c.; Pt., 20c.; Qt., 35c.; not postpaid.

HORTICULTURAL—Showy and excellent as a snap or shell bean or for cooking dry. Pkt., postpaid, 5c.; Pt., 15c.; Qt., 30c.; not postpaid.

RED SPECKLED CUTSHORT—An excellent variety and particularly valuable for planting among corn. Vines medium, pods short, round, tender, succulent. Good green or dry. A wonder yielder. Pkt., postpaid, 5c.; Pt., 15c.; Qt., 30c.; not postpaid.

DUTCH CASEKNIFE—Very early, pods long and flat, beans pure white and of excellent quality, used either green or dry. Pkt., postpaid, 5c.; Pt., 15c.; Qt., 30c.; not postpaid.

SOUTHERN PROLIFIC—Used either as a pole or cornfield bean. Will bear till frost. Pkt., postpaid, 5c.; Pt., 15c.; Qt., 30c.; not postpaid.

WHITE CREASEBACK, OR FAT HORSE—Very long, large and absolutely stringless, beans growing in clusters. Pkt., postpaid, 5c.; Pt., 15c.; Qt., 30c.; not postpaid.

EARLY GOLDEN CLUSTER WAX—Begins to bear early in July and continues until frost; pods are 6 to 8 inches long, borne in clusters of three to six, are a beautiful golden yellow color, and the flavor is most delicious. It can be used shelled or as a string bean. Pkt., postpaid, 5c.; Pt., 15c.; Qt., 30c.; not postpaid.

POLE LIMA BEANS

PACKETS ONLY POSTPAID

SEIBERT'S EARLY LIMA—One of the earliest. Pods large, but thin, and easily opened. Beans very large. Handsome and of best quality. Pkt., postpaid, 5c.; Pt., 20c.; Qt., 35c.; not prepaid.

LARGE WHITE LIMA—Heavy cropper. Beans and pod large. Pkt., postpaid, 5c.; Pt., 20c.; Qt., 35c.; not prepaid.

KING OF THE GARDEN LIMA—Vigorous grower, pod large, well filled with beans of rich flavor. Gardener's favorite. Pkt., postpaid, 5c.; Pt., 20c.; Qt., 35c.; not prepaid.

EXTRA EARLY JERSEY LIMA—This variety is ten days earlier than the ordinary variety, while it is equal in flavor and productiveness. Pkt., 5c.; Pt., 20c.; Qt., 35c.; not postpaid.

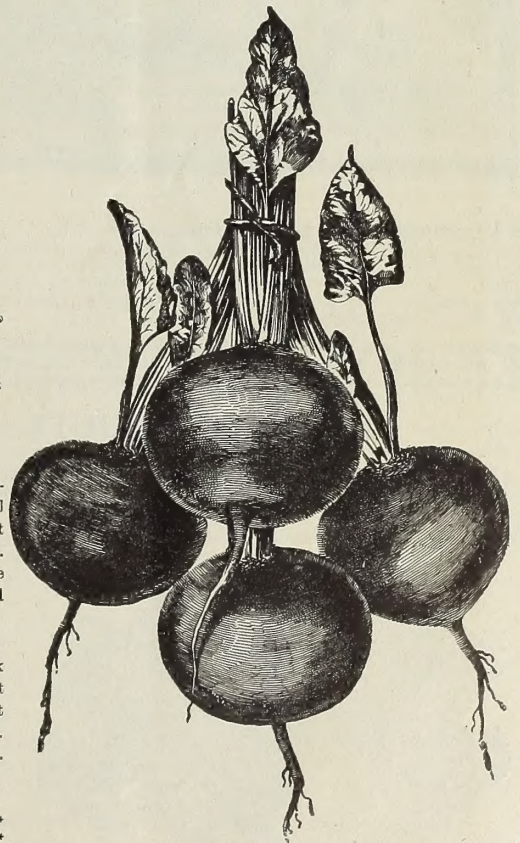
We are Springfield Agents for Planet, Jr., Garden Tools.

BUSH LIMA BEANS

PACKETS ONLY POSTPAID

HENDERSON'S BUSH LIMA—Very early and productive. Pkt., postpaid, 5c.; Pt., 20c.; Qt., 35c.; not postpaid.

BURPEE'S BUSH LIMA—Beans as large as Pole Lima, but perfectly dwarf. An enormous cropper. Pkt., postpaid, 5c.; Pt., 20c.; Qt., 35c.; not postpaid.



The Banquet Beet

WE PAY POSTAGE ON BEETS.

One ounce to fifty feet of drill. Five or six pounds to the acre in drills.

CULTURE—The best results are obtained on a deep, rich sandy loam. If wanted early sow in hot beds and transplant, cutting off the outer leaves. For general crop sow as soon as the ground will permit; in drills 18 inches apart, and thin out to 3 inches in the row. For winter use the turnip varieties may be sown in June. If possible, sow in freshly prepared soil, which should be pressed firmly over the seed. A supply may be had for winter use by storing in cellar and keeping covered with sand or sandy soil to prevent wilting, or they may be kept outdoors in pits.

THE BANQUET BEET—Is a new strain of early, dark red, fine grained stock crossing out the undesirable features of Early Blood Turnip. The result is a Beet that is exceedingly hardy, tender and of handsome appearance. A Royal Beet that appeals to the most fastidious appetite. The seed was grown for us under contract. Pkt., 5c.; Oz., 10c.; ¼ lb., 20c.; 1 lb., 60c., postpaid. May be sown in February. Hardy.

WRITE FOR SPECIAL PRICES ON LARGER QUANTITIES THAN ABOVE.

BEETS—(Continued)

CROSBY'S EGYPTIAN—The Earliest Beet in the Market—A selection from that standard market Beet, Early Egyptian, which retains the earliness of the parent stock and has added thickness giving it a more desirable shape; it is the deepest red, almost black in color, and is of finer quality than the Egyptian, being sweeter and even more tender and smoother. The most desirable sort for small beets for early market, as it is in presentable market shape quicker than any other sort. It is a very rapid grower and can be sown outside as late as July. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.; postpaid.

EARLY BLOOD-RED TURNIP—The old standby and a universal favorite. Deep blood color. Good early and late. Pkt., 5c., oz., 10c.; ¼ lb., 20c.; lb., 50c.; postpaid.

EDMAND'S BLOOD TURNIP BEET—It is of good size, very early, perfect in form, and of that deep, rich blood color so much sought by gardeners. It commands a good price and a ready sale in all markets. It will produce fully 800 dozen bunches of Beets per acre. Our seed has been selected from the best Franch grown stock. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.; postpaid

ECLIPSE—A very early, smooth, dark, globe-shaped Beet, with small top; in earliness and quality it is excelled by none. We can recommend it highly for market and garden use. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; 1 lb., 60c.; postpaid.

DETROIT DARK RED (Turnip-Shaped)—Valuable because of its

uniformity, medium in size, always smooth and free from small roots. The flesh is tender, fine grained and remains so long after many sorts have become woody. It is admirable for early or late. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; 1 lb., 60c.; postpaid.

DEWING'S EARLY BLOOD TURNIP—Good color; medium size; smooth and handsome. Very desirable for marketing. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; 1 lb., 60c.; postpaid.

BASTAIN'S HALF-LONG—Entirely distinct and by far the best variety for winter use. Roots half as long as Long Dark Blood, but on account of their thickness weigh just as much. Always smooth; rich, dark red flesh, sweet, crisp, tender and never woody, even in portions above ground. One of the best sorts. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.; postpaid.

LONG BLOOD RED (VERY RICH) 62 DAYS—Resists drought better than any other variety of Beets; color deep red, flesh very sweet. Grows entirely under ground. Ten to twelve tons can be grown to the acre. Valuable for cattle. Keeps well during winter. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.; postpaid.

SWISS CHARD, OR SILVER BEET—A distinct vegetable and much superior to the common Beet for greens, which are produced remarkably soon after planting. Later the leaves grow very large, with broad, flat, beautifully white, wax-like stems and midribs, which may be cooked like asparagus. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.; postpaid.

MANGEL AND SUGAR BEETS

Extensively grown in all parts of the country for feeding stock. Sow in April or May in drills three feet apart, and thin to ten inches in the row. If your soil is deep and mellow, try the long variety; if shallow, the round kinds will do better. No crop pays the farmer or stock raiser better than mangels; 1,000 bushels to the acre is an ordinary yield. They make the cheapest of foods for all kinds of stock—horses, cattle, sheep, pigs, chickens, etc. Easily grown, and they help to keep stock in good condition and free from disease. Use five pounds of seed to an acre.

GOLDEN TANKARD—The best yellow Mangel in cultivation. A distinct and valuable yellow-fleshed variety, which contains a larger percentage of sugar and nutritive matter than any of the red-skinned sorts. It is more relished by milch cows and sheep than any other. In shape it is almost cylindrical. It is very easily pulled and is exceedingly hardy. Pkt., 5c.; lb., 30c.; 10 lbs., \$2.00; prepaid.

RED GLOBE—A large, globular, red sort, even a better keeper than the Long Red. It produces fine crops upon shallow soil, which, added to its fine grain and excellent keeping qualities, renders it most desirable. Pkt., 5c.; lb., 40c.; 10 lbs., \$3.50; prepaid.

MAMMOTH GOLDEN GIANT—An improvement on the Long Yellow Mangel, being of considerably greater size, more than half above ground and of a more grayish or rather russet yellow color. Remarkably even in shape, rather elongated, of vigorous growth; it has a fine neck and a very smooth skin. Flesh white, firm and sweet, much liked by cattle. In short, a magnificent root, easily lifted from the ground, producing enormous crops. Excellent keeper, yielding 40 to 60 tons per acre. Pkt., 5c.; lb., 35c.; 10 lbs., \$2.50; prepaid.

MAMMOTH LONG RED—Enormously productive. Yields from 50 to 70 tons to the acre. The roots grow well above ground and are easily dug. Pkt., 5c.; lb., 40c.; 10 lbs., \$3.50; prepaid.

YELLOW, OR ORANGE GLOBE—Remarkably smooth in shape, considered the large size attained. Flesh white and a great keeper. Will stand a dry season exceedingly well, hence good for late planting. Pkt., 5c.; lb., 40c.; 10 lbs., \$3.50; prepaid.

NORBITON GIANT, OR JUMBO RED MANGEL—Stands head above all other varieties of Mangels; unequalled for yielding and feeding qualities. Preferred by many to common Long Reds, as its keeping qualities are considered better and it is much larger. Pkt., 5c.; lb., 40c.; 10 lbs., \$3.50; prepaid.



VILMORIN'S IMPROVED SUGAR—A variety originating in France. It differs from the Mangel Wurzel in containing the largest percentage of sugar of any known variety. In size it is medium, yielding from 10 to 16 per cent sugar. Cannot be overestimated for any purpose. Shud be grown in deep soil. Pkt., 5c.; lb., 40c.; 10 lbs., \$3.50; prepaid.

 * NO ORDER TOO SMALL TO RECEIVE OUR ATTENTION *

BRUSSELS SPROUTS

CULTURE—Same as winter cabbage. A delicious vegetable belonging to the cabbage family. May be boiled like cabbage or cooked in cream like cauliflower. Pkt., 5c.; oz., 15c.; ¼ lb., 35c.; postpaid.



Early Snowball.

CORN SALAD

CULTURE—Sow in shallow drills, one foot apart, in August or September. Cover with straw during cold weather. Seed may also be sown early in the spring. Soil should be very rich. Very popular substitute for lettuce, and is also cooked and used like spinach. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; postpaid.

CAULIFLOWER

One of the most delicious of vegetables. Any soil that will grow Cabbage will grow Cauliflower, as their requirements are very similar. Culture same as Cabbage, except that they need a cool and moist atmosphere. As the flower heads appear, the large leaves should be broken down over them to shield them from the sun and rain.

EARLY SNOWBALL—The best variety for family or market gardens, early or late, cold frame or open ground. It heads where others fail. Pkt., 10c.; ¼ Oz., 80c.; ½ Oz., \$1.50; 1 Oz., \$2.75. Postpaid.

EXTRA EARLY DWARF ERFURT—An excellent sort producing good size, creamy white heads. One of the best for general cultivation. Pkt., 10c.; ¼ Oz., 80c.; ½ Oz., \$1.50; 1 Oz., \$2.75. Postpaid.

 * NO ORDER TOO SMALL TO RECEIVE OUR SPECIAL ATTENTION. *



CABBAGE



Cabbage requires deep, rich, mellow soil, high manuring and good culture to obtain fine, solid heads. For early use sow early kinds in hot-bed or box in house the last of January or early in February, and transplant in the open ground in April, in rows two feet apart and 18 inches in the row; or sow outside as soon as the soil can be worked. Transplant in four weeks. For second early cabbage,

sow in April and transplant in May. For late cabbage, sow in May, and transplant in July, in rows three feet apart and two feet in the row. To prevent splitting or bursting go frequently over the ground and start every cabbage that appears about to mature, by pushing them over sideways, which breaks some of the roots and checks their growth. One ounce of seed produces about 2,500 plants. Four ounces will grow enough plants to set an acre.



THE BIG CHARLESTON

**WE PAY THE POSTAGE
ON CABBAGE**

**CHARLESTON
or LARGE WAKEFIELD
KING OF THE
CABBAGE PATCH**

This photo from a head of **BIG CHARLESTON CABBAGE**, grown from our new strain by Mr. E. P. Krebs, of Springfield, Mo.

IT WEIGHED 14 lbs

You have heard from 6, 7 and even 8-pound varieties, but

THIS ONE WEIGHED 14 lbs.

It's the grandest strain of Cabbage in existence today. Head not so pointed as those of Early Jersey Wakefield or Winningstadt, but far more vigorous and several times larger, at the same time being almost as early. Exceedingly hardy and because of its attractive appearance, deep vari-green color and solid head makes it a good shipper. Pkt., 10c.; oz., 20c.; ¼ lb., 65c.; 1 lb., \$2.00; postpaid.

NOTE.—Cabbage Plants, all varieties. Write for Prices

EXTRA EARLY JERSEY WAKEFIELD, SELECT STOCK—Long recognized as the best very early marketable cabbage. Medium in size, in shape pyramidal with a pointed peak. Is a reliable, certain header, and one of the most profitable cabbages for the market gardener. Our strain of seed is of superior quality. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; postpaid.

EARLY WINNINGSTADT—An excellent variety for general use. Very hardy and a sure header. The heads are hard, conical in shape, and keep well summer or winter. It will succeed where most varieties would fail. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; postpaid.

EARLY YORK—Heads small, heart-shaped, firm and tender. Can be planted 15 to 18 inches apart. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; postpaid.

HENDERSON'S EARLY SUMMER—A flat-headed variety about ten days later than Jersey Wakefield, and for years has headed the list of second early Cabbage. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; postpaid.

EARLY DWARF FLAT DUTCH—An excellent second early old standard variety, producing fine large heads after the first early varieties have disappeared. Highly valuable for both its fine quality and ability to resist heat. Heads are very solid, broad and round, flattened on top, tender and fine grained. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; postpaid.

ALL SEASONS—As its name indicates, it can be planted at all seasons. It forms a fine large head of superior quality, not bursting after heading. The heads are of great thickness, which makes a capital market sort and good keeper. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; postpaid.

GENUINE SURE HEAD—This popular cabbage is rightly named Sure Head. It never fails to make a remarkably fine, solid, large head, with few outer leaves. It is a strong, vigorous grower, ripening late for a main crop, and very uniform in size and color. Our supply is grown from the original seed, and none better is to be had at any price. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; postpaid.

LOUISVILLE DRUMHEAD—This fine cabbage is very popular with the kraut makers. It is a medium late variety, forming a large, solid head, which seldom bursts. It comes in between the second early and the late varieties. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; postpaid.

SPRINGFIELD SEED COMPANY'S IMPROVED FLAT DUTCH CABBAGE—In this superior strain of late cabbage we believe we have combined every good quality essential to perfection. It is the result of several years' continued selection of seed stocks of the most perfect and largest heads, with low stocks, and especially those that show greater earliness in heading, with few outer leaves and a very uniform color. By such persistent selection we have a highly improved strain. Market gardeners grow it in preference to all others for a main crop. It grows very large and never fails to make a perfect, solid head, and is most uniform in shape, size and color. Pkt., 10c.; oz., 25c.; ¼ lb., 65c.; postpaid.

LARGE LATE DRUMHEAD—Heads enormous. A very hardy and especially desirable winter sort. A fine shipper. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; postpaid.

* **LIKE PRODUCERS LIKE. GOOD SEEDS. GOOD RESULTS** *

* **NO ORDER TOO SMALL TO RECEIVE OUR ATTENTION** *

HENDERSON'S SUCCESSION—A second early, uniformly large, full and handsome. Has had a very extensive sale. A general favorite everywhere and one we can safely recommend for all purposes. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; postpaid.

THE LUPTON—A rare combination of the second early and late sorts. Strong in constitution, perfect in type, has none of the coarseness of the late varieties, with all the fine qualities of early

maturity. The stalk is short; color dark green; very large heads in proportion to the plant. Especially adapted to all purposes of the farmer and market gardener, as it grows uniform, heads good and is a splendid keeper. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; postpaid.

ST. LOUIS LATE MARKET—A very superior late sort. Has been grown with great success by market gardeners throughout the entire country. Our stock is the original strain. Pkt., 5c.; oz., 25c.; ¼ lb., 65c.; postpaid.



The above is a reproduction from photograph of Springfield Seed Company's select strain of Succession Cabbage grown by Mr. John Mobley, market gardener, one mile southwest of Springfield.

DANISH BALL HEAD—Heads round, good size, very solid, fine quality, and one of the best keepers. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.; postpaid.

AMERICAN DRUMHEAD SAVOY (Wirsing)—The leading variety of all Savoy. Special attention should be given this class; especially where quality rather than quantity is desired. Valuable for the

private garden. Of sweeter flavor than other cabbage, especially where touched slightly by frost. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.; postpaid.

RED DUTCH—Used almost exclusively for salad or pickling. Hardy, an excellent keeper. Is slow to mature. Should be transplanted early, in a good, heavy soil to obtain perfection. Pkt., 5c.; oz., 25c.; ¼ lb., 60c.; postpaid.

 ✱ WRITE FOR SPECIAL PRICES ON LARGE QUANTITIES. ✱

 ✱ WRITE FOR SPECIAL PRICES ON LARGE QUANTITIES. ✱

CARROTS FOR TABLE USE

CULTURE—Should be sown as early in the spring as the weather will permit for early crop, in drills, 16 to 18 inches apart. Cover lightly, and thin to 3 inches in the rows. Sow 3 to 4 pounds to the acre, or 1 ounce to 100 feet of drill. Carrots require a rich, deep, sandy loam, well pulverized and deeply cultivated.

EARLY FRENCH FORCING—Small, almost globular root. Are orange red in color.

OX HEART, OR GUERANDE—Very thick and blunt rooted. A rapid grower of fine quality. Color orange-red.

CHANTANEY—Very fine for home or market. Deep orange-red, 6 inches long, stump-rooted. Heavy cropper.

EARLY HALF LONG SCARLET—Bright scarlet, with yellow in the center; no core. A fine table sort.

DANVERS' HALF LONG—An all-purpose Carrot. Medium in length, which tapers to a blunt point. Dark orange color. Carrot of finest quality.

Prices, unless otherwise noted: Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; postpaid.



Carrots.

Get up a Club among your neighbors and get the benefit of the discount

CARROTS FOR STOCK

WHITE BELGIAN—Grows large and partially above ground. Easy to harvest. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; 1 lb., 50c.; postpaid.

LONG ORANGE—Excellent for table or stock. For late summer and winter. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.; postpaid.

LONG RED STUMP ROOTED—Especially recommended to stock breeders for high feeding qualities and as a heavy cropper. Pkt., 5c.; oz., 10c.; ¼ lb., 60c.; postpaid.

Chester- field Cucumber

A TERRIFIC
BEARER

SUPERIOR
MAIN CROP
VARIETY



needs but to be known to take rank as the leading cucumber now in the market. It will climb brush, corn, trellises, okra, etc., thus requiring less space for growing than other sorts but may be grown flat if desired. If permitted to climb the fruit grows longer, more uniform in size and color and would be free from specks and imperfections caused by the insects and soil coming in contact with stock on the ground. Pkt., 5c.; oz., 20c.; 1-4 lb., 40c.; lb., \$1.25; postpaid.

CULTURE—One ounce to fifty hills. Two pounds will plant an acre. Cucumbers thrive best on warm, rich, sandy loam. Do not plant in the open ground until there is a prospect of settled warm weather. Plant in hills 4 feet apart each way. When all danger from insects is past, thin out, leaving four of the strongest to each hill. The fruit should be gathered when large enough, whether required for use or not, for if left to ripen on the vines it destroys their productiveness.

ARLINGTON WHITE SPINE CUCUMBER—This is the most profitable cucumber for truckers. It is the earliest, most shapely and productive variety of this type. Of a green color throughout its entire length; very straight and symmetrical. The strain needs no recommendation where known and a trial order will convince you of the truth of this statement. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 85c.; postpaid.

EARLY CLUSTER—Fruit short, being borne near the root. Early, hardy and vigorous. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.; postpaid.

EARLY FRAME, OR SHORT GREEN—An excellent sort for both table use and pickling. Fruit straight, handsome, smaller at each end, bright green; fresh, tender and crisp, and makes fine pickles. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.; postpaid.

EXTRA EARLY GREEN PROLIFIC PICKLING—One of the best for pickling; dark green, very productive and of uniform small size; very few seeds. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.; postpaid.

BOSTON, OR JERSEY PICKLING—A favorite eastern sort of fine quality, medium length; reliable variety for pickling and slicing. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.; postpaid.

JAPANESE CLIMBING—Can be trained upon a trellis or poles, which will insure earlier ripening and a straight handsome form in the large fruits. It endures summer heat and drought exceedingly well. It is entirely distinct. Quality splendid. Is adapted for pickling, as well as for slicing for salads. The cucumbers are 12 inches in length. Skin smooth, dark green, turning to brown and netted with ribs. The flesh is pure white, crisp and of mild flavor. Pkt., 10c.; oz., 20c.; ¼ lb., 40c.; lb., \$1.25; postpaid.

IMPROVED EXTRA EARLY WHITE SPINE—One of the best sorts for table use. Vines vigorous, fruiting early and abundantly,

fruit uniformly straight and handsome, dark green, with a few white spines; flesh tender and of excellent flavor. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.; postpaid.

COOL AND CRISP—Said to be the earliest of all pickling varieties and extra fine for slicing. Pkt., 5c., oz., 10c.; ¼ lb., 25c.; lb., 85c.; postpaid.

IMPROVED LONG GREEN—Unquestionably this is the most popular general-purpose cucumber. When matured is nine to twelve inches long, very solid and crisp; retains its dark green color until nearly ripe. One of the best for small pickling if picked properly. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.; postpaid.

WESTERFIELD'S CHICAGO PICKLING—A small pickling sort, very popular with Chicago market gardeners and large pickling houses. Immensely productive and of good shape and color. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.; postpaid.

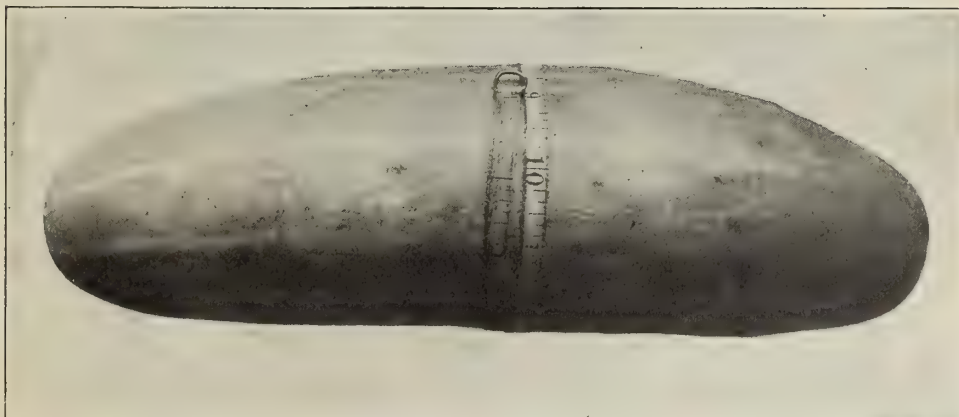
EVERGREEN, OR EXTRA LONG WHITE SPINE—One of the best table sorts. A fine strain, producing smooth, regular fruits frequently 12 inches long. Smooth, round, handsomely colored and very regular in size and form; of excellent quality. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.; postpaid.

CUMBERLAND—The most valuable pickling variety ever introduced. It is of the hardy, white spine type; a rapid, strong and vigorous grower, the vines being full of fruit in all stages of development from the time the first blossom drops until killed by frost. The flesh is very firm, but crisp at all stages, thus rendering it equally as choice for slicing as for pickling. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.; postpaid.

NICHOL'S MEDIUM GREEN—We consider this a most valuable variety. As a pickling sort it will be found unequalled, and for early forcing or slicing there is no better. It is exceedingly productive, of medium size and always straight and smooth. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.; postpaid.

GHERKIN—A very small oval sort, grown exclusively for pickles, prolific to an extraordinary degree. Seeds are slow to germinate. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.50; postpaid.

EARLY GREEN CLUSTER—Short and prickly; bearing in clusters; prolific; fine for bottling. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.; postpaid.



IMPROVED STRAIN LONG GREEN.

