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F. W. Bolgiano & Co.

SEED IMPORTERS AND GROWERS

1009 B St. N. W.,

WASHINGTON, D. C.

NO. 2 SCARLET
GLOBE RADISH

CAPITAL PARK LAWN GRASS SEED
FOR ALL PLACES.

GOOD LUCK
CHICK SCRATCH FOOD

FULL CROP
PEAS

"JOHN BAER" TOMATO
THE EARLIEST TOMATO ON EARTH
1 PKT. \$1.00 1/2 OZ. \$2.50
1/4 LB. \$15.00 1 LB. \$50.00.

SWEET AIR CANTALOUPE

NATION'S
CHOICEST
GARDEN,
FARM & FLOWER
SEEDS

EXTRA EARLY
IDEAL SWEET CORN

“JOHN BAER” TOMATO

The earliest tomato ever offered, producing large, beautiful, solid shipping and market fruit in 30 days from plants grown in boxes or pots, with roots undisturbed. Fruit weighing about $6\frac{1}{2}$ ounces. “John Baer,” a market gardener, who has made money at the business, saved every ounce of this seed from selected fruit. In shape it is rather round than flat. Bright red, beautiful color, almost without seed. John Baer would not part with any of this seed except for the enormous price of \$500 for a small bag. This tomato we believe will make big money for any who will plant it. We have only a very small quantity to offer. Price, 1 package, \$1.00; $\frac{1}{2}$ oz., \$2.50; 1 oz., \$4.00; $\frac{1}{4}$ lb., \$15.00; 1 lb., \$50.00.

Free by Mail or Express Prepaid. We deliver at prices quoted all packets, ounces and one-quarter pounds, except where quoted not prepaid. We do not deliver one-half pecks, pecks, bushels and barrels, or grass seeds at pound prices.

Give Full Directions and Sign Your Name in Full on all orders to be shipped by freight or express. Give your post-office, also your freight or express office, county and state, and advise us whether you wish goods shipped by freight or express.

Please Order as early as you conveniently can. We aim to fill all orders promptly. Should there be any cause for delay we will write you, stating when we expect to forward.

Guarantee. We give no warranty, expressed or implied, as to description, purity or productiveness or any other matter of any seeds, plants or bulbs we send out, and will not be in any way responsible for the crop. If purchaser does not accept the goods on these terms they are to be returned at once. There are many reasons why seeds do not always turn out as desired, such as sowing too deep or too shallow, in too wet weather, cold weather or too dry soil, or too wet soil, insects which not only destroy the seeds, but often the young plants, about the time they appear at the surface of the ground. For these causes we cannot guarantee seeds or the crop.

F. W. BOLGIANO & CO.,

January 1, 1914. 1009 E St. N W., Washington, D. C.

SPECIAL NOVELTIES FOR 1914

EXTRA EARLY IDEAL SWEET CORN.

Last year for the first time we put the **New Early Ideal Sweet Corn** out to a few of our market gardeners. We have never put out anything that has given greater satisfaction to our friends than this. First, it was ready for the market as soon as the **Extra Early Adams**; Second, large size ear; Third, it brought more money; and Fourth, it satisfied the most critical trade. What more could be said? While not a sugar corn it is a sweet corn,

can be planted at the same time as the **Adams** and produce an ear much larger, finer texture, sweet and with blades on the ear. We already have orders for large quantities of this corn and the stock is short. Not in a single instance have we sold a gardener this corn who does not want more for this season. Price, pint, 20c.; quart, 35c. Express not prepaid; quart, 20c.; gallon, 50c.; peck, 90c.; bushel, \$3.00.

Extra Early Ideal Sweet Corn

EARLY PROLIFIC BONNY BEST TOMATO

In field test the **Bonny Best** proved to be one of the earliest of all early tomatoes. The fruit was extremely abundant and large, much superior to many of the much advertised sorts; in fact, much of the fruit was as large as the largest sorts of commercial Tomatoes. It has an abundance of vine, protecting the fruit from scalding and the blossoms being knocked off by heavy rains and winds. This is fast becoming the leading **Extremely Early Tomato**. Its smoothness, uniformity of size, brilliant red color, evenness of ripening, compact growth and abundance of fruit will make it a money-maker for Gardener, Packer and Home Gardener. Why experiment with other sorts when this one is to be had? Price: Packets, 5 and 10c.; 1 ounce, 25c.; $\frac{1}{4}$ lb., 90c.; 1 lb., \$3.00.

KING OF THE EARLY ROUND GREEN BEANS

Positively the Earliest and Hardest of All Green Podded Beans.

It can be planted at least ten days earlier than any other green bean. It will stand considerable more cold and wet weather than any other beans. This excellent variety is a great improvement over the popular standard sort, **Early Red Valentine**, being **ONE-THIRD LONGER THAN THAT VARIETY, PODS PERFECTLY ROUND AND STRAIGHT**. It has the additional advantage of being suitable for both early and late planting, being extremely hardy. It will withstand both early and late frosts which kill other varieties. A most desirable sort for the market gardeners, owing to its enormous yielding qualities, large and handsome appearance. It resists the various bean diseases. Price: Packet, 10c.; pint, 15c.; quart, 25c.; gardener's prices not prepaid, quarts, 25c.; pecks, \$1.75; bushel, \$6.50.

EARLY MAY KING LETTUCE.

This new Lettuce has been tried for several years by some of the best Market Gardeners. Our grower says: "**May King Lettuce** is a very early variety, light green color; it forms hard, tight heads very quickly after it starts to grow. It has been out for five years, and has become wonderfully popular with the Market Gardeners." Another large grower says it is the best Lettuce ever introduced. Price: Packet, 5c.; ounce, 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

South Carolina, Dec. 12, 1913.
BOLGIANO & CO.

Gentlemen: Increase my order to 375 lbs. your special stock **Arlington White Spine**. I cancelled my order with another seed house. I consider yours best.
M. J. HETHINGTON.

SWEET AIR CANTALOUPE

It is the sweetest, finest flavored, juiciest and best melon ever offered.

It is a little larger than the **Rocky Ford**, well netted, **THICK GREEN FLESH**, small seed cavity. It has readily sold every season for \$1.00 more per crate than any other melon, and has always cut sweet. When the other standard sorts have been flat to the taste this has been perfect in sweetness. Last year our trade offered us \$5.00 per pound for this seed. Restaurants demand it and will take no other when they can get this one.

It is prolific. The best to grow for profit; the best for table; the best for restaurant; **ALL SWEET** should have been its name, but it gets its name from the farm where it originated. Price: 1 ounce, 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Hyattsville, Md.

F. W. BOLGIANO & CO.,

Gentlemen: I have been growing **Sweet Air Cantaloupes** for five years. I have never been able to supply the demand. I get at least 50 cts. per crate more than market price on **Rocky Ford**. They are all sweet.

CHAS. G. HEITMILLER.

Sweet Air Cantaloupe

Special Novelties for 1914

BOLGIANO'S NEW WONDER LETTUCE.

It has solid round heads and will bear transportation better than almost any other variety. For early spring planting in the open ground or under glass it is unequalled. The plants grow 6 to 7 inches in diameter; the outer leaves are so closely folded the plant is practically all head. It is hardy as well as very early, and a quick grower. Leaves are a light green, and slightly crumpled, like Savoy Spinach; inner leaves a bright yellow. In flavor it is particularly rich, buttery and tender. Bolgiano's Wonder has certainly been highly appreciated wherever grown or tried, and is sure to become popular, both in home and market gardens. Price: packets, 5 and 10c.; ounce, 20c.; 2 ounces, 35c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

BOLGIANO'S GOLDEN HEART LETTUCE.

There has always been a demand for a Big Boston Lettuce without the brown tinge. This Lettuce is black seeded Big Boston with less brown tinge. It will stand longer without going to seed and has a fine large heart, light color, and is crisp and tender. Price: packet, 5 and 10c.; 1 ounce, 15c.; 2 ounces, 25c.; $\frac{1}{4}$ lb., 40c.; 1 lb., \$1.50.

WAYAHEAD LETTUCE.

This new lettuce was called first to our attention by some of the leading market gardeners. It shows a remarkable combination of earliness, firm heading character, handsome appearance and fine quality. For cold frames it has no superior, and in the open ground in spring, summer and early fall months it has proven to be not only the earliest, but one of the surest heading varieties. Packet, 5 and 10c.; 1 ounce, 20c.; $\frac{1}{4}$ lb., 60c.; 1 lb., \$2.00.

FULL CROP PEAS.

We go to our most creditable trade with assurance that these peas will please and make money for them. It is late like the Telephone pea, but larger and more than doubly as prolific in pods. Its dark green color and beautiful size, with its delicious flavor, will certainly make this pea a leader. In fact, we predict that in five years this pea will take the place of the Telephones. What could be more to the advantage of the grower than large crops of finer peas?

Our stock is limited, so we advise our trade to get in on a good thing before it is too late. Price: pint, 20c.; quart, 30c.; gallon, \$1.10; peck, \$2.00; bushel, \$7.00.

Big Marvel Peas

BIG MARVEL PEA.

One of the largest podded and earliest of all peas. The vines of the big marvel pea grow from 18 to 24 inches high, require no sticks, with unusual dark green foliage. The pods are long, rich green in color, having from 7 to 9 enormous peas in a pod. The growth of vines is sturdy, and it bears with a profusion that is remarkable. It matures as early as the small Extra Early sort. Its sweetness is truly its own. It will be one of the most profitable market peas yet introduced; for home garden it has no superior. Packet, 10c.; pint, 20c.; quart, 30c.; peck, \$2.00; bushel, \$7.00.

FARR'S WHITE BUSH SQUASH.

This type of White Bush Squash has long been recognized as the earliest squash on the market. Mr. Charles N. Farr and his family have been perfecting this squash for years. We cannot recommend it too highly. We feel that if you want earliness and beauty, you cannot go astray in buying this stock. The earliest squash that has come to this market from local gardeners for the past fifteen years has been from this stock. Fine in appearance, of light green color. Packet, 10c.; $\frac{1}{4}$ lb., 30c.; 1 lb., \$1.00.

SUPERB EXTRA EARLY BEET.

Has taken the lead among the early turnip-shape beet entirely by superb merit of everything pertaining to a beet to make it a recognized leader. It is very early, 8 to 10 days ahead of other early sorts now offered. The shape is uniformly perfect, being entirely free from fibrous side roots, which are so objectionable. In fact, it is the smoothest beet within our knowledge. The flesh is a rich dark blood red, tender, crisp and deliciously sweet; besides having a very small top, is an ideal for bunching. Will produce a crop inside of seven weeks from sowing. Is excellent for forcing as well as for main crop. Packet, 5 and 10c.; 1 ounce, 15c.; $\frac{1}{4}$ lb., 50c.; 1 lb., \$1.75.

Superb Extra Early Beet

Bolgiano's Tested Vegetable Seeds

Seeds from the Best Market Gardener's Stocks and Perfect Germination

Green Pod Bush Beans (BOHNEN)

CULTURE. About the first of May, if the ground is perfectly warm, select a warm, dry, sheltered spot; dig and manure slightly; make drills 2 inches deep and 18 inches to 2 feet apart; drop the beans 3 inches apart in the drills, and cover not more than 2 inches deep. Hoe well in dry weather to keep down the weeds. Sow every two weeks for a succession. Add 15 cents per quart extra if to be sent by mail. One quart to every 400 feet of drill. Two bushels to the acre.

BLACK VALENTINE.—Popular in the South on account of its blight-resisting qualities. Matures early, producing long, round, straight pods, which are tender when young. Price: package, 10c.; pint, 15c.; quart, 25c.; gallon, 90c.; peck, \$1.75; bushel, \$6.50.

KING OF EARLY BEANS.—See full description in novelties. Price: pint, 15c.; quart, 25c.; gallon, 65c.; peck, \$1.75; bushel, \$6.50.

HOPKIN'S EARLIEST RED VALENTINE BEANS.—Are the earliest and most prolific round green podded Beans that have ever been placed in the grower's hands. We secured this very superior stock from a farmer in the State of New York who, after years of greatest effort and determination, produced what has since been termed Hopkin's Valentines. It comes into bearing earlier than the old stock of Valentines, is a wonderful producer and a perfect shipper. Pint, 15c.; quart, 20c.; gallon, 65c.; peck, \$1.15; bushel, \$4.50.

BOLGIANO'S EARLIEST RED VALENTINE BEANS. Our stock of this very superior Bean has been carefully built up to satisfy a most critical market gardeners' trade, which trade we cater to. It is ready for picking in 35 days from planting—ten days earlier than the ordinary Red Valentine Beans.

Packet, 5c.; pint, 15c.; quart, 25c.; gallon, 65c.; peck, \$1.15; bushel, \$4.50.

STRINGLESS GREEN POD.—A most valuable addition to our green podded sorts. The vine is vigorous, spreading and very productive. The pods are larger and a little earlier than those of the Red Valentine, but are quite as fleshy, of equally high quality and remain crisp and tender longer. Seed yellowish-brown in color.

Packet, 10c.; pint, 15c.; quart, 25c.; peck, \$1.50; bushel, \$6.00.

EXTRA EARLY REFUGEE.—Very productive. Two weeks earlier than Late Refugee. Pint, 15c.; quart, 20c.; gallon, 70c.; peck, \$1.25; bushel, \$5.00.

Asparagus (SPARGEL)

CULTURE. Sow the seeds thinly in rows 1 foot apart in April or May (4 to 5 lbs. to the acre), and keep down all weeds. To secure strong, healthy plants, thin the seedlings to 3 or 4 inches in the row, saving only the strongest. The one-year-old plants should be set out in spring in rich, sandy loam, dug 18 inches deep, into which has been worked plenty of well-rotted manure. If a stiff clay soil is all that can be had, add plenty of sand and sifted coal-ashes to loosen it up, and also see that it is well underdrained. In planting for private use, set out in beds of 5 feet wide, three rows in a bed, the outer being each 1 foot from the edge, and allow 12 inches in the rows; set the plants from 4 to 6 inches below the surface. If set out in autumn, top-dress with 6 inches of manure. For market, on a large scale, set out 5 by 1½ feet. Every fall apply a good dressing of coarse manure, after the tops have been cut, and in spring fork in. Never cut too closely. The roots need the benefit of some foliage during the year, else they will weaken and die. Slugs are easily destroyed by applying air-slaked lime.

Add 8c. per lb. if to go by mail. Packages and ¼-lbs. mailed free.

COLOSSAL.—The approved standard sort. The famous Argenteuil of the French is identical with it. Packet, 5c.; ounce, 10c.; ¼ lb., 20c.; lb., 50c.

PALMETTO.—Of Southern origin; a very desirable bright green Asparagus. Packet, 5c.; ounce, 10c.; ¼ lb., 15c.; lb., 40c.

COLUMBIAN MAMMOTH WHITE.—Very large white shoots. Packet, 5c.; ounce, 10c.; ¼ lb., 20c.; lb., 50c.

ASPARAGUS ROOTS.

Plant either in fall or spring. By mail, 50c. per 100 extra. Per 50 Per 100 Per 1000

COLOSSAL.—2-year-old roots....\$0.40 \$0.75 \$4.00

PALMETTO.—2-year-old roots... 0.40 0.75 4.00

COLUMBIAN MAMMOTH WHITE.
A fine sort, with large, white shoots. 2-year-old roots..... 0.40 0.75 4.00

Bolgiano's Earliest Red Valentine Beans

REFUGEE or 1,000 TO ONE.—Medium early, hardy, productive. Pint, 15c.; quart, 25c.; gallon, 75c.; peck, \$1.40; bushel, \$5.50.

EARLY MOHAWK.—Very early and hardy; long, flat, straight pods. Pint, 15c.; quart, 20c.; gallon, 60c.; peck, \$1.15; bushel, \$4.50.

DWARF HORTICULTURAL.—Very productive, pods medium length with splashes of red. Pint, 15c.; quart, 25c.; gallon, 80c.; peck, \$1.50; bushel, \$6.00.

NAVY BEANS.—Used as dried winter beans. Pint, 10c.; quart, 20c.; gallon, 50c.; peck, 90c.; bushel, \$3.50.

Hodson Wax Beans

LAZY WIFE.—One of the best for snaps of the later green podded pole beans. The numerous pods, borne in large clusters, are 5 to 7 inches long, broad, thick, fleshy and entirely stringless. When young they have a rich, buttery flavor, which is retained until they are nearly ripe. The dry beans are excellent for winter use. Seed white. Packet, 10c.; pint, 15c.; quart, 25c.; gallon, 90c.; bushel, \$7.00.

CHERRY POLE OR HORTICULTURAL POLE BEAN (CUT SHORT).—Vines moderately vigorous, with large, light-colored leaves; pods short, pale green, but becoming streaked with bright red; beans large, ovate, splashed and spotted with wine red and of the highest quality either green or dry. Packet, 10c.; pint, 15c.; quart, 25c.; gallon, 75c.; bushel, \$6.00.

OLD HOMESTEAD (IMPROVED KENTUCKY WONDER).—This variety is one of the most desirable and earliest of all the green-podded running varieties. It is enormously productive, the pods hanging in great clusters from top to bottom of pole; entirely stringless; they cook deliciously tender and melting; are strongly recommended. $\frac{1}{2}$ pint, 10c.; pint, 15c.; quart, 25c.; peck, \$1.75; bushel, \$7.00.

Pole Lima Beans

BOLGIANO'S NEW GIANT PODDED EMERALD ISLE POLE LIMA.—Emerald Isle Pole Limas are the largest podded, largest seeded, heaviest cropper of all Limas. They are earlier, more prolific and much larger podded than the King of the Garden. The mammoth pods measure 7 to 8 $\frac{1}{4}$ inches in length and 1 $\frac{1}{2}$ to 2 inches in width, and are borne in great clusters. The vines branch or stool out from the main stalk close to the ground, each vine producing 10 to 15 lateral branches. Emerald Isle Pole Lima Beans continue to bear most abundantly until killed by frost. This is the most perfect Pole Lima Bean ever introduced. It grows green, it dries green, it stays green. Pint, 15c.; quart, 30c.; 4 quarts, \$1.00; peck, \$1.90; bushel, \$7.50.

SIEBERT'S EARLY LIMA.—Extra early, vigorous growth and productive. Pint, 15c.; quart, 25c.; gallon, 80c.; peck, \$1.25; bushel, \$5.50.

KING OF GARDEN LIMA BEANS.—The vines are very vigorous and productive; pods of the largest size, often containing five to six immense green beans of finest quality. On account of its large pods, it is a favorite with market gardeners. Pint, 15c.; quart, 25c.; gallon, 85c.; peck, \$1.60; bushel, \$6.00.

FORD'S MAMMOTH LIMA BEANS.—Large, mammoth-sized pods, containing from five to six extremely large beans. Pint, 15c.; quart, 25c.; gallon, 80c.; peck, \$1.50; bushel, \$5.50.

Dwarf Wax-Podded Snap Short

HODSON WAX BEANS.—A new and entirely distinct type of Wax Beans. Producing a healthy growth of foliage, resists rust and blight, and is remarkably prolific, with long, straight, handsome, light yellow, oval-shaped pods, somewhat resembling Wardwell's Kidney Wax. The pods are brittle and tender, and of fine texture. Pint, 10c.; quart, 25c.; peck, \$1.75; bushel, \$7.00.

GOLDEN WAX.—The well-known old sort; popular for market. Pint, 15c.; quart, 25c.; gallon, 90c.; peck, \$1.75; bushel, \$7.00.

IMPROVED STRINGLESS REFUGEE WAX.—Decided improvement on old Refugee Wax; best for canning. Pint, 15c.; quart, 25c.; gallon, 90c.; peck, \$1.75; bushel, \$6.50.

NEW PROLIFIC GERMAN OR CYLINDER WAX.—Very early and prolific; pods round, full and stringless. A great improvement on the old German Black Wax. Pint, 15c.; quart, 25c.; gallon, 90c.; peck, \$1.75; bushel, \$7.50.

WARDWELL'S KIDNEY WAX.—Very hardy; more robust than any other wax beans; very heavy cropper; not liable to rust or blister. Pint, 15c.; quart, 30c.; gallon, \$1.00; peck, \$2.00; bushel, \$7.50.

CURRIE'S RUSTPROOF WAX BEAN.—It is absolutely rustproof. Pods grow long, flat, and are tender and of fine quality. Very early, productive and by far one of the best shipping beans on the market. Pint, 15c.; quart, 25c.; gallon, 90c.; peck, \$1.75; bushel, \$7.00.

Climbing or Pole Beans

(One quart to 150 hills; 10 to 12 quarts to the acre.) Add 15c. per quart on beans if to be sent by mail.

CULTURE OF POLE BEANS. Choose light soil and make small hills 3 feet apart, having previously spaded deeply and fertilized. Plant long pole 2 feet deep in the center of the hills. Allow six beans to each hill, covering them barely beneath the surface, their eyes downward. Do not allow more than three to climb a pole, but remove extra plants to hills where less than three have sprouted. The Lima Bean is very delicate, and often, from slight causes, fails to sprout. They should not be planted until the ground is warm.

Giant Podded Emerald Isle Pole Lima Beans

Pole Lima Beans—Continued

DREER'S IMPROVED POLE LIMA.—The distinctive features of this are early maturity, large yield and extra quality. The bean itself is thick and round, rather than oval shaped, as most Limas are. $\frac{1}{2}$ pint, 10c.; pint, 15c.; quart, 25c.; gallon, 85c.; peck, \$1.60; bushel, \$6.00.

Bush Lima Beans

FORDHOOK BUSH LIMA BEANS.—This Lima Bean was introduced three years ago and has given great satisfaction. The plants grow erect and stiff and have 5 to 6 thick meaty beans in each pod. Pint, 25c.; quart, 50c.; 8 quarts, \$3.00; bushel, \$12.00.

BURPEE LARGE BUSH.—Is an immense yielder, each bush bearing from fifty to two hundred of the handsome, large pods, well filled with very large beans, which are identical in size and luscious flavor to the well-known large Pole Limas. $\frac{1}{2}$ pint, 10c.; pint, 15c.; quart, 30c.; gallon, 90c.; peck, \$1.85; bushel, \$7.00.

DREER'S LARGE BUSH LIMA BEAN.—This remarkable bush bean produces pods in great abundance. It requires no poles or stakes. The beans grow close together—three, four, and sometimes five, in a pod—and are very thick, sweet and succulent. It ripens fully ten days earlier than any of the Pole Limas. $\frac{1}{2}$ pint, 10c.; pint, 15c.; quart, 25c.; gallon, 90c.; peck, \$1.75; bushel, \$6.50.

HENDERSON'S BUSH LIMA BEAN.—It has merit in being productive and very early for family use, and where the trade demands a small-sized bean it has no superior. It is of fine flavor and very attractive when served on the table. Pint, 15c.; quart, 30c.; gallon, \$1.15; bushel, \$8.00.

Bolgiano's Extra Early
Eclipse Beet

1 oz. to 50 ft. drill.

Beets

5 to 6 lbs. to acre.

CULTURE OF BEETS. Our best seed are grown from selected transplanted roots, and have given truckers and market gardeners, who appreciate a high standard of perfection, the utmost satisfaction. The soil best suited for beet culture is that which is rather light and well enriched. Sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked. When the plants are large enough, thin out to stand 6 inches apart in rows; continue sowing for a succession as late as the middle of August. Keep well cultivated.

SUPERB EXTRA EARLY BEET.—Full description on page 2 of Novelties. Packets, 5 and 10c.; 1 ounce, 15c.; $\frac{1}{4}$ lb., 50c.; 1 lb., \$1.75.

CROSBY EXTRA EARLY (American Grown).—A very superior strain of blood-red Egyptian, carefully selected for years by Mr. Crosby, a noted market gardener, whose aim was to secure a perfect forcing variety. The results obtained were handsome form, good size, few small tops, very small tap root, fine quality, and, above all, quick, rapid growth. The shape is very desirable, not quite so flat as the ordinary Egyptian, nor so round as the Eclipse. Packets, 5 and 10c.; $\frac{1}{4}$ lb., 20c.; $\frac{1}{2}$ lb., 35c.; lb., 60c.

CRIMSON GLOBE.—This splendid new variety is a most valuable introduction. The color is most distinct, being of a rich, deep crimson; in shape uniformly a perfect globe; the skin is smooth and clean. It is early in maturing, and is proving specially desirable and profitable for market gardeners and truckers. Its attractive appearance, splendid flavor and other fine table qualities make it a favorite. Packets, 5 and 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

BOLGIANO'S EXTRA EARLY ECLIPSE BEET.—It is valuable for home gardens and indispensable for market gardens. It was introduced from Germany as a selection or hybrid from the famous Egyptian. It is remarkable for its very rapid growth, the perfection of its form, which is globular, its beautiful crimson flesh, and for its dwarf foliage. The roots are of a bright, glossy red, very fine grained. Packets, 5 and 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

EXTRA EARLY BASSANO BEET.—This Beet is sometimes called Philadelphia Sugar Beet. Root large, turnip shape; come very early, and are very sweet and tender; flesh bright light red. Packet, 5c.; ounce, 10c.; $\frac{1}{4}$ lb., 15c.; $\frac{1}{2}$ lb., 25c.; lb., 50c.

DEWING'S BLOOD TURNIP.—Tops medium size and veins dark red; leaves green; roots dark red, turnip-shaped, with large top; flesh carmine red, zoned with lighter shade; tender, sweet, and a good keeper. Packets, 5 and 10c.; $\frac{1}{4}$ lb., 20c.; $\frac{1}{2}$ lb., 35c.; lb., 60c.

DETROIT DARK RED TURNIP BEET.—One of the best deep red Turnip Beets for market gardeners or home use. Its small, upright growing tops, early maturing and fine globular shape and color of the roots make it very popular. Packet, 5 and 10c.; $\frac{1}{4}$ lb., 20c.; $\frac{1}{2}$ lb., 35c.; lb., 60c.

EDMAND'S BLOOD TURNIP BEET.—The flesh is deep blood red in color and exceedingly sweet and tender in quality. It is round and smooth in shape, and of good market size. It has a small top. Packet, 5 and 10c.; $\frac{1}{4}$ lb., 20c.; $\frac{1}{2}$ lb., 35c.; lb., 60c.

HALF LONG BLOOD BEET.—We recommend this beet to be of great value. Its roots are of a pleasant shape, its flesh is dark red and very tender and sweet. Packet, 5c.; ounce, 10c.; $\frac{1}{4}$ lb., 20c.; $\frac{1}{2}$ lb., 30c.; lb., 50c.

MANGEL-WURZEL BEET FOR CATTLE FOOD.—Four pounds to acre.

IMPROVED SUGAR BEET FOR MAKING SUGAR.—Large growing sort; rich in sugar, hardy and very productive. Lb., 25c.

GOLDEN TANKARD YELLOW-FLESH MANGEL.—Deep yellow-fleshed, of milk-producing quality. Lb., 25c.

GIANT MANGEL-WURZEL.—The heaviest cropper, of mammoth size; fine quality. Lb., 25c.

SWISS CHARD OR SEA KALE BEET.—The leaf and stems are the parts used, and they are much superior to those of other beets to use as greens. Packet, 5c.; ounce, 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

Improved Crosby Egyptian Beet

Select Jersey Wakefield Cabbage

NEW LARGE CHARLESTON WAKEFIELD CABBAGE.—True Long Island grown. It is about five days later than Early Jersey Wakefield; the heads are fully one-half larger and quite solid. It is very compact in growth and can easily be planted 20 inches in the rows. Packets, 5 and 10c.; ounce, 15c.; 2 ounces, 25c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

COPENHAGEN MARKET CABBAGE.

Genuine Danish-grown Seed. Undoubtedly the finest, large, round-headed early Cabbage. The heads average about ten pounds each in weight, are very solid and of fine quality. It matures as early as Charleston Wakefield, and will give a heavier yield per acre than that well-known variety. The plant is short-stemmed, the leaves light green, rather small, and always tightly folded. The plants, therefore, can be set closer together than is usual with varieties of similar size. Packet, 5 and 10c.; ounce, 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

BOLGIANO'S NEW EARLY CABBAGE.—True Long Island grown. This is the finest, large, very early Cabbage. Forms solid, compact heads, and the leaves grow close to the head, thus allowing many more cabbage to be grown on the acre than any sort. Its earliness is one of its remarkable features. This Cabbage is said to be wormproof by leading growers. Packets, 5 and 10c.; ounce, 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

ALLHEAD EARLY.—This famous Cabbage, first named and introduced by us 21 years ago, is considerably larger than any other early summer Cabbage that is equally as early. The deep flat heads are remarkably solid and the most uniform in color, form and size of any variety. The hard heads grow so free from spreading leaves that fully one thousand more heads than usual with large Cabbage can be obtained to the acre. It is really an all-the-year-round Cabbage, being equally good for winter if seed is sown about July 20. We offer only the choicest American-grown seed. Per Packet, 5 and 10c.; ounce, 20c.; $\frac{1}{4}$ lb., 60c.; per lb., \$2.00.

ALL SEASON CABBAGE.—Will do to plant at any season of the year, with assurance that the crop will be fine, large heads, and in every respect give satisfaction. It grows large. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

NEW EARLY SPRING CABBAGE.—Its great value is that it is a first early flat Cabbage. Of the early summer type, not quite so large, grows condensed, the few outside leaves, short stem, solid growth. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

NEW EARLY SUCCESSION CABBAGE.—True American grown. Is ordered by large Cabbage growers long in advance of the time of sowing seed in order to secure our fine stock. Packets, 5 and 10c.; ounce, 15c.; 2 ounces, 25c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

	Packet.	Ounce.	$\frac{1}{4}$ Lb.	Lb.
Early Winnigstadt. A standard second-early variety; very hard heads.....	\$0.05 & .10	\$0.15	\$0.50	\$1.50
Improved Early Summer. A superior second-early sort; produces large and solid heads of finest quality; popular in the South. Selected stock.....	.05 & .10	.15	.50	1.50
Early York. The standard sort. Splendid.....	.05	.15	.40	1.25
Large Early York. Larger than the above. Splendid.....	.05	.15	.40	1.25

It is not without reason that our Cabbage seed sales have increased beyond all our expectations. We this year have sold enough Cabbage seed to plant 50,000 acres of land in Cabbage alone. We do not boast without cause, but we believe that our stocks will give more satisfaction than can generally be bought at the general Seed Stores.

We pay postage or express charges on all seeds bought by the packet, ounce and quarter pound.

Cabbage Seed

1 oz. to 2,500 Plants. $\frac{1}{4}$ lb. to an acre.

CULTURE OF CABBAGE. For very early use sow in January or February in hotbeds; put out when the plants are strong enough into other hotbeds, or sow in cold frames in March; transplant, when danger from killing frost is past, to open ground, in rows two feet apart and eighteen inches in the row. For a succession sow in the open ground the last of March or early in April. The autumn and winter varieties sow in April or early in May, in shallow drills, three or four inches apart; transplant early in July in rows two and one-half feet apart and two feet in the row. Cabbage succeeds best in fresh, rich soil, well manured, and deeply dug or plowed.

SELECT JERSEY WAKEFIELD CABBAGE.—The most popular Cabbage for fall and very early spring planting. Our seeds have been most carefully selected by the best Cabbage Seed Growers in this country. For size, solidity, earliness and truthness to type our seeds stand at the head of all others. Our seeds of this strain are sought after all over the country. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

New Early Cabbage

Cabbage—Continued

Enkhuizen Glory Cabbage.

variety which included large size, solidity, uniformity, good keeping qualities and quick development, so that by planting later than was necessary with the old Flat Dutch they could avoid the cabbage worm and yet mature their crop. Matures in three weeks' less time than the Late Flat Dutch. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

SURE-HEAD CABBAGE. Produces large, round, flattened heads. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

VOLGA.—This variety is of recent introduction and has much merit, and makes large, round heads which are very solid. It is hardy, and will do well in every section where Cabbage is grown. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

NEW MONEY MAKER.—This Extra Early Flat Head Cabbage is fully as early as the Early Jersey Wakefield, a type preferred over the sharp head strain. Small outside leaves, solid heads, and very fine texture, enabling it to be planted very close, thus getting a great number of heads to a given space. This is particularly valuable for market gardeners, and very desirable for family use. Remember this is positively the first early flat Cabbage. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$2.00.

