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GOOD THINGS GARDEN

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JAMES KING
170 LAKE STREET,
CHICAGO.

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1889
J. B. KING

To My Patrons, Old and New.

CHICAGO, January 1, 1889.

It is with a certain amount of satisfaction that I present this new and enlarged catalogue for the inspection of my friends and patrons. I ask your careful perusal of its pages, confident that you will find there many good things worthy of a trial. While I have endeavored to make it attractive, I have not lost sight of the fact that to be of real value it must also be reliable. With this object in view I have studied quality rather than quantity, and have carefully weeded out all worthless and doubtful varieties. And in the future, as in the past, I shall try to merit your confidence by the exercise of constant care and watchfulness in selecting seeds of undoubted purity and excellence.

Where Our Seeds Come From.

To the oft repeated question as to where my seeds come from, I would answer that I grow some myself, but the bulk of my stock is procured from specialists in various parts of this country and Europe, whose suitable climate and long experience have secured the highest results in those seeds that are particularly adapted to each locality. But few varieties can be grown in any one soil or climate. Hence, if a dealer claims to personally grow all his stock, I would purchase elsewhere.

About Warranting Seeds.

Good crops, though depending largely on the quality of the seed, are influenced by the soil, and its preparation, by fertility, insects, drought and flood, and also by the skill and care exercised by the gardener. A great many complaints received by seedsmen generally, are directly attributable to the neglect or want of experience of the cultivator.

Considering the above, it will be readily seen that it is impossible for any seedsmen to guarantee the product.

While exercising the greatest care to have all seeds strictly pure and of the highest germinating power, it must be distinctly understood that I am not responsible for any failure or loss of crop from same.

During the rush of our busy season, errors may sometimes occur. The utmost care is taken to fill all orders accurately, always doing a little more for our customers than is usually required. When errors occur, please notify at once and I will make everything satisfactory.

Seeds By Mail.

Owing to the new postal regulations we are enabled this season to send all seeds in *Packets, Ounces* and $\frac{1}{4}$ *Pounds*, prepaid to your post-office, at the catalogue prices, except Peas, Beans and Corn by the quart or pint, to which add 15 cts. per quart on Peas and Beans, and 10 cts. per quart on all Corn. These rates do not apply to the Special Market Gardeners' Price List, pages 47 and 48, which are sent at the expense of purchaser.

If you have anything that is strictly new in the Vegetable or Flower family, let me hear from you.

Forwarding. Every order is executed at once on its receipt, or a reason given why it has not been sent, so that parties ordering may know that, if goods are not received in proper time, it is almost certain that the order has not been received by us.

Remittances should be by Money Order, Bank Draft, Express Order or Registered Letters.

Address all orders and remittances,

JAMES KING,

170 LAKE ST., CHICAGO, ILL.

LOOK AT THIS!!

7 Novelties in Vegetables for Every one a Standard Variety. Sent postpaid on receipt of price. **25c**

Edmund's Beet.—An early variety, deep red in color and perfect form.

Cucumber, Giant Pera.—The finest cucumber ever introduced, smooth and straight, crisp, tender and brittle.

Lettuce, Deacon.—For early and summer use; forms large solid heads; crisp and tender.

Muskmelon, Bird.—Thick flesh, light green in color, grown to weigh 22 lbs., early and a good keeper.

Watermelon, Stokes Extra Early.—The earliest of all, flesh deep scarlet; remarkably solid, delicious flavor; seed very small.

Onion, Brown St. Laurent.—A new French variety, beautiful form and color. Good keeper.

Pumpkin, Potition.—The largest of all pumpkins, of excellent quality, 3 feet or more in diameter; weighs from 100 to 200 lbs.

—We want you to try our seeds and make you this liberal offer to enable you to do so.

New Golden Andalusia Wax Bean.

NEW GOLDEN ANDALUSIA BEAN

A SINGLE PICKING
FROM
ONE VINE

1/2 BUSHEL

In introducing this new bean, we believe we have the *most valuable pole variety ever offered*. It originated at Andalusia, Bucks Co., Pa., with a celebrated bean grower. Our illustration, made from nature, gives some idea of their *wonderful productiveness*, it being nothing unusual to pick over $\frac{1}{2}$ bushel from a single vine at one picking. The pods are broad, thick, very fleshy and *entirely stringless*, far surpassing all other varieties in this respect, and retaining these important qualities until almost ripe. The pods, when fully grown, are 5 to 6 inches long, exceedingly rich, buttery and fine flavored when cooked. The vines cling well to the poles, a very important feature, as on account of their enormous productiveness, the weight of a vine filled with such a mass of large pods is very great. They commence bearing their magnificent pods in great abundance when the vines are quite young, and continue to bear profusely the entire season. The beans, when dry, are round as a bullet, pure white in color, and also make a fine shell or winter bean. In *great productiveness, fine quality and everbearing character* they stand unequalled by any other bean in the world. The stock of seed this season is so small that we can only offer it in sealed packages. We are sure, however, all who try it will return for seed next season, when we hope to be able to offer it in quantity. Prices for 1889: Packet, 15c; 4 packets, 50c.

The Sibley Squash.

This new squash has met a very favorable reception the past season. It is a decided acquisition. The form is entirely new, having the stem at the swelled end. The flesh is solid and thick, a vivid, brilliant orange in color, and is possessed of rare edible qualities, being dry, and it has a rich, delicate flavor peculiarly its own. The squashes range in weight from eight to eleven pounds. Its keeping qualities are excellent. Packet, 10c; ounce, 20c; $\frac{1}{4}$ lb., 60c; 1 lb., \$2.00.

OSAGE MELON.

the melons are thoroughly ripe. It grows from eighteen inches to two feet in length, and is very prolific. When ripe it reminds one of a large, overgrown banana, and, what is a singular coincidence, it smells like one, having a remarkably powerful and delicious fragrance. Per packet, 10c; per ounce, 25c.

Osage Melon.

This melon has created quite a furore among all dealers the past season. It is, without question, the most delicious melon introduced for many years. The skin is dark green, with very light netting, medium in size, egg-shaped, and the flesh is a rich salmon-color. The flavor is remarkably sweet, and rind very thin. You cannot be disappointed if you try it. Packet, 10c; ounce, 20c.

Banana Melon.

None of the one hundred and seventy varieties of vegetables exhibited at the exhibition of the Essex Agricultural Society, in the fall of 1883, created a greater interest than the Banana Melon. The form is like the "Log of Wood," but there the resemblance ceases, for it differs from it quite strikingly in both color and quality. It is externally of a creamy white or delicate straw color. It is entirely free from any netting. Just under the outer skin the underone is seen of a bright green color, while the flesh below (the melon being nearly solid) is of rich salmon, making a fine and striking contrast when brought to the table. The quality is first-rate when

A new onion from the south of Europe, eclipsing in size and beauty the Silver King, Pompeii, and all other Italian sorts.

This new and handsome variety is a splendid type of the Yellow Spanish Onion; the flesh is remarkably firm and of the finest quality; of rapid growth and matures early. Onions grown from the seed the first year rival the imported ones from Spain sold by confectioners and fruiterers in our large cities at from 25 to 50 cents each. The skin is of a transparent golden straw color, handsome in shape well up at the shoulder, mild in flavor and a good keeper. The large size, small neck and extra fine quality of the Spanish King cannot fail to make it a popular variety for family use, and one of the most showy onions for exhibition purposes or for sale in market, where its great size and beauty will bring extra prices. Packet, 10c; ounce, 35c; ½ lb., \$2.00; 1 lb., \$3.50.

Dwarf Champion Tomato.

A new variety that is entirely distinct in habit of growth and foliage from any other sort. In habit, dwarf and compact. Foliage is a very dark green in color. It is remarkably early, and as a cropper it is probably unsurpassed. In form and color it closely resembles the Acme. The skin is tough and flesh solid; ripens well around the stem, and not as liable to crack as other varieties. Not of extraordinary size, but fruit frequently attains a weight of fourteen ounces. Fruit grows in clusters all along the stem. The reports of the past season have been very satisfactory in regard to this variety. Packet, 25c.

My trial grounds at Elmhurst, Ill., enable me to offer only *good things*.

Gennine Mammoth Pumpkin.

This (the largest of all pumpkins) has roundish, heart-shaped leaves, a short cylindrical fruit stem, a permanent, fleshy stile, and five carpels or double rows of seeds. The form of the fruit is an oblate spheroid, depressed at the blossom and stem ends, and marked with ten or more wide meridional furrows. It grows to an enormous size, three feet or more in diameter and one hundred to two hundred pounds or more in weight. It has a salmon-colored skin, flesh bright yellow, fine grained and of excellent quality. Packet, 10c; ounce, 20c; $\frac{1}{4}$ lb., 60c; per lb., \$2.00.

New Celestial Pepper.

A rare novelty from China. It is not only a *most useful* pepper, but one of the *most beautiful plants* in existence. The individual plant from which the accompanying illustration was made contained over 300 peppers.

The plant begins to set in peppers early in the season, and continues until frost, branching freely, and bearing profusely. The peppers, up to the time they are full grown, are of a delicate, creamy-yellow color,

and when fully grown, change to an intense vivid scarlet, making a plant, when loaded with fruit, part of one color and part of another, an object of the most striking beauty and oddity. The peppers are the shape as shown in the cut, two or three inches long, of clear, sharp flavor, and superior for any of the uses to which peppers can be put. Packet, 15c.

New Japanese Pie Pumpkin.

This remarkable variety comes from Japan, and will unquestionably prove a valuable addition to our pie and cooking pumpkins. Our illustration, made from a photograph, shows their exact shape. The flesh is *very thick*, nearly solid, the seed cavity being very small in one end of the pumpkin, unusually *fine grained*, *dry and sweet*, having much the same taste and appearance as sweet potatoes. They ripen early, keep well and produce largely. The seeds are peculiarly marked and sculptured in Japanese characters. Packet, 10c; ounce, 20c; $\frac{1}{4}$ pound, 50c; pound, \$1.50.

Chartier Radish.

A new radish, resembling the old long scarlet Short Top. Exceedingly handsome and attractive, of a deep crimson color at the top, and blending off to almost white at the bottom. It is very tender and remains so for a long time after attaining its full growth. Packet, 5c; $\frac{1}{4}$ lb., 25c; 1 lb., 75c.

Edmunds Improved Blood Turnip Beet.

This variety is the result of a careful selection for a number of years of the Dewing Blood Turnip. It has been used for a number of years in the Eastern markets, and has proved to be a source of much gratification to its growers. In form it is perfect, of good size, very productive, and has a deep red color, which is particularly desirable. It is nearly as early as the Egyptian. Price per packet, 5c; ounce, 10c; per lb., 75c.

Kentucky Wonder Water Melon.

RED SEEDED.

The introducers say:—Kentucky Wonder three years ago won First Prize over the Iron Clad, Cuban Queen, and Kolb's Gem, for **FINEST FLAVOR AND BEST QUALITY**. In 1886 several hundred free packets were sent to melon growers throughout the country for trial, and reports received well justified us in introducing this grand new melon to the public. Oblong in shape, skin dark green, marbled in stripes of light green, flesh a beautiful scarlet color, crisp, and not tough, rich and sugary flavor, always firm, very solid and never mealy. Attains an average weight of 40 to 60 pounds. Not a mammoth variety but a real good old-fashioned Kentucky melon, that has no equal for quality. The best all-around melon for home and market yet introduced. Packet, 15c.

Luffa, or Dish-Cloth Gourd.

The peculiar lining of this fruit, which is sponge-like, porous, tough, elastic and durable, makes a natural dish-cloth. The fruit grows about two feet in length, and the vine is very ornamental, producing clusters of large yellow blossoms, in pleasing contrast with the silvery-shaded dark green foliage; many ladies prefer this dish-cloth to anything that can be made. It also makes a handsome and neat ladies' summer bonnet, very unique and tasteful, suitably trimmed and ribboned (see illustration). For the bath, and for all uses of the toilet in general, the "DishRagGourd" is taking the place of the sponge. It is, in

fact, a sponge, a soft brush and a bath glove combined, and is almost indestructible, for the fibre wears away almost imperceptibly, and as long as any part is left they are as good as new. Even with daily use they will last for years, and taking into consideration that a packet of seed only costs 10 cents, and contains

seeds sufficient to raise at least 30 to 50 gourds, and the different uses it can be applied to around the house, it is something every one should grow. In the North the seed should be started in a hot-bed. The dried interiors of these gourds have already become an article of commerce; they are sold by druggists in Philadelphia, New York and Boston, while in England their sale and use are quite general. Every housewife should procure a packet of this seed. Packet, 10c.

Chicago Market Musk Melon.

CHICAGO MARKET MELON.

One of the most popular melons grown near Chicago. Originated with one of our oldest and most successful gardeners, who has, by careful selection for a number of years, produced this splendid variety. Grows large in size, very productive, and of most delicious flavor. These melons bring the highest prices in our Chicago markets and will certainly prove well worth a trial. Has taken premiums at our State Fair a number of times. Price per packet, 5c; ounce, 10c, $\frac{1}{4}$ lb., 30c; lb., \$1.00.

Chicago Pickle Cucumber.

CHICAGO PICKLE CUCUMBER.

This pickle is the standard variety among the Chicago growers, who will have no other seed when this variety can be procured. It is very prolific, bright in color, crisp and tender. If you have been disappointed in your seed, try this sort. Packet, 5c; ounce, 10c; 1 lb., \$1.00.

Do not forget that I handle vegetable plants in large quantities.

The Mediterranean Squash is worthy of all commendation.

NEW AND DESIRABLE NOVELTIES IN FLOWER SEEDS.

Fairy Queen Godetia.

Godetia Fairy Queen. New handsome variety of the same habit and dwarf compact growth as the "Lady Satin Rose," but with white flowers passing into blush and large carmine spots at the base of each petal. The flowers are of the same size as those of "Lady Albemarle." Fine acquisition to these free flowering annuals. Per packet, 25c.

LOBELIA LITTORALIS WITH FRUITS.

Lobelia Littoralis.

Lobelia Littoralis. Very pretty greenhouse species of trailing habit, covering with its small, almost round, toothed leaves, the pot completely like a carpet, and forming with its long, trailing branches, of 1 to 2 feet in length, a splendid plant for hanging baskets. The pure white flowers, similar in size to the Lobelia Erinus, appearing in large numbers out of the thick foliage on upright flower stems are followed by berrylike seed pods, about $\frac{3}{8}$ of an inch broad and long, being green at first, and changing into a bright purplish red when ripe. Whether the plants are in flower or in fruit, they are equally pretty and very attractive. The seed pods are so densely studded all over the plant that they seem to be intermixed with the tiny green leaves. Of course there are flowers and green and colored seed pods on one plant at the same time. Culture is the same as that of the annual Lobelias. Packet, 25c.

BEGONIA SCHARFFIANA.

A New and Handsome Begonia.

Begonia Scharffiana. Rgl. New species from Brazil with large, thick, velvety leaves, of emerald green color on the surface, and deep purplish red underneath. The flowers are large and pure white; the male flowers consist of two larger almost round and two smaller petals; the female ones have five oblong almost equally large petals. This species is perfectly distinct from all other ornamental-leaved begonias cultivated up to this day, and being much hardier than any of the Rex varieties, it can be recommended not only as a good stove plant, but also as a fine plant for apartments. Per packet, 25c.

Papaver Laevigatum.

A new and very showy annual poppy from Persia about 2 to 2½ feet high, with fine-shaped, large flowers, 4 inches in diameter, of a brilliant deep scarlet, with black spots, surrounded by a white margin at the base of each petal. The flowers keep well (even in a cut state). The plants are in flower all the season. Packet, 25c.

If you love Pansies try my seed. *It is choice.*

FLOWER SEEDS—Continued.

Cinnamon Vine.

CINNAMON VINE.

A beautiful climber, which possesses the rare quality of emitting from its flowers a delightful odor of the cinnamon. It is perfectly hardy, the stem dying down every autumn, but growing again so rapidly in the spring as to completely cover any trellis or arbor very early in the season. It is as easily cultivated as the Madeira vine, has no insect enemies, and is not affected by the drought. It is propagated from small bulblets, which will make from ten to twenty feet of vine. Planted near a door or window, and the vine trained over and about it, it makes an ornament worthy the admiration of all. By mail, prepaid, 25c each.

Apios Tuberosa.

APIOS TUBEROSA.

A valuable tuberous-rooted climber, closely resembling the common Wistaria in vine and foliage, having clusters of rich, deep purple flowers, which have a strong delicious violet fragrance. Blooms profusely. Each, 25c.

New Double Daisy.

Bellis Perennis fl. pl. Snowball. Beautiful white flowered variety of the large flowered and long stemmed Daisy, "Longfellow," with extremely double flowers, which will be of great value for cutting. It reproduces itself almost true from seed; there will be at least 80 per cent. white; the rest is Longfellow. Per packet, 25c.

BELLIS PERENNIS "SNOWBALL."

MUSA ENSETE.

A handsome tropical plant, belonging to the banana family, making a splendid appearance on the lawn, either in groups or single plants. Will attain a height of ten feet if seed is sown early in the spring. The leaves are long and broad, with a crimson rib in center. Seed, per packet, 25c; plants, 50c each.

Ornamental Foliage Beet.

This is a splendid ornament for the lawn; grows 3 to 4 feet high. The foliage is a beautiful, brilliant bronzed-red, with a metallic lustre. Although an old plant, they will undoubtedly prove satisfactory, as they remain in good condition until very late in the season, and will stand considerable frost. Packet, 10c.

Nicotiana Affinis.
TOBACCO PLANT.

NICOTIANA AFFINIS.

The Moon Flower.

THE MOON FLOWER.

A plant that is growing in favor every season. The flower is sweet scented, 3 inches in diameter and pure white in color. Blooms continually in greenhouse in winter or bedded out in summer. The plant is about 2 feet in height; in the evening the fragrance is delicious.

Packet, 10c.

We offer this year the White Seeded variety. This grown side by side with the Black Seed grew more rapidly, produced blooms fully an inch larger in diameter, of a purer white as to star in center, of firmer texture, more odor, and much handsomer appearance. It also opens earlier in the evening. The Black Seeded variety is flimsy in texture, easily torn by the wind, and perfects fewer seeds. This plant grows from 15 to 40 feet high, with white moon-like flowers from 5 to 6 inches in diameter. It has also a rich Jessa-

mine-like odor at night. The Moon Flower is a tender plant but can be kept in the house over winter. It roots easily from slips. Packet, 5c; plants each, 20c.

The White and Black seeded *IPOMEA NOCTIFLORA* described above, "crossed" last season, and the seed produced plants partaking of qualities and characteristics of each. The vine equals either in its luxuriance of growth and number of blooms, which are larger than those of Black Seeded variety described and average nearly as large as White Seeded; whilst the plants this season are in full bloom 30 to 46 days before the White Seeded, which makes it a decided acquisition for growing far North. It matures seed which are generally black and brown, though some are partially black and white and larger than the original black seed.

To secure prompt germination of these seeds, cut off a small piece from the point, or make a small hole in point of each seed. Soak in lukewarm water one NIGHT ONLY and plant next day in moderately moist and warm soil. They should be started in hot-beds or green houses, and transplanted after frost to secure their full growth and flowering.

Triumph Aster.

DEEP SCARLET.

This novelty is undoubtedly the most beautiful and most perfect of all the dwarf Asters, not only concerning the habit of the plants, but also relative to the form and beauty of the flowers. It reproduces itself true from seed and attains a height of but 7 to 8 inches. Each plant forms an elegant bouquet of itself. The individual flowers measure from 2½ to 3 inches across,

TRIUMPH ASTER.

and are of the most faultless Pæony form, all petals being beautifully in-curved. The color is peculiarly rich and brilliant. When beginning to bloom it is a pure scarlet, but when in full bloom it changes to a deep scarlet, presenting thus with these two brilliant colors a lovely sight. It is well adapted for borders, groups, carpet bedding or for pot culture. Packets, 25c. each.

Zinnia Linearis.

An interesting and very pretty species from Mexico. This new species forms neat, erect and dense bushes of about 12 inches in height, with narrow, linear foliage, profusely covered with flowers 1½ to 2 inches across. Their color is of a bright golden yellow, with light orange margin. The flowers retain their color beautifully when dried. Packet, 25c.

STANDARD LIST

:—OF—:

VEGETABLE ♦ SEEDS.

For Special Market Gardeners' Price List of Seeds in Bulk see Pages 47 and 48.

NOTICE:—Packets, Ounces and $\frac{1}{4}$ lbs. will be sent post-paid at prices named. Add 10c. per qt. to all Corn and 15c. per qt. to Peas and Beans if ordered by mail.

Artichoke—Artischoke.

Sow seed early in spring, in drills, one foot apart; transplant the next year to permanent place, in moist, rich loam, in rows two feet apart; cover with straw in the winter.

Large Globe. Best for general culture. Packet, 10; ounce, 40c; lb., \$3.00.

Asparagus—Spargel.

CONOVER'S COLOSSAL ASPARAGUS.

Sow early in the spring, as soon as the ground will admit of working, in rows a foot apart. Previous to sowing the seeds, soak in tepid water for twenty-four hours.

Conover's Colossal. The Standard Early Variety. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 20c; 1 lb., 60c.

ASPARAGUS ROOTS—Colossal. 2 years old, per 100, \$1.00, per 1,000, \$8.00; 1 year old, 75c. per 100; \$5.00 per 1,000.

Dwarf or Snap Beans—Gartenbohne.

EARLY MOHAWK.

Dwarf beans require no support. Make the drills fifteen inches apart, an inch and a half deep, and drop the beans three inches apart in the drills. Beans cannot be safely planted till danger from frost is past. If ordered by mail, add 15c. to pay postage.

BEANS—Continued.

Green Pod Varieties, Packets, 5c. each.