* WRITE FOR SPECIAL *
* PRICES ON LARGE *
* QUANTITIES. *

CHUFAS OR Earth Almond

Plant in April, 10 inches part, in 2½ foot rows. Cover lightly. If seed is very dry, soak well before planting. Chufas is a small ground nut, with a cocoonut or almond flavor, and is very nice as an after-dinner relish. Very prolific. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.; postpaid.

SWEET CORN

COUNTRY GENTLEMAN

The richest flavored of all varieties. As a table Corn this variety is unrivaled. Without doubt the most luscious Sweet Corn of all. The plump, pearly white kernels are of great depth, very delicious, and the flavor will delight an epicure. Remains tender and fit for use constantly, as the ear is encased in a thick husk which keeps it in the milk. The ears average nine inches in length and are borne from two to five and sometimes six on each stalk. The cob is small and very closely packed from tip to butt with slender, pure white kernels of the finest quality. Pkt., 5c.; Pt., 20c.; Qt., 35c.

ON ALL SWEET CORN TO GO BY MAIL ADD TEN CENTS PER QUART FOR POSTAGE.

SWEET CORN is liable to rot in cold or wet ground, and should not be planted until the ground has become warm. For a succession plant every ten days, until the last week in July, in hills 2x3 feet for the early varieties and 3x3 feet for the large late kind. One quart plants 220 to 300 hills, eight to ten quarts to the acre.

On all Sweet Corn to go by mail add ten cents per quart for postage.

EXTRA EARLY VARIETIES.

GOLDEN BANTAM—A very early Sweet Corn with golden yellow grain; tender and of excellent quality. The ears are eight rowed, six to seven inches long and most suitable for the table. The flavor is exceptionally rich and delicious. Our stock has been very carefully selected and will be found decidedly superior to much that is offered. Height about four feet. Pkt., 10c.; Pt., 20c.; Qt., 35c.

PEEP O' DAY—Claimed to be the earliest sweet corn on earth. Pkt., 5c.; Pt., 15c.; Qt., 25c.

PREMO—Earlier than Extra Early Adams. Pkt., 5c.; Pt., 15c.; Qt., 25c.

EXTRA EARLY ADAMS—Not a sweet corn but grown for early market. Pkt., 5c.; Pt., 15c.; Qt., 25c.

EARLY WHITE CORY—Very prolific, short stocks, usually bearing two ears each. Pkt., 5c.; Pt., 15c.; Qt., 25c.

COLLARDS

A plant of the Cabbage family. It is well adapted to the South, enduring extreme heat, excellent for greens. True Southern. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; postpaid.

CHICORY

CHICKORY—LARGE ROOTED—Used to mix with or as a substitute for coffee. Cultivate same as carrot. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; postpaid.

CRESS OR PEPPER GRASS

Sow thickly in shallow drill early and cover slightly. When cut young it makes a delicious salad.

UPLAND CRESS—Produces large cluster of leaves, similar to the Water Cress, hardy and of good quality. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; postpaid.

WATER CRESS

Highly esteemed for its pungent flavor in salads and garnishing. Must be grown along moist banks or in tubs in water-covered soil. Pkt., 10c.; oz., 25c.; ¼ lb., 80c.; postpaid.

CELERY

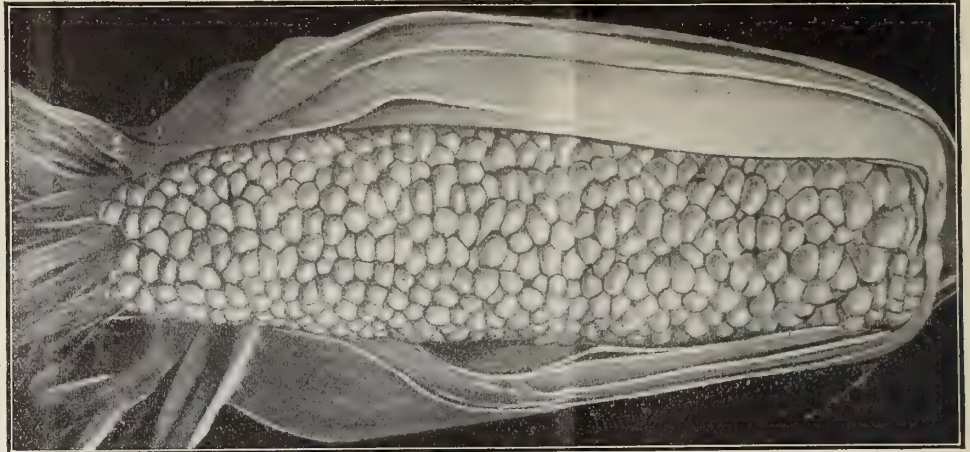
CULTURE—Sow the seed (which is slow to germinate) in shallow boxes indoors, or finely prepared seed bed outside, in straight rows so that the small plants may be kept free from weeds. Seed should not be covered very deep, as plenty of moisture is essential for satisfactory growth. Temperature should not exceed 60 degrees. When plants are two inches high, thin out and transplant so that they stand three inches apart. When four inches high cut off the top and the plants will grow stocky. One ounce will produce about 2,500 plants, and sow about 200 feet of row.

WHITE PLUME—The earliest variety grown, and can be blanched for the table early in September. It is a self-blanching variety, requiring no "banking up" easily grown by anyone; stalks and inner leaves white, crisp and delicious. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; postpaid.

GOLDEN SELF-BLANCHING—It is of medium earliness, of dwarf, compact habit with thick, heavily ribbed stalks, which blanch easily to a clear waxen yellow. When grown in rich, moist soil, the stalks are numerous and large, with a solid heart of beautiful yellow. Pkt., 5c.; oz., 30c.; ¼ lb., 90c.; postpaid.

GIANT PASCAL—Stalks remarkably large, thick, solid, entirely stringless, very crisp and brittle. A vigorous grower and self-blanching, clear white. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; postpaid.

DWARF GOLDEN HEART—A distinct variety of sturdy dwarf habit. It is solid and an excellent keeper and of fine nutty flavor. When blanched, the heart, which is large and full, is of light yellow,



COUNTRY GENTLEMAN

EARLY MINNESOTA—Almost as early as Adams or Cory. Dwarf in habit. Pkt., 5c.; Pt., 15c.; Qt., 25c.

CROSBY'S EXTRA EARLY—Ears fair size and of excellent quality. Pkt., 5c.; pt., 15c.; qt., 25c.

SHAKER'S EXTRA EARLY—Large and productive. An all purpose sort. Pkt., 5c.; pt., 15c.; qt., 25c.

SECOND EARLY SORTS.

EARLY MAMMOTH—Produces very large ears; a genuine sweet corn. Pkt., 5c.; pt., 15c.; qt., 25c.

KENDEL'S EARLY GIANT—This variety is one of the largest early Sweet Corns. It comes in soon after the Cory. Ears 8 to 10 inches long, 12 to 18 rowed, filled well to the tip with broad, white, sweet kernels of excellent flavor. Stalks short, bearing one or two ears. Pkt., 5c.; pt., 15c.; qt., 30c.

LATE OR GENERAL CROP VARIETIES.

STOWELL'S EVERGREEN—A favorite with market gardeners and canners. Is tender and of a rich sugary flavor. Remains in an eatable condition for a long time. Large ears and a grand good sort. Pkt., 5c.; pt., 15c.; qt., 25c.

LATE MAMMOTH—The largest of all, and a fine market variety. Pkt., 5c.; pt., 15c.; qt., 25c.

EGYPTIAN—A large variety, resembling the Evergreen. Broad flat grain. An excellent variety. Pkt., 5c.; pt., 15c.; qt., 25c.

POP CORN

EXPERIMENT WITH POP CORN—
WE WILL BUY YOUR ENTIRE CROP.

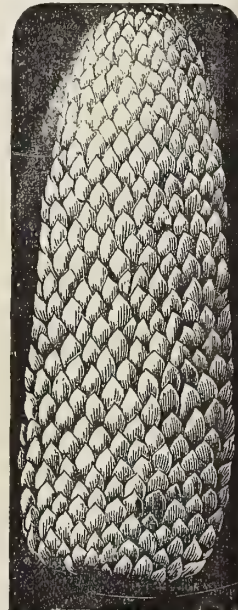
We are always in the market for straight stock of White Rice or Queens Golden Pop Corn. Plant some distance from other corn, as it hybridizes easily. We will contract when you purchase your seed, if you so desire, to take your crop when gathered.

MONARCH WHITE RICE—Always commands top prices. Yields well and produces ears six to seven inches long. Kernels pure white and of the finest quality.

QUEENS GOLDEN—Three to six ears to a stalk. Pops creamy white; tender and delicious flavor.

Prices on the above unless otherwise noted: Pkt., 5c.; pt., 20c.; qt., 35c.; postpaid.

Write for special prices on large quantities.



making it an exceedingly showy and desirable variety for either market or private use. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; postpaid.

GIANT WHITE SOLID—A large growing sort, attaining a height, under good cultivation of 3 feet. This variety is most suitable for Southern sections of the country, as it grows freely in hot or dry atmosphere. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; postpaid.

WINTER QUEEN—Very thick, solid, heavy stalk, with a large heart. A close, compact grower, and when bleached is a creamy white color. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.; postpaid.

BOSTON MARKET—Leaves dark green, stalks when blanched nearly white. Excellent quality, solid, crisp and tender. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; postpaid.

CELERIC, OR TURNIP-ROOTED CELERY (Knollen Sellerie)—Large Erfurt, grown for the roots. Excellent for salad and flavoring soup and meats. Pkt., 5c.; oz., 20c.; postpaid.

EGG PLANT

CULTURE—Seed should be sown in hot beds in March or early April. Transplant about June 1st, 2½ to 3 feet in the row. Plants are large and vigorous, require rich, deep soil, and will thrive best in damp shaded spots.

BLACK BEAUTY—Ten days earlier than the New York Improved and produces an abundance of large fruit. Pkt., 5c.; oz., 35c.; postpaid.
NEW YORK IMPROVED—Large, round, dark purple, fine flavor and productive. Pkt., 5c.; oz., 25c.; postpaid.

ENDIVE

CULTURE—Sow late in July for winter use. One ounce of seed to 150 feet of row. When almost full grown tie the outer leaves to bleach the center, and you will have one of the best and most wholesome salads for fall and winter use.

ameter. Leaves crisp, tufty and full. Hardy and suitable for spring, summer or autumn planting. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; postpaid.

EVER WHITE CURLED—Middle rib yellow. Leaves almost white. Large size. A very slightly variety. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; postpaid.

 * WRITE FOR SPECIAL PRICES ON LARGER QUANTITIES *

GARLIC

Thrives best in light well enriched soil. Bulbs should be planted in the spring 6 or 8 inches apart. Cultivate and store the same as onions. Much valued for flavoring soups, stews, etc. Fine bulbs, ¼ lb., 15c.; 1 lb., 30c.; postpaid.

KOHL-RABI

CULTURE—Sow in rich soil as early as possible in drill 16 inches part. Thin to 6 inches apart in rows. Sow the latter part of July for fall use. Dress and serve like turnip. One ounce of seed will sow 150 feet of drill.



Kohl-Rabi.

EARLY WHITE VIENNA—Small, handsome white bulb. Best early variety for table. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; postpaid.

EARLY PURPLE VIENNA—Similar to White Vienna except in color. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; postpaid.

Send the address of your friends who are interested in a good garden and they will receive a copy of this Catalog.

HORSE RADISH

CULTURE—Set the roots with the small ends down and the top 1 to 3 inches below the surface, 18 inches apart in the row, and cultivate until the tops cover the ground, when the shade will keep down the weeds. Roots, 3 for 10c.; 25c. doz., postpaid. By freight or express at purchaser's expense, 73c. per hundred.

LEEK

CULTURE—Sow the seed in drills early in the spring, thin out or transplant to stand 6 inches apart in the row. In fall draw earth about the stems, in the same manner that you would blanch celery. May be sliced and served with salad or cooked and served like onions.

LARGE AMERICAN FLAG—Hardy and of excellent quality. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; postpaid.

GIANT CARENTAN—Favorite market variety. Large thick stem, mild flavor and attractive appearance. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; postpaid.

KALE OR BORECOLE

CULTURE—Sow in May or June and cultivate the same as cabbage. For spring use, sow in September and protect during the winter. Kale is extremely hardy and best when touched by frost. One ounce will sow 100 feet of drill.

compact and beautifully curled. Fine quality. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; postpaid.

DWARF GREEN CURLED SCOTCH—Leaves bright green, curled, very tender and fine flavor. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; postpaid.

DWARF GERMAN GREENS—Leaves yellowish-green, very com-

WE PAY POSTAGE ON LETTUCE



ICEBERG—Hardest heading sort and excellent for home or market. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 75c.; postpaid.

ALL THE YEAR AROUND—Hardy, medium-sized heads, not inclined to seed. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 75c.; postpaid.

GOLDEN BALL BUTTERCUP—An improved variety, being distinct from all others. Of a golden yellow, retaining its flavor throughout the season. Attractive in appearance and very sweet and tender. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.; postpaid.

BLACK SEEDED SIMPSON—An old standard, used largely for forcing and for very early and late outdoor culture. Stands heat and drouth well. A fine sort for all seasons and all purposes. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.; postpaid.

CULTURE—One ounce will sow 100 feet of drill. Sow in the open ground as early as possible and continue at intervals until July. Thin out well for strong plants. Should be of rapid and vigorous growth to be crisp and tender.

IMPROVED HANSON—Forms very large, firm heads, resembling Cabbage, which are deliciously sweet, crisp and tender; heads green outside and white within. For outdoor culture unexcelled. It is one of the best heat-resisting sorts. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.; postpaid.

PRIZE HEAD—Very tender leaves of dark reddish brown color, variegated with dark green. Heads large and of good flavor. We sell more of this than any other brown-leaved variety. Always satisfactory.

DENVER MARKET—Used either for forcing or open ground. An early variety, forming heads which are solid and of beautiful light green color, curled somewhat like Savoy Cabbage, and always crisp and tender.

Prices, unless otherwise noted, postpaid. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.; postpaid.

EARLY CURLED SILESIA—The old favorite. Of dwarf, compact habit and quick growth, crisp, golden leaves, with finely curled edges. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.; postpaid.

WHITE SUMMER CABBAGE—A head Lettuce of remarkable quality forcing a solid, fine head of good size, and will withstand heat and drouth, making it a good late variety. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.; postpaid.

BOSTON MARKET—This variety can be planted so close as to make it well adapted for glass culture, grows very compact and forms fair-sized heads slightly tinged with red on the edges of the leaves. It is also one of the best varieties for outdoor culture. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00; postpaid.

 * WE MAKE A SPECIALTY OF TOMATO SEED FOR CAN- *
 * NERS. WRITE FOR PRICES ON LARGE QUANTITIES. *

 * WE DELIVER ALL VEGETABLE AND FLOWER SEEDS, *
 * EXCEPT WHERE SPECIALLY NOTED. *

Small Orders.—We take as much pains to fill small orders promptly and correctly as we do large ones.

Our aim is to fill all orders the day received, but during the busy season it is sometimes impossible. Order early.

Selected Big Boston Lettuce



Big Boston Lettuce

A very large desirable garden variety for early and late planting. May be sown the last of February or first of March in this latitude, being so hardy that it is most suitable for early forcing. Plants are extremely vigorous, heads large, handsome and solid. The leaves are broad, smooth and deliciously tender, remaining so, even when going to seed. A beautiful green outer color shading to a rich cream shade at the heart. Especially adapted to the local markets and family gardens on account of its exceeding crispness. Pkt., 5c.; oz., 10c.; qr. lb., 30c.; 1 lb., \$1.00, postpaid.

GRAND RAPIDS—A forcing variety of superior quality and beautiful 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. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.20. Postpaid.

NEW TRIANON COS—The finest of all the Cos sorts. Leaves when bleached are stiff like Celery stalks. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.; postpaid.

EARLY CURLED SIMPSON—A good forcing sort. White seeded. Resembles Black Seeded Simpson. Early, and an old favorite with all. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.; postpaid.

MUSKMELON

To get the best results, select a warm, rich sandy loam, thoroughly work the soil. Make hills six feet apart each way. Seeds should never be planted until settled warm weather. Should the vines grow too rapidly they may be pinched off when three or four feet in length. Also if the fruit should set too thickly, thin when young. This will hasten ripening and also increase the size and quality of the melons. One ounce will plant about sixty hills; two or three pounds to an acre.

MARSHALL'S OZARK QUEEN MUSKMELON—The flesh is the most handsome green color, the skin of a beautiful netted green; it is shallow ribbed and shaped similar to the Rocky Ford, only larger, and much more productive; the appetizing taste creates a hankering for more, the flesh so luscious and sweet that it fairly melts in one's mouth; in fact, it is the finest Muskmelon ever discovered. Gardeners can make at least one-third more money out of this new introduction than out of any other melon ever offered. Order early. Pkt., 10c.; oz., 30c.; ¼ lb., \$1.00. Postpaid.

BURRELL GEM—An ideal market melon, meat of a reddish orange, very thick, fine grained and spicy. Seed cavity small, average weight 2 ¼ lbs., length 6 inches, and the thickness 4 ¼ inches; has a tough, thin rind, well arched, ribs covered with a gray netting. It has a delicious flavor, is different from the others, has golden meat and lots of it. Has no equal in the melon line and is absolutely the finest grown. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.50. Postpaid.

EARLY GREEN NUTMEG—A rather small green-fleshed variety. Dark green rind, well netted, ribbed and somewhat globular in shape. Extra early. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.00. Postpaid.

PAUL ROSE—A new salmon fleshed variety, especially adapted for fancy shipping trade. Rather small. Oblong in shape. Ribbed and netted. Possesses excellent table qualities. A cross between the Emerald Green and Osage. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.00. Postpaid.

BAY VIEW—Green flesh. Large and productive, sometimes attaining the weight of fifteen pounds. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.00. Postpaid.

JENNY LIND—Fruit small, globular or a little flattened, deeply ribbed with green flesh, which is exceedingly sweet. It ripens early and because of its size is particularly good for hotel use. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.00. Postpaid.



Marshall's Ozark Queen Muskmelon

NO ORDER TOO SMALL TO RECEIVE OUR ATTENTION

WRITE FOR SPECIAL PRICES ON LARGE QUANTITIES

MUSKMELON



Extra Early Hackensack Melon.

OSAGE, OR MILLER'S CREAM—Skin is slightly netted, dark green color. Being a heavy cropper and of fine flavor this old-time favorite holds its own. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.00; postpaid.

ROCKY FORD—Has proven to be a most valuable Musk Melon. Its size, shape and quality exactly suit the epicure. The vines are exceedingly healthy and vigorous, bearing an enormous quantity of fruits during the entire season. It is safe to say that no melon has ever come into the market which has sold so readily and at such 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 specially grown for us by a careful grower at Rocky Ford, and is the best type of the genuine Rocky Ford Musk Melon. It has been used in many sections and is pronounced by melon growers a very superior strain. Pkt., 5c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.00; postpaid.

EMERALD GEM—A most delicious small melon. Extremely thin rind. Flesh of a beautiful salmon color, almost red. Flavor unexcelled. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.00; postpaid.

EXTRA EARLY HACKENSACK—This is a selection of the old Hackensack, which it resembles, but it is fully ten days earlier. The melons weigh from 4 to 10 lbs. and are of excellent flavor. Those who grow for market should remember that it is one of the best, as well as the earliest, hardiest and most prolific of Netted Musk Melons. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.00; postpaid.

LARGE HACKENSACK—Is somewhat later than the Early Hackensack. Large and uniform size. Very productive. Flesh green and of a very fine flavor. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.00; postpaid.

BALTIMORE OR ACME—Heavily netted. Deeply ribbed. Somewhat oblong in shape. Flesh green. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.00; postpaid.

BANANA—Has the appearance and shape like a banana. Quite a novelty. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.50; postpaid.

IMPROVED GREEN NUTMEG—Flesh light green and beyond question the surest cropper and most productive sort in cultivation. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.00; postpaid.

CHAMPION MARKET—Is globular in shape. Heavily netted. Average about 5 pounds. A second early variety and very popular, because of their fine flavor and from the fact that they resist sunburn extremely well. It is desirable as a shipper and for the home garden. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.00; postpaid.

MONTREAL MARKET—Large size. Flesh very thick and fine flavor. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.00; postpaid.

LONG YELLOW—A large variety; long, oval, deeply ribbed. Flesh thick, light salmon colored and of a peculiar musky flavor. This variety is used in its green state for mangoes. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.00; postpaid.

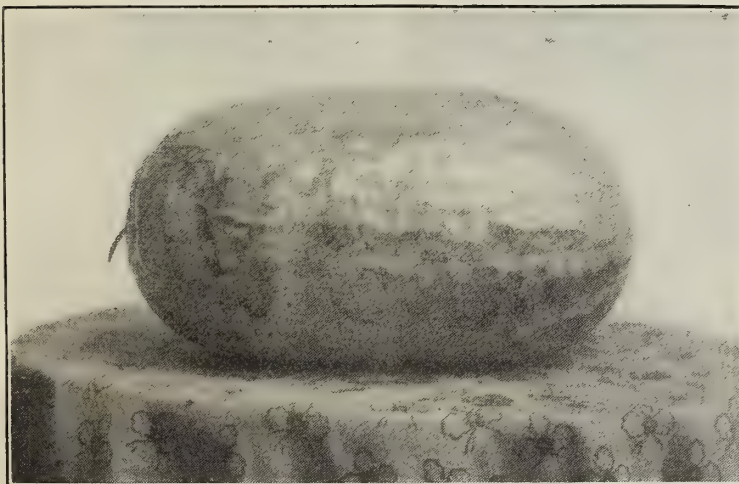
CHICAGO MARKET—A very large nutmeg. Uniform size and shape. Well ribbed. Finely netted. Flesh green, very juicy and sweet, delicious flavor. Seed cavity very small. Seldom crack or rot. Excellent for late market. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.00; postpaid.

MANGO MELON (Vegetable Peach)—Of golden yellow color, resembling an orange in shape and size. The flesh is snow white. They make splendid mangoes, stuffed like Peppers. For sweet pickles, pies and preserving they have no equal. Large pkt., 10c.; three for 25c.

GARDEN LEMON

GARDEN LEMON, OR LEMON CUCUMBER—Fruits short, nearly round, with yellow and green markings; skin smooth; flesh exceedingly tender and of sweet melon flavor. Best when just turning yellow. Makes good preserves. Pkt., 10c.; oz., 25c.; postpaid.

WATERMELON



Rufus Rastus.

CULTURE—Watermelons require a sunny, light, mellow soil, made very rich with well-rooted compost. Prepare the ground by deep cultivation and plant in hills 8 to 10 feet each way. Hoe often. One ounce will plant thirty hills, four pounds to the acre.

RUFUS RASTUS

A decidedly good thing direct from the State of Georgia, where the Watermelon grows to a greater state of perfection, probably, than in almost any other part of the United States. This is on account of season, soil and climate being so favorable to the production of melons of highest quality, shape and size. Millions of melons have been grown there for generations past for shipping to the North, and the natives have become expert in the production of the highest grade types of melons in all essentials, and they are continually on the lookout for promising strains, and by careful selection and cultivation have produced a number, of the most desirable standard varieties. When this variety could be obtained it was served exclusively at the leading restaurants the past season.

WITH A SOLID HEART.

Sweet, sugary, delicious flavor, a most superb Watermelon. Larger, more uniform shape, more prolific yielder than Kleckley Sweet. A dark green oval melon, 24 to 30 inches in length, 12 to 16 inches in diameter, thin rind. Best for the home garden. Best for the market. Sweet as the honey dew. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; 1 lb., 75c.; postpaid.

WATER MELONS



KLECKLEY SWEETS—This is one of the best flavored Melons in cultivation, and of a shape and color that is extremely desirable. The rind is very dark green, very thin, flesh deep scarlet, fine and of delicious quality. For the home market and family garden it is decidedly the best. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.; postpaid.

WONDERFUL SUGAR—Sweetest melon grown. Never cracks or loses its flavor during wet seasons. Very productive. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.; postpaid.

PHINNEY'S EARLY—Medium size. Flesh a deep red. Rind thin. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.; postpaid.

COLE'S EARLY—A hardy, sure cropper. Nearly round. Flesh dark red. Rind thin and extremely brittle. Medium size. Green, striped with lighter shades. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.; postpaid.

TRIUMPH—Nearly round. Large and an excellent shipper. Skin dark green and flesh bright red. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.; postpaid.

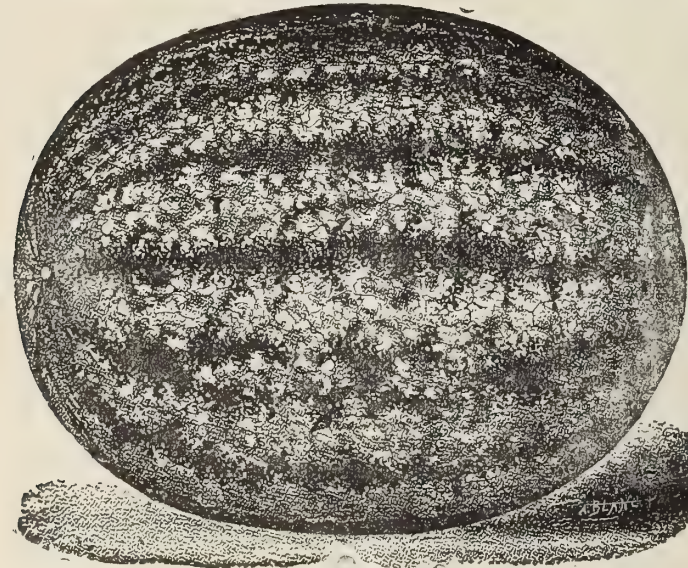
PRIDE OF GEORGIA—Oval shaped, striped light and dark green. Flesh bright red and sweet. Excellent shipper. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.; postpaid.