BOLGIANO'S SUPERIOR STOCK LARGE LATE DRUM-HEAD CABBAGE. This splendid Cabbage produces enormous heads and is an all-head Cabbage. Its good keeping quality makes it a first-class sort to carry over winter or for long distance shipping. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

THE EXTRA FLAT DUTCH CABBAGE. Fills a long-felt want of our Cabbage growers. They anxiously looked for a variety which included large size, solidity, uniformity, good-keeping qualities and quick development, so that by planting later than was necessary with the old Flat Dutch they could avoid the Cabbage worm and yet mature their crop. Matures in three weeks' less time than the Late Flat Dutch. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

PREMIUM FLAT DUTCH. This is the favorite and standard of truckers and much improved by careful selections. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

IMPROVED PERFECTION DRUMHEAD SAVOY CABBAGE (True American). There are many varieties of savoy Cabbage, but there is one variety, "Bolgiano's Perfection," that surpasses them all for uniformity of heads, beauty of curl, Extra Large Size and superior keeping qualities. When truckers have failed with other stocks from severe drouths and worms, Bolgiano's Perfection has pulled through all right and come out supreme, making the grower happy by bringing him good returns when Cabbages were scarce. If you try it, you will say more than we have. Packets, 5 and 10c.; ounce, 15c.; 2 ounces, 30c.; $\frac{1}{4}$ lb., 50c.; $\frac{1}{2}$ lb., 75c.; lb., \$1.50.

MAMMOTH RED DUTCH CABBAGE is the largest red Cabbage and heads very solid, and is deep red color to the very center. No Cabbage is better for boiling or for slaw, and its beautiful red color specially fits it for pickling. Packets, 5 and 10c.; ounce, 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

BOLGIANO'S MATCHLESS BRUSSELS SPROUTS. A species of the Cabbage family which produces miniature heads from the sides of the stalk. These heads are a great delicacy, boiled in the same way as Cauliflower. Seed should be sown about the middle of May, in a seed bed, and the plants afterwards set in rows two feet apart and cultivated like Cabbage. Packets, 5 and 10c.; ounce, 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.25.

BOLGIANO'S EARLY FLAT DUTCH CABBAGE. The heads are large and solid. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Large Late Drumhead. A standard winter Cabbage for main crop.....\$0.05 & .10 \$0.15 \$0.50 \$1.50
Large Late Flat Dutch. A valuable sort for market......05 & .10 .15 .50 1.50

We pay postage or express charges on all seeds bought by the packet, ounce and quarter pound.

Improved Perfection Drumhead Savoy Cabbage

The World's Best Cauliflower Seed

CULTURE OF CAULIFLOWER. Sow the seed in a hotbed in January or February, and when the plants are large enough transplant three inches apart in boxes or in other hotbeds until time to plant out. If hardened off they are seldom injured by planting out as early as the ground can be properly prepared, 2½ feet apart each way. Keep them well hoed and bring the earth gradually up to their stems, watering freely in dry weather, and especially when they begin to head. The cauliflower succeeds best when planted in frames at the close of winter and brought to maturity before the summer heat sets in. The late varieties mature in the autumn and are sown and managed similar to winter cabbage.

THE TWENTIETH CENTURY CAULIFLOWER.—Where other Cauliflower fails, gardeners should try this strain. The heads are all large, and every plant will make a head when the conditions are right. In Long Island, N. Y., this strain has given the best satisfaction. The heads are large, compact and white, weighing more than any other sort. The outside leaves are smaller than any other variety; for this reason can be planted closer, thereby getting a greater number of heads to the acre. It is the earliest and makes big and quick money for the grower. The cost to produce this seed is much greater than any other variety. We have demanded that every head must be perfect, or it must not be saved for seed. Price: Packets, 10c., 25c. and 50c.; ½ ounce, \$2.00; 1 ounce, \$4.00; ¼ lb., \$15.00.

EARLY SNOWBALL CAULIFLOWER (Blumen-Kole).—Our seed this season has been more carefully selected than ever, and we go to the grower knowing that we give them seed that has been grown for us by the best grower in Europe. We had an inspector in the fields this season, and he reports that of all crops in Europe, this crop was the most carefully and intelligently grown of all crops that he saw. It grows dwarf, with large, white heads and very early. Our sales have increased each year in the sale of Cauliflower, and we have spared no expense in perfecting this fine strain. We feel sure that if you once try this seed you will have no other, because it is the best. Who gets our seed should make a success and money. Price: Packets, 10c., 25c. and 50c.; ½ ounce, \$1.00; ounce, \$2.00.

THE SUCCESS CAULIFLOWER.—We have found a demand for a Cauliflower that would make a head when the seed was planted late after the early sorts. The Success is that one. We feel that in the introduction of this Cauliflower we have given our trade success in growing Cauliflower. Price: Packets, 10c., 25c. and 50c.; ounce, \$1.50; pound, \$20.00.

Two of the Officials of the Department of Agriculture told us that our Twentieth Century Cauliflower gave finer heads and produced more perfect heads than any they have tried. We consider this the best recommendation possible for any one to have. Testimony that is unbiased by likes and dislikes. Why not get the best?

Twentieth Century Cauliflower

As a profitable crop there are few that equal it, and any one Good Cauliflowers always sell, and sell readily. Packets, 10c.,

Ox Heart Carrot

EARLY SCARLET HORN.—This has always been the general favorite for an early crop. It is of a bright orange color, of delicate flavor. Packets, 5 and 10c.; ¼ lb., 30c.; lb., 75c.

OX HEART SELECTED STOCK.—A thick carrot, five inches long and very blunt at the lower extremity. It grows very rapidly and the roots attain a weight of more than a pound. It is tender, and of a deep red color, and is a variety we can recommend to all market gardeners. Packet, 5c.; ounce, 15c.; ¼ lb., 25c.; lb., 75c.

PRIDE OF THE MARKET CARROT.—This beautiful medium size, pointed-root Carrot is just what gardeners want for an early crop. In color, earliness, size, form and shape it excels all other sorts, and, of course, sells itself. Packet, 5c.; ounce, 15c.; ¼ lb., 30c.; lb., 90c.

NICHOLS'S LONG ORANGE IMPROVED.—One of the most desirable for either garden or field culture. It grows to a large size, fair specimens averaging 12 inches in length and 3 inches in diameter at the top. All who have cattle should raise a surplus of this carrot for feeding milch cows during the winter. It increases the flow of milk and imparts to the butter a rich, golden color. It is more largely used than any other variety by market gardeners. Packets, 5 and 10c.; ¼ lb., 25c.; lb., 75c.

Carrots (GELBE-RUBEN)

Three ounces of seed to 100 yards; four pounds to the acre.

CULTURE OF CARROTS. Carrots, to grow to perfection, require a deep, rich, sandy loam, well pulverized and deeply cultivated. For an early crop sow in May and June in drills about one foot apart, thinning out to four inches in the row; sow for winter crop in June and July. It is very important to tread the rows firmly after sowing the seed.

We pay postage or express charges on all seeds bought by the packet, ounce and quarter pound.

Carrots—Continued

EARLY RUBICON CARROT.—Is a half long orange, stump-rooted Carrot, of a beautiful, deep-red orange color. It is earlier than Danvers, about the same length, but heavier and thicker at the shoulder, making it more productive. The leaves are also shorter, fewer and finer. It is a wonderfully heavy cropper, producing 30 to 40 tons to the acre under good culture. Packets, 5 and 10c.; $\frac{1}{4}$ lb., 20c.; lb., 90c.

HENDERSON'S INTERMEDIATE CARROT.—One of the best main crop carrots. It is noted for its smoothness of shape, its tenderness of flesh and beauty of color. It is free from any coarse, rank flavor. Packets, 5 and 10c.; $\frac{1}{4}$ lb., 30c.; lb., 75c.

HALF-LONG POINTED.—A well-known strain; productive. Packets, 5 and 10c.; $\frac{1}{4}$ lb., 20c.; $\frac{1}{2}$ lb., 35c.; lb., 65c.

HALF-LONG STUMP-ROOTED NANTES STRAIN.—One of the most popular sorts. Packets, 5 and 10c.; $\frac{1}{4}$ lb., 20c.; $\frac{1}{2}$ lb., 35c.; lb., 65c.

CHANTENAY HALF-LONG STUMP-ROOTED.—Style of Nantes, broader shoulder. Packets, 5 and 10c.; $\frac{1}{4}$ lb., 20c.; $\frac{1}{2}$ lb., 35c.; lb., 65c.

DANVERS HALF-LONG.—Large; of good quality; productive. Packets, 5 and 10c.; $\frac{1}{4}$ lb., 20c.; $\frac{1}{2}$ lb., 35c.; lb., 65c.

ST. VALERY.—A thick, intermediate long red. Packets, 5 and 10c.; $\frac{1}{4}$ lb., 25c.; $\frac{1}{2}$ lb., 40c.; lb., 75c.

Early Rubicon Carrot

Celery

ONE OUNCE WILL UPROOTE ABOUT 5000 PLANTS.

CULTURE. Sow the seed of March or early in April, in an open border, in rich, mellow ground, in shallow drills, watering freely in dry weather. By rolling or pressing in the seed the result will be more satisfactory than when only covered. Cut the tops off once or twice before planting out to make them stocky. When the plants are five or six inches high, transplant the dwarf varieties 3 feet and the taller sorts 4 feet between rows; plant 6 inches apart in the rows. Cultivate well, and when large enough blanch by earthing up. The first operation is that of "banding," generally done the beginning of September; after the soil has been drawn up with a hoe, it is drawn closer around each plant by the hand to keep the leaves firm in an upright position and prevent sprouting. When the plants have become "set" in an upright position and the celery is wanted for early use they should be "banked." This is done by throwing the soil as close to the plants as possible with a spade and mounding it with a spade, bringing the earth up nearly to the tops of the plants. The method employed now for protecting is by covering the tops of the banks with boards.

FRENCH GOLDEN SELF-BLANCHING CELERY.—This is the best celery in cultivation. Since its introduction, in 1884, it has been steadily increasing in sales, until now it is the main early celery raised by market gardeners. The beautiful appearance of the plant, with its close habit, compact growth and straight, vigorous stalks, is faithfully shown in the illustration. The ribs are perfectly solid, crisp, brittle and of delicious flavor. It is self-blanching to a very remarkable degree, for without banking up or any covering whatever, even the outer ribs become a handsome, fresh, yellowish white color. The heart is large and solid and of a beautiful rich, golden yellow color. No variety can surpass or, indeed, equal the French Golden. Packets, 5 and 10c.; ounce, \$1.00; $\frac{1}{4}$ lb., \$4.00; lb., \$16.00.

GIANT GOLDEN HEART CELERY.—An experienced gardener found in his dwarf Golden Heart a few plants of larger growth. These were set aside and careful selections made for several years, resulting in the Giant Golden Heart, which excels for large size, solidity and keeping quality. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$15.00.

Turnip Rooted Celery

OUR NEW "VICTORY" CELERY.—Its beautiful, large, full golden heart and compact growth make it an ornament hard to surpass. It is a remarkable keeper, maintaining its firmness as late as May. It is ready for market by December. Packets, 5 and 10c.; ounce, 20c.; $\frac{1}{4}$ lb., 40c.; lb., \$15.00.

BOLGIAN'S GOLDEN HEART CELERY.—This is the old standard sort which has satisfied gardeners these many years. It is crisp, solid, handsome, the most excellent flavor, with a beautiful golden heart. It holds its own against all the new sorts. Packet, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$12.50.

WHITE PLUME.—This famous variety, which is of an entirely distinct type of this popular vegetable, should be grown only for fall and early winter use. Packets, 5 and 10c.; ounce, 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$12.50.

French Golden Self-Blanching Celery

Celery—Continued

HARTWELL'S PERFECTION.—Magnificent, large, golden-yellow heart, of superior quality, excellent winter market sort. Packets 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

THE SCHUMACHER CELERY.—We have been selling this splendid variety to satisfy customers for several years past, and we believe that we have the purest strain that is offered. The stalks grow to an immense size, and are perfectly solid and crisp. It has a firm and beautiful golden heart, and the flavor is first-class. Packet 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

NEW WINTER QUEEN CELERY.—Is beautiful in appearance, of close habit and compact growth, and blanches to a beautiful cream white. Ribs perfectly solid, crisp, and of a delicious, nutty flavor. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

GIANT PASCAL CELERY.—This is a selection from the Golden Self-Blanching. The stalks are very large, thick, solid, crisp, and a rich, nutty flavor, free from any taste of bitterness. It blanches very easily and quickly, and retains its freshness a long time after being marketed. The heart is a golden yellow, very full and attractive. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Corn Salad (ACKERSALAT)

One Ounce Will Sow About Eighteen Square Feet and Six Pounds Will Sow an Acre.

BROAD LEAVED (Large Seeded).—A delicious salad, used during the winter and spring months as a substitute for lettuce, and is also cooked and used like spinach. Sow in spring in drills one foot apart. It will mature in six weeks. For early spring use sow in September and winter over like spinach. Packets, 5c.; ounce, 10c.; $\frac{1}{4}$ lb., 15c.; $\frac{1}{2}$ lb., 20c.; lb., 35c.; 5 lbs., \$1.50.

Cress

TRUE WATER CRESS.—It thrives when its roots and stems are submerged in water. It is one of the most delicious of small salads. The seed should be sown and lightly covered in gravelly, mucky lands, along the borders of small, rapid streams. Packet, 5c.; ounce, 30c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

CURLED GARDEN CRESS.—The seed should be sown in drills about sixteen inches apart on very rich ground, and the plants well cultivated. Packets, 5c.; ounce, 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c. By mail, 8c. per lb. extra.

WILD GARDEN CRESS.—Largely used for pork salad; has a delicious pungent state. Packet, 5 and 10c.; 1 ounce, 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Corn Salad

Sugar or Sweet Corn

Add 10c. per quart if to go by mail. One quart to 200 hills. Eight to ten quarts to the acre.

CULTURE OF CORN. The Sweet or Sugar varieties, being liable to rot in cold or wet ground, should not be planted before May or until the ground has become warm; for succession continue planting every two weeks until the middle of July in rich, well-manured ground, in hills 3 feet apart each way, covering about half an inch, and thin out to three plants to a hill. The extra early varieties can be planted 18 inches in a row and 2½ feet between rows.

EXTRA EARLY IDEAL SWEET CORN.—The earliest, best, most profitable Corn ever introduced. We are certain that this corn will take the leading place which it deserves. Large ears, sweet, delicious flavor, tender and extremely early. Full description and picture first page of specialties. Price, pint, 15c.; quart, 25c.; gallon, 50c.; peck, 90c.; bushel, \$3.50. By mail add, 5c. pint; 10c. per quart, extra.

GILLESPIE'S FIRST EARLY NECK CORN.—For more than twenty years we have placed this corn in the hands of the largest truckers and market gardeners over the United States. Each year our sales of the same have very materially increased. It has always proven in their hands to be the Very First Corn that they can bring to market. It is so hardy that it can readily be planted as soon as the ground is in good working order, and will, from the day of its germination, hurry forward to meet the early demand for fresh corn, which is always very keen, and causes this delicious, attractive and superior corn to bring profitable prices. Ear, 3c.; dozen ears, 25c.; packet, 5c.; pint, 10c.; quart, 15c.; gallon, 30c.; peck, 50c.; bushel, \$2.00.

GOLDEN BANTAM.—Extra early sweet corn, making large ears, maturing just after the Extra Early Neck Corn. This is beyond doubt the best extra early sweet corn. Pint, 10c.; quart, 20c.; gallon, 60c.; peck, \$1.00; bushel, \$3.50.

ADAM'S EXTRA EARLY.—Largely grown for early market. Ear, 3c.; dozen ears, 25c.; packet, 5c.; pint, 10c.; quart, 15c.; gallon, 30c.; peck, 60c.; bushel, \$2.00; 25c. per dozen.

We pay postage or express charges on all seeds bought by the packet, ounce and quarter pound.

Country Gentlemen Corn

All Our Corn is Connecticut Grown

Stowell's Evergreen

SECOND EARLY ADAM'S CORN.—Ears are all larger and later than Adam's Extra Early. Ear, 3c.; dozen ears, 25c.; packet, 5c.; pint, 10c.; quart, 15c.; gallon, 30c.; peck, 60c.; bushel, \$2.00; 25c. per dozen.

STABLER'S EXTRA EARLY.—A new variety of larger sizes than usual for the early kinds. Dozen, 40c.; pint, 10c.; quart, 15c.; gallon, 40c.; peck, 65c.; bushel, \$2.50.

PEEP-O'-DAY.—One of the earliest; very sweet and of delicate flavor. Pint, 10c.; quart, 25c.; gallon, 45c.; peck, 80c.; bushel, \$3.00.

PREMO.—Extra-early; very large ears; fine quality. Pint, 10c.; quart, 20c.; gallon, 40c.; peck, 75c.; bushel, \$2.50.

EIGHT-ROWED SUGAR CORN.—Makes a good-sized ear, comes early and is very prolific. Per dozen, 40c.; pint, 10c.; quart, 15c.; gallon, 50c.; peck, 75c.; bushel, \$2.50.

KENDEL'S GIANT.—Very early for so large-eared a sort; fine quality. Pint, 15c.; quart, 25c.; gallon, 45c.; peck, 90c.; bushel, \$3.50.

EXTRA EARLY EVERGREEN.—For many years the Stowell's Evergreen has been the most popular sweet corn. A grower knowing this has repeatedly made selections for earliness, and the result is the "Extra Early Evergreen." It ripens about ten days earlier and produces ears a trifle shorter than the Stowell's, but the quality is equally as good. It is a splendid variety to come in between the early and late sorts, and is destined to become as popular as the Stowell's Evergreen. Pint, 10c.; quart, 20c.; gallon, 50c.; peck, 90c.; bushel, \$3.50.

EARLY MAMMOTH SUGAR CORN.—Sweet, delicate flavor, producing a large ear and a small-sized cob, which fills out to the end perfectly. Pint, 10c.; quart, 15c.; gallon, 50c.; peck, 75c.; bushel, \$2.50; per dozen, 40c.

STABLER'S PEDIGREE.—Grains deep, straight, rowed and sweet; bears two handsome ears to the stalk; a few days later than Stabler's Early. Pint, 10c.; quart, 15c.; gallon, 50c.; peck, 75c.; bushel, \$2.50; per dozen, 40c.

WHITE EVERGREEN CORN.—The most valuable sweet corn for main crop. It has the ideal qualities of the Stowell's Evergreen corn, only it is pure white, making it the most desirable corn for market and home gardeners. Pint, 10c.; quart, 20c.; gallon, 60c.; peck, \$1.10; bushel, \$4.00.

COUNTRY GENTLEMEN'S SWEET CORN.—The deep shoe-peg kernels are placed irregularly, but compactly upon the cob. It is very prolific, generally bearing three to five ears to the stalk, and matures a little before Stowell's Evergreen, being sweeter and more sugary to the taste even than that well-known standard of quality. Pint, 10c.; quart, 20c.; gallon, 60c.; peck, \$1.10; bushel, \$4.00.

STOWELL'S EVERGREEN SUGAR.—This is not only the most celebrated, but the most popular of all the varieties, although not an early sort. It is, without any exception, the best for table use of the entire lot, although quite late. Some may observe they have tried it and found it not equal to the ordinary sugar. To such we say you have not had the pure stock, as no variety degenerates so quickly, without the grower is exceedingly careful. We have very frequently observed samples sent out by home seed establishments as Stowell's Evergreen, that were composed of several varieties, caused by being grown in the vicinity. Pint, 10c.; quart, 15c.; gallon, 50c.; peck, 90c.; bushel, \$3.00; per dozen, 40c.

LATE MAMMOTH.—Rank in growth; large ears, rich and sweet. Pint, 15c.; quart, 25c.; gallon, 45c.; peck, 90c.; bushel, \$3.50.

RICE POP CORN FOR POPPING OR SEED.—A very handsome variety; ears short; kernels long, pointed; very prolific; no variety of pop corn is superior to this for popping. 10c. per pound.

Field Corn

HICKORY KING.—Broad, large, white grain special, adapted to poor ground; grows 2 to 3 ears to the stalk. Pint, 10c.; quart, 15c.; gallon, 35c.; peck, 60c.; bushel, \$2.00.

MAMMOTH GOLDEN.—Beauty corn, large yellow grain; fine size ears; very small cobs. Pint, 10c.; quart, 15c.; peck, 60c.; bushel, \$2.00.

CHOICE WHITE DENT CORN.—Long narrow grain; large fodder; very prolific; large ears; small cob. Pint, 10c.; quart, 15c.; peck, 50c.; bushel, \$1.75.

BOONE COUNTY WHITE CORN.—A pure white corn on a white cob. Not a red cob in the lot. Ears average over twelve inches. Not slender like so much of the long corn, but big in proportion. Very deep grain, not overly wide. Rows generally 20, sometimes 22 or 24. A perfect shape. That is the striking thing about it—big, long ears, beautiful shape, perfect butts and tips, and deep grains. Grains fit very tightly together, showing a square rather than a rounded top. Stalk very strong and of medium height. Ears always lay over, but shanks are not long enough to blow off easily. Season about 110 days. Ripens in plenty of time in this latitude and 100 miles north. Compared with other varieties it is about two inches longer, better shape, better grain and dries out better. Price, \$1.75 per bushel; 50c. per peck.

Corn by mail add 5c. per pint; 10c. per quart; 30c. per gallon; pecks and bushels by express at purchasers' expense.

One Ounce to Fifty Hills

CULTURE OF CUCUMBER. For early cucumbers sow the first of April in a hotbed upon pieces of sod (grass side down), so that they can be readily transplanted to the open ground in rich soil when danger of frost is over or protect by hand glasses. For early use plant, if the weather has become settled and warm, in hills about four feet apart each way; thin out to four of the strongest plants to each hill after all danger from insects is over; they succeed best in warm, moist, rich, loamy soil; continue planting at intervals for a succession. The cucumber should be gathered when large enough for use, whether required or not; if left to ripen it destroys the productiveness. For pickles, plant from June until the middle of July.

Cucumber

GURKEN

Arlington White Spine Cucumber.

ARLINGTON WHITE SPINE CUCUMBER.—Our selected strain of this famous cucumber is by far the best type on this or any other market. We have this season grown only from seed produced from cucumbers that were simply perfect in every respect. Dark, rich, green color and holding its color long after other sorts have gone yellow and become unsuited for the market. A crop of our stock of Arlington White Spine is sure to make trade for any market garden and for home use it surpasses all other kinds. As a shipper it has no equal. Packets, 5 and 10c.; $\frac{1}{4}$ lb., 20c.; $\frac{1}{2}$ lb., 30c.; lb. 50c.

NEW KLONDIKE CUCUMBER.—This valuable variety is one of the best slicing, and will produce Cucumbers equal in appearance to the hot-house grown specimen. The color is rich dark green, and the fruits grow to a uniform size, measuring about 7 in. in length and 2 in. thick when in good condition for use. It matures early. Packet, 5c.; ounce, 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

WHITE SPINE EXTRA-EARLY.—An extra-early strain of the popular White Spine. Packets, 5 and 10c.; $\frac{1}{4}$ lb., 20c.; $\frac{1}{2}$ lb., 30c.; lb., 50c.

EVERGREEN.—Very early and prolific; deep green color. Packets, 5 and 10c.; $\frac{1}{4}$ lb., 20c.; $\frac{1}{2}$ lb., 30c.; 1 lb., 50c.

IMPROVED LONG GREEN.—Long and crisp; a popular variety for pickles. Packets, 5 and 10c.; $\frac{1}{4}$ lb., 20c.; $\frac{1}{2}$ lb., 30c.; 1 lb., 50c.

SMALL GHERKIN.—Very small bur; used for pickles. Packets, 5 and 10c.; $\frac{1}{4}$ lb., 40c.; $\frac{1}{2}$ lb., 75c.; 1 lb., \$1.50.

BOLGIANO'S EARLY FORTUNE WHITE SPINE CUCUMBER.

In color Early Fortune is a rich attractive deep green. This inviting color it retains during a much longer period of growth than any other variety; it is so regular in form, one so much like the other, Growers marvel at the purity and trueness of our stock—in fact in selecting our Stock Seed these Cucumbers are so perfect it is almost impossible to say which is best.

The quality is superb, flavor delicate, refreshing and delightful, entirely free from any bitterness, being fine grained, the flesh compact, it is exceedingly crisp and brittle, making it an ideal slicing Cucumber.

Packet, 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 25c.; $\frac{1}{2}$ lb., 40c.; lb., 75c.

NEW DAVIS PERFECT CUCUMBER.—Davis Perfect Cucumber resembles a hot-house Cucumber so closely that dealers cannot tell the difference, it being equally good for hot-house or outdoor culture. It is ideal in shape, rich, dark green color, uniform and regular in size. Exceedingly productive. Price, packet, 5c.; ounce, 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Endive One ounce will sow 150 feet of row.

Endive is one of the best salads for fall and winter use. Sow for an early supply about the middle of April. As it is used mostly in the fall months, the main sowings are made in June and July. Plant one foot apart each way. When the plant has attained its full size gather up the leaves and tie them by their tips in a conical form. This excludes the light and air from the inner leaves until blanched.

GREEN CURLED.—Self-blanching. The best in cultivation. Much more beautiful and ornamental than the old sort. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 30c.; lb., 90.

ESCAROLE, or BROAD-LEAVED ENDIVE.—Leaves a pale green; requires very little blanching. More productive than green curled. Forms large heads of broad thick leaves. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.

GREEN CURLED SELF-BLANCHING ENDIVE

Seeds of Pot, Sweet and Medicinal Herbs

	Packets.	Ounce.	$\frac{1}{4}$ Lb.	Lb.
BASIL. —Sweet. Culinary herb used for flavoring soups, etc.,	\$0.05 & 10	\$0.15	\$0.30	\$1.00
DILL, Mammoth. —For sowing. Seeds used for flavoring vinegar,	.05 & 10	.15	.25	.75
LAVERNER. —True. For oil and distilled water,	.05 & 10	.15	.40	1.25
MARJORAM. —Sweet. Is used in seasoning,	.05 & 10	.15	.30	1.00
SAGE. —Broad-leaf. A culinary herb; also used in medicine,	.05 & 10	.15	.40	1.25
SUMMER SAVORY.	.05 & 10	.15	.30	1.00
THYME. —Broad-leaved English. Is used as a seasoning,	.05 & 10	.30	.75	2.50

We pay postage or express charges on all seeds bought by the packet, ounce and quarter pound.

**BLACK BEAUTY
EGG PLANT**

It grows from 3 to 4 feet high, erect and sturdy, free from thorns. Fruit is large, oblong in shape and purple, though not so deep a color as the New York Improved. It resists drought and wet weather to a wonderful degree. It is the only Egg Plant that stands shipping from this section to the Northern markets under almost all circumstances. It brings the highest price in the Northern markets, keeping its freshness and condition much longer than any other variety. Packets, 5 and 10c.; ounce, 25c.; $\frac{1}{4}$ lb., 80c.; lb., \$3.00.

Improved Kohl-Rabi

CULTURE. Sow in spring, in rows 18 inches apart, afterward thinning the plants to 5 or 10 inches. If the weather is suitable the thinnings may be planted, but it is considered better to grow the plants from seed. Give the plants deep and warm soil. The thinnings should be 2 or 3 inches high. They are fit to eat, and should be used at once, being cooked before eating.

IMPROVED KOHL-RABI.—Has always been a favorite with the European gardener, and is gradually gaining great popularity in this country. When young and tender, and properly prepared for the table, it is almost equal to cauliflower. Besides, it is a certain crop, requiring no more care or cultivation than a crop of cabbage. For an early crop sow in a hot bed early in spring, and treat the same as directions given for early cabbage. For a fall crop sow in June. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 40c.; $\frac{1}{2}$ lb., 75c.; lb., \$1.50.

KOHL-RABI $\frac{1}{2}$ pounds to the acre

Egg Plant

One ounce Egg Plant Seed will produce about 500 plants.

CULTURE. Egg Plant seed should be sown very early in hotbeds; the plants, being very tender, must be protected from frost, but exposed as far as possible to light and air to harden them. Egg Plant seed will not germinate freely without a strong uniform heat; if they get the least chilled they seldom recover, therefore repeated sowing is sometimes necessary.

BLACK BEAUTY.—The earliest and best of all large fruited Egg Plants. It is valuable alike to the private planter and the extensive grower for market. Black Beauty produces fruits fully as large and ready for use ten days to two weeks earlier than the New York Improved Purple. The plants branch very freely near the ground and grow in well-rounded bushes. The grand, large fruits are thick, of most attractive form, as shown in the illustration. The skin is a rich lustrous purplish black—the satin gloss and rich coloring adding greatly to the beauty of these "eggs." The intensely brilliant coloring is uniform over the whole fruit and does not fade or change to a lighter color, so that the entire crop can be gathered before there is any danger of frost. Truckers generally are delighted with "Black Beauty." Packets, 5 and 10c.; 1 ounce, 30c.; $\frac{1}{4}$ lb., 90c.; lb., \$3.50.

NEW YORK IMPROVED LARGE PURPLE, THORNLESS EGG PLANT.—In shape, color and size this egg plant is perfection, its rich, glossy dark purple color, its beautiful form and large size make it most attractive for the markets and for shipping. Packets, 5 and 10c.; ounce, 30c.; $\frac{1}{4}$ lb., 90c.; lb., \$3.50.

Bolgiano's Florida High Bush Egg Plant

THE FLORIDA HIGH BUSH EGG PLANT has proved of the greatest value to the Southern truckers and shippers. It is remarkable for its vigorous growth and productiveness, is very hardy, and will stand more cold weather than the New York Improved. The hot sun does not blight the blossoms. The plant has a characteristic leaf, unlike any other Egg Plant we know of.

**NEW YORK IMPROVED
EGG PLANT**

We pay postage or express charges on all seeds bought by the packet, ounce and quarter pound.

Norfolk Kale

beautiful kale. About Baltimore it is sown in May, and transplanted like cabbage to stand over winter. Around Norfolk it is grown largely broadcast, like the German Kale, for early shipment. It is most desirable and will continue to grow in favor. Packet, 5c.; ounce, 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

BOLGIANO'S CURLED BEAUTY KALE.—Extra Curled Long Standing Kale. In 1906 Mr. Bolgiano, on an inspection trip through Long Island, ran across a new Kale of very decided merit. It was more curled than the Long Standing and in every way more beautiful. It resembles the Norfolk Kale, but does not need to be transplanted or planted in rows as does that variety. It is the most beautiful Kale we ever saw. Price, 10c. per ounce; 2 ounces, 15c.; $\frac{1}{2}$ lb., 25c.; lb., 75c.

NEW VERY CURLY LONG-STANDING KALE.—A beautiful curled and crimped sort, of strong, vigorous habit; perfectly hardy, bright green color, and very attractive in appearance. It is superior to all other sorts, and will stand longer without shooting to seed than any other variety. Packet, 5c.; $\frac{1}{4}$ lb., 10c.; $\frac{1}{2}$ lb., 15c.; 1 lb., 25c.

1 ounce to sow a drill of 100 feet **Leek** LAUCK

CULTURE OF LEEK. The leek is very hardy, of easy culture, and succeeds best in a light soil. Sow early in April in drills 1 foot apart and 1 inch deep. When the plants are 6 to 8 inches high, transplant in a deep, rich soil in rows 12 inches apart and 6 inches in the rows, as deep as possible, so that the neck may be covered and blanched; draw the earth to them as they grow. The seed may also be sown in August or September, and the young plants transplanted in the spring.

EXTRA LARGE LEEK.—It is the best. This mammoth leek is not to be compared with the old kinds. It grows much larger and is very handsome. Take the extra large, as the old sorts are not worth garden room. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

SOUTHERN GIANT CURLED MUSTARD.—An improved variety, much esteemed in the South. Very succulent, pungent, and of sweet flavor. Frequently sown in the fall in the South. Packet, 5c.; ounce, 10c.; $\frac{1}{4}$ lb., 15c.; $\frac{1}{2}$ lb., 20c.; lb., 40c.