Early Red Valentine. One of the earliest and best Pods round. Desirable for market or family use. Quart, 25c; peck, \$1.25.

Early Mohawk. Very early; will stand more cold than most of the bush varieties. 25c. per quart; peck, \$1.25.

Yellow Six Weeks. Early, very productive and of excellent quality. 25c. per quart; peck, \$1.25.

China Red Eye. An old standard variety that is very early. 25c. per quart; peck, \$1.25.

Refugee. A very productive medium or late variety. Pods tender and of excellent flavor. 25c. per quart; peck, \$1.25.

PROLIFIC TREE BEAN.
acre. Quart, 20c; peck, \$1.00.

White Kidney. Excellent as a shell bean for Winter use. Quart, 20c; peck, \$1.00.

White Marrow. The variety so extensively grown for sale dry. A good string bean. Quart, 20c; peck, \$1.00.

Prolific Tree Bean. The most prolific variety for field culture yet known. Average 60 bushels per

Wax Pod Varieties, Packets, 5c.

Golden Wax. The earliest wax bean. Pods of good size, tender and stringless, the best market sort. Quart, 30c; peck, \$1.50.

German Black Wax. One of the leading sorts, very tender and prolific. Quart, 30c; peck, \$1.50.

White Wax. Stringless, waxy yellow. Pods very tender, similar to the black wax. Quart, 30c; peck, \$1.50.

Pole, Wax Pod Varieties.

German Wax Pole. One of the best varieties, either for snaps or shelled in the green state. Quart, 35c; peck, \$2.00.

Giant Wax Pole. Pods, 6 to 9 inches long; clear, waxy yellow, thick and fleshy. Very productive. Quart, 35c; peck, \$2.00.

GOLDEN WAX.

*BEANS—Continued.***Pole, Green Pod Varieties.**

Horticultural or Cranberry. A popular variety for family use. A good shell bean. Quart, 30c.; peck, \$1.75.

Large White Lima. The standard shell bean. Quart, 40c; peck, \$2.50.

Dreer's Lima. The prominent features are early maturity, large yield and extra quality. Bean, thick and round. Quart, 30c; peck, \$2.00.

Dutch Case Knife Very early and prolific; flat pods, white seeds; good, green or dry. Quart, 30c; peck, \$2.00.

Scarlet Runners. A great favorite in European gardens, both as an ornamental plant and vegetable. Quart, 30c; peck, \$2.00.

Broad Windsor. Much used in England for shell beans. Quart, 30c; peck, \$2.00.

Beet—Runkel Rube.

BLOOD TURNIP BEET.

Garden varieties sown in drills, fifteen inches apart, and an inch and a half deep. As the plants grow, thin to six inches in the drills. The best specimens are grown in deep rich soil. To grow the field varieties, prepare the ground by deep spading or plowing, and thoroughly pulverize and enrich the soil. Sow in drills two and one-half feet apart, and thin to stand six or eight inches apart in the drills.

Eclipse. The earliest and best. Smooth, round and of a dark crimson color. Packet, 5c; ounce 10c; ¼ lb., 25c.

Egyptian. Early. Very dark red and of fine flavor. A standard variety. Packet, 5c; ounce, 10c; ¼ lb., 20c.

Early Blood Turnip. A well known old standard sort. Deep blood red, very fine. Packet, 5c; ounce, 10c; ¼ lb., 20c.

Bastian's Blood Turnip. After the Egyptian and Eclipse varieties, this is probably the earliest. Packet, 5c; ounce, 10c; ¼ lb., 25c.

Swiss Chard. This variety is cultivated solely for its leaves. Packet, 5c; ounce, 10c; ¼ lb., 25c.

LONG RED MANGEL.

DEWING'S BLOOD TURNIP BEET

Dewing's Blood Turnip. An improved variety of Blood Turnip. Packet, 5c; ounce, 10c; ¼ lb., 25c.

Long Blood. An excellent late sort. Smooth, tender and sweet. Packet, 5c; ounce, 20c.

*BEETS—Continued.***Beets for Stock Feeding.**

White Sugar. Attains a large size. Cultivated in France for the manufacture of sugar. Ounce, 5c; ¼ lb., 15c.

Long Red Mangel. More generally grown than any other sort. Roots large, quality excellent. Ounce, 5c; ¼ lb., 15c.

Yellow Globe. Smooth large roots. Ounce, 5c; ¼ lb., 15c.

Golden Tankard. Golden yellow, very popular. Ounce, 5c; ¼ lb., 15c.

Red Globe. Differing from the yellow only in color. Ounce, 5c; ¼ lb., 15c.

Borecole or Kale—Blatterkohl.

DWARF GERMAN KALE.

Sow from the middle of April to the beginning of May, in well prepared soil, covering the seeds thinly and evenly.

Tall Scotch. Very hardy, and is improved by a moderate frost. Packet, 5c; ounce, 10c; ¼ lb., 25c.

Dwarf German. A round, dwarf variety, very hardy. Packet, 5c; ounce, 10c; ¼ lb., 25c.

Broccoli.

Growth and habit like the cauliflower, but more hardy. Succeeds best in a moist, cool atmosphere.

White Cape. Heads medium size, close, compact, and of creamy white color. Packet, 10c; ounce, 30c.

Purple Cape. Differs from the white only in color. Packet,

WALCHEREN BROCCOLI. 10c; ounce, 30c.

Walcheren. A valuable variety, with very large, firm heads. Packet, 10c; ounce, 35c.

Brussels Sprouts—Kopfkohl Gruner.

One of the best vegetables for winter use. Producing an abundance of sprouts resembling small cabbage, of excellent flavor.

Tall French. Very fine and productive. Packet, 5c; ounce, 15c.

Dwarf Improved. A new variety, and the best. Packet, 5c; ounce, 15c.

Cauliflower—Blumen-Kohl.

EARLY SNOWBALL CAULIFLOWER.

Any soil that will grow cabbage will grow cauliflower. Much of its excellence depends on quick growth; and the soil cannot be too highly enriched or too deeply cultivated. In other respects it requires similar treatment to the cabbage.

Extra Early Dwarf Erfurt. A splendid forcing variety. Packet, 25c; ounce, \$3.50.

CAULIFLOWER—Continued.

Snowball. Similar to the Extra Early Erfurt. Packet, 25c; ounce, \$3.50.

Half Early Paris. A useful variety for a succession crop. Large and fine heads. Packet, 10c; ounce, 75c.

Lenormand. A large late variety. Packet, 10c; ounce, 75c.

Walcheren. An old favorite variety. Packet, 10c; ounce, 75c.

Autumn Giant. A good late sort. Packet, 10c; ounce, 75c.

Cabbage—Kopfkohl.

EARLY JERSEY WAKEFIELD.

The ground must be highly manured, deeply dug or plowed, and thoroughly worked to insure good, full-sized heads. Heavy, moist and fresh loam the most suitable. Sow very early in the spring in hot-beds, or later in the open ground. Plant out, eighteen inches by two feet apart.

EARLY SUMMER.

Jersey Wakefield. The best early cabbage. Packet, 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.

Early York. A well-known favorite variety. Packet, 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Early Summer. About ten days later than the Jersey Wakefield, but much larger. Packet, 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.

Winningstadt. A second early variety, very popular. Packet, 10c; ounce, 20c; $\frac{1}{4}$ lb., 60c.

FOTTLER'S CABBAGE.

Fottler's Brunswick. A second early and late variety, cultivated generally all over the country. Packet, 10c; ounce, 30c; $\frac{1}{4}$ lb., \$1.00.

CABBAGE—Continued.

Mammoth Marblehead. Noted for its enormous size and fine quality. Packet, 10c; ounce, 30c; $\frac{1}{4}$ lb., \$1.00.

Bridgeport Late Drumhead. A leading Chicago variety for shipping. Packet, 15c; ounce, 60c; $\frac{1}{4}$ lb., \$2.00.

Red Dutch. Used exclusively for pickling. Packet, 10c; ounce, 25c; $\frac{1}{4}$ lb., 75c.

Late Flat Dutch. A standard late variety. Packet, 10c; ounce, 20c; $\frac{1}{4}$ lb., 60c.

Drumhead Savoy. The largest heading sort; of excellent flavor. Packet 10c; ounce, 30c; $\frac{1}{4}$ lb., \$1.

Netted Savoy. The finest of the Savoy class. Of a yellowish green color. Packet, 10c; ounce 30c; $\frac{1}{4}$ lb., \$1.00.

Celery—Seleri.

WHITE PLUME.

This is the *finest* of salad plants. Sow seeds in hot-bed or in the ground as soon as the soil can be worked; when the plants are four to six inches high, make trenches a foot deep and four to five feet apart. Enrich thoroughly the bottom of the trenches, and transplant to six or eight inches in the trenches, and as the plants grow, haul fine earth up about them, to blanch their stems. The dwarf kinds may be set on the surface, in rows three feet apart, and stems blanched by hilling them up.

HENDERSON'S NEW ROSE CELERY.

Dwarf Golden Heart. A leading variety in all large celery sections. Packet, 10c; ounce, 30c; $\frac{1}{4}$ lb., \$1.00.

Perfection Heartwell. A strong growing variety, very popular. Packet, 10c; ounce, 30c; $\frac{1}{4}$ lb., \$1.00.

Boston Market. Medium size, solid, tender and crisp. Packet, 10c; ounce, 30c; $\frac{1}{4}$ lb., \$1.00.

CELERY—Continued.

White Plume. Early, self-blanching. Packet, 10c; ounce, 40c; $\frac{1}{4}$ lb., \$1.25.

New Rose. Largely used in England. The flavor is much superior to the white. Packet, 10c; ounce, 35c; $\frac{1}{4}$ lb., \$1.00.

Golden Self-Blanching. A very fine French self-blanching sort. Packet, 10c; ounce, 50c; $\frac{1}{4}$ lb., \$1.50.

Giant White Solid. The best of the large growing varieties. Packet, 10c; ounce, 40c; $\frac{1}{4}$ lb., \$1.25.

Celeriac—Knob Seleri.

The root, which is turnip-shaped, is cooked or sliced, and used with vinegar. More hardy than celery.

CELERICAC SMOOTH PRAGUE.

Apple Shaped. A good variety, having small foliage and large tubers; almost round in shape and smooth. Packet, 5c; ounce, 15c; $\frac{1}{4}$ lb., 50c.

Large Smooth Prague. The finest variety yet introduced. Packet, 5c; ounce, 20c; $\frac{1}{4}$ lb., 60c.

Corn Salad—Lammersalat.

A vegetable used as a salad. Sow early in September in shallow drills, and through the winter cover lightly with straw or leaves.

Large Leaved. The best. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 30c.

CHICORY.

Chervil—Garten Kerbel.

An aromatic, sweet herb. The young leaves are used in soups and salads. Sow thinly in May, in drills half an inch deep and one foot apart. Packet, 5c; ounce, 20c; $\frac{1}{4}$ lb., 60c.

Chicory.

Large-rooted; cultivate the same as carrots. The leaves are also used as a salad. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 30c.

Cucumber—Gurke.

LONG GREEN.

IMPROVED WHITE SPINE.

sort unequaled. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 25c.

Chicago Pickle. A favorite variety around Chicago. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 25c.

Boston Pickling. Largely used around Boston. Very productive and of superior quality. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 20c.

Long Green. A fine long fruit, of excellent quality. Dark green, firm and crisp. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 20c.

White Spine. A favorite market variety, producing fruit of medium size. Deep green, crisp, and fine flavor. Largely grown for forcing. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 20c.

Cluster. A much esteemed early variety, growing in clusters, and extremely productive. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 20c.

Russian. The earliest variety. The fruit is produced in pairs. A good sort for the family garden. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 25c.

Short Green. Similar to Early Frame. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 20c.

Tailby's Hybrid. Fine for family use. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 30c.

West India Gherkin, or Burr. Used exclusively for pickles. Very small; length from two to three inches; a strong grower. Should be planted five feet apart. Packet, 5c; ounce, 25c; $\frac{1}{4}$ lb., 75c.

Giant Pera. New. A splendid variety for the table. Smooth and straight; skin a beautiful green, free from spines; flesh pure white, crisp and tender. Packet, 5c; ounce, 15c; $\frac{1}{4}$ lb., 40c.

GIANT PERA.

Do not fail to try Osage Melon. (See Novelties.)

Sweet Corn—Welschkorn.

(Add 10 cts. per quart to pay postage, if to go by mail.)

The varieties offered embrace all that are desirable to plant for garden and table use. The mode of cultivation is well known.

Cory. The earliest corn in cultivation. Ears larger than the Marblehead. Packet, 5c; quart, 20c; peck, \$1.00.

Marblehead. An extra early variety; splendid market sort. Packet, 5c; qt., 20c; peck, \$1.

Minnesota. Very early, and desirable alike in the market or family garden. Packet, 5c; quart, 20c; peck, \$1.00.

Crosby's Early, and a great favorite in the markets of all large cities. Packet, 5c; quart, 20c; peck, \$1.00.

Moore's Concord. Ears large and well filled; early and unsurpassed for flavor. Packet, 5c; quart, 20c; peck, \$1.00.

Perry's Hybrid. A new early variety that has become very popular. Packet, 5c; quart, 25c; peck, \$1.25.

Potter's Excelsior. A splendid medium early sort. Packet, 5c; quart, 25c; peck, \$1.25.

Triumph. Said to be the earliest of the large varieties; a good market sort. Packet, 5c; quart, 20c; peck, \$1.00.

Hickox. Medium early, very desirable for canning. Packet, 5c; quart, 20c; peck, \$1.00.

Old Colony. Ripens medium early, exceedingly sweet; ears large, and well filled. Packet, 5c; quart, 20c; peck, \$1.00.

Mammoth Sugar. A large, late variety, fine flavor. Packet, 5c; quart, 20c; peck, \$1.00.

Evergreen. The standard late sort; remains green a long time. Packet, 5c; quart, 20c; peck, \$1.00.

Egyptian. The ear is large, flavor rich and sweet. A good canning variety. Packet, 5c; quart, 20c; peck, \$1.00.

Black Mexican. A black grained, medium early corn; the sweetest of all varieties. Packet, 5c; quart, 20c; peck, \$1.00.

Carrots—Wurzel.

FRENCH FORCING.

The carrot delights in a sandy loam, deeply tilled. For early crops sow in spring, as soon as the ground is in fair working order; for later crops sow any time until the middle of June; sow in rows fifteen inches apart, thinning out to four inches between the plants.

Early French Forcing. The earliest variety; largely grown for forcing purposes. Packet, 5c; oz. 10c; $\frac{1}{4}$ lb., 20c.

Early Scarlet Horn. An old favorite variety for early crop. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 20c.

Danvers. Midway in shape between the Scarlet Horn and the Long Orange. Color a rich shade of orange. The best for general crop. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 20c.

CARROTS—Continued.

EARLY SCARLET HORN.

James' Intermediate. Very near Danvers in size, and about as early. Color bright red, almost without core. A splendid variety. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 25c.

Long Orange. Equally adapted for garden or farm. Of large size, color orange red. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 20c.

Altringham. A large and fine flavored red carrot, grown for stock feeding. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 20c.

White Belgian. Grown exclusively for stock. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 20c.

JAMES' INTERMEDIATE CARROT.

LONG ORANGE CARROT.

CARROTS—Continued.

Oxheart, or Guerande. Intermediate between the Danvers and short Horn. Excellent for table use. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 25c.

Chantenay. A stump-rooted variety, somewhat resembling the well known Nantes carrot; but more productive. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 25c.

Yellow Belgian. Valuable for stock. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 15c.

Cardoon—Kardon.

CARDOON is grown for the mid-rib of the leaf, which requires to be blanched in the same manner as celery. Sow early in spring, where the plants are to remain, in drills 3 feet apart and an inch and a half deep. Thin out the young plants to a foot apart in the drills.

Large Spanish. The best. Packet, 10c; ounce, 30c.

Cress or Pepper Grass—Kresse.

A well known pungent salad. Requires to be sown thickly, at frequent intervals, to keep up a succession, as it soon runs to seed.

Curled. Very desirable for salad and garnishing. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 25c.

Water Cress. A well known hardy perennial, aquatic plant, growing abundantly along the margins of running streams. Easily cultivated. Packet, 10c; ounce, 50c.

Dandelion—Pardeblume.

The dandelion resembles endive, and is sometimes cultivated for spring greens, or for blanching for salad. The roots, when dried and roasted, are often employed as a substitute for coffee. Sow in drills, half an inch deep and twelve inches apart.

Large Leaved. Double the size of the common dandelion. Packet, 5c; ounce, 25c; $\frac{1}{4}$ lb., 75c.

Egg Plant—Eierpfanze.

ROUND PURPLE EGG PLANT.

everywhere. Packet, 10c; ounce, 50c; $\frac{1}{4}$ lb., \$1.50.

Endive—Endivien.

One of the best salads for fall and winter use. Sow for main crop in June or July. Requires no special

WHITE CURLED ENDIVE.

soil or manure. Blanch by gathering up the leaves

ENDIVE—Continued.

and tying them by their tips in a conical form. This excludes light and air from inside leaves, which soon become blanched.

Green Curled. One of the best varieties; very ornamental for garnishing. Packet, 5c; ounce, 20c; $\frac{1}{4}$ lb., 50c.

White Curled. Leaves pale green; should be used when young. Packet, 5c; ounce, 20c; $\frac{1}{4}$ lb., 50c.

Moss Curled. An extra curled variety, very handsome. Packet, 5c; ounce, 20c; $\frac{1}{4}$ lb., 50c.

Picpus Curled. A new sort, with finely lacinated leaves, curling in a very ornamental manner. Splendid for garnishing. Packet, 5c; ounce, 25c; $\frac{1}{4}$ lb., 75c.

Kohl Rabi—Kohlrabi.

A vegetable intermediate between the cabbage and the turnip. Sow the seed in rows in May, June and July, 18 inches apart. Thin out where it stands, as it is difficult to transplant.

Early White Vienna. Greenish white outside; flesh white and tender while young. Packet, 5c; ounce, 20c; $\frac{1}{4}$ lb., 60c.

Early Purple Vienna. Almost identical with the white, except in color, which is purple. Packet, 5c; ounce, 20c; $\frac{1}{4}$ lb., 60c.

Lettuce—Salat.

CURLED LETTUCE.

Sow one-quarter of an inch deep, and transplant while young, eight or twelve inches apart, according to size.

Curled Simpson (White Seed). Forms a compact mass of leaves of a yellowish shade of green, which are quite curly. Largely grown as an early open air

variety. Packet, 5c; ounce, 15c; $\frac{1}{4}$ lb., 30c.
Curled Simpson (Black Seed). Much lighter in color than the white-seeded variety; leaves nearly white and almost double the size of that variety. Stands summer heat well and is good for forcing. Packet, 5c; ounce, 15c; $\frac{1}{4}$ lb., 30c.

Tennis Ball (Black Seed). Forms a hard head. A favorite forcing variety. Very few outer leaves. Packet, 5c; ounce, 15c; $\frac{1}{4}$ lb., 40c.

SALAMANDER.

Salamander. A splendid summer lettuce that stands the heat and drought well. Good size; compact heads. Color light green. Packet, 5c; ounce, 15c; $\frac{1}{4}$ lb., 40c.

Hanson. Heads green, with white heart; large size, crisp and tender. Packet, 5c; ounce, 15c; $\frac{1}{4}$ lb., 35c.

Deacon. Stands heat well; forms solid heads; crisp and tender. Good for general use. Packet, 5c; ounce, 15c; $\frac{1}{4}$ lb., 35c.

Prize Head. Mammoth heads, of good quality. Packet, 5c; ounce, 15c; $\frac{1}{4}$ lb., 35c.

Yellow-Seeded Butter. A distinct sort, making a large, dense, yellow head; very tender; stands heat well. Packet, 5c; ounce, 15c; $\frac{1}{4}$ lb., 40c.

Curled Silesia. Rather loose heads, leaves large, light color. Packet, 5c; ounce, 15c; $\frac{1}{4}$ lb., 35c.

LETTUCE—Continued.

Boston Market (White-Seeded Tennis Ball). The best and earliest for forcing, making small, compact heads. Packet, 5c; ounce, 15c; $\frac{1}{4}$ lb, 35c.

Golden Stonehead. A new variety, with very solid heads; of superb quality and great beauty. It is quite as early as White Tennis Ball, has larger heads, and is unsurpassed for table use. We do not hesitate to recommend it most highly for forcing or earliest spring crop. Its very handsome appearance commands a ready sale on market. Packet, 5c; ounce, 15c; $\frac{1}{4}$ lb, 40c.

Leek—Lauch.

Very hardy and easily cultivated; succeeds best in a light, well-enriched soil. Sow early in the spring, in drills one inch deep and one foot apart. When six or eight inches high, transplant in rows ten inches apart each way, as deep as possible, that the neck being covered may be blanched. If fine leeks are desired, the ground cannot be made too rich.

Large American Flag. A favorite market variety. Packet, 5c; ounce, 15c; $\frac{1}{4}$ lb, 40c.

Musselburgh. Grows to a large size. Packet, 5c; ounce, 20c; $\frac{1}{4}$ lb, 50c.

Martynia.

The seed pods are used to a considerable extent for pickling, when gathered green and tender. Sow in the open ground in May, and transplant two feet apart.

Martynia Proboscidea. Packet, 5c; ounce, 30c; $\frac{1}{4}$ lb, \$1.00.

Melon—Musk—Melone.

MUSK-MELON.

Both Musk and Water Melons thrive best in a warm, mellow, rich, sandy loam. After thoroughly stirring the soil by plowing or spading, make the hills four feet apart for the Musk varieties, and five feet for Water Melons.

Work under the surface of the hills a liberal quantity of good decomposed stable manure.

Netted Gem. One of the earliest, and the best and most prolific small melons grown. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb, 25c.

HACKENSACK.