LIGHT ICING, OR GRAY MONARCH—Skin mottled gray, flesh bright crimson. Delicious flavor. Shape long and very productive. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.; postpaid.

FORDHOOK EARLY—Extra early, fine quality and large size. Nearly round, skin green, flesh light red and very sweet. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.; postpaid.

CITRON, RED SEEDED—For pickles and preserves only. Unpalatable in raw state. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.; postpaid.

MOUNTAIN SWEET—A large variety. Oblong in shape and of good size. Striped light green. Thin rind. Flesh deep and scarlet and deliciously sweet and a good shipper. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.; postpaid.



Kolb's Gem.

IMPROVED LONG DIXIE—IT IS CONCEDED TO BE THE BEST SHIPPER AND KEEPER GROWN. IT IS LARGER, TEN DAYS EARLIER, MORE BEAUTIFULLY STRIPED AND OF FINER APPEARANCE THAN KOLB'S GEM. SKIN DARK GREEN, STRIPED, FLESH BRIGHT, SCARLET, SWEET, TENDER AND JUICY. A MOST VALUABLE CROPPER. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ LB., 15c.; LB., 50c.; POSTPAID.

We Pay Postage on Water Melons

SWEET HEART—Early, large, oval, light green. Rind thin but firm. Flesh bright red. Sweet and tender. A splendid shipper. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.; postpaid.

CUBAN QUEEN—Large oval shape, striped dark and light green. Flesh red, quality excellent, the best late sort. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.; postpaid.



Kleckley Sweets.

ALABAMA SWEET—A very large, long melon of fine quality; very popular in the South, where it is grown extensively for shipping. Rind firm, rather dark green, slightly striped. Flesh bright red. Seed white. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.; postpaid.

SNOWBOUND—Vine of vigorous growth and sets fruit freely. Skin light green, resembling Sweetheart but more oblong in shape. Excellent flavor and absolutely stringless. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.; postpaid.

KOLB'S GEM—Has no superior for shipping purposes. Fruit large, oval shaped, marked with mottled, brittle. Medium size. Green striped with lighter shades. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.; postpaid.

HALBERT HONEY—Too much cannot be said of the merits of this grand new sort for market or home purposes. Its vine is of strong, vigorous growth and sets fruit freely. Seed white. Flesh is bright red. Exceedingly sweet and tender. Absolutely stringless. Good keeper. In size it is large to mammoth, and presents a fine appearance on the market as well as the dining table. Seed direct from the originator. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.; postpaid.

JONES' JUMBO—Solid green and flesh bright red. Sweet and juicy. Immense size. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.; postpaid.

ICE CREAM, OR PEERLESS—Popular for home market. Medium size almost round. Skin pale green, slightly mottled. Flesh bright scarlet. Fine grained. None better. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.; postpaid.

BLUE GEM—Resembles Kolb's Gem in shape, but better flavored. Stripe more indistinct than Kolb's Gem. Color dark purplish blue. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.; postpaid.

FLORIDA FAVORITE—Large, oblong, rind dark green with stripes of lighter green. A popular variety in the South. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.; postpaid.

DARK ICING—Shape oblong, rind dark green, flesh dark red and of fine flavor. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.; postpaid.

GEORGIA RATTLESNAKE—Very large and good shipper. Striped light and dark green. Flesh bright scarlet. Very sweet and sugary. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.; postpaid.

MUSTARD

CULTURE—Sow 10 pounds to the acre. For salads and greens sow broadcast early in the spring. Seeds are also used for flavoring pickles, pepper sauce, etc.

OSTRICH PLUME—Leaves finely cut and densely curled, resembling ostrich plumes. Quick growth and mild flavor. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.; postpaid.

CHINESE CURLED—The leaves are twice the size of the ordinary White Mustard, while the flavor is sweet and pungent. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.; postpaid.

SOUTHERN GIANT CURLED—The true curled-leaf variety so popular in the South for planting in the fall to furnish an early spring salad. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.; postpaid.

SMOOTH-LEAVED—Leaves large, sweet and pungent. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 70c.; postpaid.

YELLOW OR WHITE—Oz., 5c.; ¼ lb., 15c.; lb., 40c.; postpaid.

BROWN OR BLACK—Oz., 5c.; ¼ lb., 15c.; lb., 40c.; postpaid.

MUSHROOMS

Mushrooms can be grown in any dark room or cellar where the temperature can be maintained at 50 to 60 degrees. From old pastures procure the soil and store it away. To one bushel of this soil add two bushels of fresh horse manure. Of this well-mixed compound prepare a bed, say 4 feet wide. Put down a thin layer and pound it down hard, and go on until you have a bed 8 inches thick. It will soon become pretty hot, but let the heat recede until it is only 85 or 90 degrees. Then make holes, say a foot apart, and put in the spawn, two or three pieces as large as a walnut in each hole. Cover the holes and press the soil solid and smooth. Let the bed

remain in this condition about twelve days; then cover it with 2 inches of fresh loam, and over this place 4 or five inches of hay or straw, and the work is done. If the temperature is right, in six or eight weeks you may expect Mushrooms. The bed will continue bearing from 20 to 30 days. After the first crop is gathered, spread over the bed an inch of fresh soil, moisten with warm water, covering with hay as before. One pound of spawn is enough for a bed 3x6 feet.

MUSHROOM SPAWN, ENGLISH—One pound, by mail, 25c.; 8 lbs., by express, not prepaid, \$1.00.

We deliver Free to Consumer Seeds in Packets with Liberal Discounts SEE ORDER SHEET

ONIONS

Sow the seed early in April or as soon as the ground can be worked. One ounce will sow 100 feet of drill. Four pounds to the acre, drills 14 inches apart. Cover one-fourth of an inch. Commence hoeing as soon as the fine, grass-like stems can be seen. Simply skim over the surface and avoid stirring deeply, rather work the soil away from the bulbs. When the tops become dry and dead, pull and spread over the ground for a few days until fully dried. Cut tops half an inch from the bulbs.

For sowing Onion seed and cultivating the crop we recommend that you have a good drill and a hand cultivator. For pickles or sets, sow the seed very thickly and in broad drills, about 50 pounds to the acre for sets and 20 pounds for pickles.

SPANISH KING, OR PRIZE TAKER—This is beyond question a handsome Onion. Yellow or straw color, flesh white, of enormous size, in many cases weighing from 3 to 3½ pounds. Very hardy and a good keeper. Flavor sweet, very mild and tender. The seed we offer is a very superior quality and comes from a reliable and trustworthy grower. Pkt., 5c.; oz., 15c.; ¼ lb., 30c.; lb., \$1.50; postpaid.

EXTRA EARLY RED—Flat in shape. Light red in color. The earliest of all red onions. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.50; postpaid.

LARGE RED WETHERSFIELD—The old standard variety so largely grown for commercial purposes. A magnificent keeper and an enormous yielder. Color, a dark purplish red. Our strain of this variety is grown from well-selected bulbs by one of the most reliable growers in the country, and is being grown successfully and profitably. Pkt., 5c.; oz., 20c.; ½ lb., 50c.; lb., \$1.60; postpaid. By express, 5-lb. lots, \$1.50.

FLAT YELLOW DANVERS—A fine keeper. Flesh fine. Flattened in shape. A big cropper. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.50; postpaid. By express, 5-lb. lots and over, \$1.25.

YELLOW GLOBE DANVERS—A very handsome, round American variety of large size. Very fine and mild. An excellent keeper. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.75; postpaid. By express, 5 to 10-lb. lots and over, \$1.50.

SOUTHPORT LARGE RED GLOBE—A leading variety in all sections. Produces enormous crops of enormous onions. Clean, solid, heavy and perfect. No "thick necks," Sure cropper. Long keeper. Unequaled shipper. Our stock is excellent, being saved from only carefully selected bulbs. Our stock will be found quite free from necky and misshapen bulbs, and will invariably grow to a large size under proper conditions. The surface color is a rich dark red; the flesh sparkling white. The flavor is good and mild, admir-



able for boiling. Pkt., 5c.; oz., 20c.; ½ lb., 50c.; lb., \$1.75; 5 lbs. and over at \$1.50; prepaid.

SOUTHPORT WHITE GLOBE—A large globe-shaped sort, white skinner, handsome and a good keeper. A variety growing in favor. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.25; prepaid.

WHITE PORTUGAL, OR SILVER SKIN—Another white variety used by market gardeners; also used for growing sets and pickling. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00; postpaid.

EXTRA EARLY WHITE PEARL—The earliest of all white varieties; medium in size; very mild and pleasant. Pkt., 5c.; oz., 20c.; ½ lb., 50c.; lb., \$1.85; prepaid.

AUSTRALIAN BROWN—Noted for its extreme earliness and its keeping qualities. Skin deep brown. Globe shaped. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.50; postpaid.

Remember we give you Extras with Small Orders as well as Large ones



ONION FIELDS

OF THE

Springfield Seed Company

MAMMOTH SILVER KING, OR WHITE GARGANUS—An Italian variety, remarkably early and of enormous size, single bulb weighing from 2 to 3 pounds. Flat in shape and very delicate flavor. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$2.00; postpaid.

GIANT WHITE ITALIAN TRIPOLI (El Paso or Large Mexican)—Large bulbs, beautiful form and pure white skin. Under proper cultivation can be raised in a single season from seed, weighing from one to one and a half pounds, but will attain much larger size from sets grown in the spring and planted out in the fall to produce an early crop for the following season. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00; postpaid.

GIANT RED ROCCO—A large, globe-shaped Onion, with light reddish brown skin, flesh very mild, sweet and tender. In favorable seasons the bulbs grow to a very large size and ripen quite evenly. Pkt., 5c.; oz., 20c.; ½ lb., 60c.; lb., \$2.00; postpaid.

BERMUDA ONIONS—Planted extensively by the market garden-

ers in the South for shipping. These onions grow to an immense size and are of a fine form. The skin is thin, flesh white, fine grained, of mild and pleasant flavor. Will make an onion from one pound to one and a half pounds from seed, but to grow full size onions set out the bulbs the following spring. White or Red Bermuda. Pkt., 5c.; oz., 20c.; ¼ lb., 75c.; lb., \$2.50; postpaid.

ONION SET CULTURE.

Plant the sets 4 inches apart, in rows about half an inch deep and one foot between the rows, but do not cover the sets entirely. This applies to all varieties except the Potato Onion, which should be planted in rows 15 inches apart and 9 inches in the row, and then covered with about one inch of soil. All varieties can be set out in the fall as well as in the spring. Fall planting of Sets succeed very well and should be more generally practiced.

EGYPTIAN, OR PERENNIAL TREE—In this we have an entirely distinct variety of Onion. Differs from all others in that when once set out, without the slightest protection, it will come up the year after as soon as the frost is out of the ground. Grows rapidly and is ready for the market three to four weeks earlier than Onions grown from bottom sets. It never forms a very large bulb, is immensely productive, increasing from sets produced on top of the stalks. Especially adapted for growing green onions in early spring. Should be planted in fall. Pt., 15c.; qt., 25c.; postpaid.

POTATO ONION—Produces large bulbs and often as many as 20 small bulbs in a cluster from a single bulb planted. Excellent quality and size for bunching green. A good keeper, very early. Should be planted in fall. Color pale red. Qt., 30c., postpaid.

WHITE SHALLOTS—Bulbs large and a silvery white color, but never round. Produce small bulbs on the sides. Very desirable variety for early bunching. Qt., 30c., postpaid.

WHITE BOTTOM SETS—Qt., 25c.; postpaid.

YELLOW BOTTOM SETS—Qt., 25c., postpaid.

RED BOTTOM SETS—Qt., 25c., postpaid.

GENUINE RED TOP SUMMER SETS—Qt., 30c., postpaid.

We make a specialty of Onion Sets. Write for prices on bushel and large quantities.

OKRA OR GUMBO

CULTURE—Sow after settled weather in rows three feet apart. Thin to 10 inches in the row. Easily grown. Young pods make healthful and nutritious soup.

IMPROVED DWARF—A distinct early variety. Pods short but very numerous. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; postpaid.

WHITE VELVET—Pods large, white, smooth and of superior quality. An abundant bearer. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; postpaid.

MAMMOTH LONG POD—Plant dwarf but very productive. Pods long, slender, deep green and remain tender longer than most sorts. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; postpaid.

PARSLEY

CULTURE—Soak seeds several hours and sow in rows. If to be carried late into the fall, set 8 inches both ways. Hardy and easily grown. Will go through the winter with moderate protection. One ounce will sow 100 feet of drill.

DOUBLE CURLED—An excellent variety for garnishing meats. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; postpaid.

CHAMPION MOSS CURLED—Leaves beautifully curled and mossy. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; postpaid.

PEANUTS

EARLY VIRGINIA—Most profitable variety to grow and is more desirable than the common kind. Easily cultivated. Upright foliage, large pods and kernels. Pkt., 5c.; pt., 10c.; qt., 20c.; postpaid.

VEGETABLE PLANTS, Not Prepaid.

We have made very complete preparations to produce plants in quantities. Special prices to growers and canners. All kinds of vegetable plants in season. Our own growth. We received them fresh daily through the season, and will ship, carefully packed, at the following prices for shipment by express, at purchaser's expense:

EARLY CABBAGE PLANTS—For delivery in April and May. 30c. per 100; \$2.50 per 1,000.

LATE CABBAGE PLANTS—Ready for shipment July 1st. 25c. per 100; \$2.00 per 1,000.

CAULIFLOWER PLANTS—April. 25c. per dozen; \$1.50 per 100.

CELERY PLANTS—July 1st. 40c. per 100; \$3.00 per 1,000.

EGG PLANTS—May and June. 25c. per dozen; \$1.75 per 100.

LETTUCE PLANTS—April and May. 30c. per 100; \$2.50 per 1,000.

PEPPER PLANTS—Ready in May and June. 15c. per dozen; \$1.00 per 100.

SWEET POTATO PLANTS—All the leading varieties. 25c. per 100; \$2.00 per 1,000.

TOMATO PLANTS—Good stocky plants, twice transplanted. Ready in May and June. 10c. per dozen; 75c. per 100. Seed bed plants, \$4.00 per 1,000.

Give us ample time to select, pack and ship your order promptly, by doing so you will secure better plants.

TOBACCO, Pkt., 5c.; oz., 25c.; Postpaid.

CONNECTICUT SEED LEAF
RED BURLEY
CUBAN SEED LEAF
SWEET ORONOCHO
YELLOW PRYOR
BLUE PRYOR

WHITE BURLEY
GOLD FINDER
CONQUEROR
MISSOURI BROAD LEAF
BIG HAVANA
ONE SUCKER

Like Produces Like. Good Seeds. Good Results.

PUMPKINS



Large Cheese.

CULTURE—Seed is usually planted in May, among corn in hills 8 feet each way. When the frost kills the vines, cut the stems a few inches from the fruit and store in a dry place. One ounce of seed will plant twenty hills; 4 pounds to an acre.

LARGE CHEESE—Popular for pies and table use. Flat, round, orange colored skin and flesh of fine quality. A splendid keeper. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.; postpaid.

KING OF THE MAMMOTH—The giant among pumpkins. Often weigh over a hundred pounds. Salmon skin. Flesh bright yellow, fine grained and of good quality. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 90c.; postpaid.

TENNESSEE SWEET POTATO—Pear shaped, skin and flesh a creamy white. Flesh thick and when cooked resembles sweet potatoes. Keeps late in the spring. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.; postpaid.

SMALL EARLY SUGAR—A handsome small pumpkin, deep orange skin and flesh of fine sugary flavor. Fine grained, productive and keeps well. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.; postpaid.

CONNECTICUT FIELD—Very prolific and valuable for stock feeding. Pkt., 5c.; lb., 35c.; postpaid.

JONATHAN—Large, bottle shaped, with a crook neck. Very prolific, flesh clear and sweet. Fine for pies and a good keeper. Pkt., 5c.; oz., 10c.; ¼ lb., 85c.; postpaid.

JAPANESE PIE—Flesh thick. Small seed cavity in one end of the pumpkin. Fine grained, dry and sweet. Ripens early, keeps well and produces largely. Seeds marked like Japanese characters. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.; postpaid.

WHITE CUSHAW—Crooked neck with a hard creamy white shell. Thick flesh of excellent quality. Very popular. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.; postpaid.

GREEN STRIPED CUSHAW—Green and white striped. Flesh rich, yellow, solid, fine grained, very thick and sweet. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.; postpaid.

Write for special prices on Pumpkin Seed in large quantities.

PEPPER

Pepper should be sown in hot-beds or cold frame and transplanted about the last of May. Can be sown in the open ground when the weather becomes settled. Well fertilized, warm, mellow soil is best adapted for the culture of Peppers. Frequent applications of liquid manure should be given to get the best results.



Chinese Giant.

RUBY KING—Grows 4 to 6 inches in length, 3 to 4 inches in diameter. Color a bright red; very mild in flavor; used largely for stuffed pickles. Pkt., 5c.; oz., 20c.; ¼ lb., 65c.; postpaid.

LARGE BELL, OR BULL NOSE—An old standard variety, used for chopped pickles. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; postpaid.

CHINESE GIANT—Absolutely the largest red variety. Not only is it early in ripening and immensely productive for so large a Pepper, but its enormous size will cause it to sell most readily. The monstrous fruits are of thick, blocky form and of most brilliant, glossy scarlet. They grow 4 to 5 inches broad at the top, are of equal length, divided into four or more large ridges. The flesh is extremely mild and unusually thick. It makes an excellent salad sliced and served like tomatoes. Pkt., 10c.; ¼ oz., 15c.; ½ oz., 25c.; oz., 40c.; postpaid.

GOLDEN DAWN—Very ornamental and productive. Sweet and mild in flavor. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; postpaid.

RED CLUSTER—Small and grown in bunches on top of stalk. Hot and pungent. Very popular variety. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; postpaid.

SMALL CAYENNE—Red hot. Used for bottled Pepper sauce. Pkt., 5c.; oz., 25c.; ¼ lb., 60c.; postpaid.

LONG RED CAYENNE—Cone-shaped red pods, very hot and used largely for sauces and pickles. Pkt., 5c.; oz., 15c.; ¼ lb., 45c.; postpaid.

CELESTIAL—A striking oddity. A very beautiful plant—variegated. Fruit, when fully matured, a bright scarlet. Pkt., 5c.; oz., 25c.; ¼ lb., 60c.; postpaid.

SWEET MOUNTAIN, OR MAMMOTH—Similar to the Bull Nose, but larger and milder in flavor. For stuffed pickles, "mangoes," 6 to 7 inches. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; postpaid.

SMALL CHILI—Red, conical pods, about 2 inches long. Very hot, very prolific. Used for seasoning and sauces. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.; postpaid.

LARGE RED CHILI—Can be grown successfully in Southern Mo., Ark. Tex. and Ind. Ter. Extensively used in flavoring chile-concarne, the dish that is fast becoming so popular in restaurants and homes. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; postpaid.

NEW SWEET UPRIGHT CALAD—The best garden variety to date. Early and so mild in flavor that even the seed may be eaten raw. The fruits are of medium size, just right for stuffing and frying. In habit the bushes are of medium height and bear the Peppers upright instead of drooping, making gathering very easy. The color of the Peppers is a bright shiny green, which turns to a waxen red when ripe. Early, prolific, sweet and mild, fine size, making it all together an unsurpassed sort. Pkt., 10c.; oz., 50c.; postpaid.

 ✱ WRITE FOR SPECIAL PRICES ON LARGE QUANTITIES ✱

PARSNIPS



Hollow Crown Parsnip.

One ounce will sow 200 feet of drill, 5 pounds one acre. The value of the Parsnip as a vegetable is well known, but as a stock food not so well known. It is by far more nutritious than Carrots or Turnips, and in some sections is rapidly gaining favor as an economical farm product of great value, especially for dairy stock. Cultivation is similar to Carrots, and it is growing customary to leave Parsnips in the ground over winter, as frost improves the flavor.

LARGE SUGAR, OR HOLLOW CROWN—Deriving its name from a slight depression on the top or crown. Roots are comparatively short, with small top. Roots grown mostly below the surface, and have a clean, smooth skin. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; postpaid.

LONG WHITE SMOOTH—A long white root, very smooth, tender and sweet. Very hardy and a good winter keeper. Will stand the winter without protection. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; postpaid.

IMPROVED GUERNSEY—An improved strain, which has given general satisfaction. The roots do not grow so long as those of the Hollow Crown, but are of greater diameter and more easily gathered. Of excellent quality. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; postpaid.



GARDEN PEAS



EXTRA EARLY DWARF PEAS.

Wrinkled Varieties.

CULTURE—Sow the extra early varieties as soon as the ground can be worked in February or March. Continue for a succession every two weeks until June. Sow in double rows 6 inches apart, in rows 2 feet apart. One quart sows 80 feet of drill; 2 or 3 bushels to the acre.

On all peas to go by mail, add 8c. per pint and 15c. per quart for postage.

DELICIA OR DELICATESSEN

The distinctive merits of our Delicatessen Pea over any other variety are its extreme earliness combined with its abundant production of immense pods, each filled with from six to ten true, large, wrinkled marrow peas of the most delicious flavor—as large, as sweet and as tender as the finest late wrinkled marrow Pea grown. When one considers that Peas of this superior size and quality are ready for picking only a day or two later than the little round-seeded, hard-shell "Extra Earlies," one realizes what a valuable acquisition our Delicatessen Pea really is.

The vine of Delicatessen is of vigorous, robust growth, about 2½ feet high, heavy-stemmed, with luxuriant healthy foliage. It bears uniformly large, handsome pods of large and luscious peas, and although it commences bearing so very early, it continues for a long time. The peas also remain sweet and tender for some time after they are fit to pick. (See cut.) Pkt., 10c.; pt., 35c.; qt., 65c.; not postpaid.

SUTTON'S EXCELSIOR—The foremost of a new class of first early dwarf wrinkled Peas. The pods are larger and broader than the usual dwarf Peas, are square at the ends and are light green in color. The vines grow 18 inches high, are very hardy, permitting early planting, and are very heavy bearers. On account of its hardiness and its good-sized pods of excellent quality, many prefer it to the large-podded but tender Gradus. Season two days later than Nott's Excelsior. Pkt., 10c.; pt., 35c.; qt., 65c.; not postpaid.

LITTLE MARVEL—The vines average 15 inches in height and are heavily set with fine pods. The pods are well filled, being blunt or square at the bottom, 2½ inches long, and contain six or seven quite large dark-green peas. In season it is fully as early as Nott's Excelsior and a much better cropper. Pkt., 10c.; pt., 25c.; qt., 50c.; not postpaid.

CARTER'S EXTRA EARLY PREMIUM GEM—This variety is nearly as early as the American Wonder and the very productive vine is decidedly larger, growing to a height of from 15 to 18 inches. The pods are large and crowded with six to nine very large peas of fine quality. The seed is green, large, wrinkled, often flattened. Market gardeners use more of this sort than any other wrinkled Pea. Pkt., postpaid, 10c.; pt., 25c.; qt., 50c.; not prepaid.