Mushroom Spawn

CULTURE. Mushrooms may be grown in cellars, under benches of greenhouses, or in sheds, wherever the temperature of 50 degrees can be kept up through the winter. The beds should be made from November to February, according to the time the Mushrooms are wanted; and it requires about two months for them to begin bearing. Secure fresh horse manure, free from straw and litter, and mix an equal bulk of loam from an old pasture with it. Keep this under cover, taking care to turn it every day to prevent heating, until the pile is large enough to make a bed the required size. Three or 4 feet wide, 8 inches deep, and any length desired are the proper proportions for a bed, but these may be varied. Prepare the mixture of loam and manure, making the bed in layers, and pounding down each with the back of the spade. Leave this to heat through for a few days, and as soon as the heat subsides to 90 degrees, make holes in the bed about a foot apart each way, into which put pieces of the spawn 2 or 3 inches in diameter; fill up the holes with the compost, and at the expiration of a week or ten days the spawn will have thoroughly diffused itself through the bed. Spread a layer of fresh soil over the heap to the depth of 2 inches and cover with 3 or 4 inches of hay, straw or litter. Examine the bed often to see that it does not get dry. Take special care, however, when water is given, that it be at a temperature of about 100 degrees.

AMERICAN SPAWN.—In bricks. Per brick, 19c.; 10 bricks, \$1.60; per 100 bricks, \$12.50.

We pay postage or express charges on all seeds bought by the packet, ounce and quarter pound.

Kale BATTER-KOHL

CULTURE OF KALE. Kales are more hardy than cabbage and make excellent greens for winter and spring use, being improved by frost. Sow from May to June and cultivate same as cabbage. One and one-half pounds to the acre. One ounce will sow 200 feet drill.

EXTRA DWARF GREEN CURLED SCOTCH, or NORFOLK KALE.—This is one of the best kales for spring sowing in the north, and is the principal sort grown in the south for northern markets. It is hardy and will remain over winter in any place where the temperature does not go below zero. The habit is very dwarf and spreading, and will rarely exceed 18 inches in height. The leaves are of dark green color, beautifully curled and produced in great abundance. Packet, 5c.; ounce, 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

CURLED GERMAN KALE.—Hardy; stands the frosts of our severest winters, grows rapidly, dwarf habit and is beautifully curled. Thousands of acres are sown in this section to supply the market. Packets, 5c.; $\frac{1}{4}$ lb., 10c.; $\frac{1}{2}$ lb., 15c.; lb., 25c.

BORE COLE, or KALE.—This is a most desirable to stand over winter. Around Norfolk it is most desirable and will continue

Extra Large Leek

Lettuce (LATTICH)

CULTURE. Sow the seeds in frames or in rows in March, transplant the plants in June, and in the same month the seeds are sown in rows in the open ground. The plants are ready for use in June, and may be used in the garden or in the house.

Golden Heart Lettuce (Better than Big Boston)

BOLGIANO'S GOLDEN HEART LETTUCE.—This is going to be a leader. Full description in the novelties, page 2.

BOLGIANO'S NEW WONDER LETTUCE.—This new lettuce has solid round heads between 6 and 7 inches in diameter. It is hardy and very early or quick in maturing. The outer leaves are tinged with brown, but not to the extent that Big Boston is. Its fine flavor alone would make it take a leading place among lettuce growers. Packets, 5 and 10c. Price: 1 ounce, 20c.; 2 ounces, 35c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

FARMER'S PRIDE LETTUCE. We recommend this lettuce, feeling that when we do we have placed in the hands

of our trade one that will give the utmost satisfaction. It forms a large, solid head, slow to seed and early in forming. Its large golden heart with outside leaves of bright green makes it pleasing to the eye, and when used at the table it is unsurpassed. The leaves are crumpled and have none of the coarseness of other sorts. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

BIG BOSTON LETTUCE.—It is for forcing in cold frames or open ground planting. The Big Boston is wanted by market gardeners and truckers because it always produces large, salable heads, and because it heads up well at all seasons of the year, and is of crisp, tender quality. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 40c.; $\frac{1}{2}$ lb., 60c.; lb., \$1.00.

BOLGIANO'S OAK LEAF LETTUCE is most remarkable for resisting the summer's heat, and retains its remarkable conditions long after other sorts become worthless. Packets, 5 and 10c.; 2 ounces, 15c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

GIANT CRYSTAL HEAD LETTUCE.—A splendid new cabbage-head Lettuce; very large, solid; outside leaves bright green; inside crystal white, with yellow heart; crisp and tender. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

HUBBARD MARKET LETTUCE.—One of the very best Lettuce for planting in the fall to stand over winter, either in cold frames or outside. Makes a large, light color of superior quality. Packets,

Bolgiano's White Seed Summer Lettuce (For description see page 16)

solid head, with outside leaves a delicate green, and inside head a fine light color of superior quality. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

We pay postage or express charges on all seeds bought by the packet, ounce and quarter pound.

Lettuce—Continued

BOLGIANO'S WHITE LOAF LETTUCE.—Gilt edge stock for careful growers. The best of all. Has large, solid heads, suitable for frames or outdoor. The most experienced truckers pronounce our White Loaf Lettuce the best they ever grew. Lettuce in frames and outdoor is a most important item with our large truckers. To find their purpose a Lettuce must form a reliable head, be crisp and with pleasant flavor. These qualities they find in our White Loaf, which is used in large quantities for fall and spring sowing and makes a paying crop. Packets, 5 and 10c.; ounce, 15c.; 2 ounces, 25c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.00.

BOLGIANO'S WHITE SEED SUMMER LETTUCE.—For a number of years there has been a demand for a first-class hard-heading Lettuce, one that would stand the heat and at the same time make a large head with a golden heart, free from bitter taste. In this Lettuce we have all these good qualities. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

MAMMOTH BLACK SEED BUTTER LETTUCE.—In a trial of several hundred Lettuce we were impressed with this kind for summer use. It makes a large, light green head; the leaves are slightly crimped like our White Loaf. It withstood the summer heat and made a finer appearance than any other maturing at the same time. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

BOLGIANO'S BLACK SEED SUMMER LETTUCE.—A perfect heading outdoor Lettuce, especially during our dry, hot summer, because it is long standing and always tender and pleasant to the taste. It does equally well for forcing under glass in hot beds, cold frames, greenhouses and for outside cultivation. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

GOLDEN QUEEN.—One of the best first early head Lettuce for either open ground or frame culture, and a good forcer; medium size, solid, golden yellow heads, crisp and tender. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

BOLGIANO'S NEW EARLY SPRING LETTUCE.—In the early spring months this elegant Lettuce does its best, producing large, cabbage-like heads, which are uniform in size, tender and crisp. Packets, 5 and 10c.; ounce, 15c.; 2 ounces, 25c.; $\frac{1}{4}$ lb., 40c.; $\frac{1}{2}$ lb., 75c.; lb., \$1.25.

BOLGIANO'S & CO'S PRIVATE STOCK LETTUCE.—An improved type of the popular Big Boston, having the same characteristics of that variety except the leaves are free from the brown tinge. The heads are solid and very crisp when other sorts become tough and flaky. An all-season Lettuce. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

CALIFORNIA CREAM BUTTER.—Very large, solid heads; inside very white, \$0.05 & 10 \$0.15 \$0.30 \$1.00

ROYAL WHITE CABBAGE.—For starting in coldframes and setting out early,05 & 10 .15 .30 1.00

BOSTON MARKET, or TENNIS BALL LETTUCE.—This variety is used especially for greenhouse and hotbed,05 & 10 .15 .30 1.00

BOLGIANO'S WHITE FORCING LETTUCE.—For Hotbeds and greenhouse culture,05 & 10 .15 .30 1.00

DEACON.—Large, solid, summer cabbage variety,05 & 10 .15 .30 1.00

SIMPSON EARLY CURLED.—A leading early sort; very tender,05 & 10 .15 .30 1.00

SALAMANDER IMPROVED.—Fine, compact heads; resists summer heat,05 & 10 .15 .30 1.00

HANSON IMPROVED.—Very large and solid; withstands the hot sun well,05 & 10 .15 .30 1.00

DUTCH SPECKLED BUTTER.—Large, Solid and crisp heads,05 & 10 .15 .30 1.00

DEFIANCE.—Stands during hot weather, fine quality,05 & 10 .15 .30 1.00

BIG HEAD.—Extra large heads of good quality,05 & 10 .15 .30 1.00

GRAND RAPIDS.—Finest quality of Leaf Lettuce,05 & 10 .15 .35 1.25

TRIAXON WHITE COS LETTUCE.—This favorite of the Paris table excels all other Lettuce in crispness, tenderness and flavor and is unapproached by any other. The heads are tall and conical. When blanched the leaves become stiff like stalks of celery, and snowy white, and may be eaten like celery, hence it is known as the celery Lettuce. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Muskmelon or Cantaloupe

CULTURE. Melons thrive best in a rich, light soil. Plant early in May, when the ground has become warm and dry, in hills six feet apart each way for muskmelon, eight feet for watermelon. Previous to sowing the seed, mix a few shovelfuls of well-rotted manure in each hill, and plant in each twelve to fifteen seed; after all danger of the bugs is over, thin out to three plants per hill. When about one foot long, pinch off the tips to make them branch, as it strengthens the growth of the vines and makes the fruit mature earlier. Give plenty of water and feed liquid manure occasionally. A few hills for early use may be had by sowing on pieces of sod in a hotbed, and when warm enough transplant to open ground.

NETTED GEM, OBLONG. —Same as Rocky Ford, save in shape,	\$0.05 & 10	\$0.15	\$0.50
OSAGE. —Cocoanut-shaped, yellow flesh; light green netted skin,	.05 & 10	.20	.60
PAUL ROSE. —Handsome oval variety, rich orange flesh, very sweet,	.05 & 10	.20	.60
BURRELL'S GEM. —Selected stock. Reddish orange flesh; fine-grained and spicy,	.05 & 10	.20	.60
EMERALD GEM. —Small, extra-early; dark green skin, orange flesh; very sweet,	.05 & 10	.20	.60
HACKENSACK, EXTRA-EARLY. —Ripens 10 days earlier than the Hackensack,	.05 & 10	.20	.60
JENNY LIND. —Small, green-fleshed; very early, good quality,	.05 & 10	.20	.60

Black Seed Summer Lettuce

One ounce will plant about 50 hills.
2 or 3 pounds in hill per acre.

Sweet Air Cantaloupe

Muskmelon or Cantaloupe

SWEET AIR CANTALOUPE.—There has not been introduced a melon as deserving to be placed in the front rank of melons as this one. All the good qualities of all other melons are combined in this melon. Full description on page 1 of novelties for this year. Price, 1 ounce, 15c.; $\frac{1}{4}$ lb., 25c.; 1 lb., \$1.00.

POLLOCKS NETTED ROCK CANTALOUPE OR MONEY-MAKER.—This melon was called to our attention in 1907. The growers in Rocky Ford have been trying to get a RUST PROOF and BLIGHT PROOF MELON. Mr. Pollock found this melon plant in a patch where all the rest were dead from blight and rust and began to grow stock from this one vine, each year making selections so as to perfect the type. It is distinct in its markings, being almost entirely covered with netting, slightly larger than the Rocky Ford; very delicious in the spicy sweet cantaloupe flavor.

This melon is fast becoming the leading cantaloupe of the West as well as the East. The Colorado Experimental Station has taken it up and recommends it to everyone. Rust proof and blight proof and sweet. Our seed comes direct from Pollock. Price, 10c. per packet; $\frac{1}{4}$ lb., 20c.; 1 lb., 75c.

THE NEW "TIP TOP" MUSKMELON. Ought to be planted by every gardener. Sweet, juicy, finest flavored, firm (but not hard) fleshed, and suitable to the outside coating. Its appearance on the market is very attractive. Sells on sight. The fruit is of large size, nearly round, evenly ribbed and moderately netted. It is also perhaps the most productive melon known. Packets, 5 and 10c.; $\frac{1}{4}$ lb., 25c.; lb., 60c.

ROCKY FORD, JR. Few melons have given as much satisfaction as this distinct new melon. A little larger, two weeks earlier and very prolific—much more prolific than the old Rocky Ford Cantaloupes. Packets, 5 and 10c.; 1 ounce, 10c.; $\frac{1}{4}$ lb., 20c.; 1 lb., 75c.

BELGIAN'S BALTIMORE NUTMEG CANTALOUPE is, as you know, a large green-flesh variety, sweet as sugar; in fact, the flavor which cannot be duplicated in any other kind. Packets, 5 and 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

ROCKY FORD CANTALOUPE.—Reliable stock, luscious flavor; a healthy, vigorous grower; exceedingly prolific. No muskmelon ever introduced has had such widespread popularity and been a source of so much profitable realizing as this grand melon. We are sure the seed of this famous money-maker will very early be consumed. The ground color of the skin is, when ripe, of a rich, greenish gold. The netting is very prominent, and is light in color, which makes the outer appearance very attractive. The flesh is very deep, ripening clear to the rind, and it has an exceedingly small seed cavity. Packet, 5c.; ounce, 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

Rocky Ford Cantaloupes

Okra or Gumbo Green Okra Ten Pounds to the Acre

CULTURE. This vegetable is extensively grown for its green pods, which are used in soups, stews, etc., to which they impart a rich flavor, and are considered nutritious. Sow the seed thickly in rich ground about the middle of May, or when the ground has become warm, in drills 3 feet apart, 1 inch deep; thin to 10 inches apart in drills.

DWARF GREEN PROLIFIC OKRA, or GUMBO.—This vegetable is too little grown, as its pods impart a fine flavor and consistency to soups and stews, besides being very palatable when stewed and served as a dish of asparagus. The pods can be easily dried for winter. It is universally used through the South and is as easily raised as a weed in the North. So delicious is the flavor that when once used it will be grown every year in northern as in southern gardens. Packet, 5c.; ounce, 10c.; $\frac{1}{4}$ lb., 15c.; $\frac{1}{2}$ lb., 25c.; lb., 40c.

IMPROVED LONG GREEN.—A very desirable sort for market gardeners; of medium height; very productive, bears long pods, which remain tender a long time and are free from hard ridges. Packet, 5c.; ounce, 10c.; $\frac{1}{4}$ lb., 15c.; $\frac{1}{2}$ lb., 25c.; lb., 40c.

DWARF GREEN OKRA.

We pay postage or express charges on all seeds bought by the packet, ounce and quarter pound.

Watermelon

Four to five pounds to an acre. One ounce for thirty hills. Culture same as for Cantaloupes.

Tom Watson Watermelon

In the Tom Watson we have a decidedly good thing directly from the State of Georgia, the "Home of the Watermelon," where the Watermelon grows to a greater state of perfection probably than in almost any other part of the United States.

The Tom Watson is an extra long melon of attractive appearance, uniform in shape and quality; the luscious crimson flesh is "as sweet as honey," melting and of superb flavor. The average melon will weigh 35 to 40 pounds and measure 28 inches long and about 12 inches in diameter. Very prolific. Packets, 5 and 10c.; $\frac{1}{4}$ lb., 15c.; $\frac{1}{2}$ lb., 25c.; lb., 50c.

TRUMPH WATERMELON.—It is a cross between Duke Jones and Kolb's Gem. It has the handsome appearance and dark green color of the former and the shipping qualities of the Gem; medium season, very prolific, deliciously sweet and of enormous size. Packet, 5c.; ounce, 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

KLECKLEY'S SWEET WATERMELON.—The finest melon yet introduced for home growing and table use. Vines are strong, vigorous, and the fruits grow to large size, 18 to 20 inches long and 12 inches in diameter. Skin is a rich, dark green; flesh bright scarlet, ripening close to the rind, which is but half an inch thick, so that shipping it long distances is not practicable. Crisp, sugary, melting and entirely free from stringiness. Packet, 5c.; ounce, 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

BLUE GEM WATERMELON (Iceberg).—Grown very extensively in the South for Northern markets, and is today the favorite variety with the watermelon-growers of New Jersey, who supply the Philadelphia and New York markets; it keeps well and seldom cracks or splits in transit. Its flesh is a beautiful shade of dark red. Melons very uniform in size and shape. Packet, 5c.; ounce, 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

IMPROVED FLORIDA FAVORITE MELON.—Early fine quality; medium size; flesh deep red. Packet, 5 and 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

ICE CREAM, WHITE SEED.—Very early; red flesh. Packets 5 and 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

ICING, LIGHT.—Round; pink flesh of fine quality. Packets 5 and 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

JORDAN GRAY MONARCH.—Largest grown; crimson flesh; late. Packets, 5 and 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

Blue Gem Watermelon

DUKE JONES.—Large, handsome, dark green, red flesh, fine quality. Packets, 5 and 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

CUBAN QUEEN.—Solid and heavy, finest quality. Packets, 5 and 10c.; $\frac{1}{4}$ lb., 15c.; lb., 35c.

KOLB GEM.—Large; good shipper; bright red flesh; intermediate. Packets, 5 and 10c.; $\frac{1}{4}$ lb., 15c.; lb., 35c.

RATTLESNAKE, SOUTHERN.—Oblong, dark and striped; bright red flesh; late. Packets, 5 and 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

SWEETHEART.—Very large; bright skin; fine quality. Packets, 5 and 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

Onion Seed

One ounce will sow 100 feet of drill. 6 lbs. to acre.

CULTURE. For sets sow the seed as early as possible in the spring, very thickly in drills. As soon as the tops die off in summer, remove them to a dry, airy place, and early in the following spring replant by placing the sets in shallow drills, 12 inches apart, and about 4 inches apart in the drills. The onions obtained by that process are of a large size early in the season. They may also be grown to full size during the first season by sowing thinly in drills 1 foot apart, and about one-fourth inch deep, in March or early in April, in strong land, well manured, and thinning them out 3 to 4 inches apart in drills. They delight in a strong, rich, deep, loamy soil, and succeed well if grown successive years on the same ground. By sowing onion seed in frames in February or March, and transplanting in April, onions of immense size can be obtained. For this purpose Prize Taker succeeds best.

WHITE PORTUGAL ONION.—Fine color; mild flavor; pure white. Fine for onion sets and pickles, will grow to large size if sown thinly and kept worked. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

White Portugal Onion Seed

Onion Seed—Continued

WHITE SILVER SKIN ONION.—This famous onion retains its great popularity. Its delicate and mild flavor, its shapely form and size, and its pure white color make it a most desirable variety for the table, for the market and for shipping. Onion sets are extensively grown from this sort, and from these sets full size onions are grown as early as June and July. The onion sets and large onions are used for pickling purposes because of their clean, white, silver color. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

AUSTRALIAN BROWN.—This onion has claimed a place in America within recent years, and seems abundantly able to maintain it. It is of medium size and of good quality, very early, rather fattened in shape, brown in color, and wonderfully hard and solid. It begins to form a bulb at an early period of its growth, when only a few inches high, and quickly reaches maturity. Its leading and most valuable feature, aside from its appearance and quality, is its long-keeping quality. It will literally keep for a year or more. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

MAMMOTH PRIZE-TAKER ONION. This onion is sown at first stands in the fall and is the largest and handsomest onion in cultivation, and can be grown full size from seed. It keeps well, has white flesh and mild, delicate flavor. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

LARGE RED WESTERSFIELD. Is a beautiful globe-shaped and rich, purplish-rose color, making it extremely desirable. It always commands a good price in the market. It is a good keeper and of excellent quality. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

SOUTHPORT WHITE GLOBE. Of all our American varieties of market onions, this generally commands the highest price. Of true globe form, the onions are two to two and a half inches in diameters, with a thin delicate skin of purest paper whiteness. The flesh is crisp, fine grained, snowy white in color and very mild flavor. The bulbs should be stored in a cool dark loft or shed as soon as they are ripe enough to harvest. Packet, 10c.; ounce, 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

DANVERS FINE YELLOW. It is the same shape as the Westersfield color, brownish-yellow; bulbs quite round and of good size. This is the variety grown for sets, thousands of bushels of which are annually shipped from this market to different parts of the United States. They are more hardy than the whites, and keep better through the winter. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 35c.; lb., 90c.

SOUTHPORT YELLOW GLOBE (Eastern grown seed). Some gardeners claim the eastern-grown seed produces a more solid onion than the western-grown. By mail, postpaid, ounce, 15c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.35.

ONION SETS

Yellow Danvers and White Silver Skin at Lowest Market Prices.

For years we have made Onion Sets one of our specialties, and this season our stock is larger and finer than ever. We are prepared to offer Onion Sets in any quantity, from one bushel to a carload. We invite you to call and inspect our sets. We will be pleased to quote prices and mail samples to any who cannot call. Prices on application.

Used for garnishing and seasoning soup, etc.

Parsley

Six lbs. to the acre.
One ounce will sow 100 feet of drill.

CULTURE. Succeeds best in a mellow, rich soil. Sow thickly in April in rows 1 foot apart and one-half inch deep; thin out the plants to stand 6 inches apart in the rows. The seed is slow of germination, taking from three to four weeks to make its appearance, and often failing to come up in dry weather. To assist its coming up quicker, soak the seed a few hours in warm water or sprout in damp earth, and sow when it swells or bursts. For winter use protect in a frame or light cellar.

MARKET GARDENER'S BEST TRIPLE-CURLED PARSLEY.—The best points yet obtained in parsley have certainly been reached in this sort. The plant is of a very robust and free growth, and is greatly improved by severe cutting. The leaves are very large and beautifully curled, and of a very dark green. It will stand the heat, drought and cold better and will yield double that of any other sort. The whole appearance of the plant is very handsome, and it certainly is the parsley for either the market or family garden. Packets, 5 and 10c.; $\frac{1}{4}$ lb., 20c.; $\frac{1}{2}$ lb., 35c.; lb., 65c.

EMERALD OR DWARF EXTRA CURLED PARSLEY.—Leaves tender, beautifully curled; handsome, bright green color; very pretty; makes long stems nice for tying. Packets, 5 and 10c.; $\frac{1}{4}$ lb., 20c.; $\frac{1}{2}$ lb., 35c.; lb., 65c.

NEW GREEN MOUNTAIN PARSLEY.—Deep velvet green color, very hardy, very curled and productive. Growing with long stems, making it the best for market and home use. Packet, 5c.; ounce, 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

PARSLEY.

Full Crop Peas

combined with its earliness and uniformity of ripening, make it one of the best extra early peas for truckers and market gardeners. Packet, 10c.; pint, 15c.; quart, 25c.; gallon, 75c.; peck, \$1.40; bushel, \$5.50.

BOLGIANO'S EXTRA EARLY TRIUMPH PEAS.—The earliest of all; uniform and productive. The success of our Extra Early Triumph Peas has been surprising. It has distanced every other early pea. Large truckers have found it to be the best variety. Pint, 15c.; quart, 25c.; gallon, 75c.; peck, \$1.40; bushel, \$5.00.

AMERICAN WONDER.—This variety stands unrivaled in point of productiveness, flavor and quality, and is, without exception, the earliest wrinkled pea in cultivation. It is of dwarf and robust habit, growing from 10 to 15 inches high, and produces a profusion of good-sized and well-filled pods of finest flavor. Requires liberal fertilizing. Packet, 10c.; pint, 15c.; quart, 25c.; gallon, 85c.; peck, \$1.60; bushel, \$6.00.

PREMIUM GEM.—This variety is nearly as early as the American Wonder, and the vine is decidedly larger, growing from 12 to 16 inches, and bearing an immense crop of pods, which are larger and invariably filled with peas of best quality. Packet, 10c.; pint, 15c.; quart, 25c.; gallon, 85c.; peck, \$1.60; bushel, \$6.00.

EXTRA EARLY LIGHTNING PEAS.—We guarantee this pea if planted at same time to be at least one week earlier than any pea under cultivation. Pods good size, and fine flavor, and very productive. Pint, 15c.; quart, 25c.; peck, \$1.75; bushel, \$7.00.

TELEPHONE.—A wrinkled variety of very robust habit and a great bearer. A single vine produces from eight to ten unusually long, well-filled pods of largest size, containing ten to eleven peas. It is very productive, of fine flavor and an excellent table variety; height, about four feet. Packet, 10c.; pint, 20c.; quart, 30c.; gallon, 90c.; peck, \$1.60; bushel, \$6.00.

Peas

One quart will plant 100 feet of drill.

One and one-half bushels to an acre.

Prices of all kinds of Peas in quantity subject to advance without notice. Add 15c. per quart extra if to be sent by mail.

CULTURE. Peas mature earliest in a light, rich soil. For general crop use a rich, deep loam, or inclining to clay is best. When grown in garden, sow in double rows 6 to 8 inches apart; the rows 2 to 4 feet apart and tall ones requiring brush. Commence sowing the extra early varieties as early as the ground can be worked in February or March; continue for a succession every two weeks until June, then discontinue until the middle of August, when a good crop may be secured by sowing the extra early and early sorts for fall use. They should be kept clean and earthed up twice during the growth. The wrinkled varieties are not as hardy as the small round sort, and if planted early should have a dry soil, or they are liable to rot in the ground; they are, however, the sweetest and best flavored varieties. The dwarf varieties are best suited for small gardens.

EXTREMELY EARLY LONG-PODDED ALASKA PEAS.—An entirely new, vigorous, handsome, long-podded, delicious flavored Alaska Pea. Bound to become extremely popular, for it has all the good qualities of our Famous Extra Early Alaska Pea, and in addition it has a well-filled pod almost twice as long, which will fill the basket in one-half the time, and while it is not a distinctly sugar pea, yet it has a much sweeter flavor than the Alaska. It is an abundant yielder. Packet, 10c.; pint, 15c.; quart, 25c.; 4 quarts, 85c.; peck, \$1.75; bushel, \$6.50.

WONDERFUL EXTRA EARLY PEAS.—This pea has proven itself to be a decided acquisition to the list of peas. It is as early as the Alaska; bears long, well-filled pods. While not a wrinkled pea, it takes somewhat of the character of them. It can be planted as early as the Alaska—vines grow stiff and upright. Packet, 10c.; pint, 15c.; quart, 25c.; peck, \$1.50; bushel, \$6.00.

EXTRA EARLY GRADUS PEAS.—The very best extra early wrinkled pea ever introduced. It produces pods equal in size to the well-known Telephone. Quality and productiveness equal to that well-known variety. The vines are of vigorous, robust growth, about 2½ feet high, thick stems and luxuriant foliage; it bears large, handsome pods, with immense luscious peas, remaining sweet and tender for a long time after they are fit to pick. Packet, 10c.; pint, 20c.; quart, 30c.; gallon, 90c.; peck, \$1.75; bushel, \$6.50.

EXTRA EARLY ALASKA.—The earliest of all smooth green peas, having the best color when shelled and the best quality when cooked. The dark green color of the pods make it extremely desirable, as it can be carried long distances without losing color, which quality, com-

Peas—Continued

FULL CROP PEAS.—Long, curved, deep green pods of large size, and borne in great abundance. One of the best very late peas. See full description in novelties.

IMPROVED STRATEGEM.—The pods are of immense size and uniformly filled with very large, dark green peas of the finest quality. All the good qualities of the old Strategem are highly developed, and it is superior to the stock now generally sold as Strategem. Vine medium height, but very stocky, with very broad, light green leaves and bearing an abundance of large, handsome pods. Packet, 10c.; pint, 15c.; quart, 25c.; 1 peck, \$1.50; bushel, \$6.00.

	Feet High.	Per Pt.	Per Qt.	Per Gal.	Per Pk.	Per Bu.
AMEER PEAS. —Exceptionally fine podded Extra Early prolific.	2½	\$0.15	\$0.25	\$0.90	\$1.75	\$6.50
THOMAS LAXTON, EXTRA EARLY. —The pods are large and contain 7 to 8 large size wrinkled peas of finest flavor	3	.20	.30	1.00	1.75	6.50
CATER'S DAISY. —Very large pods and Peas	1½	.20	.30	1.00	1.75	6.50
RURAL NEW YORKER. —First-class strain of Extra Early Peas	2½	.15	.25	.75	1.50	5.50
PEDIGREE EXTRA EARLY. —Fine selection of First and Best	2½	.15	.25	.80	1.60	6.00
FIRST AND BEST. —Fine strain of Extra Early	2½	.15	.25	.75	1.50	5.50
EARLY MORNING STAR. —Very early; fine crop	2½	.15	.25	.75	1.50	5.50
NOTTS EXCELSIOR. —Splendid Extra Early Wrinkled Pea; very productive	1	.15	.25	.85	1.60	6.50
HORSFORD'S MARKET-GARDEN. —On the style of Advancer; very prolific	2½	.15	.25	.85	1.75	6.50
SHROPSHIRE HERO. —Very productive; long, handsome pods; fine flavor	2½	.15	.25	.85	1.75	6.50
PRIDE OF THE MARKET. —Very large pods, green pea; sow thinly	2	.15	.25	.90	1.75	6.50
CHAMPION OF ENGLAND. —A well-known standard sort, sow thickly	5	.15	.25	.80	1.50	5.90
HEROINE. —Large, full pods; enormously productive	2½	.15	.25	.90	1.75	6.50
JUNO DWARF. —Main Crop Peas, extra large pods, containing 6 to 8 large peas of best quality	2	.15	.25	.80	1.50	5.50
DIKE OF ALBANY. —Main crop. One of the largest podded peas, very productive	4	.15	.25	.80	1.50	5.50
AMERICAN CHAMPION. —Main Crop. Enormously productive, large pods, 8 to 10 peas contained in pods frequently	4	.15	.25	.80	1.50	5.50

Peas, Edible—Podded or Sugar

MELTING SUGAR.—Grows to the height of 5 feet; bears a profusion of large, broad pods, which are so brittle that they snap without any string. It should be used in much the same way as a wax bean. The pods when cooked are very sweet and tender. Pint, 25c.; quart, 40c.; ½ peck, \$1.50; peck, \$3.00.

One ounce will sow 200 feet of drill **Parsnip** Five to six pounds for an acre

CULTURE. Sow as early in the spring as the weather will permit in drills 15 inches apart and one-half inch deep, in a rich, deep soil; thin out to 6 inches apart in rows. The quality of the roots is improved by leaving them in the ground over winter for spring use. Secure enough in pits or cellars for immediate needs. Valuable for feeding stock as well as for table use.

HOLLOW CROWN SUGAR PARSNIP.—Is the best and handsomest parsnip. It is half long, wedge-shaped, hollow-crowned, and very broad at the shoulders, easily taken out of the ground, and producing more tons to the acre than the longer and thin varieties. Packets, 5 and 10c.; ¼ lb., 15c.; ½ lb., 25c.; lb., 45c.

Two Pounds to the Acre. **Pumpkin** (KURBIS) Hills 8 Feet Apart.

CULTURE. May be planted middle of spring, among the Indian corn or in the field or garden, in hills 8 or 10 feet apart each way, four seeds in a hill. In other respects are cultivated in same manner as melons and cucumbers. Avoid planting them near other vines.

SWEET POTATO.—The finest variety for table use. Packets, 5 and 10c.; ¼ lb., 15c.; ½ lb., 25c.; lb., 50c.

CONNECTICUT FIELD, or LARGE YELLOW.—The common field variety. Excellent for stock feeding. Ounce, 5c.; ¼ lb., 10c.; ½ lb., 15c.; lb., 25c.

SMALL SUGAR.—A very handsome, little pumpkin with deep orange-colored skin and flesh of unusually fine, surgery flavor; fine-grained, very productive, and keeps well. Packet, 5c.; ounce, 10c.; ¼ lb., 15c.; lb., 50c.

LARGE SWEET CHEESE.—A most popular variety; fruit-flattened; skin-mottled light green and yellow, changing to rich cream color as it matures. Flesh yellow, thick, tender. Packet, 5c.; ounce, 10c.; ½ lb., 25c.; lb., 46c.

YELLOW WINTER CROOKNECK.—Fruit about 2 feet long, with solid, meaty, curved neck. Seed located in bulb-like end; color solid yellow. Packets, 5 and 10c.; ¼ lb., 20c.; lb., 60c.

Large Cheese

Ounce to 1,000 plants.

Peppers PFEFFERS

Chinese Giant Pepper

CULTURE. Peppers are indispensable as a seasoning for soups and meats. The large varieties are mainly used for this purpose and pickling. The mild sweet varieties, like Sweet Mountain, Bull Nose and Ruby King, are used for Mangoes, while the small fruited sorts are best for sauces. Sow in hotbeds in March or April or sheltered border in May; when the season is favorable, transplant in rows 2 feet apart and 18 inches in the row. In good, rich, mellow ground.