Nutmeg. A standard sort. Skin deep green; finely netted; flesh greenish yellow; rich and sugary. Packet, 5c; ounce, 10c, $\frac{1}{4}$ lb, 25c.

Hackensack. A splendid melon for market. A large size, round in shape, flattened at the ends; skin green and netted, flesh green and sugary. Very productive. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb, 25c.

Jenny Lind. An early variety of small size and excellent flavor. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 25c.

Baltimore. A green-fleshed variety, of oblong form. A good shipping melon. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 30c.

Casaba. An old favorite; large size; good flavor. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 25c.

JENNY LIND.

MELON—Continued.

White Japan. An early, medium-sized, round variety; skin cream white; flavor fine. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 30c.

Surprise. Very early; medium size; salmon-colored flesh, of superior flavor. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 25c.

Bay View. Very desirable, on account of its shipping qualities. Large size; prolific and early. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 25c.

Christiana. When ripe, the melon separates from the stem; flesh

SURPRISE.

is a dark, rich yellow, and of good quality. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 30c.

Montreal. Grows to a large size; very thick flesh; rich in flavor. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 30c.

Chicago Musk. The favorite variety among Chicago restaurants. Large, round melon, of delicious flavor. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 30c.

Melon, Water—Wasser Melone.

Plant in hills five feet apart, and cultivate the same as Musk Melon.

Phinney's Early. The earliest of all; medium size, thin rind, red flesh. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 25c.

Mountain Sweet. An old standard variety, sweet and solid. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 25c.

Kolb's Gem. Large size and possessing fine shipping qualities; flesh, bright crimson, solid, sweet and luscious. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 25c.

CUBAN QUEEN WATERMELON.

Cuban Queen. Beautifully marked, light and dark green, solid, crisp, bright red flesh. A good shipper. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 25c.

Mammoth Iron Clad. Grows to a mammoth size, and possesses all good qualities for shipping and the table. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 25c.

Gypsy. A standard Southern variety, splendid shipper. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 25c.

Peerless or Ice Cream. Nearly round. Pale green, thin rind, scarlet flesh, delicious flavor. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 25c.

IRON CLAD.

Very generally grown South. Packet, 5c, ounce, 10c; $\frac{1}{4}$ lb., 30c.

Icing or Ice Rind. Round and solid, thin rind, delicious flavor. Not a good shipper. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 20c.

The Boss. Good size. Deep green color, oblong, solid, early. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 30c.

Scaly Bark. Skin dark green, mottled and striped with light green.

MELON—Continued.

BLACK SPANISH.

Black Spanish. Medium size Round, black-seeded, red flesh, thin rind, vines small, sweet and delicious. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 30c.

Mountain Sprout. Fruit of large size, longish oval, skin dark green, marbled with lighter shades. Excellent quality. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 25c.

Citron for Preserves. Round, handsome and small. Preserving qualities the best. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 25c.

Mustard—Senf.

Used as a salad, either alone or with lettuce and cress, and as greens. Sow in drills one foot apart, and cover half an inch deep. Water frequently in dry weather. For succession sow every two weeks during the season.

White London. Most desirable for salad. Ounce, 5c; $\frac{1}{4}$ lb., 15c.

Brown or Black. The mustard of commerce. Ounce, 5c; $\frac{1}{4}$ lb., 15c.

Mushroom Spawn.

Any dark room, cellar, or pit, where the temperature can be kept from 50 to 60 degrees, will do for the culture of mushrooms. Gather one bushel of soil from some old pasture, and add to it two bushels of fresh horse manure. Previous to mixing, the manure should be turned a number of times, to get rid of the heat. Dig out a bed to the depth of one foot; at the bottom spread a layer of coarse manure, then lay down successive layers of the mixture until the bed is filled. Pound the layers down hard as you put them in. In a few days the bed will become quite hot. Let the temperature lower to 90 degrees; then make holes in the bed at a distance of one foot apart, and put in each, two or three pieces of the spawn the size of a walnut. Cover the holes, pressing the soil solid. At the expiration of ten days cover the whole with two inches of fresh loam. In eight weeks or less the mushrooms will appear. Success with mushrooms greatly depends on uniform temperature.

English, 15c lb.; French, in boxes, 2 lbs., 75c; 4 lbs., \$1.40

Onion—Zwiebeln.

A strong, deep, and rich loamy soil is most suitable. The ground should be heavily dressed with rich, well-rotted manure, trenched deeply, and ridged up early in autumn; cow manure is the most suitable if the soil is of a light, sandy nature. The main crop should be sown as early as the ground may be in working condition. Sow thinly and regularly, and cover with the soil displaced in making the drills, or where this is too lumpy, with other fine soil. They succeed well any number of years on the same ground. A top dressing of wood ashes, applied after the second weeding, is very beneficial to this crop.

YELLOW GLOBE DANVERS

Onion Sets and Tops are placed on the surface in shallow, 12 inch drills, about 4 inches apart, slightly covered.

Extra Early Flat Red. A light-colored onion, good keeper, and the earliest

of all. Packet, 5c; ounce, 20c; $\frac{1}{4}$ lb., 60c.
Red Wethersfield. Large yielder, and good keeper; a favorite sort for general crop. Packet, 5c; ounce, 20c; $\frac{1}{4}$ lb., 60c.

RED WETHERSFIELD.

Yellow Globe Danvers. A globular shaped, straw colored variety; in appearance and quality superior to the flat, but not as good a keeper. Packet, 5c; ounce, 20c; $\frac{1}{4}$ lb., 60c.

Yellow Flat Danvers Early and a good keeper. Packet, 5c; ounce, 20c; $\frac{1}{4}$ lb., 60c.

Yellow Dutch. An old standard variety, reliable and widely cultivated; flat in shape and of a light straw color. Packet, 5c; ounce, 20c; $\frac{1}{4}$ lb., 60c.

White Portugal A mild, pleasant flavored variety, splendid for family use, but not as good a keeper as the dark skinned varieties. Packet, 5c; ounce, 30c; $\frac{1}{4}$ lb., 75c.

White Globe. A showy and large white variety, very productive; mild flavored and a good keeper. A rapid grower. Packet, 5c; ounce, 30c; $\frac{1}{4}$ lb., 75c.

NEW QUEEN.

White Queen. Extra early; small, flat and mild flavored. Used extensively for pickling. Packet, 5c; ounce, 25c; $\frac{1}{4}$ lb., 75c.

Giant Rocca. A very large-growing globe-shaped variety, of a reddish brown color. Packet, 5c; ounce, 15c; $\frac{1}{4}$ lb., 50c.

Bermuda Red. Well known as the earliest onion appearing in the market. Packet, 10c; ounce, 30c; $\frac{1}{4}$ lb., \$1.00.

ONION SETS.

Bermuda White Very early, pure white, flat and globular in form, fine texture and admirable flavor. Packet, 10c; ounce, 30c; $\frac{1}{4}$ lb., \$1.00.

Brown St Laurent. A new French variety, good quality and keeper. Packet, 10c; ounce, 50c; $\frac{1}{4}$ lb., \$1.50.

Onion Sets.

	BUSHEL.	QUART.
White Onion Sets.....	\$5.00	30c
Yellow " ".....	4.00	25c
Top " ".....	5.00	25c
Shallot " ".....	4.50	25c

Prices subject to change as the season advances.

DWARF OKRA.

Okra—Essbarer.

The pods, when young, are used in soups, stews, etc. Sow the seed in rows, two feet apart and two inches deep; thin out the plants to nine inches or one foot apart. Hoe frequently, and draw a little earth to the plants.

Dwarf Green. The earliest and best. Packet, 5c; ounce, 15c; $\frac{1}{4}$ lb., 40c.

Peas—Erbse.

Plant very early in the spring; manure the ground the year previous, or they will grow too much to straw. The height of all peas depends upon the richness of the soil and wetness of the season. Plant in double rows, three feet apart, and bush tall varieties when six inches high; larger and later sorts do better four feet apart; keep clean and earth up twice in their growth. In dry weather the peas should be soaked six hours before planting, and if the ground is very dry they should be watered in the drills. One or two bushels are required to an acre; one quart of the smaller sorts will sow one hundred and twenty feet, and of the larger sorts, two hundred feet of drill.

If ordered by mail add 15 cts. per quart to quart prices to pay postage.

EXTRA EARLY VARIETIES

Philadelphia. A standard early sort, height two and a half feet. Packet, 5c; quart, 20c.

First and Best. Similar to the Philadelphia. Packet, 5c; quart, 20c.

Dan'l O'Rourke. An old early sort; pods well filled with peas. Packet, 5c; quart, 20c.

Premium Gem. Pods long and of a dark green color; height, one foot. Packet, 5c; quart, 25c.

Little Gem. Very prolific; flavor excellent; height, one foot. Packet, 5c; quart, 25c.

American Wonder. One of the earliest wrinkled sorts; grows about nine inches high, covered with well filled pods. Very sweet and tender. Packet, 5c; quart, 25c.

Tom Thumb. Very early; dwarf habit; an old favorite. Packet, 5c; quart, 25c.

Alpha. One of the very earliest wrinkled peas in cultivation. Very prolific, fine flavor; height, two and a half feet. Packet, 5c; quart, 25c.

Rural New Yorker. A fine, extra early sort. Packet, 5c; quart, 20c.

GENERAL CROP VARIETIES

Dwarf Blue Imperial. A large bearer and a good variety for summer use; height three feet. Packet, 5c; quart, 20c.

Black Eye Marrowfat. Extensively grown as a garden and field pea. Very productive; height about four feet. Packet, 5c, quart, 15c.

White Marrowfat. A favorite variety for canning and field cultivation, height four feet. Packet, 5c; quart, 15c.

PEAS—Continued.

TELEPHONE.

Dwarf White Sugar. (Edible pods.) Height two feet. Packet, 5c; quart, 25c.

Parsnips—Pastinake.

PARSNIP.

Sow as early in the spring as the weather will permit, in drills fifteen inches apart, covering half an inch deep. When well up, thin out to five or six inches apart in the rows. They are improved by frost.

Long Smooth or Hollow Crown. Best for general use. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 20c.

The Student. A fine flavored variety. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 20c.

Parsley—Petersilie.

Very useful for flavoring soups and garnishing. It requires deep rich soil. The seed is slow to germinate and should be given most favorable conditions. Sow in rows one foot apart and half-inch deep.

MOSS CURLED PARSLEY

Moss Curled.

A very select variety, beautifully curled. Packet, 5c, oz. 10c; $\frac{1}{4}$ lb., 30c.

Double Curled.

A fine dwarf variety; the standard sort for garnishing. Packet, 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

Plain. The leaves are plain and much hardier than the curled sorts. Packet, 5c, ounce, 10c; $\frac{1}{4}$ lb., 20c.

PARSLEY—Continued.

Hamburg, or Turnip Rooted. A fleshy rooted kind; the roots used for flavoring soups. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 25c.

Pepper—Pfeffer.

Grown largely for pickles. Sow in hot-bed early in April, and transplant to the open ground when the weather is favorable. Plant in warm mellow soil, in rows, eighteen inches apart.

Large Bell, or Bull Nose. An early variety of mild flavor, and a favorite sort. Packet, 5c; ounce, 25c; $\frac{1}{4}$ lb., 75c.

Long Red Cayenne. The variety of commerce. Packet, 5c; ounce, 25c; $\frac{1}{4}$ lb., 75c.

RUBY KING.

Ruby King. An exceedingly large and handsome pepper. The fruits are bright ruby red; flavor mild. Packet, 10c; ounce 50c; $\frac{1}{4}$ lb., \$1.50.

Sweet Mountain. Similar to Bell, but much larger and milder. Packet, 5c; ounce, 25c; $\frac{1}{4}$ lb., 75c.

Cherry Red. An ornamental variety, fruit round, glossy scarlet. Packet, 5c, ounce,

25c; $\frac{1}{4}$ lb., 75c.

Golden Dawn. Same size and shape as the Bell, but of more delicate flavor; golden yellow color. Packet, 5c; ounce, 25c; $\frac{1}{4}$ lb., 75c.

Potato—Kartoffel.

By mail per pound prepaid, 20 cents, *any variety*.

The soil best suited to the potato is a sandy loam, but they can be grown with varying success on soils of all kinds, and in all conditions of fertility. Manure is applied either in rows or hills, or broadcast over the hills and plowed in. Plant as early in spring as the ground can be had in fair working order, in hills or ridges about three feet apart, covering in light, warm soils, about four inches deep. But in cold, wet situations two and one-half or three inches will be sufficient.

Beauty of Hebron. An early, rapid growing variety, resembling the Early Rose. Very prolific, and a good keeper. The quality is excellent. Peck, 40c; bushel, \$1.25; barrel, \$3.50.

Early Ohio A very popular variety; succeeds best on rich moist soils. Peck, 40c; bushel, \$1.25; barrel, \$3.50.

Chicago Market Tubers large, uniform in size, prolific. Cooks dry and mealy. A standard early variety. Peck, 50c; bushel, \$1.50; barrel, \$4.00.

Alexander's Prolific. A splendid yielder; skin white well covered with rough netting; very few eyes; cooks through evenly and quickly. Medium early. Peck, 50c; bushel, \$1.50; barrel, \$4.00.

POTATOES—Continued.

Queen of Valley. Medium in season. Very large in size; cooks mealy. A good table potato. Peck, 40c; bushel, \$1.25; barrel, \$3.50.

White Star Tubers oblong, large, uniform and handsome. Very prolific, and medium in season. Flesh fine white, very mealy, either baked or boiled. Peck, 40c; bushel, \$1.25; barrel, \$3.50.

White Elephant. One of the best late sorts. Long and solid; skin white. Grows closely in the hills and is an enormous yielder. Peck, 40c; bushel, \$1.25; barrel, \$3.50.

Thorburn. Early, large, handsome, and productive. A seedling of the Beauty of Hebron. Peck, 50c; bushel, \$1.50; barrel, \$4.00.

Empire State. Resembles Beauty of Hebron in shape; flesh white and floury. Good flavor, medium early. Peck, 40c; bushel, \$1.25; barrel, \$3.50.

SWEET POTATOES.

Clark's No. 1. Said to be earlier than the Early Rose. Cooks mealy; flavor excellent. Peck, 50c; bushel, \$1.50; barrel, \$4.00.

Early Rose. The old standard variety for earliness, quality, and productiveness. Peck, 40c; bushel, \$1.25; barrel, \$3.50.

SWEET POTATOES.—Yellow Nansemond, Red Nansemond, Southern Queen. Per bushel, \$2.00; per barrel, \$4.75.

Pumpkin—Kurbis.

FIELD PUMPKIN.

Will thrive well in soil where potatoes and corn will. Sow about May 1st in hills about eight to ten feet apart each way.

Large Cheese. The best variety for cooking. Light yellow, with very thick, sweet, brittle flesh. An excellent keeper. Packet, 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

Cashaw. A very prolific variety, resembling in form the Winter Crook-Neck Squash, but much larger in size. Color light cream, flesh salmon color. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 25c.

Connecticut Field. The best for field culture. Can be grown with corn. Largely used for stock. Ounce, 5c; $\frac{1}{4}$ lb., 10c; $\frac{1}{2}$ lb., 25c.

Rhubarb—Rhabarber.

May be propagated from seeds but is usually grown from roots. The soil should be deep and rich.

Victoria. Largest and best. Packet, 5c; ounce, 15c; roots, 25c each.

I can sell you Fertilizers at very low rates. *Chicago is Headquarters* for this line.

Try the Scarlet Globe Radish. It will please you.

Radish—Rettig.

HALF LONG STRASBURG RADISH.

Thrives best in light sandy loam. If you have failed to grow fine radishes on account of the worm, haul a load of sand to your garden, make a bed of it, place your radish seed in it, and you will be successful. The excellence of a radish consists in its being succulent, mild, crisp and tender; these qualities are secured only by a rapid growth, and the plants should be frequently and copiously watered in dry weather. For early use sow the turnip varieties in hot-beds, or any of the sorts in spring in the open ground as soon as the soil can be worked, in drills six to ten inches apart, covering seed half an inch deep. Thin plants two to three inches apart in the rows. For a succession, sow at intervals of two weeks, until mid-summer. Winter varieties should be sown about the time of turnip sowing.

SCARLET GLOBE.

Wood's Early Frame. Ten days earlier than the Long Scarlet, which it very much resembles. An excellent forcing variety. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 20c.

Long Scarlet. Grown very largely all over the country; a good shipping variety. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 20c.

Black Spanish. For winter use. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 20c.

RADISH—Continued.

French Breakfast. A variety of quick growth, very mild and tender; one of the best for forcing; oval form, scarlet tipped with white. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 20c.

Earliest Olive Scarlet (for forcing). A small-leaved variety. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 20c.

OLIVE SCARLET FORCING RADISH.

SCARLET TURNIP-ROOTED RADISH.

Early Scarlet Turnip. Small, round, red variety, very crisp and tender; very useful for forcing. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 20c.

Early Scarlet Turnip (white tip). Similar to the above, save that it has a white tail or tip, which gives it a very pretty appearance. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 20c.

White Turnip. Pure white in color, same size and shape as the Scarlet Turnip. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 20c.

Olive Shaped Scarlet. Very early; handsome rose color; oblong in shape, crisp and tender. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 20c.

Chartier. Color at top, crimson, running into pink about the middle, and from there down it is a pure, waxy white; attains a very large size. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 25c.

Scarlet Globe. A new variety of distinct shape and brilliant color; short-leaved; flesh white and crisp; an excellent forcing sort. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 30c.

Giant White Stuttgart. A quick-growing early sort, large size, flesh and skin white; fine quality, firm and brittle; never gets pithy. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 20c.

White Strasburg. Suitable for market or private gardens. Tapering shape, skin and flesh white; tender, and of fine flavor; a quick grower. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 25c.

Yellow Summer Turnip. Large size, excellent for summer. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 20c.

China Rose, Winter. Rose-color, flesh firm and piquant. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 20c.

California Mammoth. A giant white-fleshed fall radish. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 20c.

Gray Summer Turnip. Excellent for summer use. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 20c.

Spinach—Spinat.

Spinach will succeed in any garden soil; the richer the ground, the heavier the crop. For general crop sow in drills 1 foot apart, as soon as the ground is ready, and for a succession, every two weeks thereafter. For very early crop sow in September, and in northern latitudes cover slightly.

Round Leaved. The standard variety, with round, fleshy leaves. Ounce, 5c; $\frac{1}{4}$ lb., 15c.

SPINACH—Continued.

LETTUCE LEAF SPINACH.

Lettuce Leaf. A new and splendid sort. Ounce, 5c; $\frac{1}{4}$ lb., 15c.

Long Standing. Remains fit for use longer than any other sort. Ounce, 5c; $\frac{1}{4}$ lb., 15c.

Broad-Leaved Flanders. Very hardy, robust grower. Ounce, 5c; $\frac{1}{4}$ lb., 15c.

Prickly or Winter. The hardest variety grown; much used for fall sowing. Ounce, 5c; $\frac{1}{4}$ lb., 15c.

Squash—Kurbiss.

Squashes are of luxuriant growth, and although they will grow readily on any soil, they will repay generous treatment. Sow when weather gets settled, in a light soil with two or three shovelfuls of well rotted manure, in the soil for each hill. For bush varieties, plant 3 to 4 feet apart each way, and for running varieties, from 6 to 8 feet. Plant eight or ten seeds in a hill, thinning out after they attain their rough leaves, leaving three or four of the strongest plants.

GOLDEN BUSH SQUASH.

Perfect Gem. Squashes from four to six inches in diameter; of a creamy white color, with thin, smooth shell, slightly ribbed; desirable for summer or winter. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 25c.

Yellow Bush Scalloped. An early flat scalloped variety, deep orange color. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 25c.

White Bush. Like the Yellow in shape; pure white; a favorite sort. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 25c.

Essex Hybrid. A valuable fall and winter variety, very prolific, fine grain, yellow flesh, very sweet and dry. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 25c.

HUBBARD

Butman. Resembling the Essex in size and productiveness. Flesh between a salmon and a lemon color; skin a light green, intermingled with white; thick shell; sweet and delicious. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 25c.

Summer Crook-Neck. Early; very productive; rough, warty; surface, orange yellow, good quality. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 25c.

Marblehead. Excellent for winter use; later than Hubbard and lighter in color. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 25c.

SQUASH—Continued.

SUMMER CROOK-NECK.

Cocoanut. Very prolific, bearing six or eight fruits to a single vine; flesh yellow and quality good. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 25c.

Pine-apple. A fall and winter variety; skin and flesh creamy white; an abundant yielder. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 25c.

Hubbard. A well known standard winter variety, with very hard, firm shell, fine grain, sweet and rich flavor. A splendid keeper, and the most popular variety. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 25c.

Boston Marrow. A fall and winter variety; regarded very highly in the market.

Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 25c.

Mammoth Chili

A very large growing squash often attaining the enormous weight of 250 lbs. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 30c.

American Turban. A fall and winter variety; good keeper. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 25c.

SECTIONAL VIEW OF MEDITERRANEAN SQUASH.

Mediterranean. Flesh yellow and very dense; superior to Hubbard in flavor. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 30c.

Salsify—Bocksbart.

The oyster plant succeeds best in light, well enriched, mellow soil which, previous to sowing the seeds, should be stirred to a depth of 18 inches. Sow early in spring in drills 15 inches apart. Cover the seeds with fine soil, an inch and a half in depth, and when the plants are strong enough thin out to six inches apart.

Salsify. (Large White.) The standard variety. Packet, 5c; ounce, 15c; $\frac{1}{4}$ lb., 40c.

SCORZONERA. Mammoth Sandwich Island. A new and larger growing sort than the above, and of finer flavor. Packet, 5c; ounce, 30c; $\frac{1}{4}$ lb., \$1.00.

Scorzonera. (Black Salsify.) Similar to the white, save in color. Packet, 5c; ounce, 15c; $\frac{1}{4}$ lb., 40c.