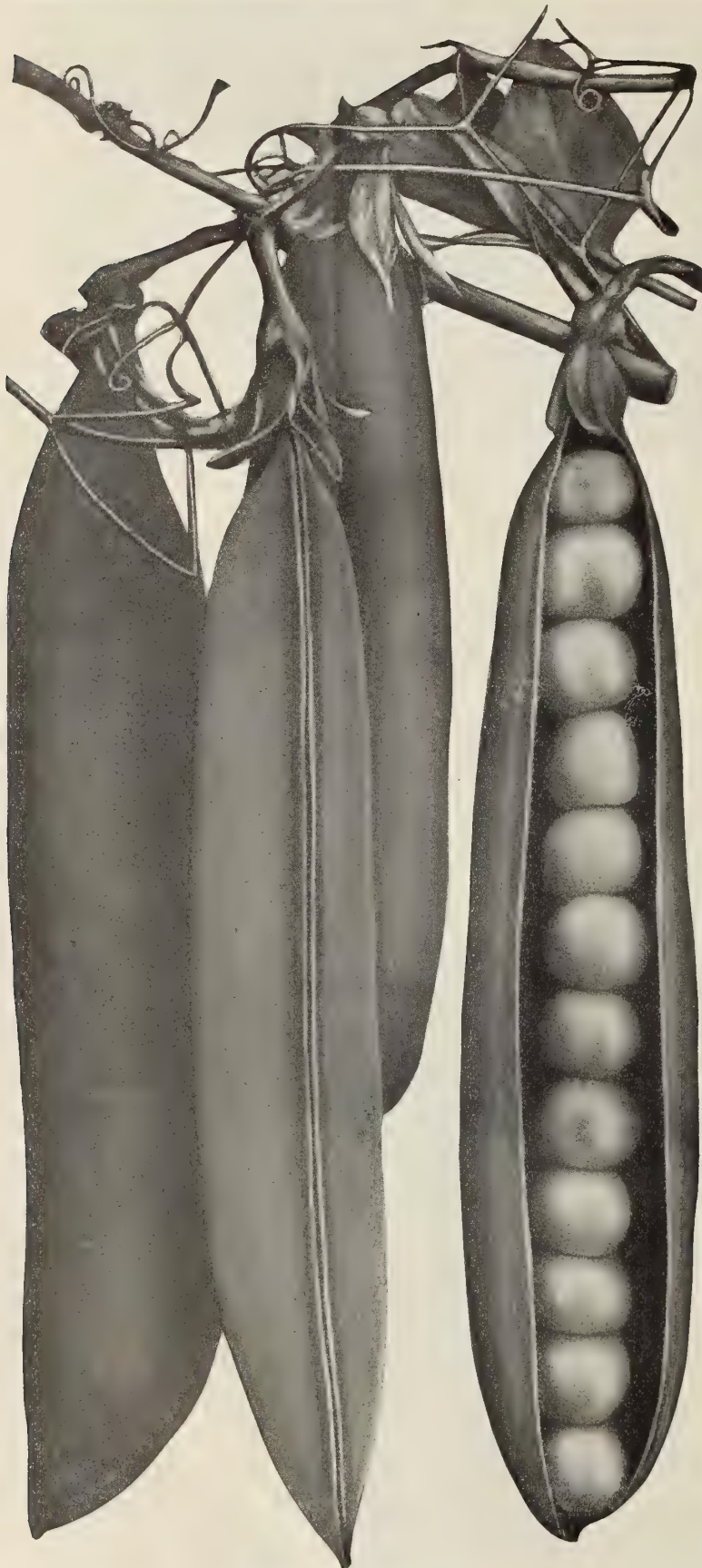
NOTT'S EXCELSIOR—Fifteen inches. Best Dwarf Wrinkled Pea. The pods average fully one-third larger than the American Wonder, and while it may not be quite so early by a few days, but all ready for picking at one time. Each pod contains six to eight large peas, which are unusually sweet. Pkt., postpaid, 10c.; pt., 25c.; qt., 50c.; not prepaid.

BLISS' AMERICAN WONDER—The earliest of the wrinkled Peas, and best for family use. Very dwarf, 9 inches high, and remarkably productive, well filled pods, flavor unsurpassed. We heartily recommend this valuable Pea. Pkt., postpaid, 10c.; pt., 25c.; qt., 50c.; not prepaid.

MCLEAN'S LITTLE GEM—Eighteen inches. A few days later than First and Best. Matures in eight weeks. When in a green state the Peas are sweet and delicious. Pkt., postpaid, 10c.; pt., 25c.; qt., 50c.; not prepaid.

NEW DWARF CHAMPION—A hardy robust, vigorous grower, producing uniform dark green pods of good size, with great abundance and unsurpassed quality. The pods are larger than the old Champion of England and more of them to the vine, although it grows only 2 to 2½ feet tall. A big demand will spring up for it among all friends of the Champion of England Pea. Pkt., 10c.; pt., 25c.; qt., 50c.; not postpaid.

GRADUS—Thirty inches. Earliest large podded Pea in existence. Pods 4 to 6 inches long and contain eight to ten peas. High, best quality. Pkt., 10c.; pt., 35c.; qt., 65c.; not postpaid.



Delicia, or Delicatessen.

DWARF SMOOTH SEEDED VARIETIES

FIRST AND BEST PEA, EARLIEST OF ALL

Is a round-seeded hard-shelled Pea that can be sown when frost is barely out of the ground before it is safe to sow wrinkled-seeded sorts. This, with its quickness of growth and maturity, renders it the earliest Pea on record. It is unequalled for general excellence, yield, size of pod and regularity of ripening. It is 2½ feet high, fully 6 inches dwarfed than the Philadelphia Extra Early, and produces pods of good size, which are well filled with round smooth peas of splendid flavor. It is a prodigious bearer, and in this last feature, with its extreme earliness, lies its great value to market gardeners and truckers. At the same time we know of no variety that is more popular than First and Best in private gardens. (See cut.) Pkt., postpaid, 5c.; pt., 25c.; qt., 50c.; not prepaid.

ALASKA—Without doubt the earliest and best smooth blue Pea, ranking with the First and Best as to evenness, uniformity in ripening and earliness. Ripens all the crop at once, and an invaluable variety for market gardeners and canners. Vines 2 to 2½ feet high. Pkt., postpaid, 5c.; pt., 25c.; qt., 50c.; not prepaid.

PHILADELPHIA EXTRA EARLY—A well screened extra early. Selected especially for market gardeners' trade, and ready for market in 37 days from time of planting. Height 22 inches. Pkt., postpaid, 5c.; pt., 25c.; qt., 50c.; not prepaid.

MAUD S.—Pods well filled, extremely early, a fine market variety. Height 2½ feet. Pkt., 5c.; pt., 25c.; qt., 50c.; not prepaid.

TOM THUMB—Very early and prolific and very dwarf, growing only 10 to 12 inches high. Pkt., postpaid, 5c.; pt., 25c.; qt., 50c.; not prepaid.

 ✱ WE PAY POSTAGE ON PACKETS. Add 8 cents pint to prices of Peas to include ✱
 ✱ postage. Larger quantities will be sent by express or freight at buyer's expense. ✱

GENERAL AND LATE CROP VARIETIES

CHAMPION OF ENGLAND—We offer a select strain of this grand old favorite, too well known to require extended description. It is a main crop and late variety of vigorous growth, about five feet high, producing abundantly large pods of immense Wrinkled Peas that are noted for their tenderness and rich marrow-like flavor. To equal in quality the Champion of England is the distinction attained by very few Peas. Pkt., 5c.; pt., 25c.; qt., 45c.; not postpaid.

TELEPHONE TRUE STOCK—Gardeners prefer this Pea to any other. Our stock this year has been carefully selected. Vines and leaves are large and coarse. Long, straight pods, filled with large, tender, sweet peas of fine flavor. Pkt., 5c.; pt., 25c.; qt., 50c.; not postpaid.



First and Best.

SHROPSHIRE HERO—Three feet. A robust grower, producing abundantly long, handsome pods, well filled with large, wrinkled Peas of exquisite flavor. Pkt., 5c.; pt., 25c.; qt., 50c.; not postpaid.

HEROINE—30 inches. Bears a profusion of long, slightly curled, pointed pods, containing eight to nine peas of fine quality. An immense cropper, yields much more than ordinary varieties. A great favorite for market purposes. Pkt., 5c.; pt., 25c.; qt., 50c.; not postpaid.

ADVANCEE—Two and one-half feet. A great favorite, and green, wrinkled Peas of fine flavor. Pkt., 5c.; pt., 25c.; qt., 50c.; not postpaid.

ABUNDANCE—Three feet. A deservedly popular variety, branching from the bottom and bearing abundantly roundish pods three to three and a half inches long; well filled with six or eight large wrinkled Peas of excellent quality. Pkt., 5c.; pt., 25c.; qt., 50c.; not postpaid.

HORSFORD'S MARKET—Two feet. A grand, wrinkled Pea, noted for its uniform growth and prodigious yield. The pods, though of medium size, are packed with Peas of sweet, delicious flavor. Pkt., 5c.; pt., 25c.; qt., 50c.; not postpaid.

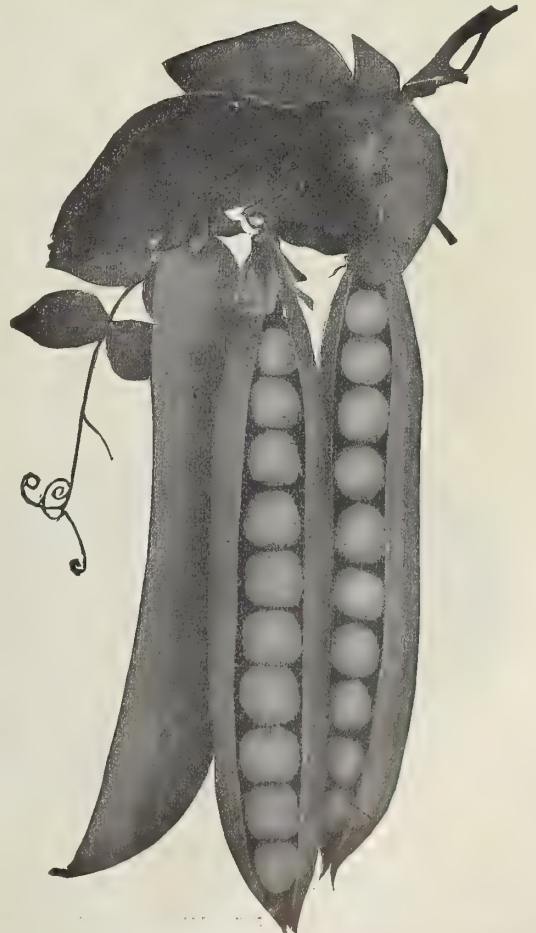
PRIDE OF THE MARKET—Two feet. A dwarf, robust-growing, wonderfully productive variety; long, handsome, dark green pods, well filled with large peas of fine quality. Pkt., 5c.; pt., 25c.; qt., 50c.; not postpaid.

EVERBEARING—A green seeded, wrinkled, slightly flattened variety. Height about two feet. Very hardy, vigorous grower and an enormous cropper. Pods and Peas of large size and superior quality. Pkt., 5c.; pt., 25c.; qt., 50c.; not postpaid.

WHITE MARROWFAT—A favorite sort; four feet. Pkt., 5c.; pt., 25c.; qt., 45c.

BLACK-EYED MARROWFAT—This, as well as the preceding, is extensively grown as a Field Pea; hardy and productive; four feet. Pkt., 5c.; pt., 25c.; qt., 45c.

ADMIRAL DEWEY—The largest podded Pea yet introduced. Height 3½ feet; pods a rich dark green color, frequently six inches long, beautifully shaped. Peas large, tender and of first class flavor. Pkt., 5c.; pt., 25c.; qt., 50c.; not postpaid.



Admiral Dewey

SUGAR PEAS (Edible Pods).

TALL, MELTING SUGAR, EDIBLE POD—Grows to a height of about five feet; bears profusion of large, broad pods, which are so brittle that they can be used in much the same way as a green bean. Pkt., 5c.; pt., 25c.; qt., 50c.; not postpaid.

DWARF GRAY SUGAR, EDIBLE PODS—This is the most desirable of all edible pod peas. It is a new variety, growing only one foot high, and is remarkable for its prolific character. The seeds are large, shriveled and indented, of a dark brown color. The pods are flat and crooked, and contain five or six peas. A very desirable acquisition. Pkt., 5c.; pt., 25c.; qt., 50c.; not postpaid.

TALL GRAY SUGAR, EDIBLE POD—A little later than the foregoing and somewhat taller; otherwise they are similar. Pkt., 5c.; pt., 25c.; qt., 50c.; not postpaid.



Extra Early Six Weeks

EXTRA EARLY SIX WEEKS—Dry weather does not hurt. The Six Weeks Market Potato not only is an extra early sort. It is a variety that is good all summer and fall, and is marketable any time 40 to 50 days after planting. A perfect potato in every respect.

BLISS TRIUMPH—The earliest potato in existence. A handsome variety and is wonderfully productive. The tubers are not large, but are of a fine medium size for early use, round as a ball, and a beautiful color. For several years it has been the most popular variety in the Southern states. Not desirable for main crop.

EARLY OHIO—Minnesota grown. This well known standard sort needs no description, having stood the test of years and holds its own as a favorite early potato for the home garden and the market.

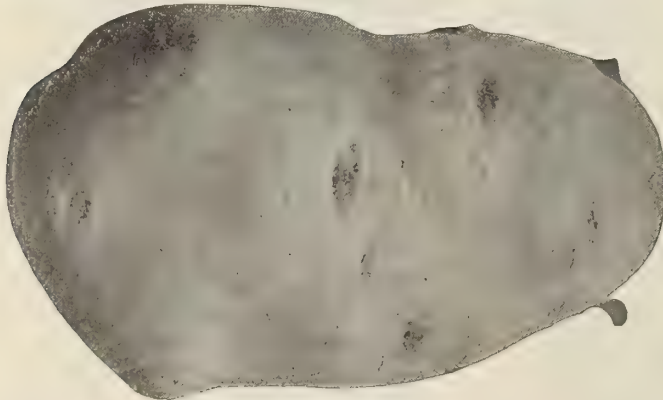
EARLY OHIO—Red River Stock. Especial attention is called to this strain of Ohios for market purposes. They are all of good average size, strictly pure, smooth and free from scab or rot, and outyield other early sorts. It is an especial favorite with marketmen, and the most profitable potato they can grow. Excellent keepers and shippers.

EXTRA EARLY PINGREE—This potato is an extra early and a great yielder. Tubers are round and regular in form, with shallow eyes, white skin somewhat netted. They grow closely together in the hill and attain an edible size in a remarkably short time. Quality first class, cooking up dry, white and mealy.

RURAL NEW YORK NO. 2—Quite distinct in appearance; flesh white; quality excellent; shape nearly round, somewhat flattened. Tubers large to very large, but not rough or irregular; eyes quite small; form symmetrical. One of the best late sorts. An enormous yielder.

WHITE NORTHERN—Doubtless the most popular late potato of the new varieties. It yields great crops of fine, large, smooth potatoes, even under the most unfavorable circumstances, and can be relied upon to bring in money. Its good appearance, uniformity of shape, size and productiveness makes this a leading variety to grow for market. It has but few eyes and they are very shallow. The skin and flesh are extremely white, no hollow or dark parts. Cooks up dry and mealy every time. We are confident that it will soon be the most popular variety for field culture because of its enormous productiveness and quality.

PAT'S CHOICE—A splendid medium late variety originated in Minnesota. The tubers are long, smooth and handsome skin, light pink in color, with eyes of a deeper shade, and covered with a thick netting, which always indicates excellent quality. We believe it to



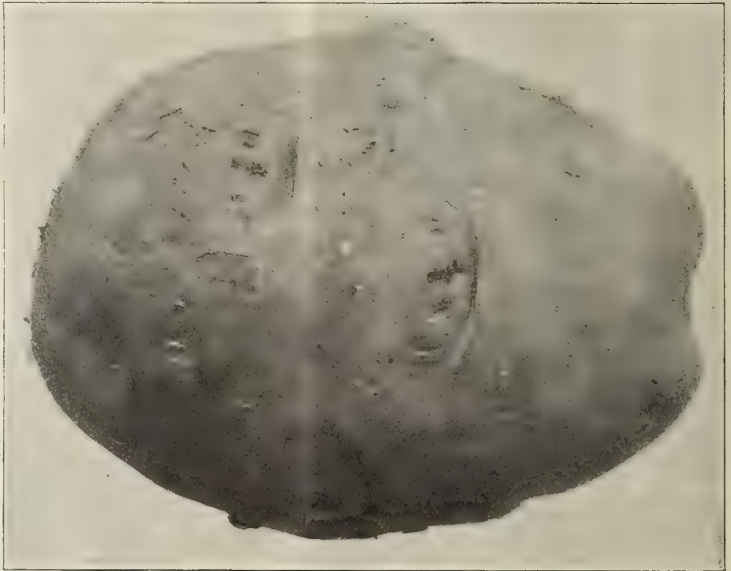
Burbank

POTATO CULTURE

Every eye on a potato would develop rootlets, even though it be on a scrap or peeling. Experiments have shown that the yield is much smaller from small seed because it does not contain sufficient starch to feed the growing plant until it puts out leaves to nourish it by the aid of heat and sunlight. Cut potatoes for planting lengthwise, distributing the eyes equally on cut pieces. The size of the piece planted is of more importance than the number of eyes. Potatoes having sprouted in cellars or pits, sending out long, colorless shoots, should not be selected for seed. The tubers have been robbed of considerable stored food and the shoots broken off would send out several weaker sprouts that would not produce results equal to the main branch. If the eyes have formed little bud knobs be careful to not rub them off in planting. Spring frosts are not injurious to crops; therefore plant as early as the soil will permit; last of February to first of March. If planted by March 1st potatoes would be ready for use June 1st, and a crop of late potatoes could follow on the same plot of ground, making two crops per year in this latitude. The average yield of potatoes in the United States is between 90 and 100 bushels per acre, but there are a number of records of 400 to 500 bushels per acre. The annual value of the crop exceeds \$100,000,000.

GREEN MOUNTAIN—Best general crop potato in cultivation. Large, fine grained, cooks dry and mealy, and is of fine flavor. Keeps perfect. Flesh and skin white.

PEERLESS—A large, round late sort of great size and beauty. Very productive. We get our Seed Potatoes direct from the best Northern growing stations, and are in position to name very interesting figures for straight, true stock. Write for prices.



Red River Ohio.

be one of the best general croppers now grown; a good seller, being remarkable for smoothness, size and beauty.

TRUE EARLY ROSE—The Early Rose is a standard early potato and is so well known as to need no description. Before you buy it will pay you to write for prices.

BURBANKS—The best late sort for our section, a good cropper and an excellent keeper. We handle only the finest seed stock.

We can supply for the greater part of the season many varieties not included in this list. Write for prices.

Our Seed Potatoes are hand-picked, high grade Northern grown stock, true to name. Every Potato grower knows that Northern Seed are absolutely necessary to plant in this climate to insure early maturity and increased yield.

We cannot make prices at this time good for the entire season, but assure our customers that their orders will be filled at the lowest prices prevailing on date order is received.

When in the market write us stating variety and quantity desired and let us quote you. We handle large quantities and can make prices that will interest you. Write for prices.

SEED SWEET POTATOES

ALSO SWEET POTATO PLANTS.

- | | |
|------------------------|------------------|
| VINELESS, OR BUNCH YAM | WHITE BRAZILIAN, |
| YELLOW NANSEMOND, | RED BERMUDA, |
| YELLOW JERSEY, | YELLOW YAM, |
| SOUTHERN QUEEN, | EARLY GOLDEN, |
| RED NANSEMOND, | KEY WEST, |
| RED JERSEY, | NIGGAR CHASERS. |

Owing to the perishable nature of Sweet Potatoes, our responsibility ceases upon delivery to railroad company and receipted for in good condition.

 ✪ WRITE FOR SPECIAL PRICES ON LARGE QUANTITIES ✪

 ✪ NO ORDER TOO SMALL TO RECEIVE OUR ATTENTION ✪

RADISH



Ponderosa

CULTURE—Radishes thrive, best in a light rich mellow soil, and to bring out their mild and tender qualities, must make a quick growth. Sow in drills ten inches apart and thin to two inches in the rows. Sow at intervals of two weeks for a succession. Sow winter varieties in July or August. One ounce of seed will sow 100 feet of drill.

THE NEW PONDEROSA RADISH—The monarch of Radishes. Compared with all earliest varieties it looks like an American eagle sitting on a limb with a row of pee-wees. Combines earliness with colossal size; growing to four times the size of other early varieties, and does not become pithy. Beautiful dark carmine color; globe turnip; flesh firm, juicy and tender. You may sow seed as soon as you can work the ground. Stock is extremely hardy for first out door planting as well as forcing and last of February is not too early to sow. A French production and our seed of this strain was imported directly from the grower and producer. Pkt., 5c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.00; postpaid.

CRIMSON GIANT FORCING—It is an entirely new type; its roots attain more than double the size of those of other forcing varieties without getting pithy or hollow. The new Giant Radish develops roots of six to seven inches in circumference and over an ounce in weight, their pure white flesh remaining firm and crisp and of the mildest flavor. But notwithstanding size and weight of its bulbs, it is second to none as a forcing variety. We can recommend this variety as an article of undoubted excellence. Pkt., 5c.; oz., 15c.; ¼ lb., 30c.; lb., 90c.; postpaid.

EARLY SCARLET TURNIP—Very popular. Medium size, color bright scarlet. Rapid growth and of mild flavor. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.; postpaid.

EARLY SCARLET TURNIP WHITE TIP—Same size and shape as the Scarlet Turnip, but more handsome and very popular with the market gardener. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.; postpaid.



Long Scarlet White Tipped.

ST. LOUIS WHITE SUMMER—Similar to White Strasburg, but somewhat longer. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.; postpaid.

MARKET GARDENERS' LONG SCARLET—A very popular variety of excellent quality. Standard for market and home gardens. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.; postpaid.

OLIVE SHAPED WHITE—Similar to Olive Shaped Scarlet except that the skin is pure white. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.; postpaid.

CHAMPION—Extra large, turnip shaped, blood red, very fine. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.; postpaid.

FRENCH BREAKFAST—Oval shaped, bright scarlet, with white tip. Fine for open ground or forcing. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.; postpaid.

PHILADELPHIA WHITE BOX—Turnip shaped. Remains solid, sweet and juicy long after maturity. Valuable for forcing. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.; postpaid.

EARLY WHITE TURNIP—Similar to Philadelphia White Box. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.; postpaid.

OLIVE SHAPED SCARLET—Half long, oval shaped, bright scarlet. Flesh white; crisp and mild. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.; postpaid.

LONG WHITE VIENNA OR LADY FINGER—Skin and flesh pure white. Long beautiful shape. Very popular. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.; postpaid.

WHITE STRASSBURG—Roots oblong, tapering shape, skin and flesh pure white. Of quick growth, and is firm, brittle and tender. Excellent for summer use. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.; postpaid.

TRIUMPH—Early round, white, with stripes of bright scarlet. Has short leaves and is a quick growth. Pkt., 5c.; oz., 15c.; ¼ lb., 25c.; lb., 90c.; postpaid.

HALF LONG DEEP SCARLET—Same form as Long Scarlet, but only half as long. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.; postpaid.

WOODS' EARLY FRAME—Thicker and not quite so long as the Long Scarlet. Very brittle and of fine flavor. Brilliant scarlet. Suitable for forcing and early market garden. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.; postpaid.

ICICLE—Extra early, long and smooth. Small tops. Roots transparent white. Very crisp and brittle. One of the best. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.; postpaid.

GIANT WHITE STUTTGART—Large top shaped, white, smooth, brittle and never gets pithy. Second early. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.; postpaid.

IMPROVED CHARTIER—Best all season radish for the open ground. Scarlet rose color, shading to pure waxy white at the tip. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.; postpaid.

ALL SEASONS—Has large ivory white roots of excellent quality. Very valuable for summer and fall. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.; postpaid.

YELLOW SUMMER TURNIP—Nearly round. Skin a russet yellow. Flesh white and crisp. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.; postpaid.

 ✱ WRITE FOR SPECIAL PRICES ON LARGER QUANTITIES THAN ABOVE. ✱

LONG SCARLET WHITE TIPPED

LONG SCARLET WHITE TIPPED—Second early sort, long and of a clear rose color, shading to pure waxy white at the tips. One of the best all-seasons' Radishes for the open ground, and keeps crisp for two months. A plate of Long Scarlet White Tipped and Ponderosa Radishes served together circumscribes the sphere of epicures. Pkt., 5c.; oz., 10c.; ¼ lb., 70c.; postpaid.

 ✱ We are unable to make definite prices on Field Seeds, Seed Potatoes, etc., in quantities in this Catalog. If you will write us, sending us a list of your probable requirements, we shall be glad to quote our lowest prices by mail. ✱



Icicle



SQUASH



White Bush Squash

CULTURE—Plant about the middle of spring in hills, the early sorts, four to six feet apart, and the late, eight to twelve feet apart. Thin to three plants in the hill. Soil cannot be too rich. Use slug shot to kill the bugs. One ounce to fifty hills, four to six pounds per acre.

WHITE BUSH, OR PATTYPAN—A pure white scalloped variety, flat, very early, and a great favorite. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 75c.; postpaid.

MAMMOTH YELLOW BUSH—Very similar to White Bush, except in color. It is a deep golden yellow, very productive and of fine quality. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.; postpaid.

GIANT SUMMER CROCKNECK—Much larger than the common variety and a great seller. Very early. Has a rough warty surface, a deep orange yellow color. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.; postpaid.

NEW RED OR GOLDEN HUBBARD—A perfect type of the Green Hubbard, except in color, which is a bright, deep orange yellow. It is very handsome and attractive and a ready seller. Quality and flavor the best. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.; postpaid.

CHICAGO WARTED HUBBARD—The ideal Hubbard for home or market. Very large and uniform in size. Has a rich dark green skin which is rough and heavily warted. It attracts when other kinds are a drug on the market. The vines grow strong and vigorous and are as productive as the old variety. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 90c.; postpaid.

MAMMOTH CHILI—Attaining an enormous size and especially recommended for exhibition purposes and stock feeding; also a good cooker. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.; postpaid.

MARBLEHEAD MAMMOTH—Somewhat resembling the Hubbard, a hard shell, dry, delicious and much esteemed sort. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.; postpaid.

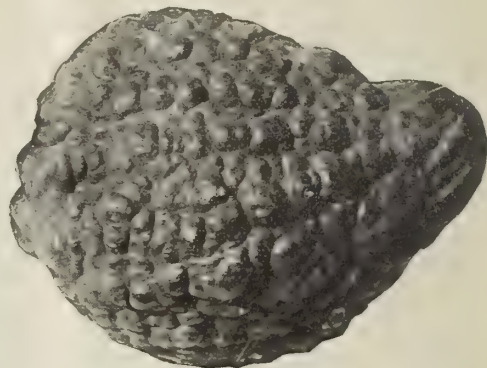
WINTER CROCKNECK—Vines very long, hardy and vigorous; size medium. Flesh solid and of good flavor. A beautiful salmon color. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.; postpaid.