RUBY KING.—An improved American variety, reaching the largest size, often 4 to 6 inches in length and $3\frac{1}{2}$ to 4 inches thick, yet retaining the symmetrical shape of the smaller sorts. It is very bright colored and the flesh is beautiful, sweet and mild-flavored. Packet, 5c.; ounce, 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

SWEET MOUNTAIN.—Fruit very large, often 6 inches or more in length by 2 inches in diameter; very smooth. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

BELL, OR BULL NOSE.—Produces a very large-sized pepper, which is highly esteemed for pickling. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

RED CHILL.—They are pointed like the Cayenne, but not so long nor so thick, and are exceedingly pungent when ripe. Requires a long, warm season. The plants should be started quite early in a hot bed. Packets, 5 and 10c.; ounce, 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

LONG RED CAYENNE.—A long red variety, very hot, and is generally used for seasoning soups. Packets, 5 and 10c.; ounce, 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

CHINESE GIANT PEPPER.—This monstrous fruiting variety averages 12 to 15 inches in circumference and, notwithstanding its immense size, it is very early and prolific. The stocky, well-branched plants, about 2 feet high, carry so many peppers that in places they seem bunched together. The flesh is thick, tender, mild, sweet, and unexcelled when sliced or for stuffing for "mangoes." When ripe the surface is of a brilliant, varnished scarlet. Packets, 5 and 10c.; ounce, 25c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

Maine Seed Potatoes

21,000 Bushels

35 Cars Seed Potatoes

Norcross Potato

One year's sales of Maine Seed Potatoes. Why do we sell such quantities? Because we handle the best stock; our trade have learned that Bolgiano & Co. has the best. They stand back of their Potatoes. If a farmer gets any from us that don't satisfy him, return them; we pay freight both ways. Sometimes a bag or barrel may be touched with frost, it will show up at once; return them to us and we will refund the money or give others in their place. Fair play is our business motto.

NORCROSS. Pure White.—Originated in 1895. Seed boll grown on the old Early Rose pollenized with Beauty of Hebron. Singular as it may seem, this potato is one of the late maturing varieties, somewhat blocky in shape, smooth surface, very excellent table quality, cooking dry and mealy. Grows a thrifty, upright top, with large leaves, and is above the average of the white kinds to withstand blight. Ask for special prices.

EARLY WHITE ALBINO.—This wonderful new early potato is a good cropper. The skin and flesh are extremely white, of exceptionally good cooking quality and very prolific; full as early as the old Early Rose in maturing and particularly valuable for the early market by reason of its fine shape and early maturity. The vines grow erect and it is one of the best early varieties to withstand blight and disease. Plant this potato early in good soil and give it good cultivation, and pleasing results are sure at harvest time. One grand thing in favor of this early potato is its good keeping qualities. Prices quoted on application.

IRISH COBLER POTATO.—It is one of the most reliable and is most popular of the early varieties. It is a vigorous grower, ripens uniformly, and is a good keeper.

HOULTON EARLY ROSE.—This is our most popular potato; very early; fine quality, and very productive.

XX EARLY.—This is a potato that comes to us very highly recommended—one of the finest; rose color.

GREEN MOUNTAIN.—Oval shape, white skin and flesh; excellent; heavy yielder. The most popular late potato.

Sweet Potato Roots

We handle these only on orders, and an order must be placed at least four days before the seed are wanted.

CULTURE. Don't wait for a rain or a "season" to set out sweet potato plants. Harrow your ground well before laying off, then throw on the ridges higher than you want them, and if the soil is very dry allow two or three days for the moisture to rise; then knock off the top of the ridge just ahead of planting; make a mud batter with water and clay loam, or, better, with the addition of fresh cow dung, about as thick as cream; dip the plants, in bunches of about twenty, into this, so that a large quantity of the mud clings to them.

BIG STEM SWEET POTATOES.—They are fine size, and the yield has astonished our most critical trade. They make only a very few, and in some cases no small roots. The quality is first-class.

JERSEY SWEET POTATOES.—Are too well known to require any description. We get these from reliable growers in New Jersey and our trade has grown very large on them.

Six ounces of seed will plant 100-yard row;
8 to 12 pounds to the acre.

Radish Rettich

CULTURE OF RADISH. Radishes thrive best in a light, rich, mellow soil, and to bring out their mild qualities they must make quick and tender growth. Sow for very early use in hotbeds during the winter and early spring, or later on, in sheltered borders, in well-manured, deeply-dug and finely-raked soil. If not well stimulated into a rapid growth, they become fibrous and tough. Sow in drills 1½ inches apart and thin to 2 inches in the rows. Sow at intervals of two or three weeks until September for a succession. Sow winter varieties in July and August. Like the turnip, they make the best growth in autumn, and must be taken out before severe frost and stored away in a cool cellar in sand or in a pit where they will keep tender and crisp all winter. Before using, put in cold water, which adds to their freshness.

No. 2 Scarlet Globe

BOLGIANO'S NO. 2 SCARLET GLOBE RADISH.—Is the very best in every way. It is handsome in form and color, beautiful oval and rich scarlet. The amount of its foliage is small, compared with other varieties, and small for the size of the radish. The peculiar merit of this variety as a forcing radish is that it will bear the heat requisite for forcing without becoming pithy or spongy. The flesh is tender, juicy and mild. It is equally as good for open garden as for forcing, and therefore it commends itself equally to the amateur and market gardener. Packet, 5c.; ounce, 10c.; ¼ lb., 15c.; lb., 50c.

NEW WHITE STRASBURG RADISH.—This variety is now the most popular summer radish grown. Of handsome, oblong shape, tapering beautifully to a point. Both skin and flesh are pure white, almost transparent, very tender and of a delightful, pungent taste. It can be pulled five weeks from time of sowing the seed, yet it will continue to grow without losing its fine quality and remains in a tender condition longer than any other summer sort. Packet, 5c.; ounce, 10c.; ¼ lb., 15c.; ½ lb., 20c.; lb., 40c.

WHITE CHINESE OR CALIFORNIA MAMMOTH RADISH. Is as solid and juicy as an apple, pure white flesh and delicious flavor—a very choice variety. Should be sown in June and July, and is ready for use when three inches long, and continues to grow until it is six inches long. A first-class winter radish and always attracts favorable appreciation at the table or on the market stall. Packet, 5c.; ounce, 10c.; ¼ lb., 20c.; ½ lb., 25c.; lb., 50c.

BOLGIANO'S NEW SNOW-WHITE TURNIP RADISH. Short tops, rapid growth, turnip shape. Will succeed either under glass or in open ground. Packet, 5c.; ounce, 10c.; ¼ lb., 15c.; ½ lb., 20c.; lb., 35c.

SCARLET OLIVE-SHAPED RADISH. This Radish, olive-shaped, has a distinct bright scarlet color. Packets, 5 and 10c.; ¼ lb., 15c.; ½ lb., 25c.; lb., 40c.

	Packets.	¼ Lb.	Lb.
RADISH, EARLY SCARLET WHITE-TIPPED. Very early; for frames or outdoors.....	\$0.05 & .10	\$0.20	\$0.60
RADISH, VICKS FORCING. —Very early frames.....	.05 & .10	.15	.50
RADISH, SCARLET GLOBE-SHAPED. —Fine for forcing or open ground.....	.05 & .10	.15	.50
RADISH, CRIMSON GIANT. —Double the size of the above, yet never pithy. For forcing or outdoors; tender and crisp.....	.05 & .10	.15	.50
RADISH, WHITE, or BOX. —For forcing; flesh pure white and sweet.....	.05 & .10	.15	.50
RADISH, LARGE WHITE SUMMER. —Of large size; roundish.....	.05 & .10	.15	.50
RADISH, GOLDEN SUMMER. —Smooth and bright skin.....	.05 & .10	.15	.50
LONG SCARLET SHORT TOP. —Very long, crisp, for frames or outdoors.....	\$0.05 & .10	\$0.15	\$0.30
LONG BRIGHTEST SCARLET WHITE-TIPPED.	.05 & .10	.15	.40
LONG SCARLET CHARTIER, WHITE TIPPED.	.05 & .10	.15	.50
LONG NEW GLASS. —Quick growth; brilliant red.....	.05 & .10	.15	.40
LONG ICICLE. —Pure white; finest flavor; rapid grower.....	.05 & .10	.15	.40
LONG BLACK SPANISH. —Papers, 5c.; ounce, 10c.; ¼ lb., 15c.; lb., 40c.			
LONG WHITE SPANISH. —Papers, 5c.; ounce, 10c.; ¼ lb., 15c.; lb., 40c.			
ROUND WHITE SPANISH. —Papers, 5c.; ounce, 10c.; ¼ lb., 15c.; lb., 40c.			
FRENCH BREAKFAST. —Pink and white; early,.....	Packets, 5 and 10c.; ¼ lb., 15c.; lb., 40c.		

We pay postage or express charges on all seeds bought by the packet, ounce and quarter pound.

Rhubarb

Very familiarly known as the Pie Plant. The foot stalk is the portion that is used and is the first vegetable of the season from the garden; cultivated to a great extent and is indispensable wherever it is known. Sow the seed early in the spring in rows 1 foot apart on rich ground; the second year after planting they can be removed in autumn to the permanent spot allotted to them; plant the roots 2 feet apart each way in ground that is well enriched, at least 2 feet deep. Packet, 10c.; ounce, 20c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50. Roots, 75c. per dozen; \$4.00 per 100.

Salsify or Oyster Plant

CULTURE. A fine vegetable, used the same as carrots or, having been boiled, made into cakes and fried like oysters, which they resemble in flavor. Cultivate the same as carrots and parsnips. It is hardy, can remain in the ground all winter for early spring use, but should be taken up before it starts growing; take up a supply for use during the winter. Succeeds best in a light, well-enriched, mellow soil. Sow early in the spring in drills 15 inches apart, 1 inch deep; thin to 6 inches in the rows.

SANDWICH ISLAND MAMMOTH WHITE SALSIFY.—One of the most delicious of winter vegetables, and also one of the most nutritious; the flavor is sweet and highly esteemed. This variety, where known, is entirely superseding the old type, as it produces roots nearly double the size and weight, and of equally good quality. Packets, 5 and 10c.; $\frac{1}{4}$ lb., 25c.; $\frac{1}{2}$ lb., 45c.; lb., 90c.

Pkts., Ozs., and $\frac{1}{4}$ Lbs. delivered free; lb. packages by mail, add 8c.

Squash

1 oz. Bush Variety for 40 hills. Large Seeded Variety, 15 hills; 2 to 3 lbs.

Bush, 3 to 4 lbs. Large Seeded per Acre.

CULTURE. Sow in hills in the same manner and at the same time as Cucumbers and Melons, the bush varieties 3 to 4 feet apart, and the running kinds from 6 to 9 feet apart.

BOLGIANO'S EXTRA EARLY DAWN SQUASH.—1. Ten days to two weeks earlier than other stock of White Bush Squash. 2. Brings the first Fancy Prices of the earliest market. 3. Enormously productive. 4. Beautiful white color, entirely free from any green cast. 5. Solid and heavy, with small seed cavity, making excellent shipper. 6. Delicious flavor and excellent cooker. 7. Growth is bushy. Packets, 5 and 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

EARLY WHITE BUSH SCALLOPED OR PATTY PAN.—Early White Bush Scalloped or Patty Pan Squash is the earliest and grown almost exclusively for the first crop. The rind is hard texture, which makes it suitable for shipping, and it is exclusively grown at the South for that purpose. Packets, 5 and 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

EARLY YELLOW SUMMER CROOKNECK.—A desirable table sort, very early and productive, fruits when matured, small, yellow crooknecked, and covered with warty excrescences. Packets, 5 and 10c.; $\frac{1}{4}$ lb., 15c.; $\frac{1}{2}$ lb., 25c.; lb., 40c.

HUBBARD SQUASH.—A superior variety and one of the best winter keepers, flesh bright orange-yellow, fine grained, very dry, sweet and rich flavored. Bakes very dry, equally as dry as the Sweet Potato. Our stock is the very best and we don't hesitate to recommend it to the most critical planter. Packets, 5 and 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

BOSTON MARROW.—A splendid winter squash of good keeping qualities. Flesh bright orange, fine grain, and unsurpassed. It is oval-shaped and thin skin of bright orange color. For pies it is equal to the best pumpkins. Packet, 5c.; ounce, 10c.; $\frac{1}{4}$ lb., 15c.; $\frac{1}{2}$ lb., 25c.; lb., 40c.

WINTER CROOKNECK.—Flesh red, fine flavor, largely grown for winter use. Packets, 5 and 10c.; $\frac{1}{4}$ lb., 15c.; $\frac{1}{2}$ lb., 25c.; lb., 40c.

EARLY PROLIFIC ORANGE MARROW.—A comparatively new fall or winter variety. It is shaped somewhat like the Boston Marrow, but it is a decided improvement on it, being much earlier and more productive. These characteristics will commend this variety to market gardeners, while its brilliant orange-red color and fine keeping and cooking qualities make it popular with the customer. The rind is very hard, but thin, and the flesh deep, fine grained, and of delicate quality. Packet, 5c.; ounce, 10c.; $\frac{1}{4}$ lb., 25c.; $\frac{1}{2}$ lb., 30c.; lb., 50c.

Farr's White Bush Squash

This type of White Bush Squash has long been recognized as the earliest squash on the market. Mr. Charles N. Farr and his family have been perfecting this squash for years. We cannot recommend it too highly. We feel that if you want earliness and beauty you cannot go astray in buying this stock. The earliest squash that has come to this market from local gardeners for the past fifteen years has been from this stock. Fine in appearance, of light green color. Packet, 10c., $\frac{1}{4}$ lb., 30c.; 1 lb., \$1.00.

Boston Marrow Squash

Early Dawn Squash

We Prepay Postage on all Tomato Seed

Tomato

Six to eight ounces to an acre.
One ounce to 1,500 plants.

All our Tomato seeds are grown expressly for seed and are the best the world produces.

Boligiano's Grand Tomato

BOLIGIANO'S GRAND TOMATO.—After years of careful selection and plant breeding we have been able to secure a tomato which is in every way better than either the Beauty or Prize-Taker Tomato. Packets, 5 and 10c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

JUNE PINK TOMATO.—The pleasing color, with its splendid large size and firmness, is all that can be expected. We get our seed each season from the originator, knowing as we do that he who introduced it will take best care to see that his seed is as nearly perfect as possible. Packets, 5 and 10c.; 1 ounce, 20c.; $\frac{1}{4}$ lb., 65c.; 1 lb., \$2.50.

NEW SPLENDID TOMATO.—A good second early Tomato. While not quite as early as the June Pink, yet it has good character and is productive. The fruit is large and continues to bear well for a long time. Packets, 5 and 10c.; 1 ounce, 20c.; $\frac{1}{4}$ lb., 60c.; 1 lb., \$2.00.

LIVINGSTON'S GLOBE TOMATO.—We can hardly speak too well for this Tomato; introduced in Ohio some few years ago, it has gradually increased in demand until now it is one of the leaders. Large, purplish-pink, solid; comes immediately after the earliest sorts. Enormously productive and continues to bear large tomatoes the entire season. Packets, 5 and 10c.; 1 ounce, 20c.; $\frac{1}{4}$ lb., 50c.; 1 lb., \$2.00.

BOLIGIANO'S PRIZE-TAKER TOMATO.—After years of careful test this Tomato is recognized as being the most beautiful tomato produced. Its beautiful, glossy purplish-pink color, combined with its large size, smoothness, solidity, weight and productiveness, make it the most profitable tomato grown by the market gardener. It can be picked before it is ripe and will ripen finely, making it one of the best shippers. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.

NEW CENTURY TOMATO.—Few crops have shown the wonderful progressiveness of the age as Tomatoes. Forty years ago the Tomato was small and unshapely in appearance. Our endeavors have been crowned with success beyond our fondest dreams. The size, yield and productiveness of this Tomato is beyond question a mark that has few equals in Tomatoes. It will carry for two weeks without hurting its red beauty, or cracking. It maintains its wonderful size during the entire season. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

LIVINGSTON BEAUTY TOMATO.—Fine, large, solid, smooth, purplish pink. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

ACME TOMATO.—Very early; good size; crimson color; good bearer. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

GREATER BALTIMORE TOMATO.—Wonderful crop producer. Smooth, round, very heavy; ripens evenly and free from ridges and blight. Packets, 5 and 10c.; ounce, 25c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

TRUCKER'S FAVORITE TOMATO.—A very large, purple Tomato, free from crack or rot. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

CULTURE OF TOMATO. Seed may be started in hotbed in March, or sufficient plants for family use can be grown in pots or boxes indoors with very little trouble. Be particular to give plants the benefit of fresh air and sun whenever possible, for the purpose of hardening them, and cover with mats when necessary to prevent them from frosting. The two extremes of heat and cold are equally injurious. It is customary with the best gardeners to remove the plants from hotbeds to the cold frames, allowing a distance of several inches between the plants. In May select and prepare the soil, and set the plants 3 feet each way. Hoe and draw earth to the stems. When the plants crowd, the fruit will be small. Have the soil very rich. For general crop, sow from the middle of April to during May in the open air, selecting good soil in a location much exposed to the sun and sheltered by a hill or woods on the north.

"JOHN BAEK" TOMATO.—Earliest Tomato on earth. In introducing this tomato we believe we are offering to our trade, the best, the earliest, and finest tomato ever offered to the market

gardeners.—Fruit large, solid, weighing about 6 $\frac{1}{2}$ ounces; great cropper and ripens over the entire tomato evenly.—Bright red in color and shaped somewhat like the Globe Tomato and about its size. Packet, \$1.00; $\frac{1}{2}$ ounce, \$2.50; 1 ounce, \$4.00; $\frac{1}{4}$ lb., \$15.00; per lb., \$50.00.

"BONNY BEST" EARLY TOMATO.—For ten years it has been selected for earliness, solidity, smoothness and evenness of ripening up to stem. Fifteen days earlier than the Beauty Tomato, and as early as the Earliana. Vigorous grower; bright red color, enormously productive, with a vigorous growth of foliage, which protects the fruit from

being scalded by the direct sun. Packets, 5 and 10c.; 1 ounce, 25c.; $\frac{1}{4}$ lb., 80c.; 1 lb., \$3.00.

BOLIGIANO'S I. X. L.—Extremely Early Tomato. Large, handsome fruit. Bright red color. Finest quality and extremely early and solid. Packets, 5 and 10c.; $\frac{1}{4}$ lb., 85c.; 1 lb., \$3.00.

SPARK'S EARLIANA.—This is undoubtedly an early, large, smooth Tomato. Perfect as to shape, color and quality. It is beautiful red and ripens thoroughly, even to the stem end. Almost seedless and very solid. There is no Tomato brought out that is as prolific in yield; it bears its fruit in large clusters and continues to fruit until frost. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Tomato—Continued

New Stone Tomato

Pkgs. and $\frac{1}{4}$ lb.,
Free by mail.

CULTURE OF TURNIPS. They do best in highly enriched light sandy or gravelly soils. Commence sowing the earliest varieties in April in drills from 12 to 15 inches apart, and thin out early to 6 or 9 inches in rows. For a succession, sow at intervals of a fortnight until the last week in July, from which until the end of August sowing may be made for the fall and main crop. Turnips may be preserved until spring by cutting off the tops about one inch from the bulb, storing in the cellar or cold shed during the winter, covering the roots with dry sand. They should be harvested before the severe frost sets in, for, though comparatively hardy few will survive the winters of the Northern States in the open ground.

PURPLE TOP WHITE GLOBE TURNIP.—Our stock is the perfection of Turnips. It has small tops, but large, well formed, handsome roots. Packet, 5c.; $\frac{1}{4}$ lb., 10c.; lb., 30c.

YELLOW GLOBE.—Yellow Globe is a wonderful cropper, and keeps far into the following year. Packet, 5c.; $\frac{1}{4}$ lb., 10c.; lb., 30c.

GOLDEN BALL TURNIP, or ORANGE JELLY.—One of the sweetest flesh yellow Turnips yet introduced; not of large size, but firm, hard, and of excellent flavor; good keeper and superior table variety; of bright golden orange color. Packet, 5c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

NEW EXTRA EARLY MILAN PURPLE TOP TURNIP.—Tops are very small, strap-leaf, and grow erect. Roots are small and flat; skin purple to pure white below. Flesh clear white; it's a beauty. Packets, 5c.; ounce, 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

PURPLE TOP FLAT (strap leaf), well-known standard, popular, early sort. Ounce, 5c.; $\frac{1}{4}$ lb., 10c.; lb., 30c.

EARLY WHITE FLAT DUTCH.—Very popular for spring sowing; fine for market. Ounce, 5c.; $\frac{1}{4}$ lb., 10c.; lb., 30c.

EARLY WHITE EGG.—Very handsome; pure white; excellent for early or late. Ounce, 5c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

POMERANIAN LARGE WHITE GLOBE.—Useful for both table and stock; very large. Ounce, 5c.; $\frac{1}{4}$ lb., 10c.; lb., 30c.

LONG COW HORN, or WHITE FRENCH.—Very heavy cropper, best for stockmen. Ounce, 5c.; $\frac{1}{4}$ lb., 10c.; lb., 30c.

AMBER GLOBE.—Vigorous grower, fine keeper. Ounce, 5c.; $\frac{1}{4}$ lb., 10c.; lb., 30c.

YELLOW ABERDEEN GLOBE SHAPE.—Fine for table or cattle. Ounce, 5c.; $\frac{1}{4}$ lb., 10c.; lb., 30c.

IMPROVED PURPLE TOP YELLOW RUTA-BAGA.—Finely bred strain. Ounce, 5c.; $\frac{1}{4}$ lb., 10c.; lb., 30c.

SEVEN TOP.—Very hardy; grown for leaves, which are used for salads. Ounce, 5c.; $\frac{1}{4}$ lb., 10c.; lb., 30c.

BOLGIANO'S CELEBRATED B. B. TOMATO.—Few red Tomatoes ever introduced have given the general satisfaction that this one has. For market gardens, home and canners. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.

NEW QUEEN TOMATO.—Large, solid, bright red, favorite with canners. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

NEW STONE TOMATO.—Bright red, large size; perfectly smooth, finest quality. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.

MATCHLESS TOMATO.—Flesh very solid, deep red color; uniform size. Packets, 5 and 10c.; ounce, 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.

PONDEROSA TOMATO.—Largest Tomato that grows, a decided family favorite; less acid than others. Packets, 5 and 10c.; ounce, 25c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

DWARF CHAMPION TOMATO.—Dwarf habit, early, prolific, pink-purple color. Packets, 5 and 10c.; ounce, 25c.; $\frac{1}{4}$ lb., 65c.; lb., \$2.00.

PEAR-SHAPED YELLOW TOMATO.—Bright yellow color, very handsome. Packets, 5 and 10c.; ounce, 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

PLUM-SHAPED YELLOW TOMATO.—Bright yellow, used for preserves. Packets, 5 and 10c.; ounce, 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

$\frac{1}{2}$ lb., and 1 lb.,
5c per lb. extra.

Red or Purple Top
Globe Turnip

Write for Special Prices
in Quantities

Clover and Grass Seed

Extra Cleaned
High-Grade

MEDIUM CLOVER SEED.—One of the most valuable farm crops for pasture and hay, or for turning under. Any farm growing good crops of clover will not depreciate.

ALFALFA.—Much used in the West; can be cut three or four times in a season; very heavy cropper.

SAPLING, or MAMMOTH CLOVER.—Grows much larger and lasts longer than the common clover.

WHITE DUTCH CLOVER. The most valuable for lawns, as it forms a close herbage, and remains green throughout the season; it also affords excellent food for bees. We offer highest grades of seeds only.

Crimson Clover

CRIMSON CLOVER. An annual of very decided merits, producing a very early, abundant hay crop, and the roots have to a marked degree the property of absorbing nitrogen from the atmosphere, thereby improving the land.

CAÑON HAND BROADCAST SEEDER.

For sowing any grain or grass seed. Is the guaranteed standard seed sower of the world. It has positive accurate feed and saves money in time and seed.

PRICE, \$3.00.

Orchard-Grass

ORCHARD GRASS has never been appreciated in this locality. For pasture or hay it has no superior; comes early and can be cut twice during a season; withstands dry weather better than most any other sort of grass.

ALSIKE.—A tall-growing, white clover, specially recommended for dairy farms.

KENTUCKY BLUE GRASS SEED.—Suitable to most any sort of soil. A pasture once set in this grass will last a lifetime, and give abundance of rich, sweet food for stock.

RED TOP, or HERB GRASS SEED.—Hardy and much liked in damp, low lands, but will grow anywhere; fine for grazing.

TIMOTHY GRASS SEED.—This is the most valuable of all grasses for hay, especially in the North. Thrives best on moist, loamy soils, of medium tenacity. It should be cut just when the blossoms fall. Sow early in the spring or fall.

MILLETT, GERMAN, or GOLDEN.—An improved variety, medium early, growing three to five feet high. The heads, though numerous, are very large and compact. The seeds are contained in rough, bristly sheaths, and are round, golden yellow and beautiful in appearance.

EARLY AMBER SORGHUM.—Furnishes a large yield of most nutritious forage, which can be fed either green or cured, and will yield two or three cuttings a year, stooling thicker each time it is cut.

GEM BROADCAST SEED SOWER.

It will sow wheat, rye, oats, rice, flax, millet, turnip seed, clover seed, grass seed, including light grasses; in fact, all kinds of seed, broadcast. Also plaster, fertilizer, salt, ashes, etc.

PRICE, \$1.00.

Choice Flower Seeds

TESTED AND RELIABLE

3 cents a paper

Free by Mail

10 papers 25c

Asters

Sweet Alyssum

Salvia Scarlet Sage

After years of careful study and large experience, we are in a position to offer our trade Flower Seeds that have few equals and no superiors. Our selections have been made from the best American and European growers. The character and preparation of the soil is of vast importance with flower seeds, and provided there has been care taken in these respects we feel assured that our seed will give entire satisfaction. Much care must be used in sowing fine Flower Seed; so many times they are buried instead of planted. Most Flower Seeds do best if sown in boxes and transplanted. It is well to cover the soil with moss or new grass to keep the soil moist and in condition until the germination of the seed is assured, then remove the covering with care, and not during the sunny part of the day, but in the afternoon, so as not to sunburn the tender young growth.

AGERATUM MEXICANUM.—Fine mixed, used especially for borders; it is easily grown and is abundant in flowers. Packet, 3c.

ALYSSUM, SWEET SCENTED.—Of all small white flowers this one is one of the best and most useful. Florists would be at a loss to find anything to take its place, and a garden would miss it always. In bouquets it gives a finish that is to the bouquet what lace is to a dress. Packet, 3c.

AMORANTHUS, TRICOLOR, or JOSEPH'S COAT.—The foliage of this plant is brilliant and pleasing. Should be used in masses to get the effect of the contrasting colors. Packet, 3c.

ANTIRRHINUM (Snap Dragon).—Succeeds best in light, rich soil; used very largely in Europe and the famous gardens of England. Packet, 3c.

ASTERS.—Of all garden flowers from seed there is none that gives more satisfaction than the Aster. There is an early, medium and late sort now, of rare beauty, so that you can have flowers from June until frost. Mixed sorts. Packet, 3c.

BACHELOR'S BUTTON (Centaurea Cyanus).—These bright flowered plants of hardy nature and easy culture, yet esteemed by all, the most attractive and graceful of all old-fashioned flowers. Sometimes called Corn Flowers. Packet, 3c.

BALSAM, DOUBLE MIXED (Lady Slipper).—An old favorite; a mass of beautiful, brilliant double flowers of easy culture. Packet, 3c.

CALLIOPSIS, or COREOPSIS.—Finest mixed double and single. Fine, showy, easily grown, hardy annual, producing a profusion of blooms; excellent for cutting and massing in beds. Packet, 3c.

CLARKIA.—Among the prettiest native hardy annuals that come to us from beyond the Rocky Mountains. They bloom freely and have flowers of such variety of bright colors that a bed of them is a beautiful sight. Used in hanging baskets and vases, also for borders in beds. Sown in open garden in early spring in partial shade. Packet, 3c.

CONVOLULUS MINOR or DWARF MORNING GLORY.—This plant needs no further description than to say it is the dwarf variety of the well-known tall or running Morning Glory. Packet, 3c.

COSMOS.—Of all fall flowers there is none that has become so popular as Cosmos. Sow the seed in March, April and May, and will bloom in September. Does best in light, rich soil, in sunny places; grows about 7 feet high. Flowers are borne on long stems in clusters of pink, dark pink, and white colors. Fine for house and church decorations. Packet, 3c.

COXCOMB (Celosia).—For brilliant effect and rare beauty this plant deserves a place. Half hardy annual. Choice mixed; many beautiful colors. Packet, 3c.

CYCLAMEN.—Charming plants, with beautiful foliage and rich colored, fragrant flowers; a great favorite for winter and spring blooming. Seed should be sown in very early spring in boxes or in late fall for winter bloom. Packet, 3c.

CANNA.—For producing that tropical effect so beautiful in large lawns, a bed of Cannas in full bloom is not surpassed. Every garden should grow them. Packet, 3c.

CANDYTUFT (Iberis).—Few flowers have withstood the test of time as this old-time flower. Fine for borders and cutting. Blooms continually from July to September. Packet, 3c.

Pansies

Sweet William

Cosmos

Eschscholtzia

CANTERBURY BELLS (*Campanula*).—Well-known beautiful herbaceous perennial, bearing a great proportion of attractive Bell Flowers; thrive best in light, rich soil; some of the varieties flower the first season if planted early. Canterbury, Single Mixed, Fine Assortment, constant bloom. Packet, 3c.

COLUMBINE.—One of the best hardy perennials; for early summer bloom; curiously shaped flowers; extremely graceful. Packet, 3c.

CARNATION.—This flower is almost indispensable in the garden, house or green-house. The beautiful flowers with their clove pungent odor and long-keeping qualities for bouquets and cut flowers in popularity are only exceeded by the rose. Packet, 3c.

CHRYSANTHEMUM.—Splendid assortment of rich colors and varieties. The Chrysanthemum has become the favorite fall flower, and is used wherever flower gardens are. Packet, 3c.

CINERARIA.—Seed should be sown from May until September for succession of blooming plants. As a pot plant for winter blooming it has few equals; its large clustering head of gorgeous blooms make it attractive and beautiful. A few pots of this beautiful plant will add to the beauty and attractiveness of any home. Packet, 3c.

DAHLIA.—This is one of Grandma's flowers, only improved; a constant bloomer. Fine as a cut flower, and in such varieties that description fails to describe. Packet, 3c.

DIANTHUS, or PINKS.—When we look into a garden our first thoughts are the pinks. Beautiful, graceful and fragrant. No garden is complete without pinks. Hardy, blooms in great profusion in early summer. Choice mixed; best sorts. Packet, 3c.

DOUBLE DAISY (Bells).—A nearly hardy perennial plant in bloom from early spring until well on in the summer. Our seeds are the best select stock. Packet, 3c.

ESCHSCHOLTZIA (*California Poppy*).—Very attractive annual for beds, edging or masses, profuse flowers, fine cut feathery foliage, in bloom from June till frost; grows 12 inches. Packet, 3c.

FEVERFEW.—Double white flowers; June until October; 12 to 15 inches high. Packet, 3c.

FORGET-ME-NOT (*Myosotis*).—Neat and beautiful little plant with its star-like flowers, succeeding best in a shady, moist situation, half hardy perennial, bloom the first year from seed if sown early. Packet, 3c.

FOUR O'CLOCK (*Marvel of Peru*).—Handsome, free flowering garden favorite; does well everywhere; fine colors; 2 feet. Packet, 3c.

FOX GLOVE (*Digitalis*).—If the plants are not allowed to go to seed they are crowned for months with very long spikes of lovely pendants, thimble-shaped bells, of colors in variety. Hardy perennial of easy culture, living for years without care; 3 to 4 feet in growth. Packet, 3c.

GAILLARDIA (*Blanket Flowers*).—Splendid showy annual, remarkable for profusion and size, and excellent for beds, borders and cutting, continuing to bloom through the season. These flowers are brilliant and very effective. Packet, 3c.

GILLIA (*Mixed*).—A free blooming annual, fine for beds. Will bloom in any situation, looks well on lawns, in beds, are good for rookeries, and can be planted at any season. Packet, 3c.

GODETIA.—An attractive hardy annual deserving more extensive culture. The plants bloom profusely and bear showy flowers, rich and varied colors. Eighteen inches high. Packet, 3c.

GERANIUM.—A desirable plant, with pretty cut foliage and bright crimson flowers; blooms the entire season; 18 inches high. Packet, 3c.

HELICHRYSUM (*Straw Flower*).—One of the best "Everlasting Flowers." Exceedingly effective double-flower, making a fine display in beds or borders; they succeed in rich garden soil, hardy annuals, two feet. Packet, 3c.