Sea Kale—See Kohl.

Cultivated for its blanched shoots which are cooked as asparagus. Sow one inch deep in drills two feet apart. Thin out to six inches. As this vegetable is only used, like celery, when blanched, the plants must be excluded from the light by covering up with leaves or litter. Packet, 10c; ounce, 25c.

Sorrel.

Broad Leaved. Used as a salad. Sow in spring, in drills eighteen inches apart, in a rich soil, and keep the flower stems cut off as they appear. Cut and cooked like spinach. Packet, 5c; ounce, 15c; $\frac{1}{4}$ lb., 40c.

Tomato—Liebesapfel.

ACME.

The seed can be sown in any place (where a temperature of not less than 60 degrees can be kept) about the first week in March. When the plants are about two inches high they should be set out in boxes three inches deep, or put into small pots, allowing a single plant to a pot. If transplanted a second time the plants are rendered more sturdy. About the middle of May the plants may be set in the open ground.

Acme. Very productive; form round, very smooth and regular; delicious flavor; good shipping quality. Packet, 5c; ounce, 25c; $\frac{1}{4}$ lb., 75c.

PARAGON.

Paragon. Medium size; color dark red. Ripens evenly; very solid. Largely used for canning. Packet, 5c; ounce, 25c; $\frac{1}{4}$ lb., 75c.

Favorite. One of the most perfect shaped tomatoes grown. Very smooth, darker than the Perfection; ripens evenly and early. Packet, 5c; ounce, 25c; $\frac{1}{4}$ lb., 75c.

Perfection. Very large and early; blood-red; perfectly smooth, thick meat; few seeds. A good shipping sort; one of the best. Packet, 5c; ounce, 25c; $\frac{1}{4}$ lb., 75c.

Beauty. Extra early; grows in clusters of four or five; glossy crimson; solid, retains its color until late in the season. Packet, 5c; ounce, 25c; $\frac{1}{4}$ lb., 75c.

Mikado. One of the earliest, and largest sized; perfectly solid, and of unsurpassed quality. Color purplish red, like the Acme. The foliage is distinct from that of any other variety. Packet, 5c; ounce, 30c; $\frac{1}{4}$ lb., \$1.00.

Trophy Selected. An old standard variety. Fruit large, smooth, bright red, solid and good flavor. Packet, 5c; ounce, 25c; $\frac{1}{4}$ lb., 75c.

Canada Victor. A very early sort of the Trophy type, but claimed to be one of the earliest in cultivation. Packet, 5c; ounce, 25c; $\frac{1}{4}$ lb., 75c.

Yellow Plum. Bright yellow in color; round and regular in shape; useful for preserves. Packet, 5c, ounce, 25c; $\frac{1}{4}$ lb., 75c.

Turnip—Steckrube.

Turnips succeed best in highly enriched, light, sandy or gravelly soils. Commence sowing the earliest varieties in April, in drills from twelve to fifteen inches apart, and thin out early to six or nine inches in the rows. For succession, sow at intervals of a fortnight until the last week in July, from which time until the end of August sowings may be made for the fall and main crops.

STRAP-LEAVED EARLY PURPLE TOP.

Red Top Strap Leaf. Rapid grower, and of mild flavor; the most popular variety for early use. Flesh white. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 20c.

Early White Flat Dutch. Differs from above only in color. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 20c.

Yellow Aberdeen. Medium size; form round; yellow flesh; purple top; hardy and productive. Keeps well. Good for table or stock. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 20c.

TURNIP—Continued.

PURPLE TOP GLOBE.

Purple Top White Globe. An early Globe turnip; well-shaped, smooth, and a favorite sort, both for market gardeners and private use. A good keeper. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 20c.

Amber Globe. One of the best varieties, either for the table or for stock feeding. Yellow flesh, firm, fine grain; very sweet; keeps well. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 25c.

White Globe. An excellent white Globe variety; solid and firm; very desirable for table or stock. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 20c.

Golden Ball. One of the most delicate and sweetest turnips grown. Medium size, firm and solid. Splendid for the table. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 20c.

White Egg. Pure white, smooth and egg-shaped; rapid grower, and fine quality. Packet, 5c; ounce, 10c; $\frac{1}{4}$ lb., 20c.

Ruta Baga, Russian or Swede Turnip.

PURPLE TOP RUTA BAG.

American Purple Top. The standard yellow sort; very productive, prolific, solid; excellent flavor. Packet, 5c; oz., 10c; $\frac{1}{4}$ lb., 20c.

Large White or Sweet German. Superior for table or stock. Large, solid, sweet, fine-grained. Packet, 5c; oz., 10c; $\frac{1}{4}$ lb., 20c.

Large White Norfolk. Globe-shaped; flesh coarse grained and sweet. A heavy yielder; desirable for stock only. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c.

Tobacco—Tabak.

Sow in April or May, in drills one inch deep; transplant two feet apart each way.

Havana. Packet, 10c; ounce, 50c; $\frac{1}{4}$ lb., \$1.50.

Connecticut Seed Leaf. Packet, 10c; ounce, 30c; $\frac{1}{4}$ lb., \$1.00.

Sterling. One of the earliest to ripen; considered one of the best of the yellow type. Packet, 10c; ounce, 30c; $\frac{1}{4}$ lb., \$1.00.

Bird Seeds.

Canary, Hemp, Millet, Rape—7c. per lb.; 10 lbs., 60c.,

Seeds for Hedges.

	Per lb.
Arbor Vitae, American	\$ 3 00
Strong Plants	\$25.00 per 100
Barberry (clean seed)	1 50
" " " purple-leaved	3 00
Buckthorn	1 50
Hawthorn	1 00
Locust, Yellow	50
Locust, Honey or Three Thorned Acacia	50
Osage Orange	50
Privet, Japan	1 25
Privet, Common Evergreen	1 25
Sheep Berry	1 50

POT, SWEET AND MEDICINAL HERBS.

Send me the
names of Gar-
deners in your
locality.

A premium in
seeds will be sent
you for 5 names
of Gardeners.

Sow in April or May, in drills half an inch deep and one foot apart; thin out plants to six inches apart. They may be cut and dried before fully ripe, and preserved for winter use.

Anise. Seeds aromatic and carminative.....	Pimpinella Anisum....	Packet, 5c	ounce, 10c	¼ lb., \$.30
Balm. Has medicinal qualities.....	Melissa officinalis....	" 5c	" 40c	" 1.25
Basil, Sweet. Culinary herb, used for flavoring soups, etc.....	Ocimum basilicum....	" 5c	" 25c	" .75
Balladonna. Used in medicine.....	Atropa Belladonna....	" 5c	" 50c	" 1.50
Bene. The seeds yield a good oil. The leaves are used for dysentery and diarrhoea.....	Sesamum orientale....	" 5c	" 20c	" .60
Borage. Leaves used as a salad.....	Borago officinalis....	" 5c	" 15c	" .40
Caraway. Seed aromatic.....	Carum Carvi.....	" 5c	" 10c	" .30
Catnip. Has medicinal qualities.....	Nepeta cataria.....	" 5c	" 50c	" 1.50
Coriander. Seed aromatic.....	Coriandrum sativum..	" 5c	" 15c	" .40
Dill. Seeds aromatic, pungent, and medicinal.....	Anethum graveolens..	" 5c	" 15c	" .35
Fennel, Sweet. Seeds aromatic.....	Anethum Fœniculum..	" 5c	" 15c	" .40
Horehound. Has medicinal qualities.....	Marrubium vulgare....	" 5c	" 40c	" 1.25
Hyssop. " " ".....	Hyssopus officinalis...	" 5c	" 30c	" 1.00
Lavender. The oil and distilled water are very fra- grant.....	Lavandula vera.....	" 5c	" 30c	" 1.00
Marigold, Pot. Used in soups.....	Calendula officinalis...	" 5c	" 40c	" 1.25
Marjoram, Sweet. Used as seasoning.....	Origanum Marjorana..	" 5c	" 20c	" .60
Pennyroyal. Has medicinal qualities.....	Hedeoma pulegioides..	" 5c	" 60c	" 2.25
Rosemary. Yields an aromatic oil and water.....	Rosmarinus officinalis.	" 5c	" 50c	" 1.50
Rue. Said to have medicinal qualities.....	Ruta graveolens.....	" 5c	" 20c	" .60
Saffron. Used in medicine and also in dyeing.....	Carthamus tinctorius..	" 5c	" 15c	" .40
Sage, Common. Used as a culinary herb, and also in medicine.....	Salvia officinalis.....	" 5c	" 20c	" .50
Savory, Summer. Used as a culinary herb.....	Satureia Hortensis....	" 5c	" 20c	" .65
" Winter. " " ".....	Satureia montana.....	" 5c	" 40c	" 1.20
Tansy. Generally used as a bitters.....	Tanacetum vulgare....	" 5c	" 40c	" 1.25
Thyme. Broad-leaved English Used as a seasoning.....	Thymus Vulgaris....	" 5c	" 40c	" 1.25
Wormwood Has medicinal qualities.....	Artemisia Absinthium..	" 5c	" 30c	" 1.00

VEGETABLE PLANTS.

This stock is grown by a gardener who has devoted his entire time and attention to raising Vegetable Plants for shipping for a number of years. The stock is without question *the very best*. In ordering, always have plants sent by express; they will carry safely to any point that can be reached within 24 hours, as they are very carefully packed.

Transplanted Early Cabbage—

Ready April 1st.

Doz.—100—1000

Early Jersey Wakefield, Summer Drumhead, Winningstadt and Fottler's.....	10c.	60c.	\$5.00
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Transplanted Early Cauliflower—

Ready April 1st.

Early Snowball, and Earliest Erfurt	15c.	75c.	\$7.00
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Twice Transplanted Tomatoes—

Ready May 10th.

Acme, Favorite, Cardinal, Paragon, Mikado.....	20c.	\$1.00	\$8.00
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Twice Transplanted Pepper—

Ready May 15th.

Golden Dawn, Bell, Cayenne.....	20c.	\$1.00	\$8.00
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Twice Transplanted Egg Plants—

Ready May 15th.

New York Purple.....	25c.	\$1.50	10.00
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Sweet Potato Plants—

Ready May 15th.

Yellow Nansemond, and Yellow Jersey.....	10c.	35c.	\$2.50
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Late Cabbage—

Ready June 5th.

Premium Flat Dutch, Late Drum- head, Fottler's Brunswick, Red Dutch.....	10c.	25c.	\$2.00
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Late Cauliflower—

Ready June 5th.

Erfurt, Lenormand, Autumn Giant.....	10c.	50c.	\$4.00
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Late Celery—

Ready June 25th.

Crawford's Half Dwarf, Golden Dwarf, Boston Market, White Plume and Turnip Rooted Celery	10c.	40c.	\$2.50
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Special Rates will be made on large lots.

CHOICE VARIETIES OF FIELD CORN.

In selecting the following list of corn, the greatest possible attention has been given to the weeding out of poor varieties. Our corn has been specially selected for EARLINESS, PRODUCTIVENESS and GERMINATING POWER.

PRIDE OF NORTH.

The Leaming Corn. This is a dent corn. The stalks grow to a medium height, not large, but heavy, tapering gradually from root to top; has but few suckers, and matures in 90 to 100 days, and very often produces two medium-sized and well-filled ears per stock, which, in the true Leaming corn, are low upon the stalk. The grain is deep, narrow and thick, of a beautiful golden yellow color, and sets very close together in the rows; the cob is medium-sized and is very red. This corn husks and shells very easily, and will weigh 60 to 62 lbs., per measured bushel. Per bu., \$2.00, per peck, 60c.

Pride of the North Corn.

This is one of the earliest dent corns in cultivation. It has been grown further north than any other dent corn I know of, and matured a crop. When planted in Illinois, on the 4th of July, it has fully matured before frost; it can be planted twice as thick in the hill as large corn, and at the same time bear a full sized ear; this is a small dent corn and matures in 80 to 90 days. The stalk is short and thick, and frequently bears two good ears. The

ear is from 7 to 10 inches in length, and $1\frac{1}{4}$ inches in diameter; the grain is of a deep yellow color, is long, thick and narrow, and of a very oily nature; the cob is very small and red. Per bu., \$2.00; per peck, 60c.

Golden Dent Corn. This corn is adapted to the Middle, Western and Southern States. It thrives on a light soil, and will produce fair crops where many other kinds utterly fail. The ears are slightly above medium size, the cobs are medium in size, and have from 16 to 18 rows of a beautiful golden yellow, deep wide grain. I recommend this variety as worthy of a trial; it matures from 100 to 110 days. I do not recommend it north of the latitude of Chicago, Ill. Per bu., \$1.75; per peck, 60c.

Extra Early Yellow Flint Corn. The stalks grow from 8 to 10 feet high, and bear from 2 to 4 ears each. The ears are from 10 to 15 inches in length, well filled at ends of cob. The grain is a bright yellow color. This corn is the best for poor soil, having small stalk, with much corn. It matures in from 75 to 85 days. Per bu., \$2.25; per peck, 75c.

Hickory King Corn.

HICKORY KING.

SMALLEST COB, LARGEST GRAIN
PURE WHITE CORN IN
THE WORLD.

Hickory King is a regular field variety, medium early; will yield more on thin soil (yellow varieties not excepted) will shell more, and weigh more to a given measure, and make more ears to the stalk, and bear planting closer than any other field variety, as the stalks are neither over tall or large; never has barren stalks, no matter how thin the soil; it both shells and shucks easily, and will make as much fodder per acre as other kinds, from the fact, where you lose in height, you gain in the extra number of stalks. It doubles as often if not oftener than other corns, and frequently has four fair-sized ears to the stalk. It has a thin shuck and very small cob. By breaking an ear in half, one grain will cover the entire end

of the cob; length of ear, seven to nine inches; circumference of cob, two and one-quarter inches; circumference of ear, six and one-quarter to six and one-half inches; both ends of ear filled full out, even the short pieces frequently grained clear over the tip ends. FOR POOR OR MEDIUM SOIL IT IS WITHOUT DOUBT THE BEST WHITE DENT CORN KNOWN. Every farmer who grows corn should give the Hickory King a trial. Per packet, 10c; lb., 25c, postpaid. By express or freight, peck, \$1.00; bu., \$3.50.

Queen's Golden Pop-Corn. The best and most prolific variety grown; its quality and handsome appearance when popped are very noticeable; it pops perfectly white, and a single kernel will expand to a diameter of nearly one inch; the stalks grow six feet high, and the large ears are produced in abundance. Mr. Queen, the originator, says: "It is so far ahead of all others that I have seen or tried, as to be beyond comparison in every respect; in yield, in sturdy growth, in size, and in color when popped—being of a delicate golden yellow. Above all, is its exceeding tenderness when popped, together with its delicious and delicate taste." Per packet, 10c; pint, 40c; quart, 80c, postpaid. By express or freight, quart, 50c.

Evergreen Sweet Fodder Corn. All owners of cattle will find this a cheap and good crop to grow for feeding to stock in a green state during the summer months, helping out the shortness of summer feed and keeping up a supply of milk. *Very nutritious.* Price by express or freight, peck, 75c; bu., \$2.25; bags included.

King Philip Corn. A well known Red Flint variety. This corn is very productive and early; large, handsome ears. Per bu., \$2.50; per peck, 75c.

White Flint Corn. A desirable white corn of good size, with clear white grain free from suckers, and well worth a trial. Undoubtedly the best white flint grown. Per bu., \$2.50; per peck, 75c.

FARM + GRAINS

-AND-

GRASSES.

MILLETS.

GOLDEN WONDER MILLET

This is a Hybrid Millet. The combination was brought about by one of Minnesota's experimental farmers, who is largely engaged in growing seeds. This is the fourth year of its growth, each succeeding year showing marked improvements. Heads 18 inches in length, containing 18,000 seeds, are not at all rare. The average length of heads is about fifteen inches; height from ground to top of head six feet. *The yield is enormous.* The stalk at butt measures about one-fourth of an inch, full of broad leaves, resembling those of corn, yielding from ten to twelve tons of fodder per acre, which is as easily cured as clover hay. A splendid ensilage plant, the same as other millets — the advantage being that it will yield, under equal circumstances, three times as much seed and twice as much fodder per acre. "Golden Wonder Millet" can be grown and matured in high latitudes where corn will not ripen. It should be sown or planted about June 1st, and will then do to harvest after the wheat crop has been secured. To get the best results for seed purposes, it should be planted and cultivated like corn, in rows three feet apart, and from twenty inches to two feet apart in the rows, planting from five to seven seeds in the hill. If for fodder, sow on rich ground, and cut before the seed is ripe. One of the best crops known for cutting and feeding green for soiling purposes, since its yield is large, its leaves juicy and tender, and much relished by milch cows and other stock, making a palatable change from hay. NO BETTER FOOD can be found for poultry and swine, but is not equally well regarded as food for horses, but like flax seed, when fed in moderate quantities, gives good results. Ground and fed to calves or young stock it is par excellence. The seed of Millet, although seldom ground or used for flour, is said to exceed all other kinds of meal or flour in NUTRITIVE ELEMENTS. Where labor is more of a consideration than acreage, "Golden Wonder Millet" is an ESPECIALLY ECONOMICAL CROP. Another good quality is, it LEAVES THE LAND CLEAN; its vigorous growth crowding out

the weeds. The stock of this new Millet being limited, we offer it as follows. Packet, 15c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 60c, 1 lb., \$1.00.

German or Golden Millet. Medium early; height, 3 to 5 feet; heads closely condensed; spikes very numerous; seeds round, golden yellow, in rough, bristly sheaths. \$1.00 bushel.

Hungarian (Grass) Millet. (*Panicum Germanicum*.) Early; height, 2 to 3 feet; abundant foliage and slender head; withstands drought and yields well on light soils. \$1.00 bushel.

Pearl Millet. It requires from 3 to 5 pounds of *clean seed* of this most valuable fodder plant to sow an acre. Price, *clean seed*, 35c per lb. If by mail, 50c per lb.

Subject to variation in price. If by mail, postage must be added at the rate of 10 cts. per lb., or 15 cts. per quart.

Clovers.

Prices subject to variation. If by mail postage must be added at the rate of 10 cents per pound.

Alfalfa or Lucern. (*Medicago Sativa*.) Although this valuable forage plant may be grown in cold latitudes as well as in warm, as the plant is entirely hardy, yet its value is not so marked in cold climates, where it finds its competitor in Red Clover and the Grasses. But in light soils anywhere, particularly in southern latitudes, its deep rooting properties make it comparatively independent of moisture. Hence, it is the forage plant par excellence for the Southern States; and when it is considered that immense sums are paid annually by the Southern to the Northern States, not only for hay itself, but for freight, too, the wonder is how long they will continue to do so, with a material at hand to produce a better article at probably one-fourth the cost. Price of seed, 15c per lb., bushel, \$8.00.

Alsike or Hybrid Clover. (*Trifolium Hybridum*.) Almost equal in nutritive value to the Red or Pea Vine Clover. (60 lbs. to the bushel.) 20c per lb.

Bokhara Clover. (*Melilotus Leucantha*) Affords excellent food for bees throughout its season. 50c lb.

Japan Clover. (*Lespedeza Striata*.) 60c lb.

Red Clover, Mammoth or Pea Vine. Present price, 15c lb.

Red Clover, Medium. (*Trifolium Pratense*.) Present price, 10c lb.

Scarlet Clover. (*Trifolium Incarnatum*.) Sow in July or August for soiling or mowing ensuing spring. 30c lb.

Trefoil, Yellow or Hop Clover. (*Medicago Lupulina*.) An annual variety, suitable for sheep pasture and light soils. (60 lbs to bushel.) 30c lb.

White Clover. (*Trifolium Repens*.) Should be introduced in all mixtures for permanent pasture, and when required in lawns. (60 lbs. to the bushel.) 25c lb.

Buckwheat.

Common. Buckwheat should be sown about the 20th of June, broadcast, at the rate of from one to three pecks per acre. The average yield is from twenty-five to thirty bushels per acre. It should be threshed

BUCKWHEAT—Continued.

as soon as dry, on the ground or barn floor. If allowed to stand in mass it quickly gathers moisture Bu., \$1.00.

Silver Hull. This improved variety is much better than the old sort. It is in bloom longer, matures sooner, and yields double the quantity per acre. The husk is thinner, the corners less prominent, and the grain of a beautiful light gray color. The flour is said to be better and more nutritious. Peck, 75c; bu., \$2.00.

WELCOME OATS.

Oats.

Welcome White Oats. It is by all odds, the heaviest, handsomest and most productive variety of oats ever introduced. It surpasses all others in weight, weighing from 48 to 50 lbs. per bushel. The grain is very plump and full, with thin, white, close-fitting husk. They stool very heavily, with extra strong, straight, stiff straw, standing up well. It succeeds well in a wide range of climate, and on a great variety of soils. With good cultivation the Welcome Oats will yield from 80 to 100 bushels per acre. Price, peck, 50c; bu., \$1.50.

New Black Russian Oats. The Black Russian Oat is very prolific, yielding from 80 to 100 bushels to the acre—that is perfectly hardy; can be sown in the fall, as it will stand the severest cold weather without injury, and is entirely rust proof. The grain is heavy and plump, and weighs 42 pounds to the measured bushel. It is very prolific, rust-proof, hardy, with plump, black grain. Parties wishing to make a trial of it should send in their orders early. Peck, 50c, bu., \$1.50.

Race Horse Oats. This is a recently imported English oats. Tested in this country, with a large number of leading varieties, it proved nearly two weeks earlier than the common kinds. They are a very heavy cropper, with large plump grains. They have met with a very large sale, and the results are unusually satisfactory. Peck, 50c; bu., \$1.50.

Bonanza Oats, or New Zealand Monarch. This oats has large, handsome, plump white grains. A strong grower, and heavy yielder. It is well worth a trial. Our stock is Northern grown, and therefore preferable for change of seed stock. Quart, 15c; peck, 50c; bu., \$1.50.