HUBBARD—It still retains its place as the standard of all winter varieties; hard shell and a good keeper. Too well known to need further description. Our seed is well selected and will give entire satisfaction. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 70c.; postpaid.

BOSTON MARROW—Especially adapted for pies; flesh a salmon color. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.; postpaid.

FORDHOOK—Can be used at all stages of growth, keeping quality unsurpassed. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.; postpaid.

* LIKE PRODUCERS LIKE. GOOD SEEDS. GOOD RESULTS. *



Warty Hubbard

WINTER RADISH

LONG SCARLET CHINA—Bright rose color, flesh white, firm and of superior quality. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.; postpaid.

CALIFORNIA MAMMOTH WHITE—Extra large. Flesh white, solid, tender and crisp. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.; postpaid.

LONG WHITE SPANISH—Flesh white, solid and pungent. Milder than Black Spanish. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.; postpaid.

LONG BLACK SPANISH—Very hardy and large. Flesh white, solid and a good keeper. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.; postpaid.

ROUND BLACK SPANISH—Globe shaped, black skin with white flesh, highly flavored. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.; postpaid.

SALSIFY, (Vegetable Oyster.)

Cultivate the same as Carrots or Parsnips. Hardy. Can remain in the ground all winter, for spring use, but should be taken up before it starts growing. Succeeds best in light well enriched soil. Sow early in the spring in drills, 15 inches apart, one inch deep, thin to 6 inches in the row. One ounce will sow fifty feet of drill.

MAMMOTH SANDWICH ISLAND—Roots white, smooth, of enormous size, and of superior quality. Pkt., 5c.; oz., 15c.; ¼ lb., 35c.; postpaid.

LARGE WHITE—A common variety. Roots medium size, smooth. White flesh. Pkt., 5c.; oz., 15c.; ¼ lb., 35c.; postpaid.

* NO ORDER TOO SMALL TO RECEIVE OUR ATTENTION *

SPINACH

CULTURE—Sow early in the spring for summer use, in deep, rich soil in drills one foot apart. Cover one inch. Sow at intervals of two weeks throughout the season. For early spring use, sow winter varieties the first of September. Protect with straw. One ounce will sow 80 feet of drill, ten pounds to the acre.

BLOOMSDALE OR SAVOY LEAVED—The finest plant for greens in cultivation. Leaves large, and curled like Savoy Cabbage. The hardest and most productive. Oz., 5c.; ½ lb., 10c.; lb., 30c.; postpaid.

PRICKLY WINTER—Extremely hardy. Seed prickly and leaves smaller than the other varieties. Oz., 5c.; ¼ lb., 15c.; lb., 40c.; postpaid.

ROUND THICK LEAF—An excellent standard variety for spring sowing. Oz., 5c.; ¼ lb., 10c.; lb., 30c.; postpaid.

LONG STANDING—This very valuable sort, slow to seed. Oz., 5c.; ¼ lb., 10c.; lb., 30c.; postpaid.

WRITE FOR PRICES ON SPINACH IN LARGE QUANTITIES.

RHUBARB, (Pie Plant.)

LINNAEUS—Early, large, tender and very fine. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; postpaid.

VICTORIA—Very large, the finest cooking variety. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; postpaid.

RHUBARB ROOTS—Good strong crowns of three or more eyes; each, 10c.; dozen \$1.00, freight or express.

* WRITE FOR SPECIAL PRICES ON LARGE QUANTITIES. *



TOMATOES



CULTURE—Sow seed in hot bed first week in March, in drills $\frac{1}{4}$ inch deep. When plants are about two inches high, transplant into another hot bed; in that way the plants are strengthened and branch out better. Plant in the open ground as soon as danger from frost is over, three feet apart, for early crop, and for late crop, when the soil is heavy, plant four feet apart. Water freely when transplanting, and protect for a few days until the plants are fairly started.

We make a specialty of Tomato Seed for canners. Write for prices on large quantities.

SPRINGFIELD SEED COMPANY'S CRIMSON GIANT TOMATO—Is the largest smooth tomato ever produced. The meat is solid, has no spongy cavities and very few seeds. We claim that the Crimson Giant is the most beautiful in appearance, delicious in flavor and abundant in yield. That it is among the earliest ripening, being but a few days later than the Earliana, yet growing to a Ponderous size and solid throughout. The illustration here is from a cluster that averaged two pounds to each tomato and ripen July 15th. The vines will bear large clusters of fruit from July until killed by frost. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; postpaid.

THE KENTUCKY CARDINAL—Stands alone, being in every sense an early, medium, late and main crop tomato. It bears tomatoes until killed by frost. You will need no other. The finest slicing tomato in existence. Wonderfully prolific, deep cardinal red color from blossom to stem, perfectly round and smooth as satin. Free from specks and imperfections common to other sorts and so vigorous, compact and healthy that it resists drouth or wet periods in succession. Sow seeds in hot beds or indoors during February, using a mixture in equal parts of soil, sawdust, sand and fertilizer. Plant in open ground about May 1st. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; postpaid. Plants on sale after May 1st, 10c dozen.

BEAUTY (Livingston's)—A very fine variety of large size; grows in clusters of four or five; color glossy crimson with a purplish tinge. Very solid with a tough skin, making it a desirable market variety. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; postpaid.

FAVORITE (Livingston's)—Ripens evenly, and early, holding its size to the end of the season; very prolific; good flavor; few seeds, flesh solid. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; postpaid.

PERFECTION (Livingston's)—Larger than the Acme; color, blood red; it is one of the first to ripen; almost round in shape, perfectly smooth and very solid; of the best quality; enormously productive. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; postpaid.

CRIMSON CUSHION—Of immense size, one to two pounds each; smooth, almost seedless and solid as beefsteak; a prodigious and continuous bearer until frost, color rich crimson scarlet; quality meaty and superb, either sliced or cooked. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00; postpaid.

MATCHLESS—A large bright red Tomato, which has become very popular in the East. The fruit is large, very smooth and symmetrical, ripening well to the stem. The flesh is of a bright, rich red color and of fine quality, though softer than that of either Improved Trophy or Stone. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; postpaid.

LIVINGSTON'S NEW CORELESS—Better than Stone. That is putting it very strong, for Livingston's Stone is admitted everywhere to be "by far the best" red tomato ever introduced, but Livingston's New Coreless has less indenture and no corrugations at stem end, and has absolutely no green core, hence a model of perfection for canning and catsup. Its perfect shape saves material and labor in preparing for use. The fruit and flesh are rich bright red, distinct in shape, large in size and a great cropper. Pkt., 20c., postpaid.

DWARF CHAMPION—Dwarf and compact; stands straight up with thick, short jointed stems, and on this account it is very valuable, as it can be planted exceedingly close and still leave plenty of room to gather the fruit. An extra early sort and therefore val-



Springfield Seed Company's Crimson Giant

uable to market gardeners, as the first Tomatoes in the market always command the highest price. The fruit is of purplish pink color, round and smooth, greatly resembling the Acme. Flesh very solid and of the finest quality. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 90c.; postpaid.

NEW DWARF STONE (Livingston's)—In habit of vine it resembles Dwarf Champion, but is of stronger growth and more erect. The fruit resembles Livingston's Stone in color, shape, and, what is more remarkable, it is almost the same in size. The Dwarf Stone is fully double the size of Dwarf Champion, and yet equally as early. More productive. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 90c.; postpaid.

ROYAL RED—Royal Red is a first-class main crop variety for the shipper, market and private gardeners; of special value to the canner and catsup maker. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; postpaid.

ACME—An old-time popular variety, having at all times given entire satisfaction. Round, smooth, purple. Our seed is of good selection. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; postpaid.

IMPROVED TROPHY—Our Improved Trophy is a sort whose large, vigorous and productive, solid, smooth, fine flavored, beautiful fruit, will satisfy the most exacting. Much liked for canning as well as fresh. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; postpaid.

GOLDEN QUEEN—The superior flavor of the yellow varieties is bringing them into favor as a table fruit; and those who think of a yellow Tomato as rough fruit of the old yellow sort will be surprised at this smooth, beautiful fruit, it being as smooth as the best of the red varieties, and of a fine and distinct flavor. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; postpaid.

SPARK'S EARLIANA—Fruit of large size; handsome shape and color. In solidity and quality equal to any. Has proven very remunerative to growers for market. Grows in clusters of five to eight fruits. Ripens clear to the stem and does not crack. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; postpaid.

NEW GLOBE TOMATO—The fruits of this Tomato are large, very smooth; flesh firm with few seeds and has an ideal, glossy, rose color. One of the most desirable qualities is productiveness, in which it is hardly exceeded by the enormous yielding Stone variety. At first the variety showed a considerable percentage of flat fruit, but by reason of the careful selection which is being practiced, the variety has improved immensely in this respect and there is only a small percentage now which varies from the true type. Pkt., 10c.; oz., 30c.; postpaid.

TOMATOES.—(Continued.)



Ponderosa.

PEAR-SHAPED RED AND YELLOW—Small fruit, growing in clusters. Exceedingly productive. Much used for preserving. Each, red or yellow, per pkt., 5c.; oz., 25c.; ¼ lb., 75c.; postpaid.

PONDEROSA—Not only the largest-fruited Tomato grown, frequently weighing two to four pounds each, but the handsomest and finest in quality; almost as solid as beefsteak, nearly seedless, with firm, meaty, rich red flesh, unequaled and delicious either sliced, cooked or canned; a healthy luxuriant grower, prodigious and continues yielding from early in the season until frost. Pkt., 10c.; oz., 30c.; ¼ lb., \$1.00; postpaid.

NEW STONE—Unquestionably the best general crop Tomato in cultivation for the home garden and for the canner. For the market gardener it stands without a peer. For several years we have made a specialty of our New Stone Tomato with remarkable success. Our strain this season is the same as heretofore. We feel assured of the patronage of those who have used our New Stone, and would ask those who have been buying elsewhere to give us an opportunity to make you prices. Write for special prices in large quantities. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; postpaid.

BEST OF ALL—Excellent for forcing. A great producer, with fruit of good size. Firm and contains but few seeds. Deep scarlet. Pkt., 5c.; oz., 40c.; postpaid.

RED CHERRY—Fruit small, about five-eighths of an inch in diameter; perfectly round and smooth. Fine for pickles and preserves. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; postpaid.

YELLOW PLUM—The fruits average two inches in length and one inch in diameter, of a bright lemon-yellow; are solid, fleshy and of excellent flavor. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; postpaid.

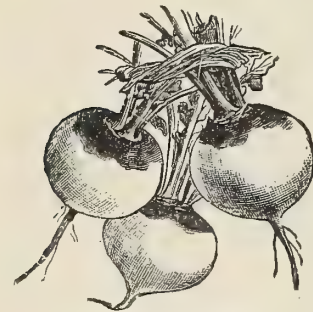
HUSK TOMATO, OR GROUND CHERRY—This is liked by many for preserving or eating from the hand. Pkt., 5c.; oz., 25c.; postpaid.

TURNIPS

CULTURE—One ounce will sow 150 feet of drill; 1 to 1½ pounds to the acre. For the early spring and summer crop, get them started as soon as possible so they may have grown to a sufficient size before hot weather. For the main crop sow the middle of July to the last of August. For feeding stock in fall or winter, there is nothing superior to the Turnips and Ruta Bagas, as they yield a larger amount of food than anything else on the same space of ground.

EXTRA EARLY PURPLE TOP MILAN—The earliest in cultivation, two weeks earlier than Purple Top Strap Leaf. Bulb is flat, of medium size, quite smooth, with purple top. Flesh white, hard

PURPLE-TOP WHITE GLOBE—A variety of decided merit. Globular shape, very handsome and a very superior quality, either for the table or stock. It is a heavy producer, early, of rapid growth, an excellent keeper. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c.; postpaid.



Purple-Top White Globe.

EARLY FLAT DUTCH, OR WHITE STRAP-LEAVED—A standard variety; good size; pure white; small top, with but few leaves; very sweet. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c.; postpaid.

EARLY SNOWBALL—(Extra Early)—This is a small white globe very quick, earliest in maturity of its form and character. We highly recommend it for table purposes. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c.; postpaid.

POMERANEAN WHITE GLOBE—This is one of the most productive kinds, and in good, rich soil roots will frequently grow to 12 pounds in weight. It is one of perfect globe shape. Skin white and smooth. Leaves large and dark green. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c.; postpaid.

LONG WHITE, OR COW HORN—Grows partly above ground. Very productive. Flesh white, fine grained, sweet and of excellent quality, for family and market gardener's use. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c.; postpaid.

EARLY WHITE EGG—An egg-shaped variety for spring or fall sowing. Flesh white, firm, fine grained, mild and sweet. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.; postpaid.

GOLDEN GLOBE—One of the best varieties for a field crop for stock. Flesh yellow, fine grained and sweet. Color of skin yellow, top green. Hardy, keeps well, a good cropper. Very popular in the South. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c.; postpaid.

LARGE WHITE NORFOLK—A standard sort, usually grown for feeding stock. It is of very good quality for the table. The roots are large, spherical or slightly flattened and very white. It is allowed to stand out during the winter in the South and Southwest, where the tops are used for greens. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c.; postpaid.

Prices herein are postpaid. By freight or express deduct 8c. per lb.

RUTA-BAGAS, SWEDISH OR RUSSIAN TURNIP

CULTURE—One ounce will sow 150 feet of drill; 2 pounds will sow an acre. Should be sown from the 20th of June to the middle of July, in drills two feet apart, and thinned out at the first working to 10 inches between plants. Flesh close grained. Will endure considerable cold.

FOR STOCK.

AMERICAN PURPLE-TOP—For years a great yielder and unsurpassed for stock feed. Tops small, bulbs very large, sweet and of the richest flavor.

and of finest quality. It is an extra good keeper. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.; postpaid.

EXTRA EARLY WHITE MILAN—Very similar to the preceding, except the skin is a pure white, thus making it especially desirable for forcing. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 65c.; postpaid.

PURPLE-TOP STRAP-LEAVED—The standard for this part of the country. Superior for early or late planting. Round, flat, good-sized, small top, with but few leaves. Flesh very fine grained. Flavor good. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c.; postpaid.



Purple-Top Strap-Leaved.

SEVEN TOP—Cultivated extensively for the tops, which are used for greens. It is hardy and will grow all winter, but does not produce a good root, and is only recommended for the tops. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c.; postpaid.

YELLOW ABERDEEN—Excellent for feeding cattle. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c.; postpaid.

MIXTURE OF TURNIPS—This mixture contains all the leading varieties of both early and late, and by sowing the seed a continuous supply may be had throughout the season. You cannot do better than to plant some of this seed. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 40c.; postpaid.

WHITE RUSSIAN, OR LARGE WHITE RUTA-BAGA—Grows very large, excellent for table or stock. Flesh firm, white and solid. Has a very rich and sweet flavor; the best keeper of any.

SKIRVING'S PURPLE TOP—Attains an immense size. Yellow flesh, fine flavor, solid and a very good keeper. Very nutritious.

IMPERIAL HARDY SWEDE—Grows to a large size with a single tap root and produces a fine bulb, always of good quality, and is one of the best for winter use.

Prices: Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 40c.; postpaid.



Our collection of Flower Seeds includes the best strains from the largest growers in America and Europe. Every variety of value will be found in this list and the seed can be depended upon as fresh and pure. All orders, whether large or small, will have careful attention. Prices on Flower Seed are postpaid.

Directions for planting and culture printed on each package of Flower Seed.

AGERATUM—Flower light blue or lavender and white, desirable for bouquets, furnishing continuous bloom during the summer, and plants flower well in the house in winter. Pkt., 5c.

ALYSSUM SWEET—LITTLE GEM—Very dwarf; only three to four inches in height. A single plant will cover a space a foot in diameter. Blooms from spring until fall. Very fragrant. Pkt., 5c.

AMARANTHUS (Tricolor Splendens)—A hardy annual with leaves of red, yellow and green. Well known as "Joseph's Coat." Pkt., 5c.

GRAND PRIZE VICTORIA ASTERS.

Magnificent flowers, massive and showy, with regular overlapping petals double clear to the center. The flowers measure 4 to 5 inches across, and the colors include many extremely delicate and some gorgeous shades. The plants grow very evenly, about 18 inches high, and carry 25 to 40 flowers on a plant. Perhaps the handsomest Asters, taken all in all, for size, color and profusion of bloom.

	Postpaid.
Victoria, Finest Mixed.....	Pkt. \$.10
" Pure White	Pkt. .10
" Purple	Pkt. .10
" Scarlet, dark and rich.....	Pkt. .10
" Sky-Blue	Pkt. .10
" White, Tinted Rose.....	Pkt. .10
" Peach Blossom-Pink.....	Pkt. .10
" Miss Alice Roosevelt, new; a blending of prim- rose and flesh-pink.....	Pkt. .10
" Maroon, new; dark blood-red, almost black.....	Pkt. .10
" Collection of 6 colors, 40c.; 12 colors.....	.75

LATE BRANCHING ASTER—White, pink and purple. Flowers borne on long stems. Late-blooming class. Very valuable for cutting. Pkt., 10c., postpaid.

PLANTS—Bedding-out plants (Asters) on sale after the 1st of May at 25c. per dozen. Not prepaid.

TRUFFAUT'S PEONY-FLOWERED PERFECTION—Large globular flowers of perfect form with incurved petals, a very magnificent variety. Extra fine mixture. Pkt., 5c., postpaid.

ANTIRRHINUM, Snapdragon

QUEEN VICTORIA—The best of the tall-growing white Snapdragons. The plants (3 feet) produce beautiful, large, white flowers on long, slender stems the entire season. Pkt., 10c., postpaid.

TALL SORTS—Mixed. Pkt., 5c.; ¼ oz., 15c.; postpaid.

COSMOS—White, pink yellow and mixed varieties. Pkt., 5c.

CALLIOPSIS, OR COREOPSIS—Hardy annual plant of easy culture. One of the brightest and richest of our annuals. Adapted for cut flowers and bouquets. Tall and dwarf. Pkt., 5c.

CANARY BIRD FLOWER—A beautiful climbing plant. Flowers resemble a canary bird with wings expanded. Pkt., 10c.

CANNA—MADAME CROZY—Flowers beautiful scarlet with gold border around each petal. Foliage green. Pkt., 10c.

GIANT CANNA MIXTURE—Pkt., 5c.

CARNATION—(See Dianthus.)

CHRYSANTHEMUM CARINATUM—Single or double mixed. Pkt., 5c.

CELOSIA ORISTATA (Cockscomb)—Beautiful large cockscomb, mixed. Pkt., 5c.

COBAEA SCANDENS—One of the finest of our summer climbers, with fine foliage and large bell-shaped flowers. Pkt., 10c.

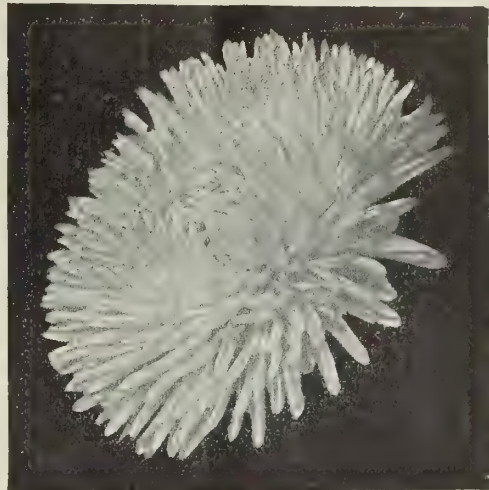
CANDYTUFT—GIANT HYACINTH-FLOWERED—An improved strain, producing immense trusses of bloom, frequently measuring 6 inches in length by 3 inches through. Very similar in shape to a Dutch Hyacinth. Fine for bedding and cutting. We offer the choicest sorts.

CANDYTUFT—GIANT WHITE—Pkt., 10c.

CANDYTUFT—LITTLE PRINCE—In appearance like the Giant Hyacinth-Flowered. The bushes grow only about 6 inches high. The spikes are very massive, pure white, and planted in a row or a mass the effect is very fine. It also makes a fine pot plant. Pkt., 10c.

CANDYTUFT—Splendid, mixed. Pkt., 5c.

CANTERBURY BELL—Prize mixture, single and double, all varieties. Pkt., 10c.



ASTERS

	Postpaid.
Giant Comet, Mixed.....	Pkt. \$.10
" Beauty, flowers open white, changing to clear light blue.....	Pkt. .15
" Brilliant, an effective shade of brilliant car- mine	Pkt. .15
" Queen of Spain, primrose yellow, shaded blush	Pkt. .15
" Crimson	Pkt. .10
" White	Pkt. .10
" Rose-Pink	Pkt. .10
" Deep Blue	Pkt. .10
" Lavender	Pkt. .10
" Yellow	Pkt. .10
" Bride, white, changing to rose.....	Pkt. .10
" Salmon-Rose	Pkt. .10

COLLECTION GIANT COMET ASTERS—Six separate colors, 50c., postpaid.

Directions for planting and culture printed on each package of Flower Seed.

BALSAM (Lady Slipper)—Improved double Camelia flowered. A family of beautiful annuals; large showy flowers; fine mixed. Pkt., 5c., postpaid.

BALSAM—Improved double Camelia flowers; pure white. Pkt., 5c., postpaid.

BALSAM—Rose-flowered; double; mixed. Pkt., 5c., postpaid.

BALLOON VINE—Pkt., 5c., postpaid.

BALSAM APPLE—Very curious, rapid and dense climbers, with ornamental foliage and golden yellow fruit, which opens when ripe, showing the seed and blood-red inside. Pkt., 5c., postpaid.

BACHELOR'S BUTTONS (Centaurea Cyanus)—Our strain of this splendid annual is especially fine. The true old-fashioned Bachelor's Buttons. Pkt., 5c., postpaid.

CUCUMIS PERENNIS (Ornamental Cucumber)—Very fine. Pkt., 5c., postpaid.

CUCUMIS ANGUINUS FLEXUOSUS (Ornamental Cucumber)—Rapid growing annual. Pkt., 5c.

CYPRESS VINE—White, scarlet, pink and mixed. Each, pkt., 5c.

CHINESE LANTERN PLANT (Physalis)—An annual, bearing bright red pendant fruit, which can be used in bouquet of dried flowers. Pkt., 10c.

DIANTHUS OR PINKS

DIANTHUS CARIOPHILLUS FL PL (Carnation)—The most important seed novelty produced in many years, for flower beds in summer as well as winter blooming. Plants dwarf and flower abundantly in great variety of colors, striped, mottled, variegated; very fragrant. Pkt., 10c.

HEDEWIGGI (Double Japan Pink)—Mixed. Pkt., 5c.

MARGUERITE—Extra fine. Mixed. Pkt., 10c.

LACINIATUS—Double varieties. Mixed. Pkt., 5c.

CHINENSIS (Double Chinese Pink)—Mixed. Pkt., 5c.

BARBATUS FL PL (Double Sweet William)—Fine mixed. Pkt., 5c.

BARBATUS—Single. Fine mixed. Pkt., 5c.



Shasta Daisy.

DOUBLE DAISY—One of the most charming of our early spring flowers. A perennial plant, quite hardy, easy culture, but requires shade. Pkt., 5c.

DIGITALIS GLOXINIAFLORA (Fox Glove)—Perennial. Very showy. Mixed. Pkt., 5c.

DOLICHOS LABLAB (Hyacinth Bean)—A rapid growing climber of easy cultivation, bearing a profusion of pea-shaped purple blossoms. The seed are of a beautiful deep purple shade in fall. Mixed. Pkt., 5c.

ESCHSCHOLTZIA (California Poppy)—A most beautiful, showy and garden flower. Easily grown, extra varieties. Mixed. Pkt., 5c.

FORGET-ME-NOT (*Myositis Alpestris*)—Mixed. Pkt., 5c.

FOUR O'CLOCKS (*Mirabilis*)—Marvel of Peru. Extra fine, mixed. Pkt., 5c.

GODETIA, OR SATIN FLOWER—One of the most beautiful of our hardy annuals and the easiest of all in cultivation. Dwarf in habit and fairly covered with flowers of brilliant and delicate colors. Fine mixed. Pkt., 5c.

GERANIUMS—Extra fine mixture. Pkt., 10c.

GYPSOPHILA (Baby's Breath)—Dwarf branching plants of quick growth and freedom of bloom. Flowers small, star-like, and borne in feathery sprays, which are highly esteemed for cut flowers.

...ELEGANS—A delicate pink, splendid for carpeting in rose or lily bed. Pkt., 5c.

PANICULATA—Flowers white. A hardy perennial which will stay in the ground all winter. Pkt., 5c.

DAHLIA VARIABILIS FL PL—DoDuble mixed. Pkt., 10c.; single, mixed. Pkt., 5c.

KOCHIA SCOPARIA—This highly ornamental annual plant grows quickly from seed sown in the open ground, when the trees are coming out in leaf. The plants branch freely and the stems are clothed with slender light green leaves. Early in the fall the ends of the shoots are thickly set with small bright scarlet flowers—the bushy plants resembling balls of fire. The plants are equally showy, planted singly to show the round ball-like form on all sides, or grown in continuous rows. Pkt., 10c.

LOBELIA ERINUS GRACILIS—A dwarf plant with delicate, graceful foliage and pretty fine flowers. Of value chiefly for hanging baskets and borders. Mixed varieties. Pkt., 5c.

LANFANA HYBRIDA—Very desirable plants for house culture, the varieties of which are almost numberless. Very pretty. Mixed. Pkt., 10c.