HELIOTROPE.—This old standard is known and appreciated wherever flowers are known, and too much cannot be said in praise of it. The perfume of this flower is considered by many to be the finest perfume in existence. For bouquets it is invaluable. Packet, 3c.

HIBISCUS (*Marshmallow*).—Showy, ornamental perennial plant for mixed beds or shrubbery borders, having large size, beautiful colored flowers. Packet, 3c.

HOLLYHOCK.—The most majestic of hardy plants of the garden. When planted in rows in the garden or among shrubbery the effect is beautiful. Packet, 3c.

LARKSPUR (*Delphinium*).—An old fashioned, very choice, especially hardy annual which increases in beauty each year. Vast improvements have been made by careful selection and attentive culture in size and color of the blossoms. Packet, 3c.

LATANA.—One of the most desirable half-hardy perennial greenhouse or bedding plants, constantly in bloom; Verbena-like heads of Orange, White, Rose and other colors. Packet, 3c.

LOBELIA.—The dwarf and training varieties are fine for bedding, borders or hanging baskets. Blooms profusely from June until November. Packet, 3c.

LUPINS.—Mixed annual, easily grown, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for mixed flowers and beds. Twenty-four inches high. Packet, 3c.

MARIGOLD.—One more of the old-time favorites, an annual of easy culture, extremely effective, suited well for bedding in masses. Packet, 3c.

Gladiolus

Mignonette

China Pink

MIGNONETTE.—Few ladies would think that a garden was complete without Mignonette. For fragrance and beauty there are few flowers that are as universally admired. Packet, 3c.

NASTURTIUM.—For easy culture and general satisfaction there is nothing that excels the Nasturtium. Brilliant in color and of great variety. A bed of these fine bloomers adds tone and elegance to any flower garden. Good for cutting, bouquets and vase. The foliage is also very beautiful.

NASTURTIUM (Tall Sorts).—Mixed. Packet, 3c.

NASTURTIUM (Dwarf Sorts).—Mixed. Packet, 3c.

OXALIS.—Beautiful small plant, suitable for greenhouse, rock-work or out-of-door culture, flowering the first year; half-hardy perennial; nine inches. Packet, 2c.

PANSIES.—Our selection of this well-known flower is, we believe, the best that is offered anywhere for size, variety and beauty, and have no equal. To grow pansies and secure the largest and best flowers, the seed should be sown in January and February in the greenhouse or in boxes in the house. Care should be taken to spray the young plants daily to keep off vermin. Plant out as soon as favorable to the open; grow in deep, rich soil. Remember, for pansies the soil cannot be too rich, and your trouble is amply repaid by the beauty of the flowers. Pansies will stand winter as far north as New York City; to secure good plants for winter, seed in July and plant in beds in September and October. Packet, 3c.

PETUNIA.—Annuals of great merit. A bed well placed with this plant will more than repay for the little care necessary. They commence flowering early and continue until frost. Good soil and a sunny location is all that is necessary. All the colors of the rainbow are to be found in our mixture. Packet, 3c.

PHLOX DRUMMONDII.—Of brilliant summer-flowering annuals the Phlox Drummondii is unquestionably one of the most popular and satisfactory. Seed sown in the open ground after danger of frost is past will in a few weeks produce a beautiful effect and continue to bloom the entire season. As a cut flower for house or church decoration it is one of the best. Packet, 3c.

PINK (Chinese).—Our mixture contains the most popular varieties, producing an abundance of choice flowers of greatest possible variety. Packet, 3c.

POPPIES.—Few flowers have shown the benefit of intelligent culture as this plant. The great improvement made in recent years has brought this flower to be placed as one of the most important in culture. Brilliant and beautiful is our mixture. Packet, 3c.

PORTULACA.—A popular hardy annual creeper that delights in warm sun and sandy soil. Sow early and it will bloom from June to frost, literally covering the ground with blooms of gayest colors. Packet, 3c.

PRIMULA or PRIMROSE.—They are among the most important winter-blooming pot plants. Charming and beautiful, producing a magnificently beautiful large head of flowers of different shades. The heads are sometimes as much as 10 inches in diameter. Packet, 3c.

PYRETHRUM or GOLDEN FEATHER.—Is fine for edging and makes a moss-like tuft. Packet, 3c.

RICINUS (Castor Oil Beans).—Ornamental plants of stately growth and picturesque foliage, with brilliant colored fruit, producing a sub-tropical effect; fine for lawns, massing or center plants for beds. Packet, 3c.

SALVIA or SCARLET SAGE.—For brilliant effect there is nothing better than a bed of this bright-red flower, bearing long spikes of flowers in great profusion from July till frost. Seed should be sown early and transplanted to permanent beds as soon as danger of frost is past. Packet, 3c.

SENSITIVE PLANT.—A pretty plant whose leaves fold up if touched by a human being. Packet, 3c.

STOCKS or GILLIFLOWER.—The stock is one of the most popular annuals, either for bedding or pot culture. For brilliancy and diversity of color, fragrance, profusion and duration of bloom it is unsurpassed. Packet, 3c.

SUNFLOWER (Large Russian).—Remarkable for the stately growth and size of its flower, making a good effect as background. Packet, 3c.

SWEET ROCKET (Hesperis).—Old-fashioned garden plant and one of the most desirable of hardy plants. Bears spikes of showy white, lilac and purple fragrant flowers. Packet, 3c.

SWEET WILLIAM.—Our mixture contains both double and single flowers, free blooming, hardy perennial, fine for bedding and bouquets. The splendid variety of colors that are in our seeds is unsurpassed. Packet, 3c.

Verbena

Nasturtium

Petunia

SWEET PEAS.—See page 32.

VERBENA.—This lovely flower produces a mass of flowers from spring until late fall. Our strain is as fine as the world produces. Packet, 3c.

WALL FLOWERS.—A half-hardy annual. Deliciously fragrant; blooming early in the spring with spikes of beautiful flowers, they should be protected in the winter and planted in April. Packet, 3c.

ZINNIA (Youth and Old Age).—One of the most beautiful and brilliant annuals, it has long been a favorite. A bed planted with this fine plant as a center cannot fail to give pleasure and satisfaction. Seed should be sown early and young plants planted out as soon as the season will permit; they bloom early and continuously. Packet, 3c.

Climbing Vines

BALSAM APPLE.—An annual of merit, bearing a long yellow fruit, which is both attractive and odd. Packet Price, 3c.

CLEMATIS.—A beautiful tender perennial shrub, bearing clusters of drooping brilliant rich scarlet pea-shaped flowers, 3 inches in length. Each flower picturesquely marked with a large black blotch in center. Packet, 3c.

CANARY BIRD VINE (Tropaeolum).—A beautiful rapid annual climber, the charming little canary-colored blossoms, bearing a fancied resemblance to a bird with wing half expanded. Packet, 3c.

COREA (Cup and Saucer Vine).—A climber of rapid growth, valuable for covering trellises, arbors and trunks of trees. Seed should be planted edgewise and merely covered with light soil. Packet, 3c.

CYPRESS VINE (Ipomoea Quamoclit).—One of the most popular vines, with delicate fern-like foliage, and masses of beautiful, small star-shaped flowers. Packet, 3c.

MOON FLOWER (Ipomoea Grandiflora).—At night and dark days the plants are covered with an abundance of large, pure white fragrant flowers, 5 to 6 inches in diameter. It grows very rapidly, and will cover a very large surface. Packet, 3c.

MORNING GLORY.—Climbers of rapid growth, bearing flowers of all the possible shades. So well known it needs no description. Packet, 3c.

MORNING GLORY (Imperial Japanese).—They are unquestionably the handsomest climber vine in existence. Easily cultivated, can be sown in open ground in a sunny situation as soon as the weather is warm. The flowers are very large and most beautiful. Packet, 3c.

SCARLET RUNNER BEANS.—A great favorite because of its merit. Not only ornamental, but it produces a delicious edible bean; succeeds in warm, sunny places best. It bears its flowers in clusters of bright colors. Packet, 3c.

THEMBERGIA (Mixed) BLACK-EYED SUSAN.—Beautiful rapid growing, annual climber, preferring a warm, sunny situation, used for hanging baskets, vases, and to climb over low fences. Very pretty flowers in buff, white, orange, etc., with dark eyes. Packet, 3c.

WISTERIA.—Seed should be planted in boxes, plants transplanted into pots and then when the season is well advanced, plant in a warm, sunny place where the plant has plenty of room. The flowers are borne in great bunches, in shape of a bunch of grapes, the flowers are of a light blue, and remain in flower for weeks. One can hardly give a description of its beauty. Packet, 3c.

Add 8c. per dozen if Bulbs are to go by Mail.

GLADIOLUS BULBS.—One of the most beautiful summer blooming bulbs in cultivation. 15c. per dozen.

TUBEROSE ROOTS.—One of the most fragrant and popular of the summer flowers. Start early in boxes in the house or plant early in May in open ground. 15c. per dozen.

BAHLIA ROOTS.—This is one of the old-time favorites; plant in May in open ground. 10c. each; 3 for 25c.

Sweet Peas

CULTURE. Sweet Peas should be sown in drills as early as possible in spring in rich, friable soil. Prepare the bed thoroughly in a quantity of well-rotted manure, if it can be done, making a furrow one to six inches deep. In this sow the seed and cover two inches deep. As soon as the plants begin to show through, fill in the furrow. This will secure a deep planting without the bad effects of deep covering of the seed at first, and so enable the plant to bloom continuously through the heat of summer. As fast as the flowers come into full bloom or made they should be cut off, for if the pods are allowed to form the plants will stop blooming. In the selection and growing of our Sweet Peas we have obtained the services of one of the leading expert Sweet Pea growers in the world, who has made the growing, propagation and developing of grand, new, elegant varieties of Sweet Peas one of the highest aims of life. We, therefore, commend our extra superior varieties to you with the assurance that if you plant them you will have, without exception, the finest collection of colors and varieties of Sweet Peas of any one in your locality.

	Pkt.	Oz.	¼ Lb.	Lb.
Coquette. —Deep primrose, shaded fawn	.05	.10	.30	1.00
Duke of Westminster. —Standard, clear purple, tinted violet, large size	.05	.10	.30	1.00
Duchess of Westminster. —Rosy claret	.05	.10	.30	1.00
Duke of Southland. —Violet and purple. Dainty white, pink edges	.05	.10	.30	1.00
Emily Henderson. —White. Blooms early and profuse	.05	.10	.30	1.00
Golden Rose. —The largest primrose, striped light pink	.05	.10	.30	1.00
Janet Scott. —The best deep pink ..	.05	.10	.30	1.00
Katherine Tracey. —Standard purple, of lighter shade	.05	.10	.30	1.00
King Edward VII. —Rich crimson scarlet large Imp. Fire Fly ...	.05	.10	.30	1.00
Lady Grisel Hamilton. —Largest and lightest shade of lavender ..	.05	.10	.30	1.00
Lovely. —Shell pink, exquisite color ..	.05	.10	.30	1.00
Lottie Eckford. —Blue, edged white ..	.05	.10	.30	1.00
Maid of Honor. —Lavender and white, edge blue	.05	.10	.30	1.00
Miss Wilmot. —Large crimson orange	.05	.10	.30	1.00
Mont Blanc. —Very early, white, large	.05	.10	.30	1.00
Modesty. —Delicate soft pink ...	.05	.10	.30	1.00
Mrs. Eckford. —Shaded primrose yellow	.05	.10	.30	1.00
Mrs. Walter Wright. —The largest purple blue	.05	.10	.30	1.00
Mrs. Geo. Higson, Jr. —The only azure blue	.05	.10	.30	1.00
Mrs. Dugdale. —Light crimson rose ..	.05	.10	.30	1.00
Navy Blue. —Indigo and violet ...	.05	.10	.30	1.00
Prince of Wales. —Standard purple, wings blue, both striped on white ..	.05	.10	.30	1.00
Prima Donna. —The favorite pink ..	.05	.10	.30	1.00
Queen Alexandria. —The new scarlet	.05	.10	.30	1.00
Royal Rose. —Crimson pink; very large	.05	.10	.30	1.00
Sadie Burpee. —Large white	.05	.10	.30	1.00
Salopian. —Wings large; red, tinted with rose	.05	.10	.30	1.00
Stella Morse. —Has a fine, deep cream color, changing to delicate primrose	.05	.10	.30	1.00
Sybil Eckford. —The best buff and pink	.05	.10	.30	1.00
Eckford Mixed. —All colors	.05	.10	.30	1.00
	Pkt.	Oz.	¼ Lb.	Lb.
Apple Blossom. —The best bi-color rose and white	\$0.05	\$0.10	\$0.30	\$1.00
Aurora. —The best light crimson rose	.05	.10	.30	1.00
Blanche Burpee. —Large pure white ..	.05	.10	.30	1.00
Blanche Ferry. —Rosy pink, standard white	.05	.10	.30	1.00
Blanch Ferry. —Extra Early.—Earliest, rosy pink, standard white	.05	.10	.30	1.00
Countess of Radnor. —Mauve, lavender wings	.05	.10	.30	1.00

NOVELTIES IN SWEET PEAS. Sweet Peas of the Countess Spencer type in many new colors. They were awarded the silver cup in San Francisco. The stems are longer and have four flowers each, which are of a much larger size than are the ordinary sorts of Sweet Peas. Every person should plant some of these Novelties, so as to have some of the largest and best Sweet Peas there are in his garden.

Spencer Varieties

	Pt.	Oz.	¼ lb.	Lb.
White Spencer. —Flowers of enormous size, pure white; waved, crinkled and futed standards; wings fully an inch wide	\$0.05	\$0.20	\$0.60	\$2.00
Primrose Spencer. —On same style as above. Color pronounced primrose or creamy yellow throughout	.05	.20	.60	2.00
Bolton's Pink. —Orange or salmon-pink, veined with rose. Large size semi-hooded form	.05	.20	.60	2.00
Countess Spencer. —Bright, clear, pink, a little deeper at edges; open form, wavy petals.	.05	.20	.60	2.00
	Pt.	Oz.	¼ lb.	Lb.
Mixed Spencers.	.05	.20	.60	2.00
George. —Bright rose-carmine, large open way form	\$0.05	\$0.20	\$0.60	\$2.00
Helen Lewis. —Crimson-orange standard; wings, orange-rose. Very large	.05	.20	.60	2.00
John Ingman. —Rose carmine; gigantic futed flowers. Profuse bloomer ..	.05	.20	.60	2.00
Phenomenal. —White, shaded and edged lilac; very large hooded; wavy petals ..	.05	.20	.60	2.00
Queen Victoria. —Light primrose, self-colored, over medium size; fine form; hooded.	.05	.20	.60	2.00

Plant Section

All the plants offered are guaranteed to reach you in good growing condition and we are ready to correct mistakes

Madame Caroline Testout Larger and more Brilliant than La France.

Plants by Mail Only

To give the rose choice and get them first, you are asked herein only to mail and do not visit them in our office.

Roses

HARDY HYBRID TEA ROSES.

Some firms are sending out miniature roses that are hardly more than rooted cuttings. We do not handle that kind. Our roses are grown in bushy plants, are strong and vigorous, and ready to bloom at once. They are sent to you just out of the ground. It will be better, however, for you to have them come by express, as all the soil can then be left on the roots, which is a great advantage.

Our two-year roses were all in bloom last autumn, and are wintered outdoors, where they have an entire rose. These are not like the expensive but loose plants sold by some who go by express at great expense at the price given.

CARDINAL.—Red. Can be recommended as better than Liberty, and in the open ground equal to Meteor. It is a strong, robust grower, with large and massive flowers, deliciously fragrant. Full and double to the center. Of easy culture and extremely free-flowering. Price, mailing size, 15 cts.; strong 2-year plants, 40 cts.

CLARA WATSON.—Pink. The flowers are very graceful and are produced in remarkable profusion. The buds are beautiful, and are supported on long stems, making it desirable for cutting. The color is salmon pink, difficult to describe. Price, fine, mailing size plants, 10 cts.; strong 2-year plants, 25 cts.; heavy 3-year plants on own roots, 50 cts.

DEAN HOLE.—Pink. An intense salmon-pink, with bud of extraordinary length opening into a mammoth bloom of splendid substance. An English gold-medal Rose that ranks with the best. Price, 10 cts.; 2-year plants, 25 cts.

PAPA GONTIER.—Red. A fine forcing Rose, also fine for field planting. We sell immense quantities of this variety. It has a good bud, open flower semi-double, color, dark carmine, flushed crimson.

PEARL OF THE GARDENS (Perle des Jardins).—Yellow. A beautiful yellow Tea Rose. The one Tea Rose which you cannot possibly do without. It has absolutely no weak point. The color is faultless, whether the waxy petals show the rich tawny tint of cool weather or take richer golden shades when a warmer sun gives warmth. The form of the bud is rounded and exuberant. Of vigorous growth; foliage abundant and handsome; delightful fragrance; fine scattering. Price, mailing size, 15 cts.; strong 2-year plants, 35 cts.

GENERAL MEARTHUR.—Red. One of the brightest, vivid crimson-scarlet Roses in existence. Of free-branched habit of growth, very vigorous and healthy. Every shoot produces a large, double, well-formed flower, which, combined with its fragrance and hardness, makes this essentially one of the greatest red Roses for outdoor planting. The fragrance cannot be excelled by any Rose. Price, 1-year mailing size, 15 cts.; strong 2-year plants, 35 cts.

GRUSS AN TEPLITZ, or VIRGINIA R. COXE.—Red. Velvety crimson shading to brilliant scarlet. The flowers are cup-shaped, moderately full, coming somewhat in clusters on long, stiff stems, and are borne freely and continuously. Its hardness, beautiful foliage and great blooming qualities make this one of the greatest Roses for massing. Price, mailing size, 10 cts.; strong 2-year plants, 25 cts.

JONKHEER J. L. MOCK.—Pink. This is a dwarf Rose from Holland, and grows to great size, usually outstripping all the varieties around it. The flowers are big and round, of the general type of La France, and a bright pink, faced with carmine. They are borne freely on long stems and are valuable as cut-flowers. The firm, heavy texture of the petals makes them keep well. Also excellent for bedding. It is almost thornless. Price, 1-year mailing size, from 3-inch pots, 25 cts.; strong 2-year plants, 50 cts.; extra 3-year plants, 75 cts.

KAISERIN AUGUSTA VICTORIA.—White. One of the most beautiful of all Roses for open-ground culture. It is a strong, healthy grower and as hardy as any of the Hybrid Perpetual Roses. Blooms steadily from early spring until severe frost; in fact, it is as free-blooming as any Tea Rose. Elegant, large, pointed buds and large, full-dou-

ble flowers; color delicate creamy white; deliciously fragrant.

KILLARNEY.—Pink. A phenomenal Hybrid Tea Rose, especially as to the coloring, which is an exquisite shade of deep shell pink. The flowers are enormous; the petals frequently measuring 2½ inches deep. Wonderfully strong, throwing up heavy shoots crowned with long, heavy buds. Free-flowering and perfectly hardy. Price, strong 1-year plants, by mail, 15 cts.; heavy 2-year plants, 35 cts.; extra-heavy 3-year plants, 60 cts.

WHITE KILLARNEY.—This variety possesses all the good points of, and is identical in every way with, its parent, except in color, which is of a clear white. Its parent, Killarney, though in production only ten years ago, has for several years been one of the most popular Roses. White Killarney has great freedom of bloom, beautiful form, and perfect hardiness, which, together with its purity of color, assures for it the same popularity. In naming a select list of leaders for general planting, I should certainly include White Killarney, because I know its merits so well. Price, strong mailing size, 15c.; 2-year plants, 35c.

LA FRANCE.—Pink. Accounts come from all quarters every year describing the great profusion of its bloom from June until frost, and extolling its fragrance and immense size. It is of stately form, and double as a Rose can be. It is famed for its delicate coloring—silvery rose shaded with pink. It has a satin sheen over all its petals. Entirely hardy. Price, mailing size, 15 cts.; strong 2-year plants, 30 cts.

WHITE LA FRANCE, or AUGUSTE GUIGNESAU. Recommended to all, whether for outdoor culture or for pots in the house in winter. If you were to ask for six of the very finest

Roses, I should be sure to include it in the six. It is identical with La France, except in color. It is purely white, sometimes tinted with fawn. Price, mailing size, 15 cts.; strong 2-year plants, 30 cts.

STRIPED LA FRANCE.—Light Pink. This variety combines all the good qualities of La France in growth, fragrance, shape of bud and flower; it is nicely striped, the markings being plain and distinct, the variegations being a beautiful bright rose on a satin pink ground. Price, mailing size, 15 cts.; strong 2-year plants, 30 cts.

RED LA FRANCE, or DUCHESSE OF ALBANY.—Carmine. A fine Rose of unusual merit, one that will survive, with slight protection, the winters of any locality. It is identical in every respect with La France, except in color, which is a pretty red when in bud form, but when open it changes to a carmine. A fine bender. Price, mailing size, 15 cts.; strong 2-year plants, 30 cts.

MRS. A. R. WADDELL.—Yellow. A sturdy, vigorous-growing bush. The buds open a clean, rosy salmon deepening to scarlet; outside of petals a little lighter. Flowers large, splendidly formed. Price, strong mailing size, 15 cts.; heavy 2-year plants, 35 cts.

MADAME JULES GROLEZ.—Red. Called by some "Red Kaiserin." One of the brightest and most pleasing Roses. A free-blooming variety, with large, bright, finely formed flowers. Color a distinct shade of cherry-red. Price, mailing size, 10 cts.; 2-year plants, 25 cts.

BESSIE BROWN.—White. Flowers profusely in the open ground all through the summer. The petals are pure white. Sometimes faintly flushed pink; petals enormous and well shaped. Price, mailing size, 15 cts.; 2-year plants, 35 cts.

BETTY.—Yellow. Color a coppery rose overpread with golden yellow. Its blooms are extremely large, fairly full and of glorious form. Vigorous, erect and free-branched habit. Flowers large and deliciously perfumed. Price, mailing size, 15 cts.; 2-year plants, 35 cts.

MME. CAROLINE TESTOUT.—Pink. Planted in the nursery rows with all the other good Roses, you can pick it out across a ten-acre field on account of its immense size and brilliant color. Probably no Rose

Radiance. Silvery pink; profuse; most desirable.

ROSES—Continued

stands higher in public estimation today than La France, but Mme. Caroline Testout is decidedly deeper and more brilliant in color and a larger flower, and is as good in other ways. Petals large, exquisitely edged and bordered with clear silver rose. Color brilliant satiny rose. Price, strong mailing-size plants, 15 cts.; fine 2-year plants, 35 cts.; extra 3-year plants, 50 cts.; 4-year immense plants, 75 cts.

MY MARYLAND.—Pink. One of the finest of peach-pink Roses. The flowers are large and double, of perfect form, with a bright but tender peach-pink tint which becomes lighter and even more attractive as the flower expands. The plant makes a robust growth with many canes, and every shoot bears one or many of the perfect blooms which come throughout a long season. Grown originally for cut-flowers. It has proved perfectly hardy out-of-doors. Price, strong 1-year plants, 15 cts.; 2-year plants, 35 cts.

RADIANCE.—Pink. John Cook of Baltimore has produced more good Roses than any other man in this country, but he never has given us a better Rose than Radiance. It is a continuous bloomer and an extremely vigorous grower, surpassing Wm. R. Smith in that respect. The blooms are very large; clear, silvery pink, somewhat resembling the grand new Rose, Jonkheer J. L. Mock, but lighter in color. This is a variety of the greatest importance. Price, mailing size, 20 cts.; 2-year plants, 30 cts.

TRIOMPHE DE PERNET PIRE.—Red. Flowers extra large, broad, thick petals and long, tapering buds; delicious tea fragrance. Color, clear magenta-red, sometimes passing to bright crimson. Price, mailing size, 10 cts.; 2-year plants, 25 cts.

WELLESLEY.—Pink. A seedling from Liberty crossed with Bridesmaid. Flowers extra large and full, of excellent substance and durability; color bright, clear rose-pink, reverse of petals silvery rose. Price, mailing size, 10 cts.; 2-year plants, 25 cts.

HELEN GAMBIER.—Yellow. Flowers deep orange-yellow, shading to copper yellow and then to almost white on the outside row of petals. Fragrance as strong and penetrating as a Sweetbrier Rose. Very distinct and beautiful. Price, mailing size, 10 cts.; 2-year plants, 25 cts.

WINNIE DAVIS.—Vigorous and robust, free-blooming; foliage leathery, reddish green, flowers large. For the Middle and Southern States Winnie Davis is second to none. Price, mailing size, 10 cts.; 2-year plants, 25c.

WM. SHEAN.—Pink. A fine grower; large, pointed flowers of Killarney-pink; full, free and perpetual; one of the very largest of Roses. Price, 15 cts.; 3-inch pots, 25 cts.; 2-year plants, 35 cts.

WM. R. SMITH.—Light pink. New, hardy, everblooming Rose. Color deep ivory-white, overlaid with clear, bright pink. As hardy as Kaiserin Augusta Victoria, and a vigorous and rampant grower. I have a fine stock, and offer it at a reasonable price. Guaranteed to bloom this year. Price, 3-inch pots, 15 cts.; heavy mailing size, from 3-inch pots, 15 cts.; each, \$1.50 per doz.; splendid, strong 2-year plants, 35 cts.; extra fine 3-year plants, on their own roots, 50 cts.

RICHMOND.—Red. This is among the most brilliant of scarlet-crimson Roses, and will always be included in the first half dozen most desirable red Roses. The bloom is moderately full, of graceful habit and borne on long, stiff stems. This variety is used in immense numbers as a cut-flower, and is of equal value in the garden. Price, 1-year mailing size, 15 cts.; strong 2-year plants, 35 cts.

RUEA REID.—Crimson. A magnificent garden Rose. "As large as American Beauty, as double as La France, and as red as Richmond." It is the way this beautiful Hybrid Tea Bush Rose has been described. The color is vivid scarlet-crimson, and the flowers are marvels of beauty; large, bold and of splendid substance. It has a strong, disease-resisting constitution, makes a rapid growth and throws up a profusion of canes from the roots and is always blooming. Price, 1-year mailing size, 15 cts.; strong 2-year plants, 35 cts.

AMERICAN BEAUTY.—Crimson. Largest, sweetest and best of all hardy Roses. It is a genuine, hardy, everblooming Rose. For immensity of size, rich color, exquisite form and delicious fragrance, it stands without an equal. It is a quick and bushy grower and a continuous bloomer, makes magnificent buds and large, deep, double flowers, and is valuable both for house and garden culture. Color a rich, rosy crimson, shaded and veined in the most charming fashion; very fragrant. Price, 15 cts.; larger size, 25 cts.; 2-year plants, 35 cts.

SOUV. DE PIERRE NOTTING.—Yellow. This beautiful Tea Rose is an introduction of one of the foremost firms of France, and has not been exceeded in merit by any Rose yet sent from a great culture. Blooms very large, well filled and open easily; beautiful, elongated bud. Color apricot-

yellow tinged with golden, mixed with orange-yellow, edge of petals shaded beautiful carmine-rose; open flower is full and double and of good substance; extremely free flowering. Mailing plants, 10 cts.; 2-year old plants, 25c.

MRS. H. R. CANT.—Red. A most beautiful and worthy variety, somewhat resembling the Papa Gontier. The plant is a very free grower and bloomer; the flowers are large, full and double; dark carmine shaded and flushed with lighter rose. Mailing size, 15 cts.; 2-year plants, 30 cts.

Tea Roses

This class of Roses is distinguished by a delicate tea fragrance and an absolutely ever-blooming habit. Most varieties are not so hardy as the Hybrid Tea class, but they may be carried through the winter even in the Northern States with careful protection, banking up with soil probably being the most satisfactory method. The Cochet varieties are nearly or quite as hardy as the Hybrids. Price of all Tea Roses, except where noted:

1-year mailing size, 10 cts.; strong 2-year plants, 35 cts.

PINK MAMAN COCHET.—The queen of all pink garden Roses. Clear rich, clear, changing to silvery rose. The buds are beautiful, large, full and firm and elegantly pointed; as they expand they show great depth and richness, sometimes measuring 2½ inches from base to tip. Small pot-plants will, in the open ground, quickly make large, strong bushes, and produce on long, stiff stems, great numbers of perfect flowers. Perfectly hardy in all sections. Price, 2-year plants, 30 cts.

WHITE MAMAN COCHET, or PRISCILLA.—A charming white Tea Rose. A child of that grandest of bedding or outdoor Roses, Maman Cochet; identical with that variety except in color. Hardy in Northern Ohio, with slight protection in winter. The flowers are enormous, remarkably round and full; white and delightfully tea-scented. Price, 2-year plants, 30 cts.

GOLDEN COCHET, or HELEN GOOD.—This is the only true Cochet Rose known except the old, well-known Pink and White Cochets. The color is a delicate yellow, suffused with pink, each petal becoming deeper, very changeable and beautiful. The color, with its immense size and exquisite form, makes it one of the greatest Tea Roses. Price, 2-year plants, 30 cts.

BON SILENE.—Pink. A grand old Tea Rose. Large, beautiful buds, fine for bouquets and decorative purposes. The color is deep rose, or bright rosy crimson.

PURBANK.—Pink. A hardy, everblooming Tea Rose. The color is clerry-crimson; the very deepest and brightest pink Rose in cultivation. Peculiarly adapted for outdoor planting or for blooming indoors.

HELEN GOULD.—Red. One of the most beautiful and satisfactory Roses for general planting ever introduced in America. The flowers are full and perfectly double, the buds beautiful and wide, the point of the color of a ripe red watermelon. It is as hardy as La France.

FRIEHR VON MARSCALL.—Red. The flowers are large, beautifully shaped, double and full, borne in wonderful profusion all through the growing season. It is a bright red, one of the brightest red Tea Roses in existence. Price, mailing size, 3-inch pots, 15 cts.; heavy 2-year plants, 30 cts.

MAD. FRANCISCA KRUGER.—Yellow. A strikingly handsome Rose, one of the very best for open-ground culture. It is especially adapted to beds or margins. Holds its foliage under all sorts of adverse conditions. Flowers deeply shaded copper yellow. A strong and vigorous grower and a good and constant bloomer.

MARIE VAN HOUTTE.—Yellow. Magnificent in the open ground. Extra-large, full-double flowers; canary-yellow, passing to creamy white, shaded rose.

MARQUESE, or GURHOENT.—Yellow, semi-pointed buds; stiff, upright stems; color a beautiful China-rose, copper salmon and golden yellow; extremely free bloomer.

GOLDEN GATE.—A most magnificent Rose with large, full, finely formed flowers; buds long and beautiful. Color rich creamy white, exquisitely tinged with golden yellow and clear rosy pink, a flower of indescribable beauty. Plants robust and hardy, and bloom freely.

Frau Karl Druschki. A great white Rose deserves its popularity

ROSES—Continued

FRAU KARL DRUSCHKI.—White called by some, "White American Beauty." Strictly speaking, this Rose does not belong to the Hybrid Tea class, as it is a bushy climber. It is a very constant and persistent bloomer. One of the finest forms, often described with carmine on the outer petals, resulting in an enormous flower absolutely pure white, unquestionably the whitest Rose. The growth is exceedingly strong and healthy. Price, mailing size, 3-inch pots, 15 cts.; strong 2-year plants, 40 cts.; extra-heavy 3-year plants, 60 cts.; 4-year rose plants, 80 cts.

China Roses

These are the Rose of our grandmother's garden. They are of a sterling quality and are of a range of colors. They are of an absolute hardiness and adaptability. These conditions make them popular and reliable varieties.

Price of these six kinds, mailing size, 10 cts.; strong 2-year plants, 25 cts. each.

CHAMPION OF THE WORLD.—Pink. It is quite hardy and possesses that delicious old-fashioned Rose fragrance so much sought after in an everblooming variety.

CLOTHILDE SOUPERT.—Pink. A vigorous grower. The flowers are double and beautiful in form, in the style of the beautiful Rose, *Bail de Snow*. They are borne in sprays, and the color blends from a soft shell-pink to a pure, satiny white. Roses with both these colors are borne on the same plant at the same time. Unequaled in flowering qualities.

DUCHESE DE BRABANT.—Carmine. A bright Chinensis rose, with copper yellow center, ends of petals suffused with carmine. A charmingly beautiful combination of coloring, as each color blends nicely with the other. This variety ranks with the best and is a Rose of decided merit.