White Russian Oats. Our stock of this well known favorite is Dakota grown. This variety is one of the

OATS—Continued.

most reliable and productive oats grown, and should have at least a trial from every farmer. Peck, 40c; bu., \$1.25.

Wheat.

Saskatchewan Fife Wheat. This wheat should be grown on every farm in the spring wheat belt. It is by all odds the very best for the Northern States. Its vigor of growth, its wonderful productiveness, its purity, its freedom from foul seeds, its earliness and healthfulness, together with its pre-eminent superiority as a milling wheat, should recommend it to every spring wheat farmer. Peck, 75c; bu., \$2.50.

Dakota Red Wheat. This is an excellent semi-hard, red spring wheat. The grains are large and plump, weighs 60 to 62 lbs. per bushel. It is very rank in growth. The straw is stiff and clear, with long heads, well filled out. It is almost a sure crop on exhausted soil, where Fife Wheat never fails. It is one of the best of varieties, 25 bushels per acre being an average yield. Peck, 75c; bu., \$2.25.

Spring Wheat French Imperial. This wheat is undoubtedly one of the best hard wheats. It will produce a good crop, where others fail; well adapted to ordinary soil, and is fast becoming a general favorite. Peck, 75c; bu., \$2.25.

Barley.

Common. Barley succeeds best on lands more sandy and higher than those adapted to wheat. Quantity sown per acre, about two and a half bushels. Per bu., \$1.00.

Mansury. A decided improvement on the Common. Ripens a week later than the 6-Rowed Barley, with large plump grains. Bright straw and strong growth. Price, per bu., \$2.00.

Vetches, or Tares.

Spring. (*Vicia Sativa*.) A species of the pea, grown extensively in England, and to a considerable extent in Canada, for stock, but not much used in the States. Culture same as field peas, two bushels per acre. Bu. \$2.00.

Flax.

Flax. (*Linum Usitatissimum*.) Sow late enough in the spring to avoid frost and early enough to secure the early rains. A fair average quantity of seed to be sown on an acre is one-half bushel, when cultivated for seed; if for fibre, a larger quantity should be sown. Cut before quite ripe, and if the weather be dry, let it lie in the swath a few hours, when it should be raked, bound and secured from the weather; thresh early in the fall and in dry weather. Selected seed, peck, 50c; bu., \$1.50.

Deciduous Tree and Shrub Seeds.**IT REQUIRES**

About 3 bushels Soft Maple seed for a 5-acre piece.

" 2 " Box Elder " " "
" 1½ " Ash " " "
Planted 4x4, or about 10,000 to 12,000 seeds.

	Per lb.
White American Ash.....	\$ 75
Black " ".....	1 00
Yellow " ".....	1 00
Box Elder.....	50
Western Birch.....	2 50
White American Birch.....	2 00
Barberry.....	1 50
Butternut.....	per bush., \$2.00
Black Walnut.....	" " 2.00
Hardy Catalpa.....	1 25
Cottonwood Tree.....	5 00
Flowering Dogwood.....	1 25
Common Elder.....	2 00
American Elm.....	3 00
Shell Bark Hickory.....	per bush., \$3 50.

TREE AND SHRUB SEEDS—Continued.

	Per lb.
European Larch.....	1 25
American Linden.....	1 50
Soft Maple.....	25
Sugar Maple.....	75
Norway Spruce.....	1 00

Fruit Seeds.

	oz.	lb.
Apple Seed.....Per bush., \$5.00; qt., 25.		
Apricot Pits.....	\$ 40	
Cherry Pits. Mahaleb.....	40	
“ “ Black Mazzard.....	3	
Nectarine Pits.....per 100	2 00	
Pear Seed.....		
Plum Pits. Green Gage.....	20	1 50
“ “ Damson, for grafting.....	20	
“ “ Myrobalon.....	20	
Quince Seed.....	20	2 00
Peach Pits.....per bush.. \$1.25; qt., 10c.

The Lawn.

A good lawn is one of the most pleasing features connected with a country or suburban home. To produce a good lawn, proper drainage and careful preparation of the ground is necessary. If any beds for flowers are to be arranged in the plot, or any trees planted therein, it should be done beforehand. Grade or level the ground to the desired form of surface. If in any place the ground should be removed to the surface of the sub-soil, enough of the latter should be taken away to replace with six or eight inches of top soil. Plow or dig up the surface thoroughly to a depth of twelve to fourteen inches and incorporate with it a liberal supply of well rotted manure, or bone dust. The latter is at all times preferable being more durable in its effects and free from weed seeds which are always contained in more or less quantities in stable manure. If the soil is of fair quality, 500 pounds of the bone meal to the acre will suffice; if poor, 1,000 pounds will be required. Before sowing the seed harrow the ground well until reduced to a fine surface. Use about seventy pounds of seed to the acre; after sowing rake in slightly and to finish up with, roll the surface well. The seed can either be sown as early in the spring as the ground is in good condition, or in September. There will be always more or less weeds appear in a new lawn; these should be taken out or they will overcome and smother the grass seed. When the

young grass is four to six inches high it must be mown but not too shortly; continue cutting it at intervals; an occasional mowing is always beneficial. In case of severe dry weather occasionally watering in the evening.

Central Park Mixture. We only keep one grade of Lawn Grass, the best; this is what is used by our CITY PARKS. Numerous private grounds in the city and surrounding are sown with our Lawn seed.

Per pound not prepaid 25c; one pound will sow an area of 20 feet by 20 feet, or about 5 bushels to the acre. Per bushel of 14 pounds, \$3.00.

Lawn Fertilizer. Invaluable for renovating old and worn out lawns, or in forming new ones. Inducing a rapid and rich green growth. Ten pounds will cover space of about 300 square feet. 10lbs., 50c; 20 lbs., \$1.00; 50 lbs., \$1.75.

Prices subject to variation.

Creeping Bent Grass. (*Agrostis Stolonifera*.) An excellent variety for lawns, succeeding well in most situations. About 2 bu., to the acre. (14lbs. to bu.) 40 cts. lb.

Crested Dog's Tail. (*Cynosurus Cristatus*.) Should enter in moderate quantity in permanent pasture mixtures, especially those for sheep on dry soils. In Great Britain this grass is particularly suitable for parks and ornamental purposes. (About 30 lbs. to the bu.) 75 cts. per lb.

English Rye Grass. (*Lolium Perenne*.) A very nutritious and valuable grass for meadows and permanent pastures. 2½ to 3 bushels to the acre. (Bu., of 24 lbs.,) \$2.00 bu; (Bu., of 26 lbs.,) \$2.25 bu, (Bu., of 28 lbs.,) Finest sample anywhere. \$2.50 bu

Fine Leaved Sheep's Fescue. (*Festuca Ovina Tenuifolia*.) Remarkable for the fineness of its leaves. Suitable for permanent pasture on high altitudes and dry situations, and often used in Great Britain for lawns, particularly those on dry soils. (About 18 lbs. to the bu.) 60 cts. lb.

Italian Rye Grass. (*Lolium Italicum*.) (18 lbs. to bu.) \$2.00 bu.

Johnson Grass. (*Sorghum Halapense*.) Popular in Alabama; 30c. per lb.

Kentucky Blue Grass. (*Poa Pratensis*.) (14 lbs. to bu.,) \$1.50 bu. Fancy (14 lbs. to bu.) \$2.00 bu.

Meadow Fescue. (*Festuca Pratensis*.) (22 lbs. to bu.) 50c. lb.

Meadow Foxtail (*Alopecurus Pratensis*.) (17 lbs. to bu.,) 50c. lb.

Orchard Grass. (*Dactylis Glomerata*.) (14 lbs. to bu.) \$2.00 bu.

Red Top Grass. (*Agrostis Vulgaris*.) (14 lbs. to bu.,) \$1.25 bu. Re-cleaned seed. (32 lbs. to bu.,) 20c. lb.

Red or Creeping Fescue, (*Festuca Rubra*.) Suitable for sandy sea coasts and on the slopes of railway cuts where the soil is dry. (About 14 lbs. to the bu.) 40c. lb.

Sheep's Fescue. (*Festuca Ovina*.) (12 lbs. to bu.) 30c. lb.

Sweet Vernal Grass. True Perennial. (*Anthoxanthum Odoratum*.) (14 lbs. to bu.) \$1.00 lb.

Tall Meadow Fescue. (*Festuca Elatior*.) Though rather coarse looking is very early, nutritive and productive. Should form a portion of all pastures on wet or clay soils. (About 20 lbs. to the bu.) 60c. lb.

Timothy, or Herd Grass. (*Phleum Pratense*.) Of this well known variety, so extensively grown throughout the country, we offer a particularly "choice" sample of seed. As fine as we have ever seen. From ½ to 1 bu., per acre. (45 lbs. to bu.) Price variable and given on application.

Wood Meadow Grass. (*Poa Nemoralis*.) Well adapted for either pasture or pleasure grounds, having succulent and nutritive herbage; of early growth, and thriving well under trees. 2 bu., to the acre. (About 14 lbs. to the bu.) 50c. lb.

GENERAL LIST OF FLOWER SEEDS.

All flower seeds are sent free by mail on receipt of price. Directions for cultivation on each Packet.

For each one dollar sent me for flower seeds in packets, the purchaser can select seeds in packets to the value of \$1.25.

Plants are known and described generally as Annuals, Biennials and Perennials.

ANNUALS are those plants that flower and mature their seed within a year after they are sown, and then perish.

TENDER ANNUALS are those that require heat, and will not vegetate in the open ground until settled warm weather.

HALF HARDY ANNUALS are those that will bear a slight frost, and may be sown in open ground a little earlier than tender annuals.

BIENNIALS are those plants that flower the second and sometimes the third year after the seed is sown, and then perish.

PERENNIALS are those plants that live and generate their species for several years successively.

Soils Most Suitable.—The soil best adapted to a majority of plants is a light friable loam, containing a moderate amount of vegetable matter, and sand enough to render it porous; but as it seldom happens that the amateur has a choice of soil, it is fortunate that most of them will succeed in any but such as is of an extremely gravelly nature, or of a stiff, heavy, retentive quality.

Manures.—The use of strong, crude manures should be carefully avoided. In ordinary good soil an annual dressing of decomposed stable manure, dug in to depth of about ten inches, and thoroughly incorporated with the soil, will be all that is needed.

Time of Sowing.—With regard to the proper time for sowing Flower Seed, much necessarily depends on the character of the season. As a general rule, they may be sown in open ground about the middle of May.

The best method to obtain early flowers is to sow seed of the most desirable, tender and half hardy species in pots, early in March. If kept in a warm greenhouse or window, or plunged into a moderate hot bed, they will be ready to transplant to open ground early in May. The season of blooming will be full three weeks earlier thereby.

Modes of Sowing.—Seeds may be sown in patches

among the border plants, in rows or groups, where they are to remain, or in a nursery bed, and afterwards transplanted. As a general rule, the surface soil should be rather dry than otherwise at the time of sowing; the operation should not be undertaken when the ground is very wet, especially at an early period of spring.

The Depth at which Seeds Should be Sown will vary with their size. Large seeds, such as Lupins, Marvel of Peru or Sweet Peas, should be sown about half an inch deep; medium size seeds, such as Balsams, Convolvulus or Thunbergia, about a quarter of an inch deep; while such as are very small require to be sown on the actual surface, a slight pressure being then sufficient to imbed them to a proper depth. If sown too deep, they are longer in germinating, and the smaller ones are liable to decay, through want of strength to open the pores of the earth. In absence of rain, water the seed occasionally from a fine rose watering pot.

Transplanting. As soon as the seedlings are an inch high, transplant to different parts of the garden. Remove the plants carefully with a small garden trowel, retaining as much of the soil to the roots as possible. Place the large growing kinds in the rear, and the small in front; above all things, avoid crowding them. Transplanting should, if possible, be performed in cloudy weather or towards evening; and, unless the soil is wet, the seedlings should be slightly watered, to settle the soil about the roots, shading them for a day or two afterwards, if necessary.

Neatness is indispensable in a flower garden, and neither the variety nor beauty of the plants will compensate for its absence. As the plants advance in growth, frequent weeding and hoeing will be necessary, as well for the sake of neatness as to stimulate their growth. Tie the tall growing kinds to neat rods or sticks, and train the vines or climbers on trellises, strings or poles.

Discounts on Flower Seeds

Customers ordering \$1 worth of Packets from this list may select flower seeds to the amount of... \$1 25

\$2 00.....	2 50
3 00.....	4 00
4 00.....	5 50
5 00.....	7 00

Collections of Flower Seeds. Our Selection.

We cannot permit any changes. Not subject to any discount. *Sent Postpaid by Mail.*

Collection A.	12 Beautiful Annuals.....	50
" B.	12 " Perennials.....	50
" C.	25 " Annuals.....	1 00
" D.	25 " Perennials.....	1 00
" E.	12 Splendid Climbers including Japan Hop.....	50
" F.	25 Splendid Climbers including Moon Flower.....	1 00
" G.	12 Choice Greenhouse Varieties.....	1 00
" H.	12 Varieties selected for Rock-work or Vases.....	50

ANNUALS

Abronia—*Abronie*.

Packet.

Deliciously fragrant verbenalike plants, the odor from the flowers being more noticeable toward evening.

Abronia Arenaria. Waxy yellow, $\frac{1}{2}$ foot..... 10

Abronia Umbellata. Rosy lilac, $\frac{1}{2}$ foot..... 5

ABRONIA

Achillea.

A valuable addition to our hardy border plants, growing about 18 inches high. Flowerable, pure white..... 10

Ageratum—*Leberbalsam*.

This plant is of the easiest culture whether used for summer blooming or winter. It keeps up a constant succession of bloom.

Ageratum Mexicanum. Lavender blue, 2 feet... 5

Ageratum Tom Thumb. Blue, 6 inches..... 5

Adonis—*Adonisroschen*.

A popular border flower, very strong, remaining a long time in bloom.

Adonis Aestivalis 1 foot... 5

" **Autumnalis.** 1 foot..... 5

AGERATUM.

Agrostemma—*Lichtnelke*.

Crown of the field. Free flowering and very attractive.

Agrostemma Coeli Rosea. Rose, 1 foot..... 5

" **Alba.** Pure white, 1 foot.... 5

Alonsoa—*Halbblume*.

One of the most desirable plants that can be grown. Flowers all summer.

Alonsoa Grandiflora. Bright scarlet, 18 inches... 5

Alyssum—*Steinkraut*.

Very desirable for summer or winter blooming. Easy of culture, with a delicate, honey-like fragrance. Much prized for bouquets and baskets.

Alyssum Sweet. Flowers white, 1 foot..... 5

Alyssum Compactum. Showy yellow, 9 inches... 5

Benthami Compactum. White, 6 inches..... 5

ALYSSUM.

Amaranthus—*Amaranthus*.

Grown for their foliage; when they have reached full development the glowing effect produced by their rich mass of foliage is scarcely equaled by any other plants.

Amaranthus Candatus. Love lies bleeding, red, 2 feet..... 5

Amaranthus Solcifolius Fountain Plant, orange, carmine and bronze, 2 feet..... 5

Amaranthus Tricolor. Joseph's Coat, red, yellow and green, 3 feet..... 5

A. BLAND.

Amaranthus Bicolor Rubra. Green and dark red tipped with yellow..... Packet, 5

Aster—*Astern*.

This beautiful flower grows in popularity every season. Great improvements are made in the varieties every year, and new and beautiful additions made to the list of standard sorts. My stock is from one of the largest growers in Germany, who has sent out some of the best novelties lately introduced.

Comet Aster. New. Pure deep rose flowered variety of the new tribe introduced two seasons ago, with very large and extremely double flowers, similar in shape to the Japanese Chrysanthemum... 15

COMET ASTER.

Packet.

Triumph. Introduced last season. One of the most beautiful and perfect of all asters. Attains a height of but 7 to 8 inches, the flowers measure $2\frac{1}{2}$ to 3 inches across, the color is peculiarly rich and brilliant, deep scarlet, well adapted for borders... 25

Aster Truffaut's Peony Perfection. Petals are turned toward the center, and the flower not quite in full bloom, resembles a ball; but few side flowers, and a beautiful variety of colors, mixed, $1\frac{1}{2}$ feet..... 10

Crown Flowered, or Cocardeau. Large white centers, surrounded by scarlet, carmine, velvet, blue and many other colors. Flower large and double; all colors, mixed..... 10

German Dwarf. A fine variety, growing only $\frac{3}{4}$ foot high; flowers similar to the double quilled; good form and abundant bloomer. All colors; mixed..... 5

Bouquet Pyramidal. The plant, when well grown, forms a complete bouquet of itself, and often numbering from 150 to 200 flowers to the single plant. All colors, mixed..... 10

Dwarf Pyramidal Bouquet. Blood red, brilliant, distinct. Mixed..... 10

Dwarf Chrysanthemum Flowered. This is a valuable late variety, very uniform in height. The flowers are from 3 to 4 inches in diameter, blooming so profusely as to completely hide the foliage; very good for pot culture. Mixed..... 10

Any of the above varieties can be furnished in the separate colors of white, rose, crimson, light and dark blue, at 10c per packet.

ASTERS—Continued.

Packet.

- Globe-Quilled.** This is a fine old variety. The flowers are formed in the shape of a half ball. Mixed 10
- Imbricated Pompon.** Pyramidal growth with medium sized flowers of the most perfect form, very double and intensely imbricated. Six colors, mixed. 10
- Porcupine, or Hedgehog.** The flowers are composed of long, quilled, curious-looking petals, hence the name. Mixed 10
- New Rose-Flowered.** Large as Peony Asters, beautifully imbricated, of oval form and very double. The colors are carmine, dark blue, deep purple, bright crimson, white tinted blush, crimson. Mixed 10
- Victoria.** Plant very robust, about 1 3/4 feet in height, forming a compact bush, crowned with from 10 to 20 flowers, half of them of the size of the largest Giant Emperor Asters. 10
- Pure white 15 Mixed 10

Anagallis—Gauchheil.

Very useful for rockwork or borders, where low growing plants are mostly desired.

- Anagallis Cœrulean.** 6 inches, sky-blue flowers. 5
- Anagallis Grandiflora Sanguinea.** 6 inches, ruby red. 5

Balsams—Balsamine.

STRIPED BALSAM

The well-known Balsams, or Lady's Slipper, are of the first of our summer flowers. Free bloomers and highly colored. By transplanting them once or twice the flowers are apt to be more double.

- Double.** White, scarlet, rose, crimson, mixed. 5
- Camellia Flowered.** White, pink, crimson, striped. 5
- Solferino.** Double, blood red, white, mixed. 5

Bartonia—Bartonie.

A very strong plant when in bloom. Flowers expand in the middle of the day.

- Bartonia Aurea.** Golden yellow, 2 feet. 5
- " **Nana.** Dwarf, 9 inches. 10

Brachycome—Kurzchopf.

Dwarf growing plants, blooming freely all summer, with cineraria-like blossoms, blue and white.

- Brachycome Iberidifolia.** (Swan River Daisy) 1/2 foot 10

Browallia—Browallie.

A very handy annual, fine for massing and ribbon gardening. The large flowering is a new variety with flowers of double the size of any other species.

- Browallia.** Large flowering, mixed blue and white. 5
- " **Elata.** Blue, 1 1/2 feet. 5
- " **Alba.** White, 1 1/2 feet. 5

Cacalia—Pestwurz.

Very pretty tassel-shaped flowers; free flowering and hardy; flowers yellow and scarlet, 1 1/2 feet. 5

Calendula—Ringelblume.

Packet.

CALENDULA.

The Calendula is a very showy plant, useful for beds and backgrounds, growing well in any situation.

- Calendula, Meteor.** Very fine, light yellow, striped with orange. 5
- " **Prince of Orange.** A new variety, very handsome. 5
- " **Pongei fl. Pl.** (Pot Marigold) double white. 5
- " **Plurialis** (Cape Marigold) large, pure white. 5
- Calendula, Ranunculoides fl. Pl.** (Garden Marigold), double orange. 5

Calandrinia—Calandrinie.

Handsome, free blooming plants, suitable for baskets or rock work

- Calandrinia Grandiflora,** rosy pink, 1 foot. 5
- " **Umbellata,** violet crimson, 1/2 foot. 5

Calliopsi—Wanzenblume.

A very useful and brilliant class of hardy annuals. Flowers are of every shade of yellow, orange and reddish brown.

- Calliopsis,** mixed, 2 feet. 5
- " **Atrosanguinea,** dark crimson. 5
- " **Drummondii,** yellow. 5
- " **Tinctoria,** yellow and brown. 5

Callirhoe.

Blooms while plants are yet very small, continuing throughout the summer and fall.

- Callirhoe Involucrata,** purplish crimson, 1 foot. 5
- " **Pedata,** crimson purple with white eye, 2 ft. 5

CALLIRHOE.

Campanulata—Glockenblume.

This variety contains both annuals, biennials and perennials, and is very useful for border or pot plants.

- Campanulata Carpatica Alba.** Pure white, H. P., 1 foot. 5
- Campanulata Media.** Double blue (Canterbury Bell). 5

Carnation—Landnelke.

These well known favorites are saved from the finest German collection.

- Carnation Tree or Perpetual,** 1 to 2 feet, mixed. 25
- " **Grenadin,** scarlet, dwarf. 15
- " **Picotee,** edges of petals bordered with various colors. 20
- " Double mixed, for borders. 10

Catchfly—Muckersfang.

Showy, bright colored, free flowering, suitable for rockwork. The double varieties produce about 80 per cent of double flowers.

- Mixed, single. 5
- " double. 5

CANDYTUFT.

Candytuft—Schleifenblume.

One of the most popular annuals; hardy, almost equally so as Sweet Alyssum, like it of the easiest culture, splendid for bouquets or borders.