LARKSPUR, DWARF GERMAN ROCKET—An old and well known annual. The flowers are borne in compact spikes, and are hardy, showy and desirable. Mixed colors. Pkt., 5c.

LEMON VERBENA—Everybody knows the Lemon Verbena, and should have a few specimens of it, for its fragrant foliage is fine to use in bouquets and floral work. Pkt., 10c.

MARIGOLD—See Tagetes.

NASTURTIUMS, TALL—Beautiful and luxuriant climbers for trellises and arbors, bearing their sweet-scented flowers in great profusion. Extra fine mixed. Pkt., 5c.; oz., 15c.

GET A BED OF DAISIES

Absolutely Hardy.

A DAISY BED LIVES PERPETUALLY AND GROWS MORE BEAUTIFUL EACH YEAR.

The New Shasta Daisy

is one of the finest hardy perennials for permanent garden decoration, of bushy growth, bearing in profusion throughout the season White Daisy Flowers four inches across on stems two feet long. Cut and placed in water the flowers keep fresh in hottest season for 6 to 7 days. Pkt., 15c.; postpaid. Plants, 10c each; \$1.00 dozen; not prepaid.

NASTURTIUM, CHAMELEON—This beautiful new variety produces flowers of many distinct colorings. On the same plant are found flowers stained and blotched on a clear ground, while others are broadly edged or banded with light or dark shades. Dwarf. Pkt., 10c.; oz., 20c.

NASTURTIUMS, DWARF—One of the choicest and most popular annuals, forming compact plants. Exquisite flowers of all colors. Fine mixed. Pkt., 5c.; oz., 15c.

NEMOPHILA (Baby Eyes, or Grove Love)—A hardy annual of dwarf habit, producing cheerful blue, violet and white flowers. Suitable for edge of borders. Mixed. Pkt., 5c.

NICOTIANA SANDERAE—New; a beautiful profuse flowering annual of bushy, branching growth, 2 feet high, bearing large carmine rose flowers continuously during summer and fall. Pkt., 25c.

NICOTIANA AFFINIS—Fragrant star-shaped white flowers, annual; 3 feet high. Pkt., 5c.

FEVERFEW (*Matricaria Capenses*)—Handsome double white flower. Pkt., 5c.

FOX GLOVE—See Digitalis.

GOURDS—Ornamental, handsome climbers of rapid growth. Pkt., 5c.

HELIANTHUS, OR SUNFLOWER—A miniature sunflower, of a bright yellow color, with dark center, fine foliage. Plants dwarf and bushy. Pkt., 5c.

DOUBLE "CUT AND COME AGAIN" SUNFLOWERS—Flowers 3 to 4 inches across; very double centers, surrounded by a row of guard petals. Pkt., 5c.

HELICHRYSUM MONSTROSUM FL PL—Very showy annual; unexcelled as a garden ornament or winter decoration. Double mixed varieties. Pkt., 5c.

HELIOTROPE—Great favorite with flower lovers for beauty or fragrance. Suited for beds or borders, where they will bloom in summer and may be potted and cut back for winter blooming. Pkt., 10c.

HOLLYHOCK—No garden flower is more showy or admired. Double mixed. Pkt., 5c.

IPOMAEA GRANDIFLORA ALBA (Moonflower)—A grand climber when planted in rich soil and well watered. Attains a height of 50 to 75 feet. Produces immense quantities of fragrant white flowers, measuring from 5 to 7 inches across. Pkt., 10c.

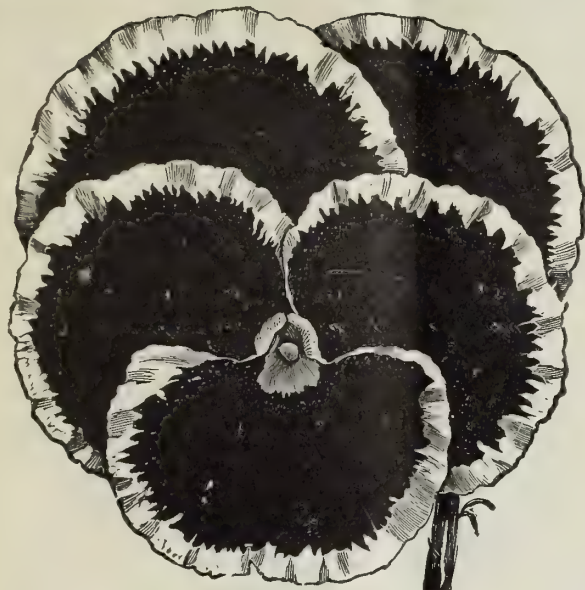
IPOMAEA BONA NOX (Good Night, or Evening Glory)—Large white flower. Pkt., 5c.

JAPANESE MORNING GLORY—Most magnificent large flower of exquisite new colors, which are rich and velvety. Mixed. Pkt., 5c.

VARIEGATED JAPANESE HOP—There is no hardier climbing vine than the Japanese Hop, and for resistance to drouth or insects it has no equal. This new sort has beautiful variegated foliage, splashed and streaked with white. Pkt., 10c.

MIGNONETTE (*Reseda Odorata*)—Sweet scented. Its fragrance makes it indispensable for bouquets and cuttings. Will commence blooming in June from the seed. Pkt., 5c.

PANSY SEED



The Grand Giant Trimardeau Pansies

Years of scientific culture, hybridization and selection have gradually evolved a superior race of luxuriant, robust growth and deep-rooting, drought-withstanding qualities. The flowers have also correspondingly improved in size, substance, form and colors. At first there were only one or two varieties in this class of Pansies, but annually one or more varieties would reach the goal of the Giants, until now we have such a complete variety of colors that we, this season, discard all ordinary-sized Pansies, excepting those used in our cheapest mixture.

NIGELIA DAMASCENA (Love in a Mist or Devil in a Bush)—Compact growing, free flowering plant, with curious-looking flowers and seed pods. Pkt., 5c.

PASIFLORA COERULEA GRANDIFLORA (Passion Flower)—Large violet flowers. Half hardy perennial; fine climbing plant. Pkt., 10c.

Sweet Peas are among the most beautiful of all our hardy annuals. Select a sunny, open place. Sow as early in the spring as possible. Plant in double rows 6 inches apart and 4 inches deep, dropping the seed 3 inches apart. Furnish support early. Water freely and keep the flowers picked closely. If you allow them to produce seed pods the plants will soon stop flowering.

Price, unless otherwise noted: per packet, 5c.; oz., 10c.; ¼ lb., 20c.; ½ lb., 30c.; lb., 60c.; postpaid.

NAMED VARIETIES AND SEPARATE COLORS.

ADMIRATION—Delicate pinkish lavender.

AMERICA—Crimson, scarlet, striped.

APPLE BLOSSOM—Crimson, pink with white wings.

BLACK MICHAEL—Beautiful large flowers, reddish maroon; intensely dark, the wings being only a shade lighter than the standard.

BLANCHE BURPEE—Pure white.

BLANCHE FERRY—White and pink.

CAPTAIN OF THE BLUES—Bluish purple.

CAPTIVATION—Purplish magenta, entirely distinct.

COCCINEA—New; bright cherry red.

COQUETTE—Primrose, shaded lavender.

COUNTESS OF CADOGAN—Bright shining violet, wings pure sky-blue.

DAVID E. WILLIAMSON—Indigo blue, rich.

DOROTHY ECKFORD—One of the best white.

PETUNIA—Large flowering. Finest mixed varieties. Pkt., 10c.

PORTULACCA GRANDIFLORA (Rose Moss)—Single. This old favorite is brightest in hot, dry weather, when other flowers are drooping. They are of almost every shade and color, and will make one of the brightest spots in the garden. Large flowered. Mixed, pkt., 5c.; double and very handsome, double as a rose, mixed varieties, pkt., 10c.

HARDY PHLOX (Phlox Decussata)—These rank among the finest herbaceous plants for beds or borders. Mixture of finest sorts. Pkt., 10c., postpaid.

PHLOX DRUMMONDI—No garden should be without a bed of these, the most showy of all growing annuals. Its varieties of colors and shades cannot be excelled for brilliant and constant display. Finest mixture of all sorts. Pkt., 5c. Postpaid.

PHLOX STAR OF QUEDLINGBERG (Cupidata)—Star Phlox. Extra choice. Mixed. Pkt., 5c., postpaid.

PASIFLORA COERULEA GRANDIFLORA (Passion Flower)—Large violet flowers. Half hardy perennial; fine climbing plant. Pkt., 10c. Postpaid.

PRIMULA CHINENSIS (Chinese Primrose)—Beautiful low-growing spring-flowering plant for borders or pot culture. Flowers are borne in clusters on stalks 4 to 8 inches high. Splendid mixed varieties. Pkt., 20c., postpaid.

NEW PINK HYBRID MOONFLOWER—This Moonflower is of marvelous growth. Seeds germinate quickly and plants begin to bloom about as soon as Morning Glories. The blooms are produced by the thousands all summer and fall. The vines make a most rapid growth and cover more space than any other annual vine. It branches freely and its foliage is dense, luxuriant and of large size, often measuring 7 inches across. In color they are of a most exquisite soft lilac-pink. Will succeed wherever a Morning Glory will. Pkt., 10c.

Postpaid.

Giant Trimardeau Pansies. Mixed Colors.....	Pkt. \$.10
“ Atropurpurea (Rex). Velvety royal-purple.....	Pkt.	.10
“ Canary Bird. Pure, spotless yellow.....	Pkt.	.10
“ Emporor William. Indigo-blue, blotched black.....	Pkt.	.10
“ Fire King. Crimson-purple and golden-yellow.....	Pkt.	.10
“ King of the Blacks. Lustrous jet-black.....	Pkt.	.10
“ Lord Beaconfield. Lavender, heliotrope and purple. Pkt.		.10
“ Peacock (Gloriosa). Garnet, cream and blue.....	Pkt.	.10
“ President Carnot. White with large violet blotches. Pkt.		.10
“ Prince Bismarck. Golden-bronze.....	Pkt.	.10
“ Prince Charming. Rose-pink, veined rosy-lilac.....	Pkt.	.10
“ Snow Queen. Spotless, snow-white.....	Pkt.	.10
“ Striped. White, blue, violet and chocolate.....	Pkt.	.10
“ Violet Marbled White.....	Pkt.	.10
“ Violet Marbled Yellow.....	Pkt.	.10
“ Victoria. Oxblood red.....	Pkt.	.10
“ White Treasure. White with three violet blotches...Pkt.		.10
“ Yellow. Golden-yellow, three maroon blotches.....	Pkt.	.10

The entire Pansy collection above for \$1.00, postpaid.

SWEET PEAS

DOROTHY TENNANT—Rose purple.

DUKE OF WESTMINSTER—Clear purple.

EARLIEST OF ALL—White and pink.

FLOEA NORTON—A very bright blue, different from Countess Radnor and kindred sorts, being a brighter and clearer color.

GRAY FRIAR—Heliotrope.

HON. F. BOUVERIE—Deep pink.

KATHERINE TRACY—Soft pink.

HON. MRS. E. KENYON—White seeded. A fine, large, clear primrose of very light yellow, with open, wavy standard and large wings. The best variety of this shade. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.; postpaid.

CROWN JEWEL—Light magenta lilac shaded on primrose, wings, clear primrose. The blossoms sometimes turn to a deep rose color. Large and fine form. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.; postpaid.

LADY NINA BALFOUR—Light lavender and mauve with a slight greenish cast, or more correctly a pearl gray tone. Good size and shell-shaped. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

KING EDWARD VII—Dark, rich red.

LADY GRISEL HAMILTON—Best of all lavender sorts.

LOVELY—Soft shell pink.

MAID OF HONOR—White, edged lavender.

MISS WILLMOTT—Richest orange pink.

MRS. J. CHAMBERLAIN—White, striped rose.

SWEET PEAS—(Continued)

OTHELLO—A beautiful chocolate-red.

PRIMA DONNA—Pure pink.

PRINCE OF WALES—The most popular and also the most satisfactory variety of this class. A clear rose-crimson color, large, and shell-shaped. Stems are long, and usually bear four blossoms. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.; postpaid.

SADIE BURPEE—White seeded, pure white.

SALOPIAN—One of the best dark reds.

SENSATION—A large, shell-shaped standard, opening light pink and buff, with white wings. There are usually four blossoms on each stem, the bottom flower turning almost white as the blossoms expand. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 50c.

SHAHZADA—Rich dark maroon.

UNIQUE—Flowers white striped with light blue; of medium size and semi-horded form. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.00. Postpaid.

WHITE WONDER—The flowers are pure white, of largest size, and are frequently borne six to eight on a long stout stem.

COUNTESS SPENCER HYBRIDS—The new orchid-flowering Sweet Pea. Here we have a new and distinct type and form in Sweet Peas. The flower stems are unusually long and the flowers are so set on the stem that there is a graceful fluffiness to a bunch of them in distinct contrast to the ordinary kinds of Sweet Peas. So far but a few colors have developed in this type, and some of these sport or change more or less in flowering. The wings and standards of this type are very large and its graceful form with the immense size makes it certain to supercede all older kinds of Sweet Peas, as fast as standard colors appear and become fixed. Every lover of Sweet Peas should plant our Countess Spencer Hybrids. Pkt., 10c.; oz., 15c.; 2 oz., 25c.; ¼ lb., 40c.; lb., \$1.00.

PERENNIAL PEAS—These Perennial Peas, while lacking fragrance, are very valuable from the fact that they are in full bloom early in the spring, before the others have begun to flower. They live year after year, bearing magnificent clusters of flowers. Perfectly hardy and grow 8 to 10 feet high. Mixed. Pkt., 10c.

COLLECTION OF SWEET PEAS.

Selection of any six 5-cent packets for 25c. Any twelve 5-cent packets, 40c.

EXTRA FINE MIXTURE OF SWEET PEAS—Many different colors. Pkt., 5c.; oz., 10c.; lb., 50c.; postpaid. Extremely showy, 3 to 4 feet high, well adapted to garden culture, blooming profusely through the season.

POPPIES

ICELAND POPPIES—Mixed. A graceful, delicate variety, with white, orange or yellow single blossoms, the petals resembling crumpled tissue paper. The plant is low-growing, but the stems are long and slender. Pkt., 10c., postpaid.

POPPIES—PEONY FLOWERED—Flowers in size and colors equal to Peonies. Double mixed varieties. Pkt., 5c.; postpaid.

POPPIES—CARNATION FLOWERED—Double. Fine mixed varieties. Pkt., 5c.; postpaid.

POPPIES—SHIRLEY—Beautiful poppies, producing large single flowers, ranging in color from pure white, various shades of pink to glowing scarlet. Mixed colors. Pkt., 5c., postpaid.

RICINUS AFRICANUS (Castor Oil Plant)—Very showy rich varieties. Pkt., 5c.

SCABIOSA GRANDIFLORA (Mourning Bride, also Pincushion Flower)—A well-known annual, easy culture, blooms all the season, fine bouquet. Double. Mixed colors. Pkt., 5c.

STOCKS (German Ten Weeks, or Gilly Flower)—This is a half hardy annual, beautiful and fragrant. Choice varieties. Mixed. Pkt., 5c.

SALVIA SPLENDENS (Flowering Sage)—Handsome plants, excellent for beds or borders, with long spikes of flowers, which continue to bloom until late in the fall. Pkt., 5c.

MIXED FLOWER SEEDS for GARDENS.

A splendid mixture of over one hundred sorts of beautiful, free-blooming, hardy flowers, which can be offered at a much less price than when sold in separate packages. Those who cannot give the constant care necessary for finely arranged flower beds will find the "Wild Garden" a delightful substitute, with its constant and ever-varying bloom. Such a flower bed is a constant surprise and pleasure, as new varieties and the old garden favorites flower successively throughout the season. Price per ½ oz., 20c.; per package, 5c.; postpaid.

CUT FLOWERS

When in the market for fancy Cut Flowers for gifts, weddings, receptions, funerals or other purpose we would be pleased to quote you prices. We have an expert Florist in charge of this department and can furnish Floral Designs of all descriptions on short notice, packed in perfect condition. If in a hurry for floral designs telegraph or telephone us.

TAGETES (Marigold)

Extremely showy, one to two feet high, well adapted to garden culture, blooming profusely through the season.

TAGETES ERETA, FL. PL.—Double tall African Marigold. Mixed. Pkt., 5c., postpaid.

TAGETES PATULA—French dwarf, double mixed. Compact; very double flowers; brown, orange, red and striped. One foot high. Pkt., 5c., postpaid.

FRENCH DWARF, DOUBLE MIXED—Compact, very double flowers. Brown, orange, red and striped. One foot high. Pkt., 5c., postpaid.



Marigold

MARIGOLD

SALVIA SPLENDENS "FIREBALL"—This splendid novelty undoubtedly is the finest of all Salvia. It has larger flowers and flowers more freely than any other kind. The bushy plant, 20 inches high, is covered with long, broad flower spikes with a great number of flowers of the most fiery scarlet. The plants branch freely and are profuse bloomers, the side shoots often producing four to six flowering spikes so evenly divided over the foliage and of such erect habit as to hide the foliage. The earliest of all, flowering by the beginning of July and continuing without a break until frost. Pkt., 15c.

CLARA BEDMAN (Bonfire)—The plants form handsome globular bushes about 2 feet in diameter. The spikes grow erect and stand clear above the foliage, completely covering the plant and are of a most brilliant dazzling scarlet. Pkt., 10c.

VERBENAS

VERBENA HYBRIDA—The Verbena is deservedly a universal favorite, unrivalled in the splendor of its dazzling brilliancy of flower. A constant bloomer and if grown from seed has a sweet fragrance. Extra choice mixed. Pkt., 10c.; postpaid.

VERBENA—Mammoth white. This is by far the best and largest of all white Verbenas. Pkt., 5c., postpaid.

ZINNIA ELEGANS, FL. PL.—Dwarf. Double mixed. Pkt., 5c., postpaid.

ZINNIA ELEGANS—Tall. Double mixed. Pkt., 5c., postpaid.

If you are interested in Flower Bulbs we would be pleased to have you examine our list. Prices reasonable.

Springfield Seed Company's Plant Food.

Manufactured by us and prepared especially for feeding plants in pots and beds. It is a wonderful invigorator. Produces a healthy growth and an abundance of flowers. One pound package, 25c.; by mail, 35c.

BULBS THAT FLOWER IN SUMMER

Cannas, Callas, Dahlias, Gladiolus, Tube Roses, Peonies, Hardy Lilies, etc.

Hardy Climbers, Large Flowered Clematis, Purple, Crimson, White. Small flowered, blue and white.

Cinnamon Vines, Madeira Vines.

SEASON 1911



SELECTED FARM SEEDS

QUANTITY, AS WELL AS QUALITY.

There is no article of merchandise in which **QUALITY** is more of the **PRIME FACTOR** than in Farm Seeds. The cheap article in Seeds represents time and labor forever lost, wastes your fertilizers, introduces obnoxious weeds. It is also an admitted fact that this country is greatly in need of new stock—the old varieties are running out, so to speak—have degenerated and the crops are short. We claim that the modern, equipped Seed House is your friend. Your best medium of exchange to ship Seeds in and out, where they will find new soils; but do not overlook the fact that it requires **IMMENSE STORAGE CAPACITY, DELICATE CLEANING MACHINERY,** and last, but **JUST AS IMPORTANT** are the **GREEN HOUSES FOR TESTING VITALITY.** Because all these are requisites absolutely necessary to pure Seed Stock, it is unfair to compare our prices with houses that have none of these facilities. Seeds certainly cost more money after leaving our cleaning mill

than they did in the harvest field—it costs a little money to store them, a little more to test them, but they are thoroughbred after we get through—not to be compared with country stock in an uncleaned state. It entails greater expense to furnish pure Seeds, but we can trace the increasing volume of our business directly to the harvest fields where our stock is grown. We are ever willing to furnish expense of pure Seeds against the farmers' expense of preparation, and we hope the time is not far distant when pure Seeds will double the harvests. We shall endeavor to supply you with only the very best varieties of Seeds obtainable and the reason we do not inform our patrons that certain varieties of farm products will make 300 to 400 bushels to the acre is because in all past experiments we have failed to locate anything of the kind under the most favorable conditions and it would be guesswork to try to predict the harvest.

CLOVER SEED

Like all other leguminous plants, the Clovers draw largely for their sustenance from the atmosphere, gathering nitrogen and other constituents required by cultivated crops; the roots penetrate deeply, drawing from the sub-soil, thus acting as a soil improver, but only increasing the productivity of the land, but putting it in better condition than before. Clover intelligently used, is the best friend to wornout land.

RED CLOVER—One of the most valuable farm crops, and is largely used for pasturage and hay, and as an improver of the soil. Red Clover is perennial, and will yield crops several years from the one seeding, and on good land will yield two or three cuttings per year. Red clover should be cut for hay when in full bloom. It is particularly well adapted for sowing with Orchard and Tall Meadow Oat Grass, as it ripens at the same time, and sowing these three grasses together will give larger yields and of better quality hay than sowing either alone. Bu., 60 lbs.; sow 10 lbs to acre.

MAMMOTH, OR SAPLING CLOVER—This, like the Red Clover, is a perennial, and is similar to it both in the appearance of the seed and its habits of growth, the difference being that it grows larger, and is later in maturing. It is considered superior as an improver because of the extra growth. It is a good variety for thin soils, or to seed with Timothy, Meadow Fescue or Herd's Grass or Rep Top, as it matures about the same time as these grasses. Bu., 60 lbs.; sow 10 lbs to acre.

CRIMSON CLOVER—Farmers should take every available means of sowing all their vacant lands in Crimson Clover, as it makes a fine winter clover crop—an excellent grazing crop during the winter and early spring—the earliest green feed—a good early forage crop and a splendid soil-improving crop to plow under early, to be followed by corn, cotton or other crops the same year. A crop of Crimson Clover plowed under is equal to an application of stable manure. It makes land rich and mellow, fills it with humus or vegetable matter and increases the yield of corn, cotton or other crops

which follow it, to a wonderful extent. Sow at the rate of 15 lbs per acre, broadcast; 50 lbs to Bu.

WHITE CLOVER—This is very largely used in lawn and pasturage mixtures, and it indigenous to the soils throughout this section. It makes a small, close, compact growth, covering the ground like a carpet. Sow either in the spring or fall. When sown by itself, sow at the rate of five or six pounds per acre. It is better, however, sown in mixture with other grasses. See our Special Mixtures. 60 lbs to Bu.

ALSIKE, OR SWEDISH CLOVER—(*Trifolium Hybridum*) A very hardy clover. On rich, moist soil it yields an enormous quantity of hay or pasturage, but its greatest value is for sowing with other clovers and grasses, as it forms a thick bottom and greatly increases the yield of hay. Cattle prefer it to any other forage. The heads are globular, fragrant and much liked by bees, which obtain a large amount of honey from them. Sow in Spring or Fall at the rate of six pounds per acre, when used alone. Bu. 60 lbs.

BOKHARA CLOVER, OR SWEET CLOVER—(*Melilotus Leucantha*)—A rather tall growing, white flowering variety that is excellent for bee food, for which purpose it is largely grown in many sections. Sow 10 pounds per acre. Bu. 60 lbs.

SANFOIN OR ESPERSETTE—(*Onobrychis Sativa*)—A most valuable fodder plant. Will generally last from 10 to 12 years. It is an excellent plant for cows, as it generally increases the quantity and richness of the milk. To obtain the best results seed should be sown early in the season and covered, about two inches deep, and the soil firmed with a roller. Valuable for light, dry, sandy, gravelly, limestone or chalky soils. Two cuttings may be had each season. Sow 40 lbs to acre.

JAPAN CLOVER—A low perennial of spreading habit, and adapted to withstand excessive drouth. It flourishes on the poorest land in the Southern states. Sow 15 lbs. per acre.

ALFALFA

THE KING OF FORAGE PLANTS.

Alfalfa Seed is the corner stone upon which is being built the prosperity of wide regions of our agricultural country, with its never-failing four to five crops of from six to ten tons per acre, and having a value of \$10.00 to \$14.00 per ton; its great fattening quality for Horses, Cattle, Hogs, Sheep and Poultry; its drought-resisting qualities; after once being rooted its perennity is more than two decades. There is not one crop known to the southwest that pays better returns in cost per acre. The plant is not so fastidious as to soils as has been thought. We have a supply of high quality Alfalfa that shows a strong germination. It has been thoroughly tested for Mechanical purity and also shows strong growing vitality. We handle more of this seed than all other houses combined in this end of the state, and have



Alfalfa

our best lots now on hand, as spring trade has not yet commenced; you can pick out the best lots. You should not neglect a few acres of Alfalfa in planning out your ground for next spring. Special prices on application.