HERMOSA.—Pink. An old favorite. It is always in bloom and always beautiful; the flowers are cupped, finely formed and full; color, the most pleasing shade of pink, soft but deep.

QUEEN'S SCARLET.—Red. A great old bedding variety. It can be planted anywhere; entirely hardy. Flowers large and fiery scarlet, a color seldom seen in Roses.

SOUVENIR DE LA MALMAISON.—Flesh. Blooms well in hot weather. Its rich, flesh-colored flowers are of large size, double to the center, and produced in abundance.

Everblooming Climbing Roses

CLIMBING CLOTHILDE SOUPERT.—White. In this climbing variety we have the combination of Clothilde Soupert with

with the same wonderful freedom of bloom and extreme hardiness. This new variety, in a single season, even in small plants, will grow 15 to 25 feet, producing bush after cluster of the finest formed flowers. In form they are distinct, large, round and flat, with beautifully imbricated petals, perfectly full and double, and deliciously sweet. The color effect is magnificent—ivory white, shading toward the center to silvery rose. Throughout the entire growing season it is literally loaded down with its large, handsome flowers. Price, strong mailing size, 3-inch pots, 10 cts.; heavy 2-year plants, 35c.

CLIMBING CRIMSON RAMBLER.—A magnificent hardy, everblooming Rose. This variety, introduced only recently, combines the wonderful everblooming qualities of the Crimson Baby Rambler with the climbing habit of the true Crimson Rambler. This makes it invaluable for use wherever a climbing Rose may be employed. Planted with taller-growing kinds, it prolongs their blooming season and removes their bareness.

foliage near the ground. The flowers, of brilliant crimson, are borne in clusters throughout the summer; the foliage is glossy and thick, resisting the attacks of insect enemies. My stock of this great variety is limited. Price, mailing size, plants, 15 cts.; strong 2-year plants, 50 cts.

CLIMBING KILLARNEY.—Pink. An exact counterpart of Killarney. In every respect, except that it is a vigorous climber. This will prove a great garden Rose. Price, 3-inch pots, 10 cts.; 2-year plants, 20 cts.

CLIMBING METEOR.—Velvety red. Grand new Rose, the same of all red climbing Roses. It is a free, persistent bloomer, and will make a growth from 10 to 15 feet in a season. We do not hesitate to place it at the head of the list of all Roses for summer blooming, as it will make a strong growth, and is literally loaded with flowers all the time. Price, strong plants, 3-inch pots, 15 cts.; fine 2-year plants, 35 cts.

CLIMBING PAUL NEYRON.—Pink. One of the very best of all climbing Roses. An extremely free and continuous bloomer of very large size and fine pink color. Much more like La France than Paul Neyron in color, shape and blooming qualities. Would

have been better named "Climbing La France." Price, strong mailing size plants 15 cts.; heavy 2-year plants, 30 cts.

CLIMBING WOODFORD.—Scarlet. This superb new climbing Tea Rose is a prime favorite wherever it is introduced. The flowers are large, full, deep and double, and of a beautiful velvety red color; the petals are unusually rich and wavy. Price, 10 cts. 3-inch pots, 15 cts.; 2-year plants, 25 cts.

EMPEROR OF CHINA. (The Apple-Blossom Rose).—Red. This is a hardy climber that possesses great merit. It is a strong, rampant grower, and a very free bloomer. Flowers of good size from pointed buds; soft red, turning lighter as it opens. It blooms from May to December in the open ground. Introduced from China. Price, strong mailing size, 10 cts.; 2-year plants, 25 cts.

GLOIRE DE DIJON.—Amber. This magnificent Rose is always scarce and difficult to obtain true. The flowers are large, perfectly double and delightfully tea-scented; color rich, evenly amber, tinted with blush. One of the most beautiful Roses. Price, strong mailing-size plants, 15 cts.; 2-year plants, 25 cts.

MARECHAL NIEL.—Yellow. The world renowned Rose. A beautiful, deep sulphur yellow; very full, large and exceedingly double. It has a climbing habit, and in a few years will attain a large size, yielding thousands of beautiful golden yellow flowers. Especially desirable in the South. Price, mailing size, from 3-inch pots, 10 cts.; fine 2-year plants that made 4 to 6 feet of growth last summer, 35 cts.

MARY WASHINGTON.—White. Flowers are of medium size, pure white, sweet, perfectly double to the center, and borne in endless numbers in large clusters all summer. Vigorous and rapid grower. One plant of Mary Washington will produce more flowers and buds than a dozen ordinary Roses. Its fragrance is tinged with the old-fashioned musky flavor so much admired in olden times. My stock is propagated direct from the old plant at Mount Vernon, which is famous as having been planted by George Washington and named in honor of his mother. It is still a strong, vigorous bush, blooming profusely and demonstrating that the soil and climate of Fairfax are especially adapted to its growing. Price, strong mailing size, from 3-inch pots, 10 cts.; fine 2-year plants, 30 cts.

MRS. ROBERT PEARY. (Climbing Knautia).—White. This is, without doubt, the grandest of all white climbing Roses. It is the first and only white, hardy, everblooming climbing Rose, and, as such, fills a demand long felt by gardeners. It is supplied. Small plants bloom continually the first season, just as the parent, Kaiserin Augusta Victoria, does. The flowers are extra large, full, and of a double and are produced on long, stiff stems like a forcing or cut-flower Rose. The buds are long and pointed, exquisitely modeled and gracefully finished. Both in bud and flower it is really beautiful. It is a wonderfully vigorous grower and very hardy. Price, strong mailing-size plants, 10 cts.; fine 2-year plants, 30 cts.; extra-fine 3-year plants, 50 cts.

REVE D'OR. (Golden Chain, or Climbing Safrano).—Yellow. A beautiful pillar Rose. Color rich and brilliant. The flowers are of size, full and sweet. I have a fine stock of this Rose, and recommend it highly. Price, strong mailing size, from 3-inch pots, 10 cts.; fine 2-year plants, 25 cts.

WHITE MICROPHYLLA.—Flowers purest white, double, sweet. Price, mailing size, 10 cts.; strong 2-year plants, 25 cts.

Rambler Roses

While these do not bloom continuously, they are covered during their blooming season with a wealth of flowers of various shades. The sight of a single Ramblee in full bloom is one long to be remembered—a wealth of color shown by no other class of plant.

AGATA, or YELLOW RAMBLER.—The only yellow Rambler. The flowers are mixed with white varieties it makes a striking effect. Price, 10 cts.; 2-year plants, 25 cts.

BLUE ROSE. (Eilchenblau).—This is a blue Rambler from the Croisne. It has been the sensation of Rosedom a few years ago. The flowers are borne in large clusters, like those of the Crimson Rambler, and have a blue color of a rich, velvety blue. It is a striking novelty. Price, mailing size, from 3-inch pots, 15 cts.; strong 2-year plants, 35c.

CRIMSON RAMBLER.—Often grows to 10 feet in a season. It is of a bushy form, and for covering buildings, trellises, etc. Brightest crimson, undimmed to the end, and the flowers are of a great pyramidal panicle or trusses of thirty to forty blooms. Price, from 3-inch pots, 10 cts.; 2-year plants, 25c.; 3-year plants, heavy, 50c.

ROSES—Continued

DOROTHY PERKINS.—The flowers are clear shell-pink, with lovely, oddly wrinkled petals; buds pointed, well formed, borne in great clusters. A fine climber and a profuse bloomer; flowers very durable and the clusters are good for cutting. Price, strong mailing size, from 3-inch pots, 10 cts.; 2-year plants, fine, 30 cts.; extra 3-year plants, 50c.

HELENE (Pink Rambler).—A seedling from Crimson Rambler. Flowers larger than those of Crimson Rambler, nearly double, and borne in clusters of twenty to fifty. Color soft, violet-rose. Price, 10 cts.; 2-year plants, 25 cts.

HIAWATHA.—Brilliant scarlet; bears large clusters of single flowers; bright and effective. Price, mailing size, from 3-inch pots, 15 cts.; strong 2-year plants, 30 cts.

LADY GAY.—Flowers delicate cerise-pink, passing to soft white. The effect of the combination of soft white flowers, pink buds and green foliage is indeed charming. Price, 10 cts.; from 3-inch pots, 15 cts.; 2-year plants, 30 cts.

Chrysanthemums

Queen of the Autumn

In May or June, prepare boxes 4 or 5 inches deep, leaving ample cracks for drainage. Fill the box with a compost—three parts decomposed sod or garden soil and one part cow-manure, well rotted. Add one pint each of bone meal and wood-ashes to each bushel of compost and mix well. Plant young plants in two rows, 8 or 10 inches apart; train to single stem and stake. Place the box in sunny position; water as needed. Disbud, leaving but one to each plant, selecting the best specimen. Mulch with well-rotted manure. Keep plants growing vigorously. Toward frost, place in sunny window in cool room with night temperature of 45 degrees.

THREE EXTRA-EARLY CHRYSANTHEMUMS.

GOLDEN GLOW.—Beautifully incured; bright, golden yellow; 5½ inches. September 1 to 10. Price, 25 cts.

MONROVIA.—A few days later; color about the same; petals narrower. Price 25c.

OCTOBER FROST.—Large, incured; nearly white, tinged lemon-yellow. Price, 25c. One each of the above three for 60 cts.

NINE LATEST INTRODUCTIONS.

BRUTUS.—Orange and red; half-globular. Price, 15 cts.

CLEMENTINE TOUSET.—The "Early Chadwick." Largest white for its date. October 12. Lasting; splendid stem and foliage. Price, 15 cts.

DR. ENQUEHARD.—Awarded highest honors. True pink, without purple. Stem and foliage perfect; full-double; midseason; 6½ inches. Price, 15 cts.

GEX. HUTTON.—Yellow and orange. 4½ feet high; midseason. Price, 15 cts.

MRS. W. B. CHAMBERLAIN.—Pink; valuable for cutting. Price, 15 cts.

SUNBURST.—Petals deep yellow, shading paler at tips; enormous. Price, 25 cts.

WHITE BONAFFON.—Waxy white. Price, 15 cts.

WILLIAM DUCKHAM.—Deep, dark, clear pink; flower 9 inches in diameter; long, stiff stems. November. Price, 15 cts.

YELLOW EATON.—Bright yellow; stem strong enough to hold up the monster blooms. Price, 15 cts.

One each of these nine giant merits, \$1.20.

VARIETIES OF SPECIAL MERIT.

ALICE BYRON.—Purest white; clear, smooth flowers.

F. J. TAGGART.—Perfectly double; light yellow. Fine exhibition variety.

GOLDEN WEDDING.—Globular flowers; bold, majestic.

LAVENDER QUEEN.—Outer petals reflexed, center erect; silvery lavender-pink.

MAJOR BONAFFON.—Clear yellow, full in center, 8 inches diameter; nearly as deep.

MARIE LIGER.—Japanese. Extra large, pearl-pink, deepening to rosy lavender.

MINISTRE OLANESCO (Braunt).—French. Very large; rosy-violet, heavily plumed.

MRS. COOMBES.—Enormous reflexed flower; broad petals; light rose.

NEILLIE POCKETT.—Great beauty. White, incurving and reflexing narrow petals.

TIMOTHY EATON.—Pure white. A prize-winner.

Price, 10 cts. each. One each of the ten splendid kinds, 80 cts.

COL. D. APPLETON.—Golden yellow; 4 feet.

CULLINGFORDII.—Reflexed; brilliant crimson, shaded scarlet.

GLORY OF THE PACIFIC.—Magnificent size and depth; clear pink.

IVORY.—Pure white; globular.

MINERVA.—Large; yellow.

MRS. WEEKS.—Incurving petals; purplish white.

MRS. H. ROBINSON.—Best white. October 15 to November 1.

MURDOCK.—Deep pink.

MRS. O. P. BASSETT.—Canary-yellow; large, incurved, broad petals.

PINK IVORY.—Pink sport from Ivory.

POLLY ROSE.—Pure white; fine for pots.

PULLMAN.—Large; incurved; yellow.

ROBERT HALLIDAY.—Japanese. Large; yellow; dwarf.

Price of the preceding thirteen varieties, 8 cts. each.

POMPON VARIETIES, PERFECTLY HARDY.

BERTHA.—Large; white; open center.

BOSTON.—Golden bronze.

FAIR HAVEN.—Pearl-pink.

KING HENRY.—Straw-white.

LEBANAH.—Pink.

MATILDA.—White.

OBAN.—Silvery pink.

PRINCE OF WALES.—Pure white; fine.

SUCCESS.—Silvery rose.

TISRE.—Medium size; pink.

Price, 8 cts. each.

Dahlias

The Dahlia is the people's flower. It makes a more gorgeous, dazzling display than any other outdoor-grown flower. Immense bloom can be had from our improved varieties, which in size, beauty and style rival the finest house-grown, single-stem chrysanthemums. We have a magnificent collection of the best sorts grown.

The Dahlia is of the easiest possible culture. Plant in good soil in the full sunlight, and keep the ground well worked or mulched, and you will be repaid by showers of bloom. When the frost kills the tops, lift the roots and place in any cellar where they will not freeze. I offer strong, pot-grown plants that will bloom early and continuously, and be far more satisfactory than roots, which I do not sell.

Four New Giant Dahlias

For size, coloring, form and vigor of growth, these varieties are in a class by themselves.

Price, 25 cts. each; the four for 75 cts.

CUBAN GIANT.—An immense, full-double, quilled Dahlia, 7 to 7 inches in diameter. Color dark, glowing crimson.

PENDANT.—A very large, bright crimson-maroon, with broad, overlapping petals.

MRS. ROOSEVELT.—Even larger than Cuban Giant. Decorative form, full and double. Color a delicate shade of pink.

SOUVENIR DE GUSTAVE DOZON.—A pure scarlet decorative variety of mammoth proportions; will produce flowers 6 to 9 inches across. Profuse-flowering.

Superb New Cactus Dahlias

CHARM.—Yellow at base of petals, then red, with heavy white tips at edges; long petals; blooms freely. Price, 15 cts.

CLAR. J. STREIBICK.—Long, narrow-pointed petals; flowers sometimes measuring 7 inches across. Salmon-flesh, shaded darker. Price, 15 cts.

BRITANIA.—Double salmon-flesh; very large, early and free. Price, 15 cts.

DAHLIAS—Continued

Fifteen Superb Double Quilled Dahlias

BRUNHILDE.—Rich plum-color; loosely arranged, long petals; an exceptionally fine flower and very free. Price, 10 cts.

COUNTESS OF LONSDALE.—A peculiar but pleasing blending of salmon-pink and amber; flowers freely under all conditions. Price, 15 cts.

COUNTRY GIRL.—New. Deep golden yellow, bright amber tints; the leaf flowers appear very early and remain large right up until frost. Price, 15 cts.

ERNEST CHEAL.—One of the best crimson Cactus Dahlias; free bloomer. Price, 10 cts.

EXQUISITE.—Pure orange-scarlet, with salmon shading; truly lovely. Remarkably free-blooming. Price, 15 cts.

GALLIARD.—The best scarlet-crimson Cactus Dahlia. Flowers large, of most perfect Cactus form. Price, 10 cts.

KEYNE'S WHITE.—A finely formed pure white Cactus Dahlia. Price, 15 cts.

LYNDHURST.—One of the best bright scarlets; invaluable for cutting; large, perfectly full centers; long stems. Price, 10 cts.

MARY SERVICE.—Apricot, shaded orange, blending to purplish rose at the tips; a well-formed flower, and a free and continuous bloomer. Price, 15 cts.

STANDARD BEARER.—Brightest scarlet. Plant dwarf, branching; profuse bloomer. Price, 10 cts.

STRALEN-KRONE.—Intense cardinal-red, rich and glowing, with long, twisted petals; early and profuse bloomer. Price, 10 cts.

WINSTONE.—Flowers are very large; beautiful Cactus form, with twisted, incurved petals, and borne on long, erect stems. Price, 10 cts.

One each of the above fifteen kinds by mail, \$1.60; by express, \$1.40.

A. D. LIVONI.—Beautiful clear pink; of perfect form and very fine. Price, 10 cts.

APPLE BLOSSOM.—A pretty variety, combining all shades found in apple blossoms. Price, 15 cts.

BLACK DIAMOND.—Flowers immense; full, high, round center; rich, velvety maroon, almost jet-black; plant strong and vigorous; dark, glossy foliage. Early and free bloomer. Price, 15 cts.

EMILY.—Rose lavender to white, suffused lavender; large, beautiful and striking. Price, 10 cts.

ETHEL.—Extremely large; pure yellow, tipped with white. Price, 15c.

GEORGE SMITH.—Fine, large, of perfect form; crimson. Price, 10 cts.

GOLDEN AGE.—The largest and best yellow. Price, 10 cts.

GRAND DUKE ALEXIS.—The petals are rolled up so that the edges overlap. Pure white, distinctly tinged delicate pink. Price, 15 cts. each, 25 cts. for 2.

LADY MAUDE HERBERT.—Pale yellow, shaded peach, tipped crimson. Price, 10 cts.

LUCY FAWCETT.—A very large, quilled bloom; sulphur-yellow, lightly striped and blotched carmine; sometimes clear yellow. Price, 15 cts.

OLYMPIA.—Flowers immense, measuring 6 to 7 inches across, with full, high center. Color deep rose-pink, striped and pencilled with rich crimson. Price, 15 cts.

QUEEN VICTORIA.—A quilled Dahlia, making a compact, round ball of the deepest golden yellow. Price, 10 cts.

SOLY DE MME. MOREAU.—Magnificent pink; free bloomer; strong, vigorous habit. Price, 10 cts.

STORM KING.—Very free; pure white; Price, 10 cts.

WHITE SWAN.—Splendid pure white; of good size and very free bloomer. Price, 10c.

One each of the above fifteen varieties by mail, \$1.60; by express, \$1.40.

Thirteen Choicest Decorative Dahlias

CATHERINE DUER.—Flowers measure 6 to 7 inches in diameter; open out flat, showing no center. Petals broad and well formed; color beautiful, glowing red. A strong, robust grower. Price, 15 cts.

CLIFFORD W. BRITON.—The best yellow. Immense size, perfect form, finest canary-yellow. Tall, vigorous grower; free bloomer. Price, 15 cts.

ELOISE.—Medium to large, full and regular; ground-color bluish pink, shading to white; each petal is margined deep, glowing crimson. Price, 10 cts.

FIRE RAIN.—A very free-blooming, brilliant red Dahlia. Price, 15 cts.

FRANK L. BASSETT.—Bright royal purple, shading to blue. The nearest approach to a blue Dahlia. Price, 10 cts.

HENRY PATRICK.—A superb, large, pure white variety, borne on long, stiff stems. Price, 15 cts.

HENRY MITCHELL.—Extra large; golden amber. Price, 15 cts.

HOHENZOLLERN.—Rich gold and bronze orange-red. Price, 15 cts.

JOHN BRAGG.—Will produce more blooms than any other variety grown; flowers large, dark red, almost black; grows 6 feet high. Price, 10 cts.

KING OF CACTUS.—Not a Cactus Dahlia, but belongs to the Decorative class. Color rich crimson, much like Catherine Duer. Price, 10 cts.

MATCHLESS.—Dwarf and branching, strong and vigorous. Flowers large; rich crimson, overlaid dark, velvety maroon; early and profuse bloomer. Price, 15 cts.

SYMPHAEAE.—Clear, light shrimp-pink, tinted lighter toward center. One of the best sorts. Price, 10 cts.

STRIPED BANNER.—Cardinal-red, striped white. Price, 10 cts.

One each of the above thirteen kinds by mail, \$1.50; by express, \$1.25.

Cannas

These wonderful bedding plants give uniformly good results in all sections of the country. They succeed in any sunny position, in any kind of soil, but will require liberal treatment. For best results prepare the beds 2 feet deep, and incorporate in the soil a liberal amount of well-decayed manure of any kind. Water well at all times. The best effect is given by planting large masses of one color, setting the plants 18 inches apart. All of my plants are pot-grown, and are ready to bloom at once.

The Choicest Orchid-Flowering Varieties

ALEMANIA.—Enormous flowers; broad, golden border, scarlet and dark red. 5 to 6 feet tall. Price, 10 cts.

AUSTRIA.—Large, bold, erect; deep golden, dotted carmine. 5 to 6 inches across. 5 to 6 feet tall. Price, 10 cts.

BOLIVIANA.—Strong, vigorous; vivid scarlet flowers, the largest and finest of their class. 7 feet tall. Price, 10 cts.

MR. CROZBY.—Bright, rose-pink. The finest pink Canna grown. Price, 10 cts.

MRS. KATE GRAY.—Massive foliage; flowers orange-scarlet, overlaid gold, 6 to 7 inches across. 5 to 6 feet tall. Price, 10 cts.

PENNSYLVANIA.—Flowers 6½ inches in diameter, in panicles; vermillion, overlaid with orange. 6 to 7 feet tall. Price, 10 cts.

Selected List of Good Cannas

J. D. EISELE.—Vermilion, overlaid orange. 4 feet. Price, 10 cts.

JEAN TISSOT.—Intense brilliant vermilion, shaded orange. 5 feet. Price, 15 cts.

MME. CROZY.—Golden, edged bright scarlet. Price, 10 cts.

RICHARD WALLACE.—Canary-yellow, large, borne on well-branched, upright trusses. Price, 15 cts.

ROBUSTA.—A giant; immense tropical foliage, 8 feet. Small blossoms. Price, 10 cts.

SECHERRE CHABANNE.—Salmon. 4 feet. Price, 10 cts.

BOFFINGER.—Bright orange scarlet; heavy truss. 4 feet. Price, 10 cts.

BUTTERCUP.—Buttercup-yellow; large flowers in open trusses. Price, 10 cts.

CHILDEN.—Golden-yellow, spotted red. Price, 10 cts.

Planet Jr. Tools for 1914

Space will not permit showing and describing here all of the PLANET JR. TOOLS, but we will send a beautifully illustrated Catalogue free to any one who may desire. PLANET JR. Goods are different from all others—the best on the market.

Planet Jr. No. 3 Seeder. Price \$10.00.

Planting in rows and thinning afterwards is a terrible time waste. The No. 3 Seeder puts the seed right on the spot where hill is wanted. Plants 4, 6, 8, 12 or 24 inches apart, or in continuous row, as desired. Changed in a moment. Holds 3 quarts.

Planet Jr. No. 4 Combined Hill and Drill Seeder, Single Wheel Hoe, Cultivator and Plow.

Price, Complete, \$10.50. As a Drill only, \$8.50.

The Drill is the same style as No. 3 Seeder, but smaller. By moving only one bolt the drill is taken off and the tool frame attached, making it one of the best of the Planet Jr. Single Hoes. This gives you the "whole business" in one tool.

Planet Jr. No. 12 Double Wheel Hoe.

This Wheel Hoe is a famous labor saver. It will do a wide variety of work that is almost incredible, and it is changed and adjusted with marvelous ease and quickness. The wheel can be set four different widths and the frame at three heights. The tools are changed without removing a single nut.

No. 12. DOUBLE WHEEL HOE (see illustration above), with 1 pair Plows, 1 pair Hoes, 4 Cultivator Teeth and Leaf Lifters. \$6.50. No. 13. DOUBLE WHEEL HOE, with Hoes only, \$4.25.

Plow,
\$2.50.
No. 11
Double
Wheel
Hoe,
3 pairs of
tools,
\$8.50.

Planet Jr. No. 25 Hill and Drill Seeder and Double Wheel Hoe. Price, \$13.00.

This new combined machine as a Drill is almost identical with "Planet Jr." No. 4 Drill; will sow in drills or hills, 4, 6, 8, 12 or 24 inches apart. As a Wheel Hoe it is identical with the "Planet Jr." No. 12 Double Wheel Hoe, the very best machine on the market. The change from Drill to Hill Hoe takes but a moment.

Planet Jr. No. 14.

There are three discs, oil tempered on each side, which may be used all at once or two on a side as preferred. They may also be adjusted for depth and to throw the soil to or from the row. The set of prong cultivator teeth is a great improvement over old sorts.

No. 14. Double Wheel Disc Hoe, complete (see cut above).....\$7.50
No. 13 1/2. Double Wheel Hoe with Discs only.....5.50
No. 38. Single Wheel Disc Hoe Cultivator and Plow.. 6.50
No. 13 1/4. Single Wheel Hoe with Discs only.....4.25
Disc Hoes (attachable to any machine) per pair.....2.25
Combination Cultivator Teeth (for any machine),
per pair.....1.25

No. 17 Single Wheel Hoe.

No. 18

A light, inexpensive and extremely efficient tool. Frames and handles are adjustable, and wheel can be changed to the other side of the frame, when both sides of the row can be hoed at one passage. Price, with all the attachments shown below, \$4.50.

No. 18. SINGLE WHEEL HOE. Same as No. 17, but with 6 inch hoes only. Price, \$3.00.

Planet Jr. No. 11 Double Wheel Hoe. Price, \$8.50.

Equipment: One pair 6-inch hoes, oil tempered. One pair 4 1/2-inch hoes, oil tempered. Four hollow steel cultivator teeth. One pair plows. Two 3-tooth rakes. Two 5-tooth rakes. Two leaf lifters.

Planet Jr. No. 8 Horse Hoe.

Will do more kinds of work than any other horse hoe. New Depth Regulator and Expander. Hollow Steel Standards. Strong and light. No gardener can afford to be without a Planet Jr. Horse Hoe. Price, \$8.50.

Iron Age (Improved Robbins) 100% Potato Planter

POTATO PLANTERS.

Iron Age (Improved Robbins) Potato Planter.

A light weight, light draft, strong, compact potato planter with a record of many years perfect planting, such as none other can point to. In localities where they are used at all, they are used almost exclusively—as soon as a grower learns what the Iron Age has done for his neighbor, he wants one, and gets it, if he speaks in time. Its perfect work is marked by four things especially—while it handles all the seed automatically from hopper

to seed spout, it does not injure a single piece—although a boy is necessary to make corrections, the net profit to you is far greater than if you planted with any other machine—no matter what distance apart you want to put the seed, you can do it and be sure there is a piece in every space, and one only—although you sow fertilizer at the same time, none of it touches the seed. Price, with Fertilizer Attachment (includes whiffletrees and neck yoke) complete, \$78.00.

No. 6 COMBINED DOUBLE AND SINGLE WHEEL HOE, HILL AND DRILL SEEDER.

Sows seed in continuous rows or drops in hills at 4, 6, 8, 12 or 24 inches apart. Lever makes quick change. Opens its own furrow, covers it and packs the soil. Has accurate feed, without injury to the seed. Latter is dropped in plain sight—no guesswork. The high wheel runs easy. The Wheel Hoe form of this tool is No. 1, shown opposite. No. 6 Combined, Price, \$12.00.

Drill only, \$9.00.

Garden Disc Cultivating Attachment, \$2.25.

"IRON AGE" NO. 17 COMBINED SINGLE WHEEL HOE AND DRILL SEEDER.

This machine sows only in drills, it does not alternate into a hill planter. Many market gardeners demand a separate machine for planting in drill. Price, \$10.00.

"Iron Age" No. 18. Same as No. 17. As a seeder only. No attachments, \$7.50.

No. 15, same as No. 17. With Drill and Hill Dropping Device with all attachments. Price, \$11.00.

No. 16, same as No. 15. No attachments. Price, \$8.50.

NO. 12. WHEEL HOE, CULTIVATOR AND PLOW.

A practical tool, for a small kitchen garden. It will plow in all but hard ground, open furrows and cover them, hill growing crops, hoe, rake and cultivate. Price, \$3.50.

"IRON AGE" NO. 20 SINGLE WHEEL HOE.

A strongly constructed implement for the amateur or market gardener. It is light in weight and of simple construction. The attachments are a pair of side hoes, three cultivator teeth, pair rakes and a plow. Price, \$6.00.

"Iron Age" No. 21 Plain Single Wheel Hoe. Same as No. 20 with only side hoes. Price, \$4.00.

NO. 1. DOUBLE AND SINGLE WHEEL HOE.

Opens and closes furrows, takes care of first working without danger to the young plants, goes astride or between the rows, cultivates, weeds, levels, etc. Does a day's work in 60 minutes. Saves old-fashioned back-breaking work—you walk upright with this tool, and weeds never get the best of you. Price, \$7.00; with Hoes only, \$4.25.

NO. 60 PIVOTED WHEEL RIDING CULTIVATOR.

High Wheel, 42 inches; wheels on pivots; gangs flat steel; tooth solid steel bars; cultivator's points all standard sizes; gang levers; spring lift; seat adjustable; spring trip or peg break hoes. Catalog gives complete description of these and many others, including Horse Hoes and Horse Cultivators. Ask for it.

With Peg Break Hoes.....\$34.00
With Spring Hoes..... 39.00

The South Bend Chilled Plow Standard Through the World

High Mold-board prevents clogging
and cleans furrows in loosest land.

No. 63. One Horse Plow, Steel Beams.....	\$4.00
No. B1. One Horse Plow, Steel Beams.....	4.50
No. B1. One Horse Plow, Wood Beam.....	4.00

	Steel Beams.	Wood Beams.
No. 2. Light Two Horse.....	\$6.00	\$5.50
No. 2½. Light Two Horse.....	7.50	7.00
No. 3. Medium Two Horse.....	8.00	7.25
No. 4. Regular Two Horse.....	8.50	7.75
No. 10. Large Two Horse.....	9.00	8.00
No. 151. Three Horse.....Cast Beam..	11.00	
No. 151 Three Horse.....Wood Beam..	10.00	

The South Bend Plow has become the leading plow with our truckers, and all who have used them, pronounced them superior to any plow on the market. For light draft, they cannot be equaled. We carry a full line of repairs on hand at all times. The prices are in reach of all, and we fully guarantee every Plow we sell. Wheels can be furnished on any of them at an additional cost of \$1.00.

Oliver Patent Plow

Which is so well known and generally liked wherever used. Can fill any orders for repairs promptly. Our prices we guarantee to be as low as it is possible to get the same goods anywhere in the United States. We are prepared to furnish the wholesale trade in large quantities. Get our prices and be convinced that we are the people to buy from. We guarantee these goods.

Right and Left-Hand. Full line of One, Two and Three-Horse Plows.

	Wood Beams.	Steel Beams.
No. A. One Horse Oliver Pattern.....	\$3.25	
No. B. One Horse Oliver Pattern.....	4.50	
No. 10. One Horse Oliver Pattern.....	5.00	6.00
No. 13. One Horse Oliver Pattern.....	5.75	6.50
No. 19. Two Horse Oliver Pattern.....	6.50	7.25
No. 20. Two Horse Oliver Pattern.....	7.00	7.50
No. 40. Three Horse Oliver Pattern.....	7.50	8.50

Wiard Chilled Plows

Steel-Beam Plow. Wiard No. 72.

This series of steel-beam plows has proven popular with the trade and is a model of its kind. They are trim in appearance, very strong, and as light as any other steel-beam plow made. Are light in draft and so balanced that they handle easily. The mold boards have superior turning qualities and they are adapted to all conditions of soil.

No. 62. One Horse Wood Beam.....	\$3.75
No. 13. One Horse Wood Beam.....	5.00
No. 10. One Horse Wood Beam.....	6.50
No. 19. Light Two Horse Wood Beam.....	7.50
No. 16. Medium Two Horse Wood Beam.....	8.50
No. 73. Light Two Horse Steel Beam.....	7.00
No. 72. Medium Two Horse Steel Beam.....	8.50
No. 91. Three Horse Steel Beam.....	9.50
No. F. Two Horse Malleable Beam.....	9.50

The Wiard Plow has been made without lapse since 1804, and hence the Wiard Plow Works have the prestige of being the oldest continuous manufactory of Plows in America, and, so far as known, the oldest on the globe.

We believe that a record of over a hundred years of promises kept is a fair guarantee for promises for the future. Advertising and other forms of publicity unquestionably have their uses, but the product of a manufacturer which has stood for over a century in public favor shows great intrinsic merit, aside from any artificial demand which may have been created for other makes of a similar nature.

To our old friends and customers we extend heartiest greetings and hope to be deserving of their future favors; to those who do not know us, we say, "Ask those who do;" to everybody we promise a "square deal."

"Malta" Single and Double Shovel Plows—Iron Beam

Has 1¼ x ¾ inch beam.

Price, Double Shovel Plow, \$2.50; Single Shovel Plow, \$2.25.