Candytuft, white fragrant, 1 foot..... 5

Candytuft, crimson, 1 foot. 5
" mixed, " " 5

Centranthus—Spornblume.

Compact growing plants, free bloomers.

Centranthus, mixed, red and white, 1½ feet..... 5

Clarkia—Clarkie.

This is an old favorite, very pretty, and of easy cultivation. A bed of these is very beautiful, especially the double varieties.

Double mixed, 1½ feet. 5
Single " " " 5

GROUP OF CLARKIAS.

Celosia—Hahnen Kamm.

Annual plants of tropical origin; one of the most satisfactory and showy for garden decoration, bearing in the greatest profusion spikes of beautiful, feather-like blooms.

Celosia Plumosa Aurea. Golden yellow, 3 feet..... 10

Celosia Cristata. Dwarf crimson, 1 foot..... 10

Celosia Pres. Thiers. Dwarf crimson..... 10

CELOSIA.

Chrysanthemum—Gartenuntherblume.

Within the past few years this variety has become a general favorite, and numerous beautiful specimens have been added to the list. Our mixture is very fine.

Chrysanthemum. Mixed..... 10

Convolvulus—Niedrige Winde.

One of the most popular annuals in cultivation. The minor varieties are well suited for bedding. They attain an average height of one foot.

Convolvulus Minor. Mixed.. 5

Collinsia—Collinsie.

Pretty, free flowering annuals. If sown in autumn, they will live through the winter and bloom early in the spring.

Collinsia. Mixed..... 5

CONVOLVULUS MINOR.

Clianthus—Cianthus.

Beautiful plants, with pea-shaped flowers. Sometimes called the Glory Pea.

Clianthus Dampieri. Scarlet, with black spots, 4 feet..... 10

Cuphea—Cigarrepflanze.

Commonly called Cigar Plant. Very useful for bedding; free bloomers.

Cuphea Grandiflora Superba. Red blossoms, 3½ feet..... 10

Cuphea Miniata. Vermilion scarlet, 12 inches....

Cucumis—Zier-Gurke.

Ornamental cucumbers, with curious fruit, remarkable for the luxuriance and rapidity of their growth.

Cucumis Flexuosus. Snake Cucumber..... 5

" Grossularia. Gooseberry Gourd..... 5

Datura—Stechappfel.

Sometimes called Trumpet Flower. Thorn Apple. Curious and pretty, sweet scented, hardy annual with double purple and white flowers attaining a height of 3 feet.

Datura Fastuosa Huberiana..... 10

Dianthus—Land Nelken.

This variety is one of the most satisfactory that can be raised from seed.

Dianthus Chinensis. China or India Pink, double mixed.. 5

" Heddewigii. Japan Pink, double mixed..... 5

" Imperialis. Imperial Pink, double mixed... 5

" Lacinatus. Fringed variety..... 5

Erysimum—Hederich.

Showy, free flowering handsome hardy annuals, very effective in beds or mixed borders.

Dianthus Heddewigii. I've in beds or mixed borders.

Erysimum Arkansamum. Sulphur, 1½ feet..... 5

Erysimum Peroffskianum. Orange..... 5

Erythrina—Korallenbaum.

Half hardy shrub, about 5 feet high, bearing large spikes of deep scarlet pea-shaped blossoms.

Erythrina Christa Galli. Scarlet..... 10

Eucalyptus—Gummibaum.

Blue Gum Tree. (Fever and Ague Plant.) It makes a pretty tree, and would form an object of interest in sub-tropical planting in one season; is not hardy.

Eucalyptus Globulus..... 10

Euphorbia—Wolfsmilch.

Very pretty annual with variegated foliage, hardy.

Euphorbia Variegata. 1½ feet..... 5

Eschscholtzia—Eschscholtzie.

Profuse blooming plants, of extremely rich and varied color; fine for beds or rockeries. Sometimes called California Poppy.

Eschscholtzia Californica.

Yellow orange center, 1 ft. 5

Eschscholtzia Californica

Alba. fl. Pl. Doub. white 10

Eschscholtzia Crocea fl.

Pl. Orange scarlet.... 10

Echeveria—Echeverie. Packet.

Largely used both as a pot plant for decorative purposes and for bedding out in summer.

Echeveria, Metalica 25

Fenzlia—Fenzlie.

A dwarf-growing plant, well-suited for rustic baskets or vases; flowers, rosy lilac, with orange centre, 10

Gaillardia—Gaillardie.

Striking-looking class of plants, presenting quite a diversity of color. Fine for bedding.

Gaillardia Coccinea Nana. Dwarf scarlet, 1 ft. 5

Gaillardia Lorenziana. Mixed 5

Gilia—Gilie. GAILLARDIA.

Very pretty dwarf plants; will bloom in almost any situation; admirable for massing.

Gilia. Tri-color—white, lilac and purple, 1 ft. 5

Gilia. Mixed 5

Gomphrena—Kugelamaranth.

Remarkably handsome; everlasting; useful for winter bouquets. Sometimes called Bachelors' Buttons. Mixed, all colors, 2 ft. 5

Glaucium—Gartenmohn.

A showy plant, with large, silvery leaves, gracefully recurved, and deeply cut and curled.

Glaucium Corniculatum. Flowers bell-shaped. Orange-yellow 10

Gnaphalium—Edelweiss.

The true Edelweiss of the Alps. The flowers are a downy texture, pure white, and star-shaped. They are greatly sought after as souvenirs, and are sold at a high price in Switzerland 15

Godetia—Godetie.

A beautiful plant, a favorite in England, with delicate tints of purple and pink.

Godetia. The Bride; white, with crimson centre. 5

" Mixed 5

Heliophila—Sonnenfreund.

A pretty, bright blue hardy annual, useful for edgings.

Heliophila Araboides. 1 foot 5

Helipterum—Sonnenflugel.

A useful little plant, producing large clusters of small, rich, yellow flowers.

Helipterum Sanfordii. ¾ foot 10

Honesty—Atlasblume Oder.

Interesting summer blooming plants. The seed vessels are flat and broad, and look like transparent silver. Very handsome biennial.

Lunaria Biennis. Purple, 2 feet. 5

Ice Plant—Eispflanze.

A curious trailing plant. The leaves and stems are covered with crystalline globules, giving it the appearance of being covered with ice.

Mesembryanthemum Crystallinum. ½ foot. 5

Ipomopsis.

Very showy and beautiful plants, with long spikes of dazzling flowers, orange and scarlet; 3-foot biennial.

Ipomopsis Elgans. Scarlet. 5

" **Superba.** Orange 5

Jacoea—Kreuzkraut. Packet.

Sometimes called Senecio; hardy and of the easiest culture. Mixed double, ½ foot 10

Kaulfussia—Anmuthsblume.

A very useful plant for borders, of dwarf, compact growth.

Kaulfussia. Mixed, ½ foot. 5

Larkspur—Rittersporn.

Flowers the first season. Free bloomer of easy culture.

Larkspur Dwarf Rocket.

Double mixed, 1 foot. 5

Larkspur, Tall Rocket.

Double, mixed, 2½ feet. 5

Lobelia—Lobelia.

Dwarf growing plant. Suitable for edgings, vases or hanging baskets.

Lobelia Gracilis. Light blue, spreading habit, ½ foot 5

Lobelia Crystal Palace Compacta. Blue; the best bedding variety 5

Lobelia Speciosa. Good bedding sort 5

LOBELIA. Lupinus—Lupine.

A very interesting plant of easy culture producing beautiful leaves and pea-shaped flowers.

Lupinus, mixed 2 feet. 5

Marigold—Sammtblume.

Well known garden favorites. The African is the tallest and most striking in large beds, while the French varieties are admirably adapted for small beds.

Marigold, French Dwarf. Orange brown & yellow mixed 1 foot 5

Marigold, African Tall, mixed 2 feet. 5

FRENCH MARIGOLD.

Mathiola—Levkoye.

Mathiola Bicornis, an evening scented stock growing over a foot high. During the daytime the blossoms of pink and lilac are partially closed. Towards evening they expand fully, remaining so during the night emitting a delicious fragrance. 10

Marvel of Peru—Wunderblumen.

Exceedingly fragrant, opening in the evening and withering next morning. Also known as Four o'clocks mixed. 5

Mignonette—Reseda.

An old favorite that has been improved very much the past few years. Among the recent introductions are Bird's Mammoth, Golden Queen, Machel.

Mignonette Golden Queen, a distinct sort, a mass of golden yellow 10

Mignonette Machel Dwarf, of pyramidal growth, red, scented 10

Mignonette Bird's Mammoth fragrant immense spikes. 10

Mignonette Parson's, white 10

Mignonette Hybrid Spiral strong grower, very fragrant 10

MIGNONETTE SWEET.

Mignonette. Sweet large flowered. 5

Nemophila—Hainblume. Packet.

One of the best dwarf hardy annuals; compact, good colors, blooms all summer. Also called Love Grove.

Nemophila. Mixed, 1 ft. 5

Nicotiana.

Nicotiana Affinis. Very desirable for greenhouse or conservatory culture in winter, and the open ground in summer. Flowers pure white, very fragrant, and borne in clusters. 10

Nierembergia—Nierembergie.

Very desirable for edgings or hanging baskets, the white and purple flowers showing up well.

Nierembergia Frutescens. Flowers, white and blue, 1 ft. 5

" **Gracilis.** Flowers, white and purple, 1 ft. 5

Nigella.

Curious and interesting, free flowering plants, of easy culture, growing in any soil.

Nigella. Mixed. 5

Nolana—Zimbelblume.

Very pretty trailing plant, suitable for rustic work or hanging baskets.

Nolana Lanceolata. Sky-blue, with white throat, ½ ft. 5

NOLANA.

Nasturtium—Kapuzinerkresse.

A valuable summer plant; will stand any amount of heat and drought. Flowers well in a poor, rocky soil. The Tom Thumb varieties are splendid bedding sorts. For the tall varieties, see climbers.

Nasturtium. Tom Thumb, scarlet, 1 ft. 5
 " Spotted ... 5
 " Ruby King, wine-color ... 5
 " Empress of India, crimson ... 5
 " King Theodore, dark maroon ... 5
 " Pearl, white ... 5
 " Mixed, all colors ... 5

NASTURTium, EM-PRESS OF INDIA.

Oxalis—Sauerklee.

Very desirable for baskets, borders or rock-work.
Oxalis Rosea. Erect, young, rose colored flowers, ¾ ft. 10
Oxalis Tropaeoloides. Deep, yellow, brown leaves, ½ ft. 10

Oxalis Valdiviana. Bright yellow, sweet scented, 10

Oenothera—Nacht Kerze.

Evening Primrose or Sun Drops. Beautiful, free growing and useful class; flowers growing in long spikes. *Oenothera* mixed, 2½ feet. 5

Perilla—Perille.

Ornamental-leaved plants, with black, purple-colored foliage; used for lawn groups or ribbon lines.

Perilla Nankinensis. 1½ ft. 5

" **Lacinatus.** Cut-leaved variety. 5

Phlox Drummondii—Flammenblume.

PHLOX DRUMMONDII.

One of the best annuals. Flowers freely all summer, for richness of color they cannot be surpassed. Packet.

Phlox Drummondii in separate colors; white, purple, rose, yellow, striped, and blue, 10

Phlox Drummondii mixed, 5

Portulacca—Portulak.

A favorite little flower, of easy culture; does better in an exposed, sunny situation. The double flower is very fine.

Portulacca. Mixed, all colors, ½ ft. 5
 " Double, all colors. 15

POPPY.

Poppy—Gartenmohn.

Large and brilliantly-colored flowers; very showy.

Poppy, Carnation Flowered. Double mixed. 5

Danebrog. Brilliant scarlet, white spot. 10

Umbrosus. Vermilion, black spot. 10

Orientalis. A perennial scarlet. 10

Bracteatum. Perennial orange scarlet. 10

Ricinus—Wunderbaum.

Tall, stately-growing plants, of tropical appearance; very ornamental.

Ricinus. Mixed varieties, 10 ft. 5

" **Gibsonii.** Dark-red foliage. 5

" **Tricolor** 7 ft. ... 5

RICINUS.

Scabiosa—Wittwenblume

A splendid border plant, with great variety of colors, free bloomer. Also called Mourning Bride.

Scabiosa. Mixed, 2 ft. ... 5

Salpiglossis—Trompetenzunge.

Beautiful blooming plants, with large, mottled and veined flowers; excellent for bedding.

Salpiglossis. Mixed, all colors, 1½ ft. 5

Pansy—Stiefmutterchen.

This variety is too well known to need any description. My stock is from one of the best German growers and has never been surpassed.

KING'S EXHIBITION PANSIES.

The grower of this superior strain has received a large number of first prizes for the extraordinary perfection of his flowers. This standard has only been attained by the most careful selection. I offer this season a list of over fifty separate and distinct colors to choose from.

Those marked with a * are adapted for carpet bedding and arabesques.

- 1 Violet with white center.
- 2 Violet with yellow center.
- 3 Brown with gold bronze.
- 4 Black with gold bronze.
- 5 Black with violet.
- 6 Dark fine sorts.
- 7 *Dr. Faust, jet black.
- 8 Five-spotted on white ground.
- 9 Five-spotted on yellow ground.
- 10 Five-spotted on red ground.
- 11 Five-spotted mixed.
- 12 Large-spotted on white ground.
- 13 Large-spotted on yellow ground.
- 14 Large-spotted on red ground.
- 15 *Large-spotted white.
- 16 Large-spotted white with blue edge.
- 17 *Large-spotted yellow.
- 18 Large-spotted mixed.
- 19 *Light blue.
- 20 *Emperor William ultramarine blue.
- 21 *Dark blue; favorite sort for bouquets and garlands.

PANSIES.

22 *Blue black shaded.	40 Silver-seam.
23 *Purple violet shaded (Lord Beaconsfield).	41 Purple with yellow edge (fiery colored).
24 *Purple violet.	42 Purple with white edge.
25 Rosa lilac.	43 *Purple mantle.
26 Striped on lilac ground.	44 Marbled, dark.
27 Striped on bronze ground.	45 Marbled, white ground (white edge).
28 Striped mixed.	46 Marbled, yellow ground (gold edge).
29 Bronze.	47 Marble colored.
30 Bronze with yellow center.	48 Marble mixed.
31 Velvet brown.	49 Gloriosa perfecta (quadri-color), steel blue with white and red edges.
32 Havana brown.	50 Black with red and white edge.
33 Havana brown with yellow center.	51 Black with red and yellow edge.
34 *Deep yellow.	52 Little Red Riding Hood.
35 Goldelse.	53 Trimardeau, very large flowers.
36 *Pale yellow.	54 Cassier, very large flowers.
37 *Snow white.	
38 *White.	
39 White spotted with violet.	

Price, per packet.....	\$ 50
Ten packets, your own selection.....	4 00
Finest mixed from named sorts, per oz.....	8 00

Finest mixed from named sorts, per packet,.....	25
Good mixed pansy, per oz.....	3 50
Fine mixed, per packet,.....	10

Sanvitalia.

Packet.

Dwarf, free growing plants, suitable for rockwork or bedding.

Sanvitalia Procumbens, fl. pl. Golden-yellow, ½ ft..... 5

Sedum—Fetthenne.

Also known as Stone Crop. A curious plant suitable for hanging baskets.

Sedum, mixed, 1 foot..... 5

Stocks—Lev Koye.

Well known favorites, suitable for every garden; sometimes called Gilly Flower, continues in bloom long time.

Stocks Dwarf German Ten Weeks, fine mixed 5

" **Large Flowering, choice mixed.... 10**

Separate colors of above, pure white, purple, rose, scarlet, blue and yellow..... 10

Torenia—Torenia.

A splendid plant for vases or hanging baskets. Succeeds well in open ground; free bloomer.

LARGE FLOWERED TEN WEEKS STOCK.

Torenia Fournierii, sky blue, yellow throat..... 10

Saponaria—Seifen Kraut.

Packet.

Bouncing Bet. Pretty compact plants with masses of minute cross-shaped flowers, fine for bedding. In bloom all summer.

Saponaria Calabrica, pink, ½ foot..... 5

" **Alba, pure white, ½ foot..... 5**

Schizanthus—Spaltblume.

Large flowering plants suitable for greenhouse decoration; good bedding plants for summer.

Schizanthus, mixed, 2 feet..... 5

ZINNIAS**Whitlavia—Whitlavia.**

Pretty annual with bell-shaped flowers, blooming profusely from July to September.

Whitlavia Grandiflora, violet blue, 1 foot..... 5

Zinnia—Zinnie.

Youth and old age. This plant has been improved until they rival the Dahlia in brilliant colors and symmetry.

Zinnia, Large Flowering Dwarf mixed, 2 feet..... 5

Petunias—Petunie.

Needed in every garden.
One of the showiest plants
in cultivation. Packet.

Petunia Hybrida Striped and blotched mixed	10
Inimitable. 8 in. cherry red with white star	10
Countess of Ellsmere. Pink white throat	10
Fine Mixed	5
Double Marginata. Green edged mixed	50
Fimbriata fl. pl. Double fringed, large flowers mixed	50
Fancy Hybrids. Double mixed	50

PETUNIAS.

PERENNIALS.**Aconitum.**

Packet.

Monkshood, or Wolfsbane; hardy perennial, growing well under trees, shrubberies, or shaded places.

Aconitum Napellus. Blue and white, 2 ft. 5

Arabis Alpen—Ganse Kraut.

Early-blooming Alpine plant; also called Wallcress; well adapted for borders and rockwork.

Arabis Alpina. White, $\frac{3}{4}$ ft. 10

Aquilegia—Akelei.

Fine, free-flowering, hardy border plants; should be in every garden. Exceedingly showy, and early bloomers. 2 ft.

Aquilegia. Single, mixed 10
" Double, " 5

Bellis—Kurzschopf.

Double daisy; an old favorite and charming spring flower.

Bellis Perennis, fl. pl.

Finest, mixed, $\frac{1}{4}$ ft. 10

Bellis Longfellow, double,

dark rose 15

Bellis Alba, fl. pl. Double,

pure white 10

Bocconia—Bocconie.

Beautiful and ornamental, especially for lawns; foliage large and finely cut; well adapted for pot culture.

Bocconia Japonica, 5 feet 10

Cannas—Blumenrohr.

The Cannas are particularly suitable for forming groups on lawns or backgrounds for dwarf growing plants; largely used in the Chicago parks.

Canna Tricolor. Bright scarlet, striped foliage, 2 ft. 10

" **Zebrina.** Scarlet, 4 feet 10

" **Warscewiczii.** Red, variegated foliage, 3 ft. 10

" Fine mixed 5

Cowslip—Gartenprimel.

Very useful for early blooming; fine English mixed, $\frac{3}{4}$ foot 5

Dahlia—Geoginen.

Comprising every shade of color; blooms in the fall; needed in every garden.

Dahlia Double Mixed, 4 to 6 feet 10

" **Single** Mixed, beautiful collection 10

Digitalis—Fingerhut.

Packet.

Handsome ornamental plants of stately growth and varied colors.

Digitalis. Fine mixed 5

Hollyhock—Stockrosen.

One of the old garden favorites; the double varieties are exceedingly handsome.

Hollyhock Double, mixed choice 10

Separate colors, pure white, crimson, pink, yellow, maroon. Packet, 10c.

Heliotrope—Sonnenwende.

Well known deliciously fragrant, excellent for bedding purposes or pot culture.

Heliotrope. Mixed, 18 inches 10

Impatiens—Sultana.

A perennial balsam, specially adapted for decorative purposes; a good bedding plant; splendid for dinner table decoration 15

Lantana—Wandelroschen.

A fine bedding plant, flowers are borne in verbenalike heads embracing every shade of pink, purple, orange and white.

Lantana Hybrida, mixed 10

Lychnis—Lichtnelke.

Free bloomers, very handsome; and showy effective for flower and shrubbery borders.

Lychnis Chalcedonica. Scarlet 2 feet 5

Lychnis. Mixed 5

Violet—Veilchen.

Much in demand on account of its profusion of bloom and its delightful fragrance.

Viola Oderato. (Sweet Violet) 10

Verbena—Eisenkraut.

This beautiful and popular plant blooms freely from seed; very valuable for decoration.

Verbena. Mixed 5

" Separate colors, scarlet, white, striped 10

Wallflower—Goldlack.

An old garden favorite, much esteemed for its fragrance.

Wallflower. Double, mixed 10

" Single, " 5

BELLIS PERENNIS.

MIMULUS.

Mimulus.

Monkey flower. Comprising numerous varieties, with white, sulphur and yellow grounds, spotted crimson, scarlet and pink. They do best in damp shady situations and bloom freely. Packet.

Mimulus Cardinalis.

Scarlet, 1 foot..... 10

Mimulus Tigrinus fl. pl. Double mixed..... 10

Mimulus Moschatus. (Musk Plant.) yellow ½ foot..... 10

Myosotis—Alpen Virgissmeinnicht.

Forget-me-not. All the varieties of these popular plants are very beautiful and general favorites with all; they succeed best in a moist situation.

Myosotis Palustris, blue, ½ foot..... 10

“ **Disitiflora**, earliest of all; dark blue, ½ foot..... 10

Pentstemon—Barfader.

Valuable herbaceous plants, with Gloxinia-like flowers, blooming from May until frost. Mixed, 2 ft. 10

Rocket—Mutterviole.

Well known, very fragrant, early spring flowering plants, growing and blooming freely 1 ½ feet. mixed..... 5

Salvia—Salbei.

Sage plants; their brilliant color makes them favorites in every garden; seed sown early in spring will flower during August and September.

Salvia Patens, deep blue, 3 feet..... 10

“ **Splendens**, scarlet, 3 feet..... 10

Sweet William—Bartnelke.