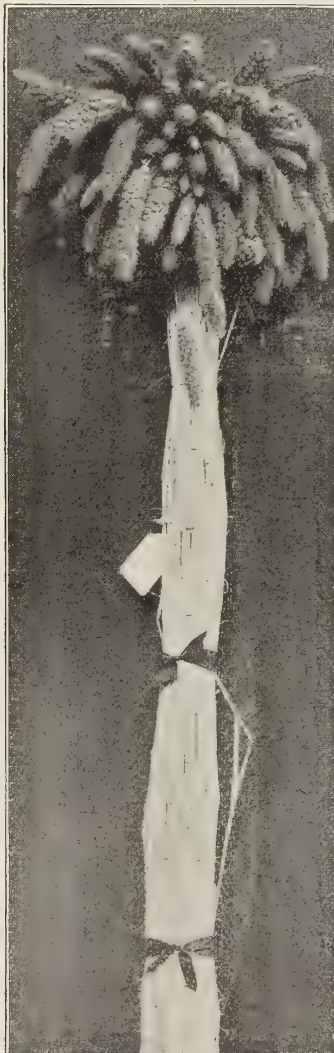
SAND VETCH, OR WINTER VETCH—Succeeds and produces good crops on poor soil, as well as good land. A forage plant of value and is highly recommended by the United States Agricultural Department. It is perfectly hardy throughout the United States; remains green all winter. Should be sown in spring, mixed with Oats, Spring Rye or Barley. It is the earliest crop for cutting, being hardier and a month earlier than Scarlet Clover. Sow one bushel per acre, with one-half bushel of Rye, Oats or Barley.

GERMAN MILLET—No other grass or forage plant has been able to produce the enormous yield of this plant. It has become the most popular and generally used for all purposes; produces from four to five tons of hay to the acre, and from 60 to 70 bushels of seed. After the harvesting it leaves the ground in a fine condition for wheat. 50 lbs. to the bushel. Sow 25 to 30 lbs to the acre. Price on application.

HUNGARIAN MILLET—Can be sown somewhat later than other varieties and is well adapted to dry seasons. Makes an excellent hay. Sow 25 lbs to the acre. 50 lbs to the bushel. Price on application.

HOG MILLET, OR MANITOBA—Has proved itself to be one of the most valuable Millets grown for hog pastures. Seed about double size of German Millet. It is very rich, and especially as a hog food. It ripens about two weeks earlier. Grows about four feet high. Sow 25 lbs. to the acre. Price on application.

JAPANESE MILLET—Entirely distinct from any other Millet; grows 6 to 8 feet high, stands well notwithstanding its great height, and yields from 10 to 12 tons green fodder per acre. When cured it makes an excellent quality of hay, and is also much relished as green fodder. If to be made into hay, cure as you would a heavy crop of Clover. It may be sown from the middle of May to the 1st of July, broadcast; at the rate of 15 lbs. per acre; but it is better to sow it in drills, 12 to 18 inches apart, using 10 to 12 lbs. per acre, and cultivate between the rows until the plant attains a height of 12 to 18 inches, when its rapid growth will smother all weeds.



German Millet

NEW CHAMPION BARLEY—A very superior early variety. Sow one and one-half bushels to the acre. 48 pounds to the bushel. Price on application.

GRASSES—We have made a large investment in cleaning machinery. This enables us to meet demands at all times of buyers who will buy quality. Or, should you have seeds that need cleaning, send them here and have them cleaned right. Best seed mill west of the Mississippi river.

SPELTZ, OR EMMER—A grain for dry lands, introduced from Russia. This is a remarkable grain, and should receive the attention of all farmers. It is a species of drought-resisting wheat, and not inclined to rust. Can be sown in the fall, being hardy and will produce a fair crop under almost any condition of climate, but grows best in dry prairie regions with hot summers, giving excellent results. Thrives on poor land in stony ground. The experiment stations of both the Dakotas report that it resists drought better than oats or barley. All animals eat it green greedily and are fond of the straw. It will undoubtedly become a regular and valuable crop for stock feed. Drill the seed in 2 to 3 bushels per acre; sow very early. Bushel, 40 lbs.

RAPE, DWARF ESSEX—There is no plant that will give as heavy a yield of forage at such a small cost as this, and its general cultivation would add largely to the profits of American farms. Especially valuable for green manuring and pasture. When fed off by sheep, it will probably do more to restore and make profitable exhausted soils than any other plant. Beware of the worthless annual variety that is often sold and which is not only worthless for forage, but once planted is liable to become a pernicious weed. Sow 5 lbs to acre.

TEOSINTE—A wonderfully prolific forage plant which somewhat resembles Corn, but leaves are broader and stalks contain a large amount of saccharine matter. Its value lies in the fact that it can be cut several times during the season. It is particularly adapted to the Middle or Southern States. Seed should be sown after the ground is perfectly warm, at the rate of four pounds per acre. Plant in drills, 3 feet apart, putting in three seeds about every 12 inches in the drill. ¼ lb., 35c.; lb., 90c.; postpaid.

MILLET

FLAX FOR SOWING—The demand for this seems to increase each season. It should be sown late enough in the spring to avoid frost, but as early as it is possible to do so in order to secure the early rains. When grown for the fibre about one bushel should be sown to the acre, but for seed alone usually one-half bushel is sufficient. Thresh during dry weather in the fall months. lb., 25c.; postpaid.

BUCKWHEAT, SILVER HULL—An excellent milling variety. Remains in bloom longer than the Common, making it excellent for bees. Bushel, 52 lbs., one-half bushel to the acre. Price on application.

BUCKWHEAT, JAPANESE—The largest cropper of all varieties, grain being enormous. Yielding as high as forty bushels to one-half bushel of seed. Ready for cutting a week earlier than Silver Hull. Price on application.

COW PEAS—Highly valued for a forage crop. The crop can be used to best advantage by cutting and feeding while in a green state; its feeding qualities are very high and as a soil renovator and fertilizer it is better than clover. The dry peas ground make a very rich food for cattle. Sow either broadcast or in drills, covering the seed from two to three inches; plant after the ground is warm, as the peas rot very readily in cold wet soil. When sown broadcast use from one to two bushels of seed to the acre. If in drills, half the quantity is enough. We make a specialty of Cow Peas, and will supply this season almost all the known varieties. The standard sorts are Blacks, Clays, Black-Eyed, Whippoorwills and New Era, but for all purposes the Whippoorwill leads them all. Prices on application.

CANADA FIELD PEAS AND OATS, FOR FODDER—This makes a fodder and hay which in every case doubles the production of milk. The Canada Field Pea is the best for this purpose. They should be sown early in April, two bushels of Peas and two bushels of Oats to the acre. The Peas should be sown first and when about four inches high, sow the Oats and harrow them. They will be ready for cutting about July 1st, when the oats are in milk and the pods formed on the Peas. Price on application.

TIMOTHY

Very little seed is harvested in this immediate vicinity. Therefore, most of our supply is secured from territory north of us. We send our own buyers into the Timothy sections and purchase direct from first hands. The seed is shipped to us in carload lots in the rough, re-cleaned and offered direct to the farmers at a minimum handling expense. We are the only house in this end of the State that has extensive Re-cleaning Seed Machines. We have every conceivable convenience for handling seeds at the lowest possible cost, and are, therefore, in position to offer you values that cannot be secured elsewhere. Tell us your requirements and ask us for prices. Sow 10 lbs. to acre. Bu. 45 lbs.



GRASS SEEDS



RECLEANED, TESTED AND ANALYZED.

ORCHARD GRASS—This is one of the most desirable pasture grasses for stock and also for producing large crops of hay. It succeeds well in quite shady places, hence the name Orchard Grass. Choicest re-cleaned seeds. 14 lbs. to the bushel; 1½ bushels to the acre.

FANCY KENTUCKY BLUE—This is pre-eminently a pasture grass, forming a close, fine sward. It thrives best in dry well-drained or limestone soils. 14 lbs. to the bushel; 2 bushels to the acre.

ENGLISH RYE GRASS—This makes a quick growth very early in Spring and is adapted for cool, moist locations, recommended for fall seeding on Bermuda Grass lawns in the South, giving them a bright green appearance all winter. 20 lbs. to the bushel; 1½ bushels to the acre.

ITALIAN RYE—This is distinct from the preceding, being of much larger broad glossy-green blades. It succeeds best in moist, fertile soils. 20 lbs. to the bushel; 1½ bushels to the acre.



Orchard Grass



English Rye Grass

TALL MEADOW OAT—A very valuable pasture grass on account of its early and luxuriant growth. It is especially adapted for rather dry, light soils. 10 lbs. to the bushel; 4 to 5 bushels to the acre.

WOOD MEADOW—An excellent pasture or lawn grass, desirable for planting under trees on the lawn or in damp shady corners. 14 lbs. to the bushel; 2 bushels to the acre.

 * Owing to frequent changes in prices of field seeds, seed *
 * potatoes, etc., and the usual close prices at which we sell *
 * them, we are unable to make definite figures in this catalog *
 * good for the season. If our friends will write us, sending *
 * a list of their probable requirements, we shall be glad to *
 * quote prices by mail. *

BERMUDA GRASS—A most valuable grass for our Southern States; both for pasture and lawns. It is of dwarf habit, with long creeping stems, rooting at the joints and covering the ground with a matter of fine turf, which no amount of tramping will impair. It is also useful for binding drifting sand, and for steep embankments subject to wash. It thrives in the poorest and sandiest soils and resists extreme drouth and the most intense tropical heat, but will not withstand any great extremes of frost. It should be sown at the rate of 15 lbs. to the acre. Price on application.

HUNGARIAN BROME, OR AWNLESS BROME (Bromus Inermis)—It makes quick, strong growth, providing splendid pastures or hay. It sprouts out into fresh growth very quickly after being mown, and we think it is the ideal grass for hot, dry regions and thin soils. 14 lbs. to the bushel; 1½ bushels to the acre.

JOHNSON GRASS (Sorghum Halapense)—Of quick growth, the stout stalks reaching a height or six or eight feet before flowering; should be cut for hay before the flower spikes open. When once established it is quite difficult to eradicate. 25 lbs. to the bushel; 1 bushel to the acre.

 * **GRASSES**—We have made a large investment in cleaning *
 * machinery. This enables us to meet demands at all times *
 * of buyers who will buy quality. Or, should you have seeds *
 * that need cleaning, send them here and have them cleaned *
 * by our triple process. *

AMBER SUGAR CANE—All kinds of stock are exceedingly fond of it, and the farmers all over the country are beginning to realize that it is one of the best green fodder plants that can be produced. Its earliness adapts it to almost every section of the country, and its enormous yield often reaches 20 to 25 bushels of seed, and as high as 150 to 250 gallons of syrup per acre. has made it invaluable for large growers. It is exceedingly difficult to procure pure seed, but the stock we have to offer is the best that can be obtained. Bushel 50 lbs.

ORANGE—A large growing variety; considered best for sorghum; somewhat later than Amber. Will yield in good season 150 gallons to the acre. Prices on application.

KAFFIE CORN—An excellent forage crop, also largely used for fodder, and the seed crop always commands a ready market. An excellent substitute for buckwheat and used a great deal for cooking purposes. Plant stocky and erect in form, and stock will eat it as well as corn. It grows 4 to 6 feet high, generally grown in drills. 50 lbs. to bushel. Sow 12 lbs. to acre. Use 2 quarts when planted in hills. The white seeded is best for all purposes. White or Red Seeded. Price on application.

SWEET CORN FOR FODDER—There is nothing better for green food or for curing for winter than Sweet Corn. Cattle highly relish it, and when fed on it keeps in fine condition and give an abundance of milk. It has the great merit of being so sweet and palatable that cattle eat every part of the stalks and leaves, and consequently none is wasted. Farmers in this section should raise more Sweet Corn as feed for young hogs, which is sure to give better results than feeding common field corn. Sow thickly in drills or broadcast, at the rate of two or three bushels per acre.

BROOM CORN

We have a very superior strain of Missouri Evergreen, the same we have offered in the past and which has given the desired results, viz: Brush of good length, fine and straight; excellent color and always preferred on the market. We carry some other varieties, but prefer Missouri Evergreen. 46 lbs. to the bushel; 8 to 10 lbs to the acre. Prices on application. Watch the market and judge for yourself whether a few acres would not pay.

BIRD SEED

All recleaned and improved by special machinery, prices variable. If wanted by mail, add 8c per lb. for postage.

- CANARY—(Sicily)—Lb., 10c.; ½ pk., 40c.; pk., 75c.
- HEMP—Lb., 10c.; ½ pk., 40c.; pk., 75c.
- FRENCH BIRD MILLET—Lb., 15c.
- GERMAN RAPE—Lb., 10c.; ½ pk., 45c.; pk., 85c.
- MIXED BIRD SEED—Lb., 10c.; ½ pk., 40c.; pk., 75c.
- LETTUCE—Oz., 5c.; lb., 25c.
- SUNFLOWER—Qt., 10c.; ½ pk., 60c.; pk., \$1.00.



GRASS SEED SHIPPING ROOM

and when thinly sown under anything like favorable conditions they soon spread and cover the ground with a thick, heavy growth. Sow at the rate of 1½ to 2 bushels to the acre.

 * WE CARRY FIVE DISTINCT GRADES OF GRASS SEEDS, *
 * PRICED ACCORDING TO THE STANDARD OF PURITY, *
 * OBTAINED BY OUR ANALYST. WE TELL YOU ACCU- *
 * RATELY WHAT YOU ARE BUYING. *

PASTURE MIXTURES

For permanent pastures a mixture of seeds from hardy grasses is the idea. By using an assortment there is small probability of failure. Some of them will surely hit. Again, grasses grow better in combination; you don't run the risk of a failure and you will learn in one season to what grasses your land is best adapted. We call your attention to three following mixtures—the best to date:

WOODS PASTURE MIXTURE—For new clearings or woods pasture, rough land or stumpy, rock land, we recommend our Woods Pasture Mixture. Being especially adapted to lands where straight top seeding is an absolute necessity. Being so proportioned that it catches readily and stays when once a stand is secured. We are assured from experience of the past seasons that we have the right idea in regard to this mixture and cannot recommend it too highly for the purpose. It is a well-ascertained fact that a thicker and more prolonged growth is produced by a mixture of different sorts than by only one or two. For every different kind and condition of soil there are grasses that are especially suitable. Some sorts do best on high ground and in dry weather; others prefer plenty of moisture. Some mature so early, and others so late, that from the beginning of Spring until Winter sets in there is no time when one species or another is not at its best. Grass seed may be sowed early in Spring or in Fall from the first of September to the middle of October in this latitude, etc. Sow 1 bushel to the acre. Price \$2.00 per bushel of 20 lbs.

TOP SEEDING MIXTURE—For rough timber land, especially where land is high and subject to drouth. Containing some twenty different grasses and makes an all year round pasture for your horses, cattle, hogs and sheep. Ask those of your neighbors who tried a few acres last season and we know you will give it a trial, which means good results for you and more business for us next year. Sow 1½ bushels to the acre. Price per bushel of 20 lbs., \$1.00.

DAIRY FARMERS' GRASS MIXTURE—Dairy farmers particularly desire to take a crop of hay off the meadow and have the after-growth for pasture, and where the natural grasses are carefully selected with this object in view this can be successfully done. This mixture is composed of tall, quick-growing grasses for mowing, after which the dwarf-growing varieties will cover the ground and furnish grazing until late in the Fall. This mixture consists of the best varieties of Clover and Grass seeds, such as Red Clover, Alsike, Orchard Grass, Rye Grass, Meadow Fescue, Tall Meadow Oat Grass, etc. It is a special mixture which will please everyone. Sow 20 lbs. to acre on ordinary soils. Per lb., 25c.; 3 lbs., 65c.; postpaid. By freight, 20 lbs., \$2.50; 50 lbs., \$4.75; 100 lbs., \$9.25.

 * We use nothing but tested stock in filling orders. Our idea *
 * has always been first quality. *



Mixture for Top Seeding

OATS

KHERSON—This variety was introduced here from Russia and has proven to be superior to all native sorts in yield, weight of grain or earliness, as well as drouth and rust resisting qualities. The experimental stations have sent out favorable reports for this Oat and we recommend that our friends give it a trial this year.

WALLACE OATS—A yellow, extra early Oat, well known in our immediate section. Supply limited. Write for prices.

WHITE LINCOLN OATS—Our customers well know the superiority of our Lincoln Oats. Well screened and clipped, always weighing more at seeding time than any other Oats in the market. In productiveness, weight and handsome appearance, absolutely the best. Prices on application.

We will also quote, on request, the following varieties: **TEXAS, RED, WHITE RUSSIAN, RED RUST PROOF, WHITE BELGIAN AND GOLDEN GIANT.**

WINTER TURF OATS—Valuable for winter grazing and for grain in the South. Their turning and stooling qualities are remarkable.

THE SELECTION OF CORN FOR SEED

NORTHERN GROWN FIELD CORN

The importance of good soil preparation and the careful selection of seeds cannot be overestimated. Seed corn should be gathered from healthy, uniform stalks; the cobs should be firm and well formed to the ends. It's poor business to let your stock run down. Excepting for manufacturing uses, there is no difference in the merits of white and yellow Dent corn. We have always recommended northern grown corn, because it matures earlier and improves the quality by introducing new stock. Iowa grown corn for Missouri and Missouri grown corn for the south.

RULES FOR SCORING CORN

Uniformity of Exhibit	10
Maturity and Market Condition	15
Shape of Ear	10
Color—(a) Kernel	5
—(b) Cob	5
Butts	5
Tips	10
Shape of Kernel	10
Proportion of Circumference to Length	10
Space between Kernels	5
Proportion of Corn to Ear	15
Total	100

The same reasons that make it necessary to select animals carefully in breeding live stock, also make it necessary to select ears of corn carefully if one wishes to make better corn. A good ear of corn will produce other ears like it, if conditions are favorable, and for this reason only good ears should be selected for planting. If we should take as much care in selecting our seed corn as the breeder of animals does in selecting animals, the yield of corn would be greatly increased. This matter of "corn breeding," as it has come to be called, offers great opportunity for the wide-awake man or boy who knows good corn when he sees it. The time is rapidly coming when we shall have corn breeders in every neighborhood from whom we must buy our seed corn just as we now have breeders of pure bred animals from whom we must buy our breeding stock. There is great opportunity for the right young man in every neighborhood to be a leader in the improvement of corn.

PRICES.

All of our Corn is very fine stock and will give absolute satisfaction. You know as well and better than anyone that it pays well to get good seed. This we are prepared to give you.

By freight or express your expense.

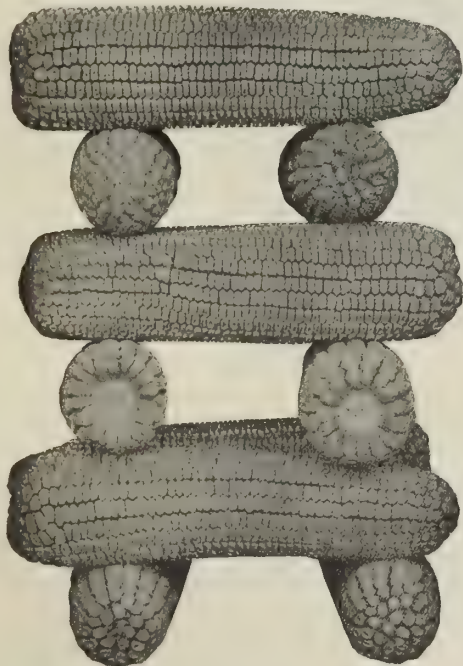
Prices, Shelled, 60c. peck; \$2.00 per bushel.

Prices, Select, in ear, \$5.00 per crate.

We do not sell less than a crate in the ear. It contains one bushel net.

STAR BRAND FIELD SEEDS UNSURPASSED IN QUALITY

ST. CHARLES WHITE—The famous Ensilage corn of the South. We have improved this type and have perfect success with it in this climate. Matures in 110 to 115 days. Pure white corn, red cob, medium small; grain extra deep, clear, transparent white that makes it much sought after by millers, who give a premium for it. Long cylindrical ears, 9 to 12 inches long; 8 to 9 inches in circumference. Medium large shank; medium rough dent. While this is a wonderful ensilage corn and the fodder from stalks is a paying crop, you get as large a yield of actual corn as any other variety and the feed value of the grain is unexcelled. The deep grain and large ears make it yield as much shelled corn to the acre as any variety that is grown for grain yield alone. If you are looking for profit in corn raising, order some.



RIED'S YELLOW DENT—Thoroughbred, pedigreed, carefully selected stock. During the past five or six years this variety has come rapidly to the front and now occupies a prominent position in all lists. It is of handsome shape and color and largely grown for exhibiting at fairs, corn shows and is used in many corn schools as a standard for judging, and is too well known to require lengthy description. We have selected the choicest ears so that we are sure our seed cannot fail to please the most particular. It is of handsome yellow color, smooth, deep grained and the kernels are packed very closely on the cob, thus giving it an appearance of great solidity. Matures in about 115 days.

WHITE CAP DENT—An early 90-day corn; a good yielder and very popular whenever tried; and some think it superior to others. In color it is red or cherry with a white cap or face. It is a smooth dent and we heartily recommend it. For a very early corn it is extremely popular and a great many prefer it to any other variety. In some ways it resembles Golden Cap, although the ear is not as large and instead of a yellow face it has a white face and a white cob. If for any cause your stand of corn is not good, and you have to replant from the middle of June to the first of July, you can positively raise more good matured corn from this variety than any other kind.

IOWA SILVER MINE—90-Day Corn. Stalks grow to a height of seven to eight feet and set the ears about three and one-half feet from the ground. It has not a large growth of fodder, having been bred essentially for grain, though it has plenty of blades to support the growth and is as well rooted as any corn grown. The ears measure from 10 to 12 inches in length and often weigh over 1½ pounds. They are uniform in size and shape, with 16 to 20 straight rows of deep, pure white kernels, on small white cob. It is ready for market earlier than any white corn grown. Seventy pounds of this corn in the ear will make 62 pounds shelled.

CHAMPION WHITE PEARL—Matures in 100 days. The ears are of good size, 16 rows and very heavy. Has proven itself to be a good corn to withstand heat and drouth. The grains are pure white, very deep, compact and heavy; two grains will more than span the cob, which is very small. By a test 70 ears weighed 87½ pounds, of which the cobs alone weighed only 7 pounds. It makes a superior quality of cornmeal and grades No. 1 white in any market.

IMPROVED LEAMING—90-Day Corn. One of the earliest varieties of Yellow Dent in cultivation, with an established reputation as a wonderful cropper. Ears are large and handsome, with deep, large grain, orange yellow color and red cob, producing two good ears each.

Ried's Yellow Dent. Winner of Blue Ribbon Over All Yellow Dent Corn.

IMPROVED GOLDEN BEAUTY—We know of no other variety that will give better satisfaction than the big, handsome Golden Beauty. It is the largest grained Dent Corn in cultivation. Ear is perfect in shape, with 10 to 14 straight rows of golden yellow grains, cob small, and is sure to please every farmer who grows it. The heaviest cropper we have ever handled.

IOWA GOLD MINE—This grand variety is an improved strain of Pride of the North. It is early ripening, being much larger but a little later. The ears are of good size and shape and of a bright golden yellow color. It has been a favorite among stock feeders, from the fact that the cob is small, grain soft and very deep. Seventy pounds of ear corn will make 60 pounds of shelled corn.

LEGAL TENDER—This is now one of the most prominent late varieties of Yellow Dent corn in the country. It is the result of years selection by a seed corn specialist in Iowa, and has taken first premiums at many State and county fairs. The corn is productive and of uniform pure yellow color, ear very large and long and a deep grain on a small cob, while the stalk does not grow too large. The kernels are deep, the cob is small at the butt and the ear holds its bigness towards the point, until near tapering off. It is capped over and the kernels hold their bigness toward the point, the butts run out straight and not crinkled. It matures in about 115 days. Our stock of this is extra select.

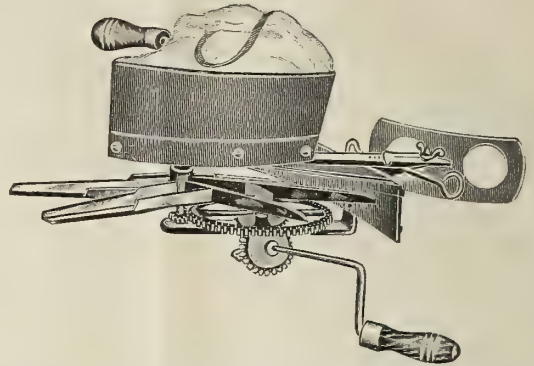
HICKORY KING—A grand old-time variety, especially fine for milling purposes. The smallest cob compared with the size of the ear of any corn grown. It yields greater, and is unquestionably the most productive white field corn. A single grain will completely cover the end of the cob when broken in half. It shells and shucks easily, and will make more shelled corn to a given bulk of ears than any other variety.

STRAWBERRY CORN—A good reliable variety, extra large ear, grain red and white striped. Withstands drouth excellently.


BLOODY BUTCHER—Enormous ears, grain red and yellow.

INDIAN CHIEF—Medium size ear, deep red grain.


IOWA SILVER MINE—Ninety Day Corn. Stalks grow to a height of seven to eight feet and set the ears about three and one-half feet from the ground. The ears measure from ten to twelve inches in length and often weigh over 1½ pounds. They are uniform in size and shape, with 16 to 20 straight rows of deep, pure white kernels on small white cob. It is ready for the market earlier than any white corn grown. Seventy pounds of this corn in the ear will make sixty-two pounds shelled.