The "Genuine Malta" Double Shovel Plow as it is now made, consists of two solid pieces of iron—milled especially—made extra heavy in the shank, and tapered at the point, giving strength where it is most needed. It is provided with malleable adjustable clevis hook and handle braces. Blades are of the best open-hearth steel, full weight and desired width.

Syracuse Plows

Unequaled for Hard and Stony Ground. Will stay in the ground where all others fail. Steel Jointer and Wheel Standards.

Left Hand

No. 20—1878, Medium two-horse; furrow, 5 to 8 ins. deep, 11 to 14 ins. wide; weight, plain, 136 lbs.

No. 30—1878, Three horse; furrow, 6 to 9½ ins. deep, 14 to 16 ins. wide; weight, plain, 172 lbs.

No. 1362, Medium two-horse; furrow, 5 to 8 ins. deep, 11 to 14 ins. wide; weight, plain, 132 lbs.

No. 35, Three horse; furrow, 6 to 10 ins. deep, 14 to 17 ins. wide; weight, plain, 170 lbs.

The No. 11 Plow takes the No. 2, 1878, Share and Land-slide.

The No. 8 Plow takes the No. 1, 1878, Share and Land-slide.

Right Hand

No. 7, Medium two-horse; furrow, 5 to 7 ins. deep, 10 to 13 ins. wide; weight, plain, 130 lbs.

No. 11, Medium two-horse; furrow, 5 to 7½ ins. deep, 10 to 13 ins. wide; weight, plain, 135 lbs.

No. 8, Two or three-horse; furrow, 5 to 8 ins. deep, 12 to 15 ins. wide; weight, plain, 145 lbs.

No. 15, Three-horse; furrow, 6 to 10 ins. deep, 14 to 17 ins. wide; weight, plain, 170 lbs.

Good general purpose Plows, well adapted for stony ground, excepting No. 7, which works well in light soil. Adjustable Beam and Handles.

Right Hand

No. 3—1878, Light two-horse; furrow, 4 to 6 ins. deep, 9 to 12 ins. wide; weight, plain, 112 lbs.

No. 2—1878, Medium, two-horse; furrow, 5 to 7½ ins. deep, 10 to 13 ins. wide; weight, plain, 130 lbs.

No. 1—1878, Large two-horse; furrow, 5 to 8 ins. deep, 12 to 15 ins. wide; weight, plain, 142 lbs.

No. 10—1878, Three horse; furrow, 6 to 9½ ins. deep, 14 to 16 ins. wide; weight, plain, 167 lbs.

The Syracuse High Lift Sulky and Gang are strongly made with all parts either steel or malleable, carefully fitted and evenly balanced, so that the handling is made easy with a light or heavy driver.

Direct Draft.—The Plows have Direct Beam Draft and are carried in a three wheel frame, the Beams being held by swinging Bails at the front and rear. By this construction all strain upon the frame is avoided.

Foot Trip.—The Plows are released by a light pressure on the foot trip and enter the soil point first, quickly finding their depth, this being governed by the Lever which operates the front Furrow Wheel. They are locked down by the elbow action of the crank of the lifting lever passing a center, or may be left loose by turning down the set screw at this point. This change gives them a lifting movement when striking obstructions as when plowing among roots or in stony ground, and saves frequent breakages of parts.

No. 1, Syracuse Contractors' Plow, two to four-horse; weight with wheel, 205 lbs. This Plow has hard iron wearing parts, extra heavy beam, steel wheel frame, loop handle wear irons, will turn a furrow 5 to 9 inches deep, and 12 to 15 inches wide. An excellent Plow for general grading purposes.

No. 99, Syracuse four to eight-horse Contractors' Plow; weight with shoe, 310 lbs. This plow is equipped with a steel truss beam, steel moldboard and landside, separate shin piece. Heavy overlaid wrought steel share, adjustable shoe in place of wheel. Loop handle wear irons; very strongly built; suitable for severe grading purposes in shale or hard-pan.

Wiard Road or Contractor's Plows

The cut illustrates the No. 65 Plow, which is very substantial, and is heavy enough for ordinary road or contractor's work when used with two or four horses.

A Cast Iron Point, made from the best quality of charcoal iron, very strong and heavy.

A Forged Crucible Steel Point. This point is made very heavy, and is strong and durable, and can be forged or drawn by any blacksmith.

In ordering always specify which style of point is wanted on the plow.

The Shoe or Wheel as shown separate in cut, can be attached, but is not sent with plow unless ordered.

No. 65 Medium.....Weight, 200 lbs.
Price, with wheel.....\$16.00
Price, without wheel.....15.00

Wiard Pavement or Rooter Plow

No. 67. Four or Six-Horse. Weight with Clevis 250 lbs.

This Plow has great strength and is adapted to contractors' work and for tearing up cobblestone or Macadam pavements.

The Beam is made of charcoal cast iron, very strong and heavy or cast Crucible Steel, as ordered. The tendency to wear off the lower front end of the Beam in this class of Plows is entirely overcome by a separate shoe casting attached to the beams at this point, which can be replaced at slight expense when worn; this often saves the cost of the beam. In ordering always specify kind of Beam wanted.

The point is 32 inches in length and one inch thick, and is made from the best quality of forged steel. It is wedge shape and pointed at both ends. The Point can be extended when it becomes worn by removing the bolts and adjusting towards the front. It can also be reversed end for end, making a point that has strength, durability and great wearing qualities. It can be forged or drawn by any blacksmith.

The handles are made of steel, strongly braced, being a new departure, as heretofore handles for this style of Plow have been made of wood and were easily broken.

The construction of this Plow throughout is iron and steel, and is made to stand the wear and tear to which this style of Plow is subjected. This Plow, together with either of our Contractors' or Road Plows, makes a pair that is unsurpassed for this class of work.

The Shoe can be attached, but is not sent with Plow unless ordered.

Syracuse Steel Drag Scraper Contractors' Supplies

Our Scrapers, like our Barrow Trays, are shaped cold from a single sheet of steel, lapped and riveted at the corners. They are uniform in thickness throughout, except at corners, where they are of double thickness.

No. 1. Cap, about 7 cu. ft. of earth, 98 lbs.....\$5.75
No. 2. Cap, about 5 cu. ft. of earth, 90 lbs.....5.50
No. 3. Cap, about 3 cu. ft. of earth, intended for use of single horse, 85 lbs.....5.25

Barrows

No. 2. Syracuse Wood Tray Canal.....\$2.00
No. 120. Syracuse Steel Tray Canal.....3.50
No. 75. Syracuse Steel Tray Mortar.....4.25
No. 80a. Syracuse All-Steel Mortar.....5.50
No. 85a. Syracuse All-Steel Mortar.....4.25
No. O. Rex Steel Tray Canal.....3.00

Adriance Buckeye Mowers

Our system of gearing has been used by us since 1857. Bevel and spur gear is employed in accordance with the most scientific mechanical usage to secure the greatest durability and the best results with the least expenditure of power.

UNIQUE AND UNEQUALED. No other mower has gearing as simple or with so long a record of success. Both pinions are large, with well formed cogs, durable and efficient.

Roller Bearings

The rollers in our bearings are in cages which keep them in line with the axle, and also prevents them from falling out if for any reason the bearing is removed from its place. The value of a roller bearing depends upon securing and maintaining the absolutely parallel relation of shaft and rollers and a good fit to shaft and casing.

A roller bearing without retaining cages is worse than none, as the rollers will lose alignment with the shaft, and then heavy draft and rapid wear is sure to follow. Such bearings are also difficult to put in place in the event of the probable necessity of removing them for renewal. They are cheaper for the builder but not for the farmer, and they will not do for Adriance machines.

Milwaukee Mowers

For years this mower has stood at the head of the list for general work. We cannot say too much for it. Light draft, reliability of work, fewness of repairs, evenness of cut. All combine to make this mower a leader. Catalogues on application.

**WE CARRY REPAIRS FOR ALL
LEADING MAKES OF MOWERS**

Insect Destroyers and Insecticides

PARIS GREEN.— $\frac{1}{4}$ pound, 15 cents; 1 pound, 25 cents; 5 pounds, \$1.00.

HAMMOND'S SLUG SHOT.—5 pounds, 30 cents; 10 pounds, 50 cents.

LIME, SULPHUR AND SALT.—This preparation is scientifically prepared and is widely recommended, and known as the best preparation for San Jose Scale, Oyster Shell Scale, etc. Price: 1 quart, 30 cents; gallon, 80 cents.

KEROSENE EMULSION.—One of the best insecticides for all soft-bodied sucking insects feeding openly so as to be within reach of actual contact, such as plant lice, fleas, beetles, aphids, green fly, mealy bug; also for insects of fruit trees, including San Jose Scale. Per quart can, 40 cents; 1 gallon, \$1.00; 5 gallon can, \$4.00.

TOBACCO DUST.—The most economical form to use tobacco as an insecticide: fatal to green and black fly and similar garden pests, by simply dusting over the plants. If dug around the roots will keep away all pests below ground and insure health to the plants. 10 cents per pound. If by mail, 15 cents extra.

ARSENATE OF LEAD.—This is a very popular remedy for use against all eating insects that attack foliage and fruit trees. It does not wash off or will it injure in any way the foliage. Use two or three pounds to 50 gallons water. 1 pound, 25 cents; 5 pounds, \$1.00; 10 pounds, \$1.80; 25 pounds, \$3.75; 100 pounds, 7 cents per pound.

BOREAX MIXTURE.—The best fungicide for curing and preventing black rot, mildew, blight, leaf curl, scab or other fungoid diseases on fruits and plants. One gallon will make 50 gallons liquid. 1 pound, 25 cents; 5 pounds, 75 cents; 10 pounds, \$1.25.

HELLEBORE POWDERED WHITE.—Less poisonous than Paris Green and safer to use when fruit is nearly ripe. Per pound, 25 cents; by mail, 40 cents.

WHALE OIL SOAP.—Dissolved in water makes an excellent spray for scale on palms, etc. $\frac{1}{4}$ pound package, 15 cents; 1 pound package, 25 cents; postage, 16 cents per pound.

BUG DEATH.—Bug Death is a fine powder and in composition is peculiar to itself, inasmuch as it does not depend upon arsenic for its killing power. Bug Death is safe and sure to use on potatoes, tomatoes, currants, gooseberries, cucumbers, melons, and garden truck generally. (Full directions on each package.) Price, pound, 15 cents; 3 pounds, 35 cents; 5 pounds, 50 cents; 12 $\frac{1}{2}$ -pound package, \$1.00; 100-pound keg, \$7.50.

GRAFTING WAX.—Used for grafting trees and other plants. Price, $\frac{1}{4}$ pound, 10 cents; $\frac{1}{2}$ pound, 15 cents; pound, 25 cents.

FLOUR AND FLOWERS OF SULPHUR.—Per pound, 10 cents; 10 pounds, 60 cents; 25 pounds, \$1.25.

LEMON OIL.—The cheapest, safest and most effectual insecticide extant for all purposes. Destroys all insects on the leaves and roots of plants without injury to flower or foliage, leaving no foreign odor. This will be found a capital wash for dogs; it relieves mange, destroys lice and all insects, and gives the coat a beautiful glossy appearance. Half pint, 25 cents; pint, 40 cents; quart, 75 cents.

BLACK LEAF "40."—This is the best insecticide, fungicide and germicide that is manufactured. For house plants, and Lice on either plants or animals, it is unexcelled. As a sheep or hog dip it is almost perfect. Price, $\frac{1}{2}$ pound, 85 cents; 2 $\frac{1}{2}$ pounds, \$3.25. This is mixed with from 15 to 50 parts of water, according to use.

CUT WORM KILLER.—One of the necessities of the market and home garden. Cut Worms do so much damage each year that it amounts to more than a million dollars. 1-lb. Sprinkler-Top boxes, 25 cents; 5-lb. Tin Cans, containing Sprinkler-Top box, \$1.00 each; 25-lb. Drums, containing Sprinkler-Top box, \$4.00 each; 100-lb. Paper-lined Burlap Bags, \$12.00 each.

LEWIS' LICE AND FLY DESTROYER

KILLS LICE ON POULTRY WITHOUT DIPPING OR GREASING

KILLS FLIES ON COWS AND KEEPS THEM OFF ALL DAY

Allows cows to feed in peace and keeps them in good condition, making more money for you.

Guaranteed

Guaranteed by George W. Lewis & Son under the Insecticide Act of 1910. Serial No. 719.

RUBBER HOSE.

Hummer Rubber Hose, 25 and 50 ft. lengths.....10c. per ft.
Tiger Rubber Hose, 25 and 50 ft. lengths.....13c. per ft.
Boston Terrier Rubber Hose, 25 and 50 ft. lengths..14c. per ft.
Dandy Rubber Hose, 25 and 50 ft. lengths.....15c. per ft.

Conkey's Chicken Remedies *Pratt's*

We who have been raised in the country have always had trouble with chickens and chicks. We had a few simple mixtures that we gave to sick chickens, but the number we lost was very great and discouraging. Now, poultry raising has become as much a science, and the study of the chicken and its ailments has become as much a study as any other branch of medicine. We recommend the following remedies as simple and effective

Per Pkge.

Conkey's Healing Salve.....50c
 Conkey's Lice Powder.....10 and 25c
 Conkey's Limber Neck Remedy.....50c
 Conkey's Roup Cure.....50c
 Conkey's Gape Cure.....50c
 Conkey's Lice Killer.....1 qt., 35c

Per Pkge.

Conkey's Lice Killer.....2 qt., 60c
 Conkey's Poultry Tonic.....25c
 Conkey's Laying Tonic.....25c
 Conkey's Cholera Cure.....50c
 Conkey's Chicken-Pox Remedy.....50c
 Conkey's Scaley Leg Remedy.....50c

PRATTS FOODS AND REMEDIES

Poultry Regulator,
 10c, 25c, 50c, 60c and \$1.00
 Poultry Regulator,
 12-lb. Bucket, \$1.25
 Poultry Regulator,
 25-lb. Bucket, \$2.50
 Powdered Lice Killer,
 10c, 25c and 50c

Head Lice Ointment.....10c and 25c
 Liquid Lice Killer.....10c and 25c
 Baby Chick.....25c and 50c

GERMOZONE.—A little Germozone in the drinking water will positively cure and prevent bowel trouble of any kind, except that which is caused by lice, improper food, etc. The cause must be removed if a permanent cure is to be expected. Price, per box, 50 cents.

Dietz Lanterns

Victor Lantern.....\$0.55
 Victor Red Lantern......65
 Victor Dash Lantern......75
 Victor Regulation
 Lantern.....1.00
 Victor Storm King
 Lantern......85
 Duplex Vehicle.....1.00

MOLE TRAP, 65c. EACH.

The Mole causes great loss and annoyance to the growers and market gardeners. One Mole can cause the loss of an entire seed bed in a few hours. One Mole Trap will catch and destroy them. We guarantee them to work satisfactorily.

BOLGIANO'S RUBBER ROOFING.

We have in stock the finest prepared roofing offered by anyone. We are willing to guarantee that for length of service it cannot be surpassed by any roofing of its kind. With a couple of coats of prepared paint it will last a lifetime and will give perfect service during the whole period. Price, 1 Ply, \$1.50 per 100 sq. ft.; 2 Ply, \$1.75 per 100 sq. ft.; 3 Ply, \$2.00 per 100 sq. ft.

TAR PAPER.—At lowest market prices.

Bolgiano's Chicken Foods

Made of Choice Grains—No Grit

**Good
Luck
Scratch
Feed**

Standard Hen Food.

For every day in the year. Made from a variety of sound, sweet grains and seeds (including wheat, corn, barley, kaffir, milo maze, sunflower seeds, etc.), properly balanced to keep hens in perfect physical and laying condition. Thoroughly cleaned so that there is no waste, no burst or shabby grain, NO GRIT OR SHELLS.

Why use only one kind of grain which costs almost as much and does not bring results. A well-fed hen lays eggs and a poorly-fed hen does not. One costs as much to keep as the other, one is a producer, the other a consumer. Which are yours? Hens pay if properly fed.

GOOD LUCK MEAT MEAL.—Our sales amount to something over 50 Tons per year. Why is this? We contend that we give more real value in our Meat Meal than any other firm. It makes chickens lay—it keeps them active and healthy. 1 lb., 5c.; 10 lbs., 40c.; 100 lbs., \$3.00.

**Good Luck
Baby
Chick
Feed**

Saves Little Chicks.

Composed of choice grains and seeds—more than a dozen kinds—carefully selected—perfectly granulated to precisely the right degree for the youngsters, and screened clean of all fine stuff. This makes a perfectly balanced ration for healthy, hearty and rapid chick

development, as well as digestive results. Avoid feeding meal or mash foods or table scraps to young chickens. In using Bolgiano's Baby Chick Feed according to directions, you will never lose a chick from feeding cause. **NO GRIT.**

KAFFIR CORN, CHICK FOOD, PRATT'S POULTRY FOODS, GROUND OYSTER SHELLS, CRUSHED BONE, MICA GRIT.

Incubators and Brooders

Buffalo Incubators and Brooders

have won in the keenest competition to which artificial hatchers and rearers can be put. They are the successful poultrymen's favorite—the equipment they rely on for financial success.

The Buffalo has more friends among all classes of poultrymen than all other makes combined. This is because the fundamental principle of construction is right, and every Incubator and Brooder sold carries success with it.

The nice balance between the heating and ventilating insures a normal atmospheric condition. No other Incubator has quite the same normal hatching qualities as the Buffalo.

The Buffalo Corrugated Leaf Thermostat furnishes the Model Incubators with the simplest and most accurate heat control in existence. There is no worry and sitting up nights with this regulator—strong, sensitive and positive, it is ever on guard, controlling the temperature to the fraction of a degree. This splendid Thermostat can only be obtained in the Buffalo.

No. A Incubator, 60 eggs.....\$9.00	No. 1 Incubator, 175 eggs.....23.00	Portable Hover.....7.00
No. B Incubator, 120 eggs.....12.00	No. 2 Incubator, 275 eggs.....32.00	Colony Outdoor Brooder, Model A.11.50
No. C Incubator, 200 eggs.....19.00	No. 3 Incubator, 410 eggs.....37.00	Colony Outdoor Brooder, Model B.14.60
No. 0 Incubator, 100 eggs.....17.00	No. 4 Incubator, 324 Duck.....43.00	Brooder, D.....13.00

CRACKED BONE FOR POULTRY.—This article is manufactured from fresh, clean bones, and is perfectly pure and sweet. No chemicals whatever are applied to them in the course of manufacture. Should be fed to the poultry daily, like grain or any other feed. An excellent bone and egg producer, keeping the fowls strong on their legs and largely increasing their laying qualities. Especially valuable for young and growing chicks. 5 lbs., 25c.; 10 lbs., 40c.; 100-lb sack, \$3.50.

CRUSHED OYSTER SHELLS.—It aids digestion as well as supplying lime. Experiments have proved that hens supplied with oyster shells lay more eggs. We carry two sizes in stock, No. 2 for grown fowls, and No. 3 for young chicks. 5 lbs., 10c.; 100 lbs., 65c. Special prices in larger quantities.

ALFALFA MEAL.—This is a green feed all the year round. Everyone knows that alfalfa is fast supplanting clover. It is very high in protein, and furnishes the chicks a growing food which, at the same time, has a medicinal value. Its value as a helpful egg food is unquestioned. 5 lbs., 25c.; 50 lbs., \$1.25; per 100-lb. sack, \$2.00.

MICA QUARTZ GRIT (Poultry, Pigeon and Chick Sizes).—Grit is as essential for poultry as food, as without it they cannot digest their food. Few localities furnish enough sharp grit to satisfy them, and if they have been reared on the land for several years, all the suitable grit has been consumed. Poultry will starve to death with full crop for no other reason than they have no teeth with which to grind the food into proper consistency. Grit should be mixed with the food and fed in hoppers or boxes, about one part of grit to fifteen or twenty parts of food. 5 lbs., 15c.; 100-lb. sacks, 75c.

Milburn Farm Wagons

After years of careful observation we are convinced that there is no wagon made that will give the satisfaction that this wagon will. It is the lightest draft of any wagon that is made and the longest lived. It is a pleasure to us to have people come in and say that they have been using a Milburn for five or ten years and that they have been more than satisfied. Our sales have been much greater than our anticipation. Our prices are low and the wagons we guarantee.

OLD HICKORY ONE-HORSE WAGON.—The wagon is made of first-class material and has given our trade complete satisfaction. Capacity, 1500 lbs.

Bolster Springs for Bed Wagons

1000 lbs. Capacity....	\$4.00	3000 lbs. Capacity....	6.50
1500 lbs. Capacity....	5.00	4000 lbs. Capacity....	7.00
2000 lbs. Capacity....	5.75	5000 lbs. Capacity....	9.00
2500 lbs. Capacity....	6.00	6000 lbs. Capacity....	10.00

Bolgiano's No. 28 Double Team Harness

MADE EXTRA HEAVY FOR CONTRACTORS AND HEAVY WORK.

This Harness is fitted with No. 21 Brass Ball Hames, 2-inch Trace with three rows stitching, 5½ ft. long with 2 ft. N. Y. Heel Chain, either solid, or D breeching loop in center; Breeching 2¾ ft., folded with 1½-in. lay. Belly and Back Band. Points doubled and stitched. Price, complete, less Collars, \$34.00.

HARNESS

We have made a specialty of handling a nice line of Harness, that we know will give satisfaction to our trade. Our prices, for quality, we know are right. There can be no doubt that from us you can get more for your money than from any other dealer in Harness. Why? Because we do not handle Harness as a main line; if we only make a few cents off a set we are satisfied. We buy in large lots, direct from the factory, where we get the best goods at lowest prices. Give us a chance. You will be pleased. Prices:

Single Wagon Harness.....	\$15.00 to \$25.00
Double Wagon Harness.....	20.00 to 34.00

BLANKETS

We recommend 5A Horse Blankets because of their strength, warmth, horse protection and their long wear. They are leaders. Prices from 75c. to \$5.00.

Horse Whips, prices..	\$0.10 to \$1.50	Wagons.....	1.00 to 2.00
Storm Covers for		Stable Blankets.....	.75 to .25
Horses.....	2.00 to 3.00	Curry Combs.....	.15 to .20
Storm Covers for		Horse Brushes.....	.25 to 2.50
Wagons.....	1.50 to 10.00	Stable Brooms.....	.40 to .75
Storm Aprons for		Manure Stable Forks..	.40 to 1.00

5A Horse Blankets

20th Century Patent Cork-Faced High-Draft Mule Collar

This is an ALL-LEATHER COLLAR, and will not absorb perspiration and rot out. We guarantee it, if properly fitted, not to make sore shoulders, and cure sore shoulders provided they are kept clean. Price, according to sizes, \$5.00 to \$6.00.

Red Edge Collar Pad	30c
Old Gold	30c
Brown	30c

Ask for price by the dozen.

WE ALSO HANDLE

Tick Lined Collars	\$2.50 to \$2.75
Sweeney Collars	3.00 to 3.25
All Leather Collars	2.50 to 4.50
Plow Harness, complete, per set (less collars)	3.50
Trace Chains, per set	.65
Breast Chains, per set	.40 to .60
Butt Chains, per set	.50 to .65

FLY NETS.

Yellow cord, extra heavy, 5 bars and 50 lashes	\$1.50
Black leather team nets, 5 bars and 50 lashes	2.25
Black leather, extra heavy, 5 bars and long lashes	3.00
Buggy nets, very fine quality, 5 bars and 60 lashes	3.00
Buggy nets, very fine quality, 5 bars and 50 lashes	2.50

HAMES.

No. 21 Concord Hames, very heavily ironed, with hook or clip; brass ball top. Price per pair, \$1.25.

No. 61—Virginia Cart Hames.

Rock elm or ash wood, 1/4-inch stiff-bottom loops, 3/4x1/4 inch steel backs. Three mortise top loops. Heavy wrought steel hooks. Varnished. Polished irons. Size, 19 to 22 inches. Price, 85c; 22 to 24, \$1.25 per pair.

Root Hames.

London Patent, per pair	75c
London Tie	50c

BACK BANDS.

Folded Duck, Elbel's patent hook, 46 and 48 inches long, 5 inches wide. Price, 50c.

Krake's Padded Back Band, 46 inches long, 4 inches wide. Price, 50c.

Single Web Back Band, 25c.

Back Band Webbing, 4 inches wide, per foot, 4c.

A full line of Whips and a general line of Harness accessories always in stock.

STORM HORSE COVERS.

All covers have large hame leathers; line rings riveted on hame leathers; snap and rings at trace; strap and buckles at breast; line pocket at saddle, and can be used for double or single team. Four sizes: 5 feet and 5 feet 4 inches.

Black oiled sheeting, to neck	\$2.00
Black oiled sheeting, to head	2.25
Brown duck, waterproofed, to neck	2.75
Brown duck, waterproofed, to head	3.00

Star Wood Bottom.—A good reliable bag for the money. Price, 25c.

No. 7 Bag; made of 10-ounce duck, metal eyelets; very durable. Price, 60c.

Our No. 10.—Well made of extra heavy duck (no wasting of feed). Price, 85c.

The Williams Patent Side Wire Bag. Price, \$1.00.

Bolgiano's No. 8 Special. This bag is especially well made of 12-ounce duck; has reinforced sides; leather ventilators, and sole leather bottom. Price, 75c.

Special prices in dozen lots.

FARM AND CONTRACTOR'S CART

With 5 and 6 inch tires; also extra heavy Contractors' Carts made specially to order when wanted. These carts are very strong, heavily ironed, nicely painted, striped and varnished.

Size of Axle.	Size of Tire.	Diameter of Wheels.	Price
1 1/2 inches.	3 inches.	4 ft. 10 in.	\$37.50
1 1/2 inches.	4 inches.	4 ft. 10 in.	41.50
2 inches.	3 inches.	4 ft. 10 in.	46.00
2 inches.	4 inches.	4 ft. 10 in.	50.00

Prices Subject to Change Without Notice.

RUBBER BLANKET APRONS.

This is a combination Rain Apron and Blanket Robe. The outside is Melodian Rubber Cloth and the inside is a heavy blanket lining and strictly waterproof.

Oiled Storm Fronts for Buggies	\$1.50
48x56 inches	2.50
Drill Storm Fronts for Wagons, 48x56	1.50

STABLE HALTERS.

Leather, 1 1/4 in., hand made	\$1.50
Leather, 1 1/4 in., machine made	1.00
Leather, 1 1/4 in., machine made	.85
Leather, No. 5 Russet	.75
Leather, No. 5 Russet, with tie	1.15
Web Cotton	.30
Web Cotton, 2d grade	.25
Leather Cow Halter	1.00
Leather Ties	.50
Rope Halters	.10
Rope Hitches	1.10

FEED BAGS.

Star Wood Bottom.—A good, reliable bag for the money. Price, 25c.

No. 7 Bag; made of 10-ounce duck, metal eyelets; very durable. Price, 60c.

"Patent Over-draw."—Well made of heavy duck (no wasting of feed). Price, 90c.

The Williams Patent Side Wire Bag. Price, \$1.00.

No. 8 Special.

This bag is especially well made of 12-ounce duck; has reinforced sides; leather ventilators, and sole leather bottom. Price, 75c.

Special prices in dozen lots.

Ross Feed Cutter

THE ROSS No. 10.—Is the largest size of our Knife-Fly-Wheel-Machine. It is well suited for both hand and power purposes. It is by far the best hand cutter of this style that is made.

A 10-inch pulley is furnished without additional charge. It has two 11½-inch knives, which, together with extra heavy fly wheel, makes it easy running and large capacity.

The entire machine is substantially built, and will do all the work that could be expected of a Cutter of this size. Furnished with an easy knife adjustment, also vibrating rollers to conform to the quantity of material that is put through the machine. It has, like the others, a discharge spout; as will be seen in the illustration. The main bearings are all babitted. Adapted for cutting hay, straw, corn fodder, etc. Capacity on corn fodder when operated by power, 1000 to 1500 pounds per hour. Lengths of cut, ⅜, ¼, ½ and 1 inch.

We have also two sizes smaller than the above, No. 6 and No. 8. Catalogue on application. No. 6, \$16.00; No. 8, \$20.00; No. 10, \$23.00.

NOBBY FEED CUTTER.—Simple, durable, handsome, cheap. It has an 11-inch tempered, curved knife, which can be adjusted to take up the wear, thus giving a perfect shear cut at all times. \$2.50.

CORN SHELLER.—One of the best Hand Shellers ever offered. It has cob separator with sieve. Capacity, 125 bushels per day. Price, \$5.75 and \$6.25.

Cook Your Lime and Sulphur with a BOILER AND FEED COOKER.

Heavy cold-rolled steel furnace; extra large feed door; wrought iron handles, firmly riveted on Kettles, smooth, heavy cast iron. Door, frame and flue collar cast iron. Never buckles or warps from heat; designed to set on ground or brick foundation; especially adapted for cooking feed, rendering lard, making soap, scalding hogs, poultry, etc. Cast iron flues are constructed inside this, retaining heat and economizing fuel.

Also used for lime, sulphur and salt.

COOKER CO. CO.

30 gallon capacity.....	\$9.75
33 gallon capacity.....	10.50
40 gallon capacity.....	11.25
48 gallon capacity.....	13.00
53 gallon capacity.....	14.00

FULLER JOHNSON ENGINES.

We recommend this engine to our trade after 3 years' experience with them. We feel safe in making the assertion that there is no engine today on the market that will give the same

satisfaction at anything near the same price. Don't be deceived by salesmen talking high prices and quality. We offer low prices and best quality in this engine. 1¼ horse-power, \$42.00; 2¼ horse-power, \$62.00; 4 horse-power, \$98.50. Quality and price is with us.

DRY BONE AND SHELL MILLS.

This mill is made for grinding dry bones, shells, grain and many other substances for poultry. It can also be furnished with iron legs if desired.

Price, complete, as shown in cut, \$3.50; with iron legs, \$5.00.

THE CROWN GREEN BONE CUTTER,

Mounted on Iron Legs, \$8.00; not mounted, \$6.25.

THE BANNER ROOT CUTTER

Built in Two Sizes for Both Hand and Power.

Simple in construction. Easy to operate. Has a self-feeder. Separates dirt from cut feed. Cuts with a clean cut. Does not crush, grind or tear the feed.

THE NO. 20—FOR HAND USE

Has a capacity of 30 to 50 bushels per hour. Weight, 120 lbs. Retail price, \$9.50. Special discount for cash.

We have on market Crank Cutter, built with balance wheel, same to be of large capacity, on which we can make very low prices.

THE NO. 16—SMALL POWER CUTTER

With Fly Wheel and Band Wheel.

Supplied with crank also for hand use. Capacity by hand, 30 to 50 bushels per hour. Weight, 150 lbs. Capacity by power 2 to 3 bushels per minute. Our retail price, \$15.50. Special discount for cash.

The Eagle Dump Wagon

THERE IS A REASON

Big users do not buy the EAGLE DUMPER just because it's painted red.

Mac Arthur Bros. Co. & Winston Co. have the contract for building the \$12,000,000 Dam for the New York Water Supply. After sending their expert Wagon Man to different factories, they bought the Eagle. They still believe it the best.

Many of these wagons with Casey & Murray (large road builders and barge canal contractors), Rochester, N. Y.

Wrought Iron Hinges; Wrought Iron Outside, Inside and Underside of Neck; Solid Collar Axles; Tires Shrunken, Rusted between the Spokes, Body held firmly together with 8 Body Rods; No Soft Wood excepting Seat; Easy Draft and Long Wear; Whiffletrees, Neck yoke or Chains, Locking Device, Spreading Device and Wrench with each Wagon.

PRICES

1½ Yard, no brake.....	\$118.00	2 Yard, with brake.....	130.00
1½ Yard, with brake.....	125.00	Brakes.....	8.50
2 Yard, no brake.....	123.00	2 Yard, top sides.....	5.00

IF YOU DO NOT BUY EAGLES WE BOTH LOSE MONEY

Corn King Manure Spreader

As a Labor and Material Saver this is one of the most economical implements used on a farm. Covering every square inch with finely pulverized manure in one-tenth the time required with shovels and forks.

Change to Feed. By means of a very ingenious device, worked by means of a foot lever, the amount of manure can be changed instantly to a greater or less quantity.

Safety End Board. This will not admit of clogging. The Distributor cannot be thrown in gear until the Safety Board is raised.