Well known favorites with most brilliant color; the varieties have been greatly improved of late years; mixed from a splendid collection..... 10

CLIMBERS.**Abobra.**

A rapid-growing climbing gourd, with scarlet fruit, forming a striking contrast to the dark, glossy green of the foliage.

Abobra Viridiflora. 10 ft..... 10

Adlumia.

Mountain Fringe, or Allegheny Vine; an attractive climbing plant, with pale green foliage, bearing small, flesh-colored blossoms.

Adlumia Cirrhosa. Flesh-white, 15 ft..... 10

Ampelopsis.

Ampelopsis Quinquefolia. (Virginia Creeper.) One of the best climbing plants for permanent situations; perfectly hardy, clinging to the sides of whatever it may be grown against, by the rootlets which it throws out all along the stems.

Plants, 2-years old..... 50

Seed..... 10

Ampelopsis Veitchii. Japanese Ivy, or Boston Ivy. Every year adds to the popularity of this plant as a climber. The foliage changes in the fall to brilliant tints.

Plants, 2-year..... 50

Seed..... 10

Aristolochia.

Dutchman's Pipe. A quick-growing, hardy climber, attaining a height of 30 feet, with large, heart-shaped foliage and peculiar curved flowers.

Aristolochia Siphocampylus...... 10

Balloon Vine—Herzamen. Packet.

Sometimes called Love in a Puff; a remarkably rapid and curious climber with white, heart-shaped scars on the seed; useful inside or out.

Cardiospermum, Hal., white, 5 feet..... 5

Bignonia.

Bignonia Grandiflora. Trumpet Creeper; a rapid growing, hardy climbing plant, well suited for trellises, etc., as it clings by tendrils. The flowers, dark red and orange, are of trumpet shape, 40 to 60 feet..... 10

Calampelis—Schonheitsrebe

A quick growing climber with orange colored, tube-like flowers, attaining a height of 10 feet.

Calampelis Scaber...... 10

Canary Bird Flower—Blumenkressen.**Tropæolum Peregrinum.**

One of the most desirable climbing plants in cultivation; it is of rapid growth, and produces an abundance of yellow fringed flowers. 5

Cobæa.

A fine summer climbing plant, quick growing and bearing large bell-shaped flowers. Seed should be sown edgewise.

Cobæa Scandens.

Purple, 20 feet... 25

Cobæa Alba. Pure

white, 20 feet... 25

COBÆA.

Convolvulus—Niedrige Winde.

This well known climber should be in every garden. A quick grower with brilliant colors.

Convolvulus Major, white, dark blue, red, striped, mixed..... 5

Clanthus.

A magnificent plant; can be grown as a climber in light, rich soil, 3 to 6 feet.

Clanthus. Mixed..... 10

Cucumis—Zier Gurke.

Quick growing ornamental gourds; fine for covering trellises, screens, etc. Has a curious formed fruit.

CONVOLVULUS MAJOR...... 10

Cucumis Dipsaceus. Sulphur yellow,..... 5

“ **Flexuosus**, (Snake Cucumber)..... 5

“ **Grossularia**, (Gooseberry Gourd)..... 5

Cyclanthera.

A quick growing climber, the fruit explodes when ripe

Cyclanthera Explodens, 10 feet..... 10

Cypress Vine—Trichterwinde.

One of the most popular of annual climbers with delicate fern like foliage.

Cypress Vine, Scarlet, 15 feet..... 5

“ White, 15 feet..... 5

“ Mixed, 15 feet..... 5

Dolichos—Faselbohne.

Free growing beautiful climber; flowering in clusters; fine for covering screens; also called Hyacinth Bean.

Dolichos lablab. Purple, 10 feet 5
 " **alba.** White, 10 feet 5

Gourds—Zier Kurbis.

GOURDS.

A vigorous class of plants with curiously formed and often strangely colored fruits. The foliage is abundant and often curious.

Gourds. Dipper, 5
 " **Hercules Club;** a curious sort, 5
 " **Orange;** resembling an orange, 5
 " **Mixed;** from a large collection 5

Dish Rag, or Luffa. Curious and useful 10

LOPHOSPERMUM
SCANDENS.

MAURANDIA.

Loasa.

Beautiful and curiously formed flowers, easily cultivated, flowers profusely all summer. Packet
Loasa Herbertii. Scarlet, 6 feet 10
Loasa Tri-color. Shaded yellow, 6 feet 10

Lophospermum—Kammsame.

Exceedingly ornamental climber with large handsome flowers very effective.

Lophospermum Scandens 10

Maurandia.

A very pretty climber for the adornment of the conservatory or greenhouse, trellis-work or verandas.

Maurandia. Mixed 10 feet 5

Momordica—Balsam.

Very curious climber with ornamental foliage and remarkable fruit.

Momordica Balsamina, Balsam Apple, 10 feet 5
 " **Charantia,** Balsam Pear, 10 feet 5

Mina Lobata.

A new climbing plant from Mexico, resembling the Ipomœas. In color they are as singular as attractive; the buds at first are vivid red, changing later to orange yellow before they open; when fully open they are creamy white, 18 to 20 feet 25

Phaseolus—Feuerbohne.

Magnificent climber, fine for covering screens, trellises, etc; grows to a height of 10 feet, producing scarlet flowers; also known as Scarlet Runner.. 5

Tacsonia—Passionsblume.

The Passion Flower, a plant that flowers most abundantly, with curious, large flowers, very desirable where a good climber is needed; 10 to 15 feet 10

Thunbergia.

Ornamental, free blooming climber of rapid growth, with handsome foliage and much admired flowers.

Thunbergia. Mixed, 4 feet 5

Tropæolum—Kopuzinerkresse.

Beautiful climber that flowers most profusely, admirably adapted for covering verandas, trellis, etc.

Tropæolum Lobbianum. Mixed, 6 feet 5
 " **Brilliant** Fine scarlet 5
 " **Giant des Battles.** Carmine 5
Nasturtium. Tall, mixed, 10 feet 5
 " Scarlet or orange, 10 feet 5

Wistaria—Wistarie.

Wistaria Siensis. Hardy climbing plants with large, purple flowers 10

Wild Cucumber.

A rapid and well known climber 10

Humulus.

Humulus Japonicus. or Japan Hop, a rapid climber and very ornamental. It withstands heat, drought and insects, retaining its fresh green color until late in fall 15

Ipomœa—Trichterwinde.
 This beautiful genus like the convolvulus, to which it is closely allied, is most useful in covering trellises, etc.

Ipomœa Noctiflora. (Moon flower.) 20 to 40 feet 10

Ipomœa Bona Nox. Evening Glory. 10 feet 10

Ipomœa Limbata. Blue and white, 10 feet 10

Ipomœa. Mixed, all colors 10

Ipomœa Quamoclit. (Cypress Vine,) scarlet and white, packet, 5c.

Lapageria.

Lapageria Rosea. A beautiful twining greenhouse plant. The flowers are bell shaped of an exquisite shade of rose lined in the inside with pure white, 10 feet 25

Lathyrus—Wohlriechende Wicken.

Sweet Peas. Beautiful fragrant and free flowering climbers, continuing in bloom all summer. Nothing can surpass a hedge of these. 5 feet.

White, scarlet, black, purple, striped, tri-color; mixed, per ounce, 10c, packet, 5c.

Linaria—Leinkraut.

Linaria Cymbalaria. (Kenilworth Ivy.) A climber that is very much used for covering fences, trellises

SWEET PEAS.

etc. 10

Everlasting Flowers and Grasses.

GYNIERIUM ARGENTEUM.

Grasses—Ornamental.

Packet.

Nearly all the ornamental grasses are very showy and beautiful, and when dried and tastefully arranged in connection with the everlasting flowers, make exceedingly attractive winter bouquets.

Agrostis Nebulosa. Exceedingly graceful and beautiful. Hardy annual, 1 foot..... 5

Avena Sterilis (*Animated Oats*). Hardy annual, 2½ feet..... 5

Briza Maxima (*Large Quaking Grass*). Very elegant. Hardy annual, 1 foot..... 5

—**Gracilis** (*Slender Quaking Grass*). Hardy annual, 1 foot..... 5

Brizopyrum Siculum. Very dwarf, with shining green leaves; very pretty, ½ ft..... 10

Bromus Brizæformis. A fine grass. Hardy perennial..... 5

Chloris Barbatus. Pretty and curious. Hardy annual, 1 foot..... 5

—**Truncata.** Fine silvery plumes, 2 feet..... 5

Crysurus Aureus. Very dwarf, with yellowish feathery spikes, useful for bouquets. Hardy annual, ½ foot..... 10

Coix Lachrymæ (*Job's Tears*). Half-hardy annual, 2 feet..... 5

Eragrostis Elegans (*Love Grass*). Very pretty. Hardy annual..... 5

Erianthus Ravennæ. A perennial grass resembling the Pampas in appearance, but attaining a greater height than that variety, and quite hardy. Hardy perennial, 10 feet..... 10

Festuca Rigida. Curious dwarf variety..... 5

Gymnothrix Latifolia. Ornamental grass. Half-hardy perennial, 10 feet..... 15

Gynierium Argenteum (*Pampas Grass*). The finest ornamental grass in cultivation, 10 feet. Half-hardy perennial. (See cut.)..... 10

Hordeum Jubatum (*Squirrel Tail Grass*). Very handsome, 3 feet..... 5

Lagurus Ovatus (*Hare's Tail Grass*). Dwarf, very pretty, 1 foot..... 5

Setaria Macrocheta. Graceful drooping plumes. Hardy annual, 2 feet..... 5

Stipa Elegantissima. One of the most beautiful of ornamental grasses..... 10

—**Pennata** (*Feather Grass*). Exceedingly graceful and beautiful. Hardy perennial, 2 feet..... 10

Tricholæna Rosea. A very beautiful rose-tinted grass. Hardy perennial, 2 feet..... 10

Zea Japonica Variegata (*Variegated Japanese Maize*). Striped green and white..... 5

Entire collection (one packet of each of 20 ornamental grasses) for \$1.00.

Acrolinium—Immortelle.

These are a showy class of plants; the flowers may be gathered when young, dried and be used for winter bouquets.

Acrolinium. Mixed, 1 feet..... 5

Ammobium—Sandimmortelle.

Ammobium Alatum. A very pretty everlasting flower an inch in diameter, white, 2 feet..... 5

Gomphrena—Kugelamaranth.

Remarkably handsome everlasting; the flowers may be cut in summer and preserved for a long time; mixed colors..... 5

Helichrisum.

Flowers mostly used for winter bouquets, for which they are cut before the blooms are expanded; finest mixed..... 5

Helipterum Sanfordii—Sonnenflügel.

A pretty little plant, producing large clusters of small, rich yellow flowers. If the blooms are cut when half open and dried they make an excellent everlasting flower; ¾ foot..... 10

Gypsophila—Gypsikraut.

Free flowering little plants for rock work or small beds; fine for bouquets..... 5

Rhodanthe—Rosenblume.

Belongs to what is known as everlasting flowers, invaluable for winter bouquets, also desirable as a pot plant; 1 foot..... 10

Statice.

Statice, or Sea Lavender, are most interesting, of easy culture, remaining long in bloom; valuable for winter bouquets; mixed, 1½ feet..... 10

Xeranthemum—Papierblume.

A showy class of everlastings used for winter bouquets; mixed, double flower, 2 feet..... 10

Greenhouse Seeds.

GROUP OF CINERARIA.

CENTAUREA GYMNOCARPA.

Abutilon, finest varieties mixed,	\$ 25
Begonia, tuberous,	25
Calceolaria Hybrida Tigrina, spotted; seeds saved from the best collection in Europe	50
James' International Prize, saved from the choicest varieties only	50
Carnation, Remontant or Tree Carnation, choicest Italian seed	50
Centaurea Gymnocarpa, desirable for its delicately cut and graceful white foliage,	25
Candidissima, an effective white-leaved bedding plant.	25
Clementei, crested	25
Chrysanthemum Indicum, double	15
Cineraria Hybrida, first quality; large flowering,	25
Maritima, white foliage similar to Centaurea	10
Coleus, mixed seeds from choicest sorts	25
Cyclamen Persicum,	25
Fuchsia, choice mixed	50

PRIMULA SINENSIS FIMBRIATA. VERBENA STRIPED.

Geranium, choicest fancy varieties, mixed sorts,	50
Gloxina Hybrida, best quality, choice flowers,	50
Heliotrope, best mixed	15
Hibiscus, Immutabilis, rosy flowers, 3 feet	10
Coccineus, scarlet, 3 feet	15
Humea Elegans, a beautiful, ornamental biennial,	10
Lantana, finest mixed,	15
Oxalis Floribunda, free flowering; basket or pot	10
Primula Sinensis, (Chinese Primrose) red; extra,	50
Fimbriata Alba, white; extra	50
Choicest varieties mixed	50
Flore-pleno, a large percentage of the flowers perfectly double, and good colors	50
Flore-albo pleno, double-white	50
Verbena Hybrida, choice seed, saved only from the most beautiful named flowers,	20
Vinca Alba. White	10
" Rosea. Alba. White, red eye	10
" Mixed	10

LIST OF FLOWER SEEDS BY WEIGHT.

	PER OZ.		PER OZ.
Ageratum Mexicanum, "Dwarf Blue Gem"	\$ 50	Mignonette, sweet, per lb., \$1 00,	15
Alyssum Maritimum, Sweet	30	" "Golden Queen"	40
Asters. mixed China	50	" Miles' Spiral	40
" Truffaut's Fine Mixed; very superior	1 00	" French Machet, fine for pots or garden	50
Balsams, mixed Double	40	Nasturtium, Tall mixed	15
" double pure white	1 00	" Tom Thumb mixed	25
" double crimson	1 00	Nemophila, mixed	25
Balloon Vine	30	Pansy, mixed, from \$3 50 to	10 00
Canary Bird Flower, climber	50	Peas, Sweet, mixed, per lb., 75c.	10
Candytuft, best white, per lb., \$1 50	25	Sweet Peas, separate colors, \$1.00 per pound	
" Mixed	25	Petunia, fine mixed, spotted and striped,	1 00
Canna, fine mixed,	25	Phlox Drummondii, fine mixed,	50
Carnation Pink, common	75	" " large flowering mixed,	75
" " extra fine double mixed,	3 00	" " Grandiflora Splendens,	1 00
Centaurea candidissima	4 00	" " —"Garibaldi," crimson	
" gymnocarpa	1 00	white-eye	1 00
Cineraria Maritima, (Dusty Miller)	40	Pink, mixed Double China	40
Cobæa Scandens,	1 50	Poppy, mixed Carnation, per lb., 75c.	25
Cockscomb, mixed	50	Portulaca, splendid mixture	40
Convolvulus Major, Morning Glory Mixed. Per pound \$1 00	15	" best mixed double,	5 00
" Minor, dwarf, per lb., \$1 00	20	Pyrethrum, "Golden Feather"	1 00
Cypress Vine, red or white	40	Ricinus Sanguineus, red stalked Castor Beans, per lb., 50c.	10
Four O'Clocks, finest mixed	15	Salvia Splendens, rich scarlet	3 00
" " dwarf white,	35	Smilax, fine for pots, climber	2 00
Gaillardia Picta Lorenziana	60	Snapdragon, mixed tall,	35
Globe Amaranths	30	" mixed dwarf	35
Gourds, mixed	25	Stock, English Ten weeks mixed	75
Hollyhocks, splendid double mixed	60	" finest German Ten Weeks	3 00
" double white	1 00	" " Winter, or Brompton	4 00
Larkspur, Dwarf Rocket	30	Sunflower, double Californian	25
Lobelia Erinus Speciosa	1 25	Sweet William, fine Auricula-flowered,	30
Lupins, mixed	25	Thunbergia, fine mixed climber	40
Marigold, "New Meteor"	35	Verbena, hybrid mixed	\$1 50 to 3 00
" African, mixed	40	Wallflower,	35
" French, mixed	40	Zinnia finest double mixed	40

This branch of my business grows with each succeeding year, and I am happy to state that this season I am prepared to furnish promptly a large variety from my seed farm at Elmhurst. Orders received one day can be filled the next, and directly from the soil, thus saving the fibrous roots, which are so essential to the growth of the plant.

The following list comprises a selection of standard sorts, and I urge all to beautify their homes by planting a variety of ornamental shrubs and vines about the house and lawn. A well kept lawn is a beautiful object, but it looks unfinished and bare until varied with shrubbery. Many have been disappointed in buying this class of goods from canvassers, and I would suggest the greater advantage of dealing with an established house rather than with parties whom you will never see again. I took one of these agents into my garden and told him the Lilies he was offering me were growing right near where he stood. He gave a rapid glance about, not daring to let his eyes rest on any particular plant for fear he would reveal his ignorance of his goods, but which was only too apparent.

These Prices are prepaid by mail.

AMARYLLIS.

Amaryllis.

An interesting class of plants, desirable for pot culture, producing showy flowers that are very attractive and handsome. They require abundant moisture when growing.

Formosissima. (Jacobean Lily.) Crimson velvet color, each.....	25
Johnsonii. Crimson, striped with white.....	50
Vittata. White, with rose stripe.....	50
Crinum Ornatum. Very handsome pink blossom.....	50
Tretea. (Fairy Lily of the South.) Fragrant, pure white.....	10

Begonia. (Tuberous Rooted.)

These have become very popular on account of their great variety of **color, form of flower,** and freedom of bloom. The bulbs produce fine plants, either for pots in summer or for bedding out. Each..... 35

CLEMATIS JACKMANII.

Clematis.

Beautiful climbers, with flowers four to seven inches in diameter; growing very profusely and rapidly. They delight in rich soil and a sunny position, and are perfectly hardy.

Crispa. Beautiful lavender blue, white center, each.....	35
Coccinea. The scarlet Clematis. Flowers bell-shaped.....	25
Flammula. A rapid grower, flowers small, white and fragrant.....	25
Jackmanii. Rich velvet purple; very popular.....	50
Henryii. One of the best white; large and showy.....	75

Cannas.

CANNAS.

Long green leaves, golden yellow flowers..... 25
Discolor, (Gigantea.) Enormous, banana like leaves
 green veined, margin brown-red, each..... 25
 Mixed varieties good sorts. each 15c; per dozen, 1.50.

Plants used
 largely for lawn,
 decoration.

They combine
 the most, strik-
 ing tropical foli-
 age, with flowers
 many of them
 equal to gladiolus.

Ehmanii. Soft
 green leaves,
 and carmine
 red flowers. A
 desirable
 sort, each.. 25

Nouttoni. Sim-
 ilar to above;
 flowers a rich
 shade of crim-
 son, each.. 35

**Premice de
 Nice.**

Dahlias.

SINGLE DAHLIAS.

Well known autumn flower-
 ing plants, growing from two
 to five feet high and produc-
 ing a profusion of flowers of
 the most perfect and beautiful
 forms, varying in color from
 the purest white to the dark-
 est maroon; choice named
 sorts each, 25c; \$2.50 per
 dozen.

Funkia Day Lily.

Hardy herbaceous plants
 with lily like flowers bloom-
 ing in August. White and
 blue 25.

Gladiolus.

One of the most beautiful
 summer flowering bulbs with
 tall spikes of flowers, some two feet or more in height.
 The flowers are of all colors; creamy white, striped,
 blotched, and spotted in the most curious manner.

FRENCH HYBRID GLADIOLUS.

Gladiolus.

Named Sorts, our selection, each 10c; per dozen, \$1.00
White, Light and Striped, varieties mixed, each 5c; per
 dozen, 50c.

Choice Mixed Sorts, each, 5c; dozen, 50c.

Lemoine Varieties. A brilliant class of gladiolus with
 rich orchid-like colors, each, 10c; per dozen, \$1.00

Hydrangeas.

A well known and favorite old plant producing large
 heads of pink and white flowers in great profusion;
 thrives best in a shaded situation.

Paniculata Grandiflora. White flowers, hardy, 3 to 4
 feet, 50c.

Caladium.

Sometimes called Ele-
 phant's Ear; a striking,
 ornamental foliage plant
 either for pot or lawn
 planting. It will grow
 in any good garden soil.
 Each 25

CALADIUM.

Madeira Vines.

An old and well known climber, a rapid grower, with
 thick fleshy leaves and white flowers; grand for trail-
 ing on a porch or over a window. Each, 10c.

Pæonies.

These are indispensable to every garden. Some of
 them begin to bloom with the tulip. They are all
 hardy, growing well in almost all situations. Sepa-
 rate colors, crimson, pink and white. Each, 25c.

Perennial Phlox.

Few plants give greater satisfaction than the phlox
 They require no care but dividing and resetting every
 second year. Perfectly hardy, and combine all the
 the different tints of rose, carmine, red, purple,
 white and salmon. Each, 25c.

Tuberose.

One of the most delight-
 fully fragrant and beautiful
 of the summer flowering
 bulbs, throwing up tall spires
 of double white flowers 2 to
 3 feet high, which remain in
 bloom a long period.

Double Italian. The tall
 variety, 3 feet, each 10
 Dozen..... 75
Pearl Dwarf, 2 ft. each, 10
 Dozen..... 75

TUBEROSE.

maroon, each 10c; per doz. 1 00

**Tigridia.—Shell-
 Flower**

Curious and beauti-
 ful and shell like flower-
 s about 4 inches in
 diameter; flowering
 from July to October.

Conchiflora. Or-
 ange with crim-
 son spots, each. 10
 Per dozen..... 1 00

Pavonia. Red
 with crimson, 10
 Per dozen..... 1 00

Grandiflora Alba
 White, spotted with

LILIES.

LIL. HARRISII.

Some of these varieties are truly grand. They are nearly all hardy, and the bulbs can be planted in either summer or fall. The ground should be well drained.