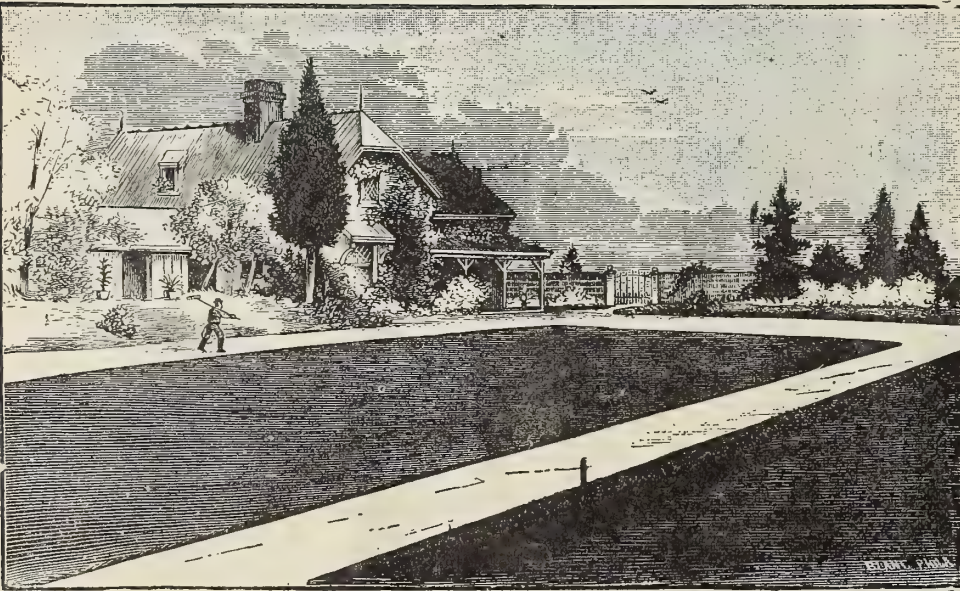


PERFECTION BROADCAST SEEDER, BEST IN THE WORLD FOR THE PRICE, \$1.25 EACH.



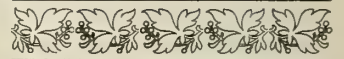
Lawn Grass Mixtures





Fine Lawns

Can only be made by using the best grade of grasses. The proper blending to give satisfactory result needs the study of years.



THE

Star Brand

OF

Lawn Grass

**IS SURE TO INCREASE
VALUES OF REAL ESTATE
WHEREVER IT IS SOWN.**

A Fine, Green Velvety Lawn Enhances

not only the appearance of a property, but adds more to its value than any one single feature at a small proportionate cost. But a lawn can not be made with 15 or 25c worth of seed. The turf must be dense and thick and a bushel of seed to a lot 50 foot front by 150 deep is required for good results. For renewing old lawns use about one quart of seed to 200 square feet, raking the soil both ways vigorously with a steel rake after a rain. Then sow liberally.

Good Lawn Grass must withstand all extremes of climate, endure heavy tramping and extreme drouth, remain green the year round and should cover a lawn with velvety green in from four to six weeks from the time of planting. Of our native grasses there is no single variety that flourishes the year around, not even the world-famed Kentucky Blue Grass, but we have as many good varieties as there are months in each year. A mixture of these hardy resembling grasses, of which some are especially adapted to early spring, others that thrive during the hot summer and those that mature in the fall and winter months, insures a green lawn for all seasons, and where so many different seeds are sown a failure is impossible. The transportation of plant-producing properties from both soil and atmosphere is accomplished by blending those grasses that derive nourishment from the air and transmit it to the soil with grasses that obtain their nourishment from the soil and transmit it to the atmosphere, a mixture most conducive to the healthy growth of a lawn.

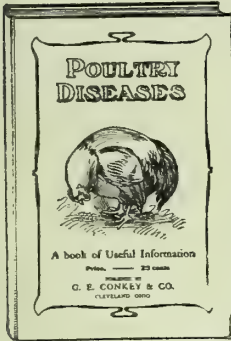
Price 25c pound; \$3.50 bushel. Bushel contains 20 lbs.

We are Agents in this territory for

CONKEY'S POULTRY REMEDIES.

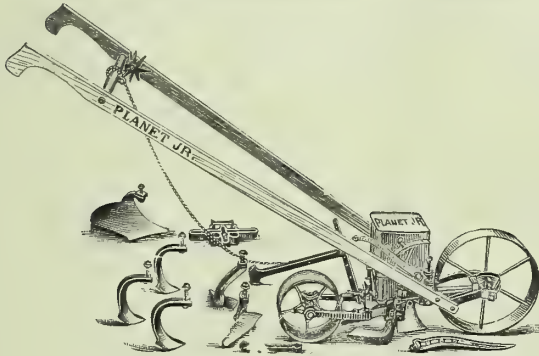
OUR GUARANTEE: The remedies below are guaranteed to this extent—if they fail to cure or to satisfy you, for any reason whatever, tell it to us, and your money will be returned without a question. You are to be the sole judge.

THE G. E. CONKEY COMPANY, Cleveland, Ohio.



CONKEY'S ROUP REMEDY
 CONKEY'S BRONCHITIS REMEDY
 CONKEY'S CHOLERA REMEDY
 CONKEY'S RAPE REMEDY
 CONKEY'S CHICKEN POX REMEDY
 CONKEY'S LIMBER NECK REMEDY
 CONKEY'S SCALY LEG REMEDY
 CONKEY'S RHEUMATIC REMEDY
 CONKEY'S HEALING SALVE
 CONKEY'S POULTRY LAXATIVE
 CONKEY'S POULTRY TONIC
 CONKEY'S LAYING TONIC
 CONKEY'S LICE POWDER
 CONKEY'S LICE LIQUID
 CONKEY'S HEAD LICE OINTMENT
 CONKEY'S NOX-I-CIDE
 CONKEY'S SULPHUR CANDLES
 CONKEY'S FLY KNOCKER
 CONKEY'S DISTEMPER REMEDY
 CONKEY'S MANGE REMEDY

If interested in Poultry Diseases, write or call for Conkey's Book on Poultry.



Planet, Jr. Tools. All Kinds.

POULTRY SUPPLIES

WE SELL THE GENUINE CYPHERS INCUBATORS

Every Standard Cyphers Incubator is guaranteed by the manufacturers to do first class work in the hands of every purchaser who will give it a fair trial and we hereby place our guarantee back of theirs. In buying a Cyphers you take no chances. Persons who earnestly desire to succeed in the poultry business should have the right tools with which to work. Write us today for free illustrated catalog telling all about these superior hatching machines.

Sizes and prices of Cyphers Fire-proofed Incubators. Free on board cars:

No. 0 holds 70 Hen Eggs.....	\$15.00
No. 1 holds 144 Hen Eggs.....	\$22.00
No. 2 holds 244 Hen Eggs.....	\$32.00
No. 3 holds 390 Hen Eggs.....	\$38.00

NOTICE.—The above prices are factory prices. In buying of us you save on freight and also save valuable time. Goods are carried in stock by us the year round. Remember that time is money.

CYPHERS UNEQUALED APARTMENT BROODERS—Free on Board Cars, Springfield, Mo., at Factory Prices.

OVINAPHTHOL NEST EGGS—A disinfectant; will last for a year; 10c. each.

ALUMINUM LEG BANDS—25c. per dozen.

PRACTICAL EGG TESTERS—\$1.00 each.

X-RAY TESTERS—25c. each.

Cyphers Scratching Food, Chick Food, Laying Food, Forcing Food, Mealed Clover, Cut Clover, Shredded Clover, Beef Scraps, Coarse Ground Bone, Fine Ground Bone, Blood and Bone, Oyster Shell.

MICA SPAR CUBICAL CRYSTAL GRIT—No. 2, 3, 4, \$1.00 per 100 lbs.

CHICKEN FEED—Millet for little Chicks. Mixed Chicken Feed, composed of Cracked Corn, Cracked Kaffir Corn, Wheat, Millet, etc.

We carry a large stock at all times. Call and see the goods before placing your order. If we secure your business on Incubators and Brooders, we hope to have your trade also on the poultry supplies which follow the successful use of the machines we are agents for, and we will naturally use every endeavor to make you a pleased customer.

BEE KEEPERS' SUPPLIES

We are Southwestern agents for the celebrated A. I. Root Bee Hives and Supplies. We handle these goods in car lots, and can make a price as cheap as the factory, in fact, cheaper, as we save you the difference in the freight. We would be pleased to have



Combined Bottom Board and Hive Stand.

any one interested write us for **SPECIAL CATALOG** of Bee Supplies.

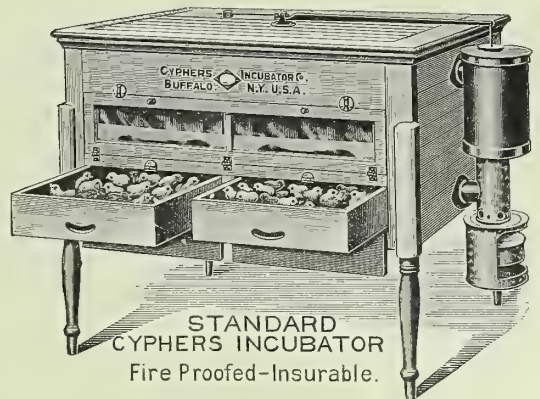
We carry a most complete line of Bee Supplies, such as Hoffman Brood Frames, Shallow Extracting Frames, Plain and Beeway Sections, Bottom Boards, Covers of all kinds, Empty Hive Bodies, Empty Supers, Uncapping Knife, Extracting Can, Honey Press, Paint, Swarm Catchers, Comb Buckets, Smokers, Veils, Honey Boards, Entrance Guards, Hill's Device for Wintering Bees, Foundation Comb, Nails, Section Holders, Division Boards, Separators, Bee Brushes, Fences, Gloves and Feeders, etc.

WE ARE AUTHORIZED AGENTS FOR GENUINE

STANDARD CYPHERS INCUBATORS.

(Patented)

(Look for Trade Mark—Demand the Label)



STANDARD CYPHERS INCUBATOR
 Fire Proofed—Insurable.

Practical poultry raisers who mean business and desire the greatest possible success should look for and DEMAND the qualities that have made Cyphers Incubators World Famous.

Fire Proofed, Insurable, Self Ventilating, Self regulating, Non-Moisture, Efficient, Durable and Positively Guaranteed.

HAMMOND'S SLUG SHOT—Kills Insects: saves foliage—Slug Shot kills cabbage worms, also cucumber, melon, squash and potato bugs. Contains nothing in the least injurious. 5 lb. package, not prepaid, 35c.

WEED SEED CHART

FURNISHED BY THE

Springfield Seed Co.

SPRINGFIELD, MISSOURI

For the Benefit of its Many Patrons



Mixture of weed seeds commonly found in low-grade seed: a, alsike clover; b, white clover; c, red clover; d, yellow trefoil; e, Canada thistle; f, dock; g, sorrel; h, buckhorn; i, rat-tail plantain; k, lamb's-quarters; l, shepherd's-purse; m, may-weed; n, scentless camomile; o, white campion; p, night-flowering catch-fly; q, ox-eye daisy; r, small-fruited false flax; s, cinquefoil; t, two kinds of peppergrass; u, catnip; v, timothy; x, chickweed; y, Canada bluegrass; z, clover dodder; 1, mouse-ear chickweed; 2, knot-grass; 3, tumbling amaranth; 4, rough amaranth; 5, heal-all; 6, lady's-thumb. (Enlarged.)

Buy STAR BRAND SEEDS with a Certificate of Purity

Magnifying Glass to Every Purchaser of
STAR BRAND SEEDS

SPRINGFIELD SEED COMPANY'S WEED SEED CHART.

It is our desire to impress upon our patrons the importance of sowing the **Purest Seed** for their own benefit and to make it easy for them to recognize any foreign seed which may be contained in seed which they may purchase. In order to do this we have secured cuts from the U. S. Government, reproduced from nature which we also reproduce in this chart. We have also secured **magnifying glasses, one to be presented to each of our customers who purchase our Star Brand Seed.**

It is practically impossible to be mistaken when you have the microscope between your eye and the seed.

ANALYZED SEED. We have a Special Analyzing Laboratory in our establishment. This department has instruments identical to those used by the U. S. Department of Agriculture. We have in our employ an expert Analyst, trained by the U. S. Department of Agriculture at Washington, D. C., who will issue a signed **Certificate of Purity** with every **full bag of our Star Brand Seeds.** The Star Brand and Certificate of Purity will both be attached to every **full bag** of the grade shipped



from our establishment. This is of the utmost importance to every farmer buying grass seed. We know of no other seed firm that issues Certificates of Purity. Star Brand Seeds are being used all over the United States by a class of farmers who want to know **exactly** what they are sowing. Our **Certificate of Purity** is the best seed guarantee in existence. We have four grades of seeds besides **Star Brand**, but the **Star Brand** is absolutely the best seed that can be bought.

In addition to this we have extensive trial grounds and greenhouses (25,000 square feet of glass) where we test the vitality of seeds and know just what per cent will germinate before leaving our greenhouses.

The U. S. Department of Agriculture gives an analysis of two extremes of samples of Clover, as follows:

SAMPLE NO.	Price Paid per 100 lbs	Percent of Weed Seed	Percent of Dirt, Sticks & Stones	Percent of Red Clover Seed	Percent of Red Clover Seed that germinated	Number of Weed Seed per lb.	Actual Cost per 100 lbs of Red Clover Seed that Germinated
No. 1.....	\$ 5.20	25.78	26.16	48.06	18.26	139,727	\$28.45
No. 2.....	15.00	.09	1.08	98.83	95.86	150	15 65

In order to sow the same amount of good seed from these samples, it would be necessary to sow $5\frac{1}{4}$ pounds of the poor sample to 1 pound of the other. Every time 150 weed seeds were sown with the good sample, 733,567 of weed seeds would be sown with the poor one.

The above is not an unreasonable example although most cases are not as bad as that.

SPRINGFIELD SEED COMPANY'S WEED SEED CHART.



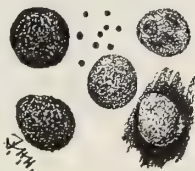
1. Seeds of Red Clover, enlarged.
2. Seeds of Yellow Trefoil, enlarged.

YELLOW TREFOIL seeds are essentially the same size as those of red clover. Their color is generally greenish yellow in fresh seed, becoming brownish in older seed. Many Trefoil seeds bear a light colored stripe on each side from the scar toward the broader end. There is a tip near the scar of Trefoil Seeds, while in the red clover the same point is rounded. (See cut.)

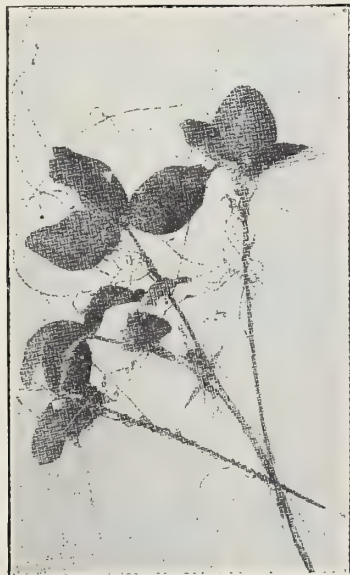
Dodder is a Parasitic plant, as shown by accompanying cut. It is becoming more common in this country. There are two varieties, Clover and Field Dodder, both of which are very pernicious.



Seeds of Field Dodder, enlarged and natural size.



Seeds of Clover Dodder, enlarged and natural size.



Field Dodder, growing on Red Clover.

STAR BRAND SEEDS

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SPRINGFIELD SEED COMPANY'S WEED SEED CHART.

BUCKHORN, RIB GRASS, OR ENGLISH PLANTAIN. One of the commonest weed seed found in Clover, most of which can be removed by proper cleaning. Seeds oblong, rounded on one side, the other having deep groove, with rounded infolded edges of seed, where scar will be found.



Seeds of Buckhorn, enlarged and natural size.



Seeds of Bracted Plantain, enlarged and natural size.

BLACK SEEDED OR BROAD LEAVED PLANTAIN. They are angular black or greenish black and dull. One side slightly rounded, the other angular and bears a whitish scar in center. Often found in small clover seed, but seldom in large seeded grades.

BRACED PLANTAIN. Seeds are similar to those of Buckhorn, but slightly larger, surface dull and finely roughened as seen under a lens. Rounded surface has faint groove, crosswise; near center groove of opposite side is broad and margined with white. Scar is double white margined in center of groove side. Reddish brown color.



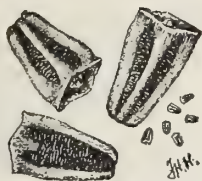
Seeds of Black Seeded Plantain, enlarged and natural size.



Seeds of Wild Carrot, enlarged and natural size.

WILD CARROT. Originally bears four rows of frail white spines, which are rubbed off while thrashing and cleaning, giving a whitish margin to the edges or ridges of seed. Color, dull reddish brown.

SPRINGFIELD SEED COMPANY'S WEED SEED CHART.



Seeds of Scentsless Camomile, enlarged and natural size.

OXEYE DAISY. Plainly marked with ten slender white or yellowish ribs. Surface between ribs is black; a knob is often present at broader end of seed.



Seeds of Oxeye Daisy, enlarged and natural size.



Seeds of Oxtongue, enlarged and natural size.

OX Tongue. Somewhat similar in form and size to lettuce seed, and are marked by irregular transverse ridges which are strongest near the broader more pointed apex of the seed. Color is reddish yellow or sometimes light brown.

LADIES' THUMB OR KNOT-WEED. Seeds are very uniform in size and appearance. They are broadly oval, pointed at the smaller end, flattened with rounded edges, and black with a shining surface; sometimes seeds are three-angled rather than flattened and covered by brown or pinkish scales.



Seeds of Ladies' Thumb, enlarged and natural size.

SPRINGFIELD SEED COMPANY'S WEED SEED CHART.

NIGHT FLOWERING CATCH-FLY, OR CAMPION.

Commonly found in Alsike clover; sometimes in red clover seed; seed about the size of medium sized red clover seed; uniform in size, form and color; kidney shaped, rather thick with flattened faces. The surface is minutely tubercled throughout; color dull gray, most of tubercles being black at pointed apex.



Seeds of Night Flowering Catchfly, enlarged and natural size.

SPURGE. Seed are four sided, rounded at one end and bluntly pointed at the other; color is gray, sometimes light steel gray. Three of the edges are light, a narrow dark groove occupying the other edge. Faces of seed are coarsely wrinkled crosswise.



Seeds of Spurge, enlarged and natural size.



Seeds of Tumbling Amaranth, enlarged and natural size.

TUMBLING AMARANTH. The seed are jet black with highly polished surface and lens-like form and very small.

LAMB'S-QUARTERS. Its seeds are common in seed from all sources. The seeds are circular and lens-shaped; the diameter about equals the width of average red clover seed. The appearance of these seed varies greatly owing to presence or absence of a thin seed vessel. This thin envelope gives the seed a dull black, brown or gray color; sometimes it is broken away, exposing the shining black seed. When seed coat is broken away it shows the yellowish kernel of seed.



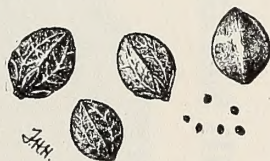
Seeds of Lamb's-Quarters, enlarged and natural size.

SPRINGFIELD SEED COMPANY'S WEED SEED CHART.

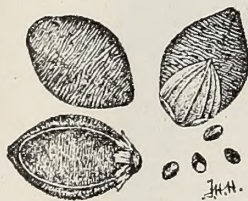


Seeds of Wild Madder, enlarged and natural size.

SORREL, OR SHEEP-SORREL. Seeds are common in low grade small seed, but very few should appear in well cleaned large seeded grades. Oval shaped, blunt three angled and reddish brown, either with or without husk; when husk is removed seeds are smooth and usually brightly polished.



Seeds of Sorrel, enlarged and natural size.



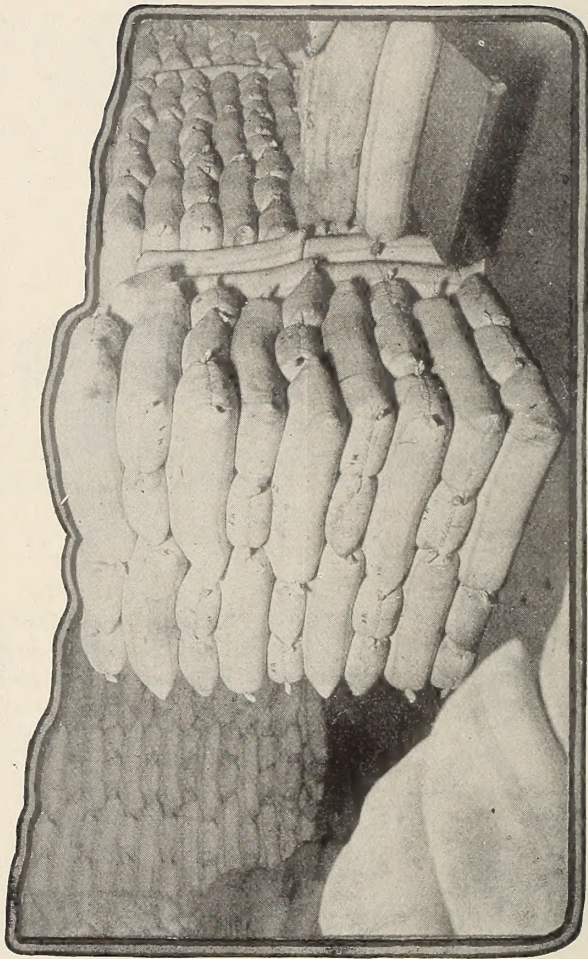
Seeds of Yellow Foxtail, enlarged and natural size.

WITCH-GRASS. Seeds are oval, rounded on both sides; smooth and highly polished. Color varies from gray to very light yellow. Five slender, light colored lines cross one face, two crossing central portion of the other face. Sometimes seed have outer husk of two dull brown, several veined, lance-shaped scales.

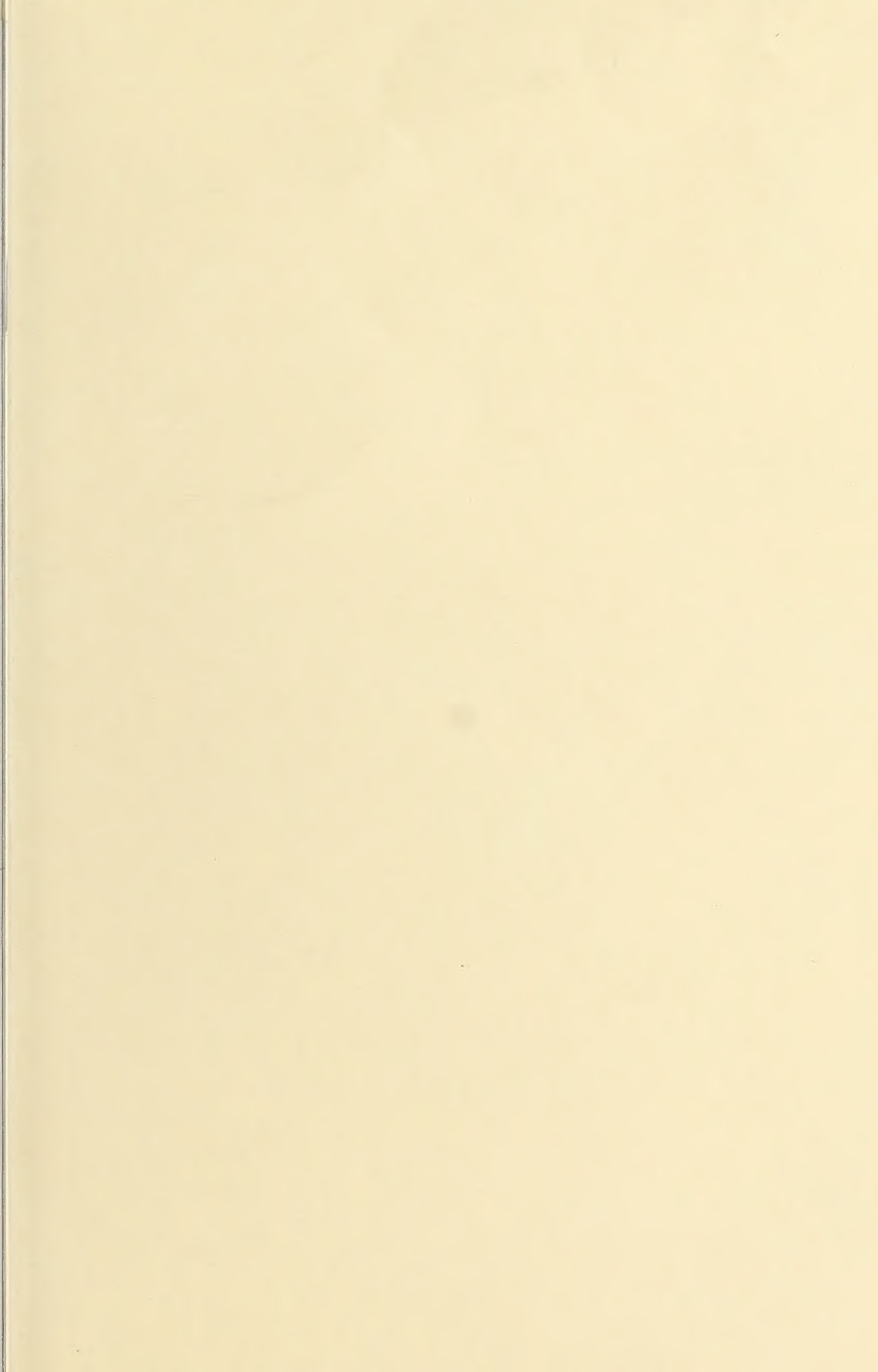


Seeds of Witch-Grass, enlarged and natural size.

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