The Rear Axle. This is of the most importance. In this is used a 2 1-16 inch axle of the best cold drawn steel. This rear axle must sustain its share of the load, besides driving the mechanism of the Beater device.

PRICES

Size AA, capacity 40 bushels.....	\$120.00	extra.....	\$8.00
Size BB, capacity 50 bushels.....	125.00	Wind Brake, or Lime Hood, for windy weather, extra.....	5.00
Size CC, capacity 60 bushels.....	130.00	Whiffletrees, Neck Yoke and Two-Horse Evener, Free	

HAY RAKE. HAY CARRIERS, HAY FORKS

Water Barrel Trucks

Our barrel-cart which can be attached to any of our barrel spray pump and may be found useful in various ways such as, watering gardens, spraying trees, etc.

Water Truck with 1½ tire.....	\$6.00
Water Truck and Barrel.....	9.00
New Barrel.....	3.00

Water Barrel and Truck

Fig. 1562. Made entirely of brass with removal steel disc in the discharge cap. It has swivel adjustment in order that spray may be directed in any desired angle.

The "Mistry"

THE NEW DEERE BALANCE TONGUE WALKING CULTIVATOR

Pipe beam, parallel, 4 shovels, spring trip, and spring lifting device. The tongue is perfectly balanced on the wheels with no support at front or rear. The lifting-spring device is the simplest and the most satisfactory spring that has ever been attached to a walking cultivator. Price, \$20.00.

MILWAUKEE BINDER TWINE.

It is well understood that good binder twine is essential to successful binding. The harvest season lasts only a few days and delays nearly always result in more or less loss. Binder twine that kinks and breaks is not worth hauling home, because it is not only a source of annoyance while harvesting the

grain, but it also delays the work of shocking. When bound with inferior twine the bundles break open when they are pitched to the wagon and stack, and with such bundles it is almost impossible to build a stack that will shed water. Uniform size and strength are the characteristic features of the Milwaukee binder twine. It will not kink and clog the knotter or pull thin and break. The different brands of Milwaukee twine are Sisal, Standard, Manila, and Pure Manila.

Lowest market prices on application.

BOLGIANO'S IMPROVED THREE-ROW MARKET.

Has three chilled shoes, or runners, with steel wings, bolted on, and may be easily replaced when worn. The frame is made of seasoned oak. The runners may be changed by loosening two bolts, to mark furrows 28 to 48 inches apart.

Price, with pole for two horses, \$10.00.

PLANET JR. WHITE POTATO DIGGER.

The most successful Potato Digger on the market. Does better work than many \$100 machines for less than one-fifth the cost.

MANILA, SISAL AND COTTON ROPE.

Always on hand the best Manila, Sisal and Cotton Rope, in coils or by the piece, at prices consistent with quality. Prices on application.

PLANET JR. DOUBLE AND SINGLE CELERY HILLERS

Are greatly strengthened for 1914. The leaf lifters are adjustable in height by bending slightly, and are especially valuable for first workings. With their aid some of our best and largest growers hill their celery *without any "handling."* We equip both with lever expanders and leaf lifters. The double hiller only is fitted with lever wheel. The hilling blades are 43 inches long, adjustable in width or height as wanted; the double machine works rows up to four feet apart. The single works all widths, and where market gardeners plant close and first bleach every other row, it is "just the thing." Before hilling, the soil should be thoroughly loosened with a horse hoe. Supplied only with cast wheel.

Price, Single, \$13.00.
Packed weight, 68 lbs.

Price, Double, \$16.00.
Packed weight 87 lbs.

This is the most popular Land Roller on the market. This implement was thoroughly tested, and its construction was so perfect that it was a success from the start.

Frames and Hangers. Heavy, stiff angles are used on the sides and ends, to which the steel hangers are securely bolted, and the frame is so arranged that it will carry sufficient weight to suit the requirements.

Price, 2 sections, \$24.00.

Price, one horse, \$21.00.

Disc Harrow

DISC HARROWS.—The time is long past when a farmer or market gardener can do without a Disc Harrow. When your ground is weedy and lumpy, then is the time when you need and want a Disc Harrow. No machine can get your ground in as good order as this one so quickly. Our Disc Harrows are strong, yet not too heavy; easy on horse and man; saves labor—that means saves money; does the work better than it is possible to do it with a plow and any other harrow—that again means time and labor. Eight 16-in. disc, \$20.00; 10 16-in. disc, \$21.00; 12 16-in. disc, \$24.00. We can furnish 20-in. disc if wanted.

Syracuse Disc Harrow—Price, 9 disc, \$26.00; 10 disc, \$27.00.

"U" Bar Lever Steel Harrow

So Arranged the Teeth Cannot Track.

This Harrow has a frame of steel bars of "U" shaped steel well braced and securely fastened at each end to the frame. This gives the Harrow a double advantage, strength and rigidity, and a guard against catching into trees and stumps. The teeth are of diamond-shape steel. The runners are formed by the curved tooth extension, which are placed so that the Harrow will free itself from trash better and will carry the Harrow more even distance from the ground than any other Harrow on the market. The teeth are held firmly by a welded eye steel bolt through the clip malleable to roller bar, also the end teeth on the roller bars, which locks and holds the frame firmly together. The teeth can be set to any pitch or cut desired. Price, 25-tooth, \$6.00; 50-tooth, \$11.50.

Wood Frame Scotch Harrows

These Harrows are made in three sizes.

25-tooth, one horse.....	\$5.00
30-tooth, one horse.....	6.00
42-tooth, two horse.....	8.50

The one-horse sizes are in one section and equipped with steel runners, which enables one to transport the Harrow from one field to the other without tearing up the grass. The 40-tooth is made in two sections, and can be folded. They also have steel runners for transporting from place to place.

Syracuse Spring Tooth Harrows

25-tooth.....	\$5.00
30-tooth.....	6.25
40-tooth.....	8.50

SPRING-TOOTH HARROWS.—A necessity on all farms. We cannot recommend the Syracuse goods too highly. We feel that in getting the line of Syracuse goods we have added to our already nearly complete line very greatly. Price, 15-tooth, \$14.00; 17-tooth, \$15.50; 19-tooth, \$17.00.

Pumps—Wood Pumps

We sell the Buckeye, which is conceded to be the best on the market. Made of cucumber wood, and not poplar, as many of the so-called cucumber wood pumps are made. All Pumps porcelain lined.

Depth of Well.	Size of Hood.	
	6x6 in.	7x7 in.
10 feet.....	\$5.50	\$6.75
12 feet.....	5.75	7.00
15 feet.....	6.00	7.25
16 feet.....	6.50	7.50
18 feet.....	6.75	8.00
20 feet.....	7.00	8.25
23 feet.....	7.50	9.00
25 feet.....		9.50
28 feet.....		10.50
30 feet.....		11.50
43 feet.....		12.50
35 feet.....		13.00
40 feet.....		14.75
45 feet.....		16.50
50 feet.....		18.00

TUBING AND MISCELLANEOUS PUMP PARTS.

4x4 inches, 12 feet long and under, per foot, 12c.

4x4 inches, 12 feet long or over, per foot, 13c.

6x6 inches, extension tubing, per foot, 35c.

6x6 inches, 3 feet long, porcelain lined, \$2.80.

6x6 inches, coupling and bands for 4x4-inch tubing, 35c.

Buckets, 4 inch, each, 60c.

Buckets, 3½ inch, each, 50c.

Handles, any size, 25c.

Handle links, each, 20c.

Check valves, each, 10c.

Iron spouts, each, 30c.

Splice straps, per pair, 20c.

Sucker rod, per foot, 3c.

Handle brackets, each, 30c.

De Laval Cream Separators

Over 1,500,000
De Laval Separators
Now in Use

See and Try a
De Laval Before
Buying a Separator

Any Separator
That Wastes Cream
is Expensive

A De Laval will not

PRICES

No. 4 Without Stand	\$35.00	No. 17 With Iron Stand	\$110.00
" 4 With Iron Stand	40.00	" 19 " " " "	100.00
" 5 " " " "	50.00	" 20 " " " "	125.00
" 10 " " " "	65.00	" 22 " " " "	160.00
" 12 " " " "	75.00	" 25 " " " "	175.00
" 15 " " " "	90.00		

Steel Wire Fencing

Cut Showing Design 845

A Standard farm fencing
suitable for all purposes.
We carry an enormous
stock of all kind and sizes.
Write for prices and cata-
logue of fencing.

Lawn Fence

Brown Lawn Fence
and Walk Gates are made
of various designs. This
fence will help you to
make a very pretty lawn.
Prices range from 5c to
10c per running foot.

Poultry Fence

Our poultry fence is of
different heights from 3
to 6 feet. Meshes vary
from 1 1/4 inches at bottom
to 4, 5 and 6 inches at
top, making a very fine
fence for chickens of all
sizes. We are in a posi-
tion to name lowest prices
on all kinds of fencing.

Poultry Fence

12 in. high, 2 in. mesh . . .	\$0.60 per roll.
18 in. high, 2 in. mesh . . .	.70 per roll.
24 in. high, 2 in. mesh . . .	1.20 per roll.
36 in. high, 2 in. mesh . . .	1.80 per roll.
48 in. high, 2 in. mesh . . .	2.40 per roll.
60 in. high, 2 in. mesh . . .	3.00 per roll.
72 in. high, 2 in. mesh . . .	3.60 per roll.

Brown Lawn Fence

Brown Walk Gate

WIZARD
TRADE BRAND MANURE

GIVE YOUR SOIL WHAT IT NEEDS TO MAKE THINGS GROW.

Use a fertilizer that combines natural humus and organic matter with natural plant food. One that actually makes available and useful a great amount of fertility lying dormant and inactive in the soil.

PULVERIZED SHEEP MANURE AND SHREDDED CATTLE MANURE is a particularly efficient material for making up the compost supply. It is used in this way by many florists who have limited space and who cannot mix their compost in the old way. It acts quickly, has a better effect on the soil, and is much more easily handled. Wizard Brand is just this kind of a fertilizer. It's all natural plant food and humus that makes better soil and better crops. No matter what you grow—fruit, vegetables and grains, or just flowers

and grass about the home, Wizard Brand Sheep Manure "Makes Nature Hustle," and builds up your soil at the same time.

Wizard Brand is the richest Sheep Manure from Western feeding stations where millions of Sheep are grain fed for market. By special drying, screening and grinding process every weed seed is destroyed and this rich manure is concentrated into Nature's Best Fertilizer.

Mention "Garden Almanac," and we will send valuable booklet with prices on any quantity you may need from a bag to a carload, with best freight rates and full information. Send postal today.

HYDRATE LIME

is one of the essential elements that becomes necessary for plant life. It sweetens the soil, makes worn-out lawns fertile and adds greatly to crop production. Anyone having a lawn, it is almost absolutely necessary, for lawns often play out because the soil becomes acid; and grass will not grow on acid soil. 100-lb. bags, 75c.

Mehler's Handy Gardener

**Hoe, Rake, Weeder
& Cultivator In One**

Works with Ease—Saves the Knees

An entirely distinct tool $5\frac{1}{2}$ in. wide with a special handle $4\frac{1}{2}$ ft. long; entire weight 2 lbs.

Note the special arrangement of the 5 teeth, which allows cultivation closer to the plant than any other device, and at the same time on three sides at one stroke, you being in a comfortable standing position.

young vegetable plants. Send for descriptive circular. Price, 85c.

SULPHATE OF IRON.

A remedy for weeds on lawns for which it is claimed that it will kill dandelions without injuring the grass. To be successful, liquid should be applied with a fine spray. The lawn should be thoroughly watered and spraying should be done on bright sunny day. 5 lbs., 25c.; 10 lbs., 40c.; 25 lbs., 75c.

NORCROSS CULTIVATOR.

The Norcross is an adjustable garden cultivator of 5 blades. A very handy garden tool. By removing the center tooth you can straddle the rows. The teeth can be made to set close or wide apart. Can be detached from handle and attached to any wheel hoe. Price, 75c.

Six-In-One Exerciser Feeder

This Exerciser Feeder is just what its name implies. It is a large hopper supported on four strong iron legs and devised to hold all the food necessary for poultry. The center hopper holds the mixed grain food, which is generally composed of cracked corn, wheat, Kaffir corn, buckwheat, barley, oats, etc., and is so constructed that a little agitator, which contains whole corn as bait, can be worked by the fowls so that it will scatter broadcast a small amount each time of the dry grain mixture. It gives the hens the necessary exercise hunting for the grains, so that it is impossible to overfeed. Surrounding this center hopper are six compartments, made to contain dry mash, beef scrap, grit, charcoal, oyster shells, etc. All are easily accessible for the fowls, and the machine is so constructed that none of the food can be wasted. The cover of the hopper is conical shaped, so that the fowls cannot roost on it. This Exerciser Feeder has every advantage that can be found in an Exerciser of other makes. It eliminates all other feeding devices. Price: 40 quart, \$4.75; 20 quart, \$3.75.

The above machine is fast being recognized by chicken growers as a necessity. Consider that when food cost $2\frac{1}{2}$ cents per lb., and you save 25 per cent. You save at least 15 cents per dozen on the cost to produce eggs.

Fertilizers For the Farm, Lawn and Garden

HIGH-GRADE ANIMAL FERTILIZERS.

Don't be misled by persons dishonestly adopting the same name for Fertilizers as sold by us and giving cheaper grade of goods. A man who does one dishonest act will do another—look at the guaranteed analysis and see that you are getting what you pay for. Names don't make the goods.

The importance of a productive soil can scarcely be estimated. If the whole people prosper for any considerable time, agriculture, the very foundation of material prosperity, must be carried on at a profit. Profitable crops cannot be grown on a thin, poor soil. If the land is not fertile, it must be made so by fertilizing, or the farmer may be forced to abandon

it. It is not enough that the farmer gets any pay for his labor and a profit besides if he is thereby impoverishing his farm. He must so farm that he not only gets pay for his labor, but at the same time maintain or increase the fertility of his farm. This can be done if the farmer but understands thoroughly the principles of soil fertility and puts his knowledge into practice.

HIGH-GRADE POTATO.—We are of the opinion that there are no goods sold that will produce as many large marketable potatoes as this; besides, it will make the potatoes white and mealy. Potato growers should not risk a crop without using these high-grade goods. Analysis: 2 per cent. Ammonia, 8 per cent. Phosphoric Acid and 10 per cent. Sulphate (actual) Potash.

TEN PER CENT. TRUCKEE.—It has given our trade the greatest satisfaction. It is principally used for very early crops, and has more than paid for itself in the advanced prices received for early vegetables. As a tobacco bed fertilizer it is excellent. Analysis: 10 per cent. Ammonia, 5 per cent. Phosphoric Acid, 3 per cent. Potash.

SEVEN PER CENT. TRUCKEE.—Is all right, because every user says so, and one of the best evidences aside from this is that our sales show increase year by year. We recommend this Fertilizer to all who look forward to early and good crops. Analysis: 7 per cent. Ammonia, 6 per cent. Phosphoric Acid, 5 per cent. Potash.

GENERAL 2-8-2.—A Fertilizer for general uses, that's what its name implies. The demand has been large for just such a Fertilizer. We recommend this grade for most crops. Analysis: 2 per cent. Ammonia, 8 per cent. Phosphoric Acid, 2 per cent. Potash.

PURE RAW BONE MEAL.—At the outset we say the bone you should buy and use is Armour's, because it is pure, finely ground and of first quality. There is no bone on the market today that will compare with it; and if you will give it a trial on your land, we confidently believe you will agree in what we say. Analysis: 4 to 5 per cent. Ammonia, 24 per cent. Phosphoric Acid, 40 to 45 per cent. Bone Phosphate.

BOLGIANO'S TRUCKERS' SPECIAL.—This goods we have been selling for several years, and our trade has grown on it most wonderfully. We recommend it as a general crop Fertilizer. This is made from Animal Tankage and Potash. Those who have used it swear by it.

C. C. C. SPECIAL POTATO FERTILIZER.—Persons desiring a first-class, high-grade Potato, Bean and Pea Fertilizer cannot go wrong in the use of these goods. We recommend it; experience is the best teacher, and has taught us that this will do all we claim for it. Analysis: 2½ per cent. Ammonia, 8 per cent. Phosphoric Acid, 6 per cent. Potash Sulphate (actual).

FINE GROUND DRIED FISH.—This Fertilizing material is largely used in mixing Fertilizers. It contains a large percentage of Ammonia, and is quick in action.

FINE GROUND DRIED TANKAGE.—Is used largely as a base in all Animal Fertilizers, and gives quick and fine results. Contains large percentage of Ammonia and Phosphoric Acid.

AMMONIATED BONE.—This is used largely by the best Truckers for general crops. Analysis: 2 per cent. Ammonia, 9 per cent. Phosphoric Acid, 2 per cent. Potash.

BOLGIANO'S POTATO FERTILIZER.—After careful study and testing we have formed a mixture of Fertilizer ingredients that have proven to give most excellent results in the growth of potatoes. Analysis: 3 per cent. Ammonia, 8 per cent. Phosphoric Acid, 5 per cent. Sulphate of Potash.

Fertilizing Chemicals

A great many first-class Gardeners and Farmers have come to see the advantage of the use of chemicals on their grounds and in building up their soils. We have for a number of years made this a special feature of our business, and are prepared to furnish any of the leading sorts in quantity—in original imported packages with guaranteed analysis.

NITRATE OF SODA.—For very early vegetables, and giving an early start to grass or grain there is nothing equal to it. Being almost pure Nitrogen, it does its work quickly and certainly.

SULPHATE AND MURIATE OF POTASH.—All soils after being in cultivation for some years need Potash in some form. It gives strength and vitality to plant life, and gives body, and the dark green color indicates the necessary health to good crops.

KALINIT IS A POTASH SALT, and is largely used in mixed Fertilizers, and also for top dressing of Asparagus, where a Potash Salt is required.

SOUTH CAROLINA ROCK is used for the Phosphoric Acid that it contains, and is valuable in mixing with other goods.

BON ARBOR FERTILIZER—Soluble Plant Life.—Nitrogen, 16 to 18 per cent.; Phosphoric Acid, 6 to 7 per cent.; Potash, 4 to 5 per cent. For house, garden and greenhouse plants, it has no equal as a stimulant and plant starter. Price, ½ lb., 20c.; 1 lb., 30c.; 5 lbs., \$1.25; 100 lbs., \$20.00.

Spray Pumps

GOULD'S "POMONA" SPRAY PUMP

With Agitator. All Working Parts Bronze.—No leather packing. Valves are brass; easily accessible; wing guided on leveled seats, ground to fit. Air chamber steel. Lever long and powerful, with adjustable stroke, 3, 4 or 5-in. Solid brass plunger, machine-turned, fitting gland accurately. Pump is held securely by adjustable clamp plate, made to fit either end or side of barrel, and by a small anchor located at bottom of barrel. The mechanical agitator is operated by stroke of the handle. Directions sent with each pump.

GOULD'S "FRUITALL" SPRAY PUMP

With Agitator. All Working Parts Bronze.—"Fruitall" Spray Pump is made on the same general lines as our famous "Pomona." It is, however, lighter and of smaller capacity. All working parts, including plunger, gland, valves, valve seats and strainer, are of bronze. Regularly fitted with wing agitator, similar to one used on "Pomona," and which has proven to be the best type. Pump is held in barrel by anchor at bottom and adjustable clamp at top, fitting over end of stave. Not made for side of barrel. We will supply barrel and mount pump in the same for \$2.00 net extra.

Pomona Spray Pump

Gould's
Brass
Bucket
Pump

Equipment,
etc., with
3 feet
¾-inch,
discharge
hose and
"Seneca"
Spray
Nozzle.

Price, \$3.75

Pomona Spray Pumps, without hose, nozzle or barrel	\$12.50
Pomona Spray Pumps, complete with hose, barrel and nozzles	18.00
Fruitall Spray Pumps, without hose, barrel or nozzles	10.00
Fruitall Spray Pumps, complete with hose, barrel and nozzles	13.50

THE AUTO SPRAY.

Eight to ten strokes of the plunger in air chamber will compress enough air to discharge the entire contents and make a continuous spray for nine minutes. The "Auto Spray" has been improved by the addition of the "Auto Pop," shown in illustration. Briefly described the "Auto Pop" is an automatic valve which is closed by the air pressure used to operate the "Auto Spray." In operation a lever is moved by simply closing the hand, thus opening the valve and allowing an instantaneous discharge of spray. Price, galvanized iron reservoir, \$4.50; with Auto Pop, \$5.25; solid brass reservoir, \$6.75; with Auto Pop, \$7.25. Extension rods, 2-foot lengths, 45c.

PATENTED.

Every one who raises chickens knows how important it is to keep out vermin. Use a spray and the work is done. The illustration is of a spray that will do the work well and cheap. Price, 35c. and 50c.

Spray for Insects

HORSE POWER COMPRESSED AIR SPRAYER (NO. 14 "B")

Combined Horse and Hand Power Sprayer, especially designed for spraying potatoes, beans and other field crops.

Double Acting Pump, which develops a very high pressure, and insures a good vapor spray that will supply four or more nozzles evenly. The Pump can be operated by hand without the operator leaving the seat. All working parts of the pump are brass. All valves are exposed. The power is generated from the axle by a chain drive, which insures constant and high pressure. The agitator is constant and works automatically. The barrel holds about fifty gallons of solution. The air chamber is large and the frame is made of good material. The wheels are of steel. All our machines are built uniform from Jigs. The machine can be adjusted to any width of row as ordered. The

machine is simply constructed, and there are no complicated parts to get out of order or cause trouble. All machines are tested before shipment and guaranteed to do good work. Every machine is furnished complete with a four-row potato or field attachment (which can be folded to go through narrow passages, and be raised or lowered as desired), but a vineyard or orchard attachment can be ordered. Every machine is supplied with a Pressure Gauge, strainer, wrench and oiler. In ordering give width of potato rows. Our Special Price, complete, \$60.00.

Kerosene Emulsion.—One of the best insecticides for all soft bodied sucking insects feeding openly so as to be within reach of actual contact, such as plant lice, fleas, beetles, aphids, green fly, mealy bug; also for insects of fruit trees, including San Jose Scale. Per quart, can, 25c.; 1 gallon, 75c.; 5 gallon can, \$2.50; 10 gallons, \$3.00.

Arsenate of Lead.—1lb., 25c.; 2lbs., 40c.; 5 lbs., 80c.; 10 lbs., \$1.50; 100 lbs., \$7.50.

Bordeaux Mixture.—This is prepared in paste form. 1 lb., 25c.; 5 lbs., 75c.; 10 lbs., \$1.25. Barrel lots special prices.

Velvet Lawn Seeder \$10.00

Lawn Seeder

Asparagus Buncher

Price\$1.50

Steel Hoes

Sizes 6, 6½, 7, 7½, 8.

Solid shank..... 35c.
 Solid socket..... 40c.
 Malleable iron socket, steel blade.
 Price 25c.
 Planters' Hoe, heavy handle, large eye,
 suitable for stiff ground. Price..... 40c.

Iron and Steel Garden Rakes

12-tooth, Malleable Iron Bent Tooth..... 25c.
 14-tooth, Malleable Iron Bent Tooth..... 35c.
 14-tooth, Steel Bent..... 45c.
 16-tooth, Steel Bow..... 60c.
 16-tooth, Steel Electric..... 40c.

Shovels, Long Handles

Jackson, Round Point..... \$.85
 Ames, Round Point..... 1.00
 Ames, Square Point..... 1.00

Patent..... 65c. 2 Rings..... 75c.
 Snythe Stones

Darby Creek..... 10c.
 English Round..... 12c.
 Tolaree..... 15c.

Norcross Cultivator
Price, 75c.

No. 1. Buch's large size..... \$4.00
 2. Buch's medium size..... 3.25
 3. Kilburn Jacob's medium size..... 2.75
 4. Kilburn Jacob's large size..... 3.50
 5. Wooden Tray..... 1.75
 75. Syracuse Morten..... 4.25
 2. Syracuse Barrow..... 3.50
 75a. Syracuse Cold Steel..... 4.25
 Rex Steel Tray..... 3.00

Mattocks, Heavy Steel

Red Chief Steel..... 50c.
 Chipaway Steel..... 75c.
 Handles Extra..... 15c.

Brush Axes

All guaranteed.

Chipaway..... \$1.00
 Beatty..... .75

Push Carts

No. 0. Lansing..... \$8.00
 1. Lansing..... 7.00
 2. Lansing..... 6.50
 12. Monitor..... 7.50
 23. Monitor..... 9.00
 132. Merrimac..... 7.50
 143. Merrimac..... 7.25
 243. Merrimac..... 7.00

Spades

Kohlers, "D" Handle..... \$.50
 Marvel, "D" Handle..... .75
 Ames, "D" Handle..... 1.00

Spades, Long Handle

Challenge, Crucible Steel..... \$1.00
 Maynard..... 1.25

Spading Forks

Continental, "D" Handle..... \$.85
 Herkimer, "D" Handle..... .75
 Herkimer, Long Handle..... .75
 Keen Kutter, Ladies' size "D" Handle..... .60
 Keen Kutter, Extra Heavy "D"..... 1.25

Steel Plow and Wagon Double Trees

No. 2. Farm Wagon..... \$3.75
 3. Dumping Wagon..... 4.25

Fuller and Johnson Pumping Engine, Price \$58.00

Scythes

Waldron, 36 in..... \$1.25
 English, 36 in..... 1.00
 German, 36 in., Hand Tempered..... 1.00
 Gift Edge, 26 in..... .75
 Champion Bush, 28 in..... .75

Sickles

German No. 2..... 25c.
 German No. 3..... 30c.
 Clarks Solid Back No. 2..... 35c.
 Clarks Solid Back No. 3..... 40c.
 Crescent Adjustable..... 40c.
 Village Blacksmith..... 50c.

Pruning Shears

Malleable Handle, Steel Plate..... 25c.
 Malleable Handle, Steel Plate..... 25c.
 9 in. California Pattern..... 55c.
 9 in. Cal. Pattern Steel Polished..... 60c.
 No. 4667—9 in. Cal. Ratchet Nut..... 75c.
 No. 17—6 in. Ladies' Nickeled..... 85c.

Gardener's Transplanting Trowels

Strong, Ladies'..... 5c.
 Malleable Shank..... 20c.
 Forged Steel..... 25c.
 Heavy Forged..... 30c.
 English Steel..... 40c.

Transplanting Trowels

6-inch Forged Steel..... 15c.
 8-inch Forged Steel..... 25c.
 A. Hoe Trowel..... 35c.

Lawn and Garden Rakes

Eureka, strong and durable..... 25c.
 Eureka, with extra long handle..... 35c.
 Norcross Hand Weeder..... 35c.
 Garden Mattock..... 50c.

The Olsen Lawn Rake

The teeth are so constructed that when driven into the head they will never shrink from place and cannot fall out. 50c.

Plow Sets

No. 0. Plow Set, complete..... \$2.20
 1. Plow Set, complete..... 2.35
 2. Plow Set, complete..... 3.00
 3. Plow Set, complete..... 3.00

Coldwell's Improved Horse Mowers

Are fitted up throughout with the best of steel shafting, composition bushings or bearings, polished oak foot boards. Loring Coe's Knives, etc., and the workmanship is acknowledged by the trade in general to be the best of any lawn mower made in America.

These mowers have been adopted for use by the United States Government at Washington and by the New York City Park Board after competitive exhibitions of work done and durability. Each and every one of the machines is guaranteed to give entire satisfaction to the purchaser.

25-in., with Whiffletree (no seat or shafts), (4 blades).....\$40.00

30-in., complete with seat and shafts (4 blades)..... 65.00

35-in., complete with seat and shafts (4 blades)..... 78.00

40-in., complete with seat and shafts (4 blades)..... 98.00

(Add \$10.00 to above prices for 6-blade mowers.)

HORSE ROOTS, per set of 4.....\$12.00

Lawn Rollers

Too much importance cannot be placed in the use of ROLLERS ON LAWNS. In the spring after the winter has spued up the grass and made the lawn uneven, by rolling you press the roots again into the soil and give them a better chance to take hold and prevent the grass from dying out in spots. The Golf Clubs, the world over, use a roller on their greens from early spring to late fall.

No.	Diam. Inches	Length Inches	Sections	Face Inches	Weight Pounds	Price
LR401.....	15	16	2	8	150	\$7.00
LR402.....	15	24	3	8	200	9.00
LR403.....	20	16	2	8	225	10.00
LR404.....	20	20	2	10	250	11.25
LR407.....	20	24	2	12	300	13.00

Coldwell's Suburban Lawn Mower

Ball Bearing.

This lawn mower is made to meet the demand for a first-class ball-bearing machine which can be purchased at a price within the reach of all. It is made throughout of best grade material, and the workmanship is unsurpassed. The driving wheels are 8 inches in diameter and the revolving cutter has four blades, which insure fineness and evenness of cut. It has sliding pawl ratchets and the adjustment of both bearings and bottom knife are the simplest and most effective ever made. One screw only is required to adjust the bearings, by means of which all looseness in the cutter bearings can be taken up.

14 - 7.00
15 - 7.50

Coldwell's Imperial

Easiest Running Lawn Mower Made.

THE IMPERIAL is one of our best Mowers, the principal feature being that the knife bar is securely bolted to the sides, thus insuring a perfectly rigid frame. The knives are adjusted by means of our patent hanger, and a locking screw holds them securely in place. This hanger is so constructed that all wear can be taken up in the bearings. The triple pawl ratchet is the simplest and most durable on the market. The gears will outwear those of any other Mower, as they are stationary when the Mower is being run backwards.

This is the only Lawn Mower on the market specially constructed for mowing terraces. It can also be sharpened in a few minutes without removing any of its parts.

PRICES—High Wheel, 4 Blade.

14-inch, \$7.00. 16-inch, \$8.75. 18-inch, \$10.00.

Coldwell's Regal Mower

There has been a demand for a five-knife Lawn Mower, one that will leave the lawn perfectly smooth and even. In this machine we have one.

16-inch, \$9.75.

18-inch, \$10.75.

The Cadet Lawn Mower

This is a good Lawn Mower to sell at a medium low price, and give the purchaser full value for his money. It has brass bushings and the same ratchets and adjustments that are used on many of the high-grade Mowers. The gears are fine cut, and it is in every respect what is needed at the present time, viz.: a mower that will do good service and at a cost but little higher than the poor trash that is put out so freely.

PRICES.

12-inch, \$2.50.

14-inch, \$2.75.

16-inch, \$3.00.

18-inch, \$3.50.

1009 B Street
Northwest

Name (Please prefix
Mr., Mrs. or Miss)

Street, P.O. Box or
Rural Delivery

Post Office

Express Office (If different from P.O.)

County _____ State _____

Amount Enclosed State whether P. O. Order, Express Money Order, Draft, Postage stamps or cash. \$

We give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs or plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned and the money that has been paid for same will be returned.

F. W. BOLGIANO & CO.

REMITTANCES are always safe when sent by Registered Letter, Post Office Money Order, or Express Money Order, or Bank Draft. Small amounts can be sent in postage stamps, folding same in brown wrapping paper to prevent sticking.

SEEDS AND BULBS BY EXPRESS to all points at a rate of twenty per cent. less than usual rates. Freight rates are very low owing to our central location.

[illegible]

F. W. Bolgiano & Co.
1009 B Street N. W.
Washington D. C.

SEEDSMEN

Bolgiano's Lawn Grass

Seeds For All Places

Capitol Park Lawn Grass Seed.

This Grass Seed has helped make Washington the beautiful city that it is. Planted in front of the New District Building in 1909, our seeds produced a lawn in 28 days from day of planting the seed. 1 Pound 25c; 5 Pounds, \$1.00, 25 Pounds, \$4.50.

Bolgiano's & Company's Shady Nook Lawn Grass

Deep
Velvet
Green
Color
in
Shady
Places
It
Never
Fails to
Give
Satis-
faction

Package
10c.

One
Pound
25c.

25
Pounds
\$4.50.

THE ONLY GRASS SEED THAT WILL GROW IN SHADY PLACES. More than 20 years of unremitting toil has been rewarded with a success in the SHADY NOOK LAWN GRASS SEED. Time and again we thought we had, but only to realize that failure was our portion. Now we guarantee that our SHADY NOOK will give that FINE VELVET CARPET OF GRASS that we so much enjoy seeing. The SHADY SIDE of the STREET and under the OLD OAK TREE, in fact, everywhere that the sun does not strike more than a few minutes each day, those are the places that we want to make pretty for you.