- Harrisii.** (The Bermuda Easter Lily.) Hardy; flowers are large, and pure white; very early. 25
- Krameri.** Beautiful spreading flowers, varying in shade from delicate pink to a deep rose; very fragrant. 25
- Superbum.** Bright orange, with purple spots; twenty to forty blooms. Each. 15
- Wallacei.** Buff flowers, with black spots; very handsome. 25
- Tigrinum, fl. pl.** (Double Tiger Lily.) Hardy, orange-red, spotted with black. 20

LILIUM AURATUM.
chocolate color; petals purple outside, and cream-white inside. Each. 1 00

Auratum. Golden Japan Lily.) Flowers 10 to 12 inches in diameter, composed of six white petals, spotted with chocolate crimson spots. Each. 25

Rubrum. White and crimson; handsome. 25

Album. A splendid white variety. 25

Brownii. A beautiful sort, with stamens of rich

LILIES.—Continued.

- Tenifolium.** A native of Siberia; one of the very earliest and hardiest; flowers vivid scarlet. 30
- Elegans.** Orange scarlet; free bloomer. Each. 10
- Excelsum.** Bears six to ten flowers, of a buff color 10

Iris Kaempferi.

These are as beautiful as orchids, and are distinct from all other varieties; perfectly hardy. Each, 25c.

Hardy Ornamental Shrubs,

(Prices are not prepaid).

- Cydonia Japonica.** Scarlet Japan Quince. Crimson flowers, each. 50
- Deutzia.** Flowers double white, luxuriant foliage, each. 50
- Exchorda Grandiflora.** From North China; flowers white, bloom in May. 50
- Kerria Japonica.** A slender, green, branched shrub, 5 to 6 feet high, with globular yellow flowers, each. 50
- Philadelphus.** Syringa or Mock Orange. Vigorous habit with large, handsome foliage and beautiful white flowers, each. 50
- Spirea Japonica.** A handsome shrub from Japan, dwarf but vigorous foliage, flowers profusely.
- Lilac.** Well known beautiful shrubs, indispensable in every collection, white or purple, each. 50
- Viburnum, Snowball.** Globular clusters of pure white; flowers the latter part of May, each. 50
- Japan Privet.** This is almost an evergreen, compact and regular in form, flowers in June and July, each. 50
- Yucca Filamentosa.** Adam's Needle. Thread leaved, creamy white, 3 to 4 feet, each. 50
- Chionanthus Virginica.** White Fringe. A small native tree or shrub of roundish form with large glossy leaves and drooping racemes of pure white flowers, having narrow, fringe like petals. A superb lawn tree, each. 75
- Weigelia.** Produce in June and July large, trumpet shaped flowers of all shades and colors, very effective, each. 50
- Wistaria.** Strong and rapid grower, desirable for trellises, porches, etc. When well established they will grow 20 feet or more in one season. A free bloomer and handsome flower, light purple or white, each. 50

Collection of Lilies and Bulbs. Postpaid, for \$1.00.

- A—1 Lil Auratum, 2 Lil Candidum, 1 Tiger Lily, 1 Lil Harrisii.
- B—1 Lil Tenifolium, 1 Lil Rubrum, 1 Lil Album.
- C—15 choice Gladiolas, 6 Pearl Tuberoses.
- D—6 Gladiolas, 6 Tuberoses, 2 Cannas, 2 Hollyhocks, 2 Dahlias.

MAMMOTH RUSSIAN SUNFLOWER.

Mammoth Russian Sunflower. By all means plant a little of this. It is useful for a great variety of purposes. Grows easily in any kind of soil. Good for fuel and poultry. In Dakota, where fuel is high and scarce, it is largely used in place of wood, as it burns longer and makes a hotter fire. Packet, 5c; pound, prepaid. 25

**WRITE ME FOR
ANYTHING YOU
NEED IN GARDEN
OR FARM TOOLS
NOT IN MY LIST.**

Apples—Standard.

Strong, finely rooted trees. Each, 50c; per doz., \$4.00

Summer Varieties. Reswick Codlin, Red Astrachan.

Autumn Varieties. Duchess of Oldenburg, Early Strawberry.

Winter Varieties. King of Tompkins Co., Ben Davis, Dominie Jonathan, Willow Twig, Grimes' Golden, Rhawles' Janet, Golden Russet, Snow Apple.

Bethlemite Standard Crab. Transcendent Crab, Hyslop, Stark.

Cherries.

Early Richmond. The standard sort for this section, grafted on Morello stock. Each, 50c; per doz., \$4.00.

Pear.

Flemish Beauty. Large, juicy, rich. Each, 50c.

Plum.

Lombard. Medium size, violet red, juicy, pleasant, good, hardy and productive, ripens in August. Each, 50c.

Grapes.

Concord. Purplish black, a standard sort. Two year Each, 15c; doz. \$1.50.

Hartford. Prolific, large, round, dark color. 25c each.

Catawba. Dark, copper color, sweet and rich. 25c each.

Delaware. Berries small, round, thin skin, light red, very juicy. 25c each.

Niagara. Hardy, strong grower, large and compact; round, greenish white. Each, 75c. Strong roots.

Strawberries.

Each, 10c; 25c per 10, \$1.25 per 100.

Crescent. Medium size, bright light scarlet, continues long time in fruit.

Sharpless. One of the largest berries, good flavor, firm flesh and sweet, with a delicate aroma.

Chas. Downing. Fruit medium to large, conical, deep scarlet, fine flavor.

Raspberries.

Each, 15c; doz., \$1.50.

Cuthbert. Berries very large, rich crimson color, flavor sweet and rich

Hansell. One of the earliest and most desirable, bright scarlet.

Blackberries.

Each, 15c; \$1.50 per dozen.

Early Harvest. A compact dwarf grower; fruit medium size and fine quality; an enormous bearer.

Snyder. Extremely hardy; productive; medium size.

Currants.

Each, 10c; per dozen, \$1.00.

Fay's Prolific. A splendid red sort.

Lee's Prolific. A vigorous black variety.

Gooseberries.

Each, 25c; dozen, \$2.50.

Downing. Very large, handsome, pale-green; splendid quality.

Houghton Seedling. Small to medium, roundish oval, pale-red; sweet, tender.

The above prices on fruits are not prepaid, as the plants are all too large to mail.

Roses.

If you want roses to stand our hard winters without protection, select Hybrid Perpetuals, Moss and Climbers. These are very desirable, but do not take the place of Ever Blooming roses, whose exquisite beauty and delicious perfume are unequaled among flowers.

Tea Roses (Ever Blooming). Bon Silene, Catharine Merwet, Chas. Lefebvre, Mad. Cusin, Safrano, The Bride, Perles, Niphetos, Sunset, Souv. d'an. Ami Good plants, each, 25c. Large plants, 50c.

Hybrid Perpetual. Baron de Bonstetter, Jules Margothin, Gen. Jacqueminot, Paul Neyron, Mad. Gabriel, Luizet. 25c each. Large plants, 50c.

Moss Roses. Crested Moss, Princess Adelaide. 50c.

Climbing Roses. Baltimore Belle, Queen of Prairie, Seven Sisters, Russel's Cottage. 25c each.

\$1.00 Collection of Plants.

No. 1—10 choice double geraniums.

No. 2—10 plants for hanging baskets.

No. 3—10 selected verbenas.

No. 4—15 beautiful pansies.

No. 5—10 climbing roses.

All plants are

labeled distinctly,

carefully

packed and guar-

anteed to arrive

in good order,

and sent post-

paid.

10 Beautiful Roses Mailed for \$1.00—Our Selection.

Each collection is neatly packed to carry safely to any part of the country. As it is sold at an extremely low price, no change can be made in it.

GARDEN AND GREENHOUSE TOOLS.

English Pruning Knives.
194-\$1.31 2-\$1. 187-\$1. 189-\$1.25

Lopping Shears.
\$3.00.

English Lawn Scythe. 30 to 40 inches. \$3.00.

Dutch Scuffle Hoe.

6-inch	60c
7-inch	65c
8-inch	70c
9-inch	75c
10-inch	80c

Flower Gatherer.
\$1.00.

English Budding Knives.
315. 204. B. L.
\$1.25. \$1.25. \$1.25.

Edging Knife

75c.

Garden Shears.

8 in., \$2.00. 9 in., \$2.25. 10 in., \$2.50.

Floral Sets.

Four pieces, neatly put up in a fancy box; can be sent by mail anywhere for 30 cents extra. Set consists of one steel hoe, one steel trowel, one malleable iron rake and one malleable iron weeding fork, all nicely polished and painted, each piece about 12 inches in length. Price per set, \$1.00.

Brass Garden Syringes.

No. 1, length bbl. 12½ in., diam. 15-16 in.....	\$3 50
No. 2, " " 13½ " " 14-16 ".....	4 75
No. 3, " " 18 " " 1½ ".....	6 50

Plant Sprinkler.
\$1.00.

Border Shears. No wheel.
9 in., \$2.50. 10 in., \$2.75.

Border Shears. One wheel.
9 in., \$3.00. 10 in., \$3.25.

Asparagus Knife.
\$1.50.

Excelsior Weeding Hook.
Price, each, 15c. \$1.50 per doz.

Trowel.
5 in., 20c.
6 in., 25c.
7 in., 30c.
8 in., 35c.

Cahoon Broadcast Seed-Sower.

The hand machine, at a common walking gait, sows from 4 to 8 acres per hour. A saving of four-fifths of the labor and one-third of the seed used in hand-sowing is effected by using these machines. They sow wheat, oats, hemp, barley, rye, buckwheat, grass seed, rice, flax, etc. Price, each, \$4.00.

Cahoon Power Broadcast Seeder.

At the usual walking gait of a horse this machine sows 10 to 15 acres per hour, and does the work better than by any other method. Each, \$20.00.

Also a full line of hoes, rakes, forks, shovels and all tools for the garden and greenhouse.

GARDEN TOOLS AND SUNDRIES.

NEW PERFECT INDEX

NEW MODEL DRILL

New Model Seed Drill—A Perfect Drill.

Try the Latest and Best.

Its features. Regulation of Discharge.—Drills of similar construction are usually provided with a series of holes of varying sizes through which the seed is passed, which of course do not always give an opening of the exact size required. The operator is usually told, in substance, that "if one hole don't suit, try another." This adjustment in the "Model" is accomplished in a very simple and effective manner by use of a slide with a pear-shaped opening passing under the bottom of the seed reservoir, which is provided with a perforation of similar shape, in a reversed position. This slide can be instantly adjusted to size indicated by Index, or to a hair breadth variation between—a vital point in a perfect seed drill. This Index or indicator is plain, convenient and reliable. It is placed in open sight, immediately under the eye of the operator, and can be quickly adjusted to the slightest variation desired. As the names of the principal seeds are plainly shown on the Index itself, it is not necessary to refer to any table of reference. Cut-Off.—The flow of seed can be instantly stopped by a swinging cut-off, conveniently operated by a cord and ring on handles. Marker.—Is simple, easily adjusted and firmly held. Broad Wheel.—The main wheel is of larger size and of unusual width, preventing its sinking into soft earth. Covering Roller.—It is attached by swinging frame, enabling operator to roll lightly or otherwise, by varying the pressure on handles. Opening Plow.—Is of steel, adjustable in depth. Each drill crated and carefully packed for shipment. Packed weight, about forty pounds. Price, \$8.00.

Little Gem Seed Drill.

This new Drill was designed and has been perfected for those who have long felt the need of a low-priced, reliable Seed Drill. It will make the Drill drop and

cover all the seeds, such as turnip, carrot, sage, spinach, onion, parsnip, beet, etc., and mark the next row as perfectly as the higher priced machines. It is just the thing for the home garden. Price, \$6.00.

Matthew's Garden Seed Drill.

This hand seed drill has been before the public for some years, and the best evidence of its merit is its increased sale. It is designed for use in the field or garden. It is easily regulated to sow any size seed, having an indicator with names of seed printed thereon, which is adjusted by simply turning the regulator until the name of seed desired to be sown comes on top. Price, boxed, \$8.00.

The Ashtabula Lawn Rake.

The most perfect shape for removing every particle from the lawn without injury to the grass roots. The peculiar curve of the teeth prevents tearing the sod as in the ordinary rake. Price, 65c. each.

Hazeltine Weeder.

A very useful article, both for the large market gardener and the amateur. Made of the best solid steel, good size and durable. A great saving in time and labor. 25c. each.

Garden Rollers.

One section,	12 x 20,	weight	140 pounds		\$10 00
"	"	20 x 20,	" 220	"	14 00
Two	"	12 x 20,	" 300	"	18 00
"	"	12 x 24,	" 500	"	22 00

The Philadelphia Lawn Mower.

A light, easy running mower, simple in construction.

Width, 10 inches,	weight 21 pounds		\$7 00
" 12 "	"		8 00
" 14 "	7 inch wheels, 36 pounds		9 00
" 16 "	" 38 "		10 00
" 18 "	" 44 "		11 00
" 20 "	" 50 "		12 00
" 25 "	" 52 "		13 00

The Leader Lawn Mower.

Similar to the Philadelphia in construction. A first-class mower.

14-inch....	\$7 50	16-inch....	\$8 50	18-inch ...	\$9 50
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Richmond Sod Cutter.

Cuts the sod of uniform width and thickness, in any length, so that it is particularly adapted to giving solidity to slopes in cuts and on embankments. One machine will cut from 30,000 to 40,000 square feet per day. Price, hand machine, 8-inch, \$13.50; horse machine, 12-inch, \$27.00.

GARDEN TOOLS AND SUNDRIES—Continued.

Lawn Sprinklers.

REVOLVING ARM LAWN SPRINKLER AND FOUNTAIN.

One of the best and most reliable sprinklers made. Very useful for sprinkling lawns, grass plats and gardens. It is also a beautiful ornament when in operation. Can be moved from place to place. By changing the jet it makes a beautiful fountain. Price, 4 arm, \$5.00. Ball and basket attachment, extra, \$4.00.

Lawn Sprinkler.

Particularly adapted to small plats in front of city residences, as it will work at so low a pressure, that six or eight feet in diameter may be sprinkled as well as fifty. It is simply pressed into the ground, or can be fastened on top of pole, as it has no stand. Price, \$1.00 each.

Waters' Tree Pruner.

The best for all kinds of work. The small space required for the working parts of the knife enables it to be used among dense shrubbery and branches of trees. The knife being connected by a rod, the pole may be made of any desired length. The knife being small and thin, makes an easier and smoother cut than any other device. For pruning small fruits it is particularly adapted. When the blade becomes worn it can be replaced at a trifling cost.

Length of pole, 4 feet, \$1.85; 6 feet, \$2.00; 8 feet, \$2.20; 10 feet, \$2.40; 12 feet, \$2.75. Extra knives, 25c. each.

REVOLVING ARM
SPRINKLER.

"Gem" of the Garden.

HAND WHEEL HOE AND CULTIVATOR.

Two scuffle or cutting blades, one 4½ and one 9 inches wide; 2 plows, right and left hand; 5 stirring teeth. All made of best steel. Price—single wheel, \$5.00; double wheel, \$7.00. The wheel and handles of the "Gem" are both adjustable in height, while the frame is so slotted that the hoes, teeth and plows can be set in almost any position or angle. The scuffle hoe makes a clean cut, and is followed by the teeth—five or less—which thoroughly pulverize the soil, and drag out and expose to the sun the roots of the weeds cut by the hoe. In use, keep the tooth on the right quite as far out as the end of the hoe, using it as a guard; being of such slender shape, it will not throw dirt enough to cover small plants. The hoes of thin steel, and presenting nearly a straight line to the work, avoid the "dodging" so common to tools of this kind.

Planet Jr. Combined Drill.

A splendid Tool, a first-class seeder and cultivator. Price, \$10.00.

Planet Jr. Double Wheel Hoe.

Cultivator, rake and plow combined. Has the invaluable feature of tending both sides of the row at once. Price, \$7.00.

Planet Jr. Horse Hoe and Cultivator.

Combined steel standard with wheel. The best cultivator made. Price with wheel, \$9.00; without wheel, \$8.00.

Lightning Potato Eye Cutter.

Does the work many times faster and is more accurate than the knife. It is gauged to cut enough flesh with each eye to strengthen and vitalize it and does the work in a scientific manner. Postpaid, 30c.

Smith's Device for Preserving Seed Corn.

Consists of a spiral cone to be screwed in the end of the ear and attached by the hook to a perpendicular wire, with hooks or loops on the end; suspended from a beam or rafter; is inaccessible to rats or mice and permits a free circulation of air around each ear. Per box, 100 screws, with hanging wire, 50c. (Not prepaid.)

Bone Mill.

The most handy tool for poultry keepers. Grinds bones, oyster shells, grain of all kinds, and so easily that a boy can run it. With legs, \$7.00; without legs, \$5.00.

The Gem Lawn Rake

The teeth of this rake are continued above the rake head, forming a hood or basket for the purpose of carrying the rubbish and keeping it before the rake-teeth—a feature of great value strictly peculiar to this rake. The teeth are so constructed that, should one become broken, it can be replaced at an expense of a little trouble and a few cents worth of wire. Price, 75c.

Remember that Freight Rates from Chicago are Very Low.

RUSTIC WORK.

No. 3. Three Sizes. 3 A, 2 feet high, with hexagon vase, 16 inches diameter. Price, \$3.00. 3 B, 2½ feet high, with hexagon vase, 16 inches diameter. Price, \$4.00. 3 C, 3 feet high, with hexagon vase, 18 inches diameter, \$6.00.

No. 5. Hanging Basket. Four sizes. 5 A, 9 inches diameter. Each, 75c. 5 B, 10 inches diameter. Each, \$1.00. 5 C, 11 inches diameter. Each, \$1.25. 5 D, 12 inches diameter. Each, \$1.50.

RUSTIC WORK OF ALL KINDS MADE TO ORDER.

Bridges, Summer Houses, etc.

NO. 3. VASE.

NO. 8. RUSTIC BOWL.

No. 8. 2 feet 2 inches high, with round bowl 12 inches in diameter. Price, \$2.00.

No. 9. Oblong vase with Arch. Length, 24 inches; extreme height, 53 inches; to top of vase, 33 inches. \$7.00.

NO. 14. OBLONG STAND.

NO. 10. ARM CHAIR.

No. 10. A Rustic Arm Chair, about the size of an office chair. Easy and handsome seat. \$6.00.

No. 11. A Rustic Settee. Two Sizes, 3½ and 5 feet long, to seat comfortably two and three persons. Price, \$8.00 and \$10.00.

NO. 11. SETTEE.

No. 14. Oblong Stand. Height 2 feet 9 inches. Length of vase the same, making a very fine roomy stand. Price, \$6.00.

Plant Sticks and Garden Trellises.

Veranda Trellis.

This is one of the most substantial and ornamental trellises.

3 ft., 12 in. wide,	\$0 40
4 " 14 " "	60
5 " 18 " "	75
6 " 18 " "	85
7 " 18 " "	1 00
8 " 18 " "	1 25
9 " 20 " "	1 50
10 " 20 " "	1 75
11 " 24 " "	2 00
12 " 24 " "	2 50

Bow Trellises.

No. 1,	30 inch stick, 10 inches wide	\$0 25
No. 2,	30 " 14 " "	40
No. 3,	36 " 14 " "	45
No. 3½,	42 " 14 " "	50
No. 4,	4 feet stick, 15 " "	65
No. 5,	5 " 18 " "	75
No. 6,	6 " 20 " "	90
3½ feet Fan,	21 inches wide at top	\$0 50
4 " "	27 " " "	65
5 " "	32 " " "	85
6 " "	38 " " "	1 00
7 " "	42 " " "	1 25
8 " "	46 " " "	1 50

Plant Sticks—Round.

Painted Green.	Per doz.	Per. 100.
2 feet long	\$0 25	\$2 00
3 " "	50	4 00
4 " "	65	6 00
5 " "	80	7 00
6 " "	1 15	8 00

Patent Waterproof Plant Bed Cloth. A substitute for glass sash on hot beds and cold frames at one-tenth the cost of glass and equal thereto.
 Light grade in pieces of 60 yards, per piece...\$2 50
 Less quantities, per yard..... 5
 Medium grade in piece, per yard..... 8
 Less quantities, per yard..... 10
 Heavy grade in piece, per yard..... 10
 Less quantities, per yard..... 12

INSECT DESTROYERS.

Cole's Insect Destroyer. A fluid that is sure death to mealy bug and red spider. Per $\frac{1}{2}$ pint,	60
Persian Insect Powder. A very popular insecticide. Per pound.....	1 00
Paris Green. Unexcelled for potato bugs and insects that eat foliage. Per pound.....	25
Gishurst's Compound. An English preparation for green fly, scale, red spider, mealy bug, etc. Pound box.....	50
Tobacco Soap. Makes an excellent wash for plants and trees. Pound	25
Whale Oil Soap. Kills insects on plants or trees, used as a wash. Per pound.....	25
Tobacco Dust. Kills green and black fly, etc., dusted on the plants. Pound, 10c; 100 pounds,	5 00
White Hellebore. For rose slugs, currant worms, etc. Per pound	50
Hammond's Slug Shot. A well-known and popular insect destroyer. Per 5 pound package, 25c; 100 pounds.....	3 50
Fir Tree Oil. Most reliable for all kinds of plants. Pint	75

FERTILIZERS.

Our location in the midst of the great slaughtering and packing center of the world insures thoroughly reliable Fertilizers at a less cost than they can be obtained from other sections.

Excelsior Plant Food. For house plants. Package	15
Chicago Bone Meal. An excellent fertilizer for wheat or grass. It is dry and will drill perfectly; and can be relied on. Per 100 pounds, \$2.00; per 1,000 pounds, \$16.00; per ton	28 00
Pure Fine Ground Bone. Strictly and absolutely pure. Per 100 pounds, \$2.25; per 1,000 pounds, \$16.00; per ton.....	30 00
Raw Bone Super-Phosphate. Very valuable for wheat. A valuable, rich plant food. Per 100 pounds, \$2.00; per 1,000 pounds, \$16.00; per ton.....	28 00
Animal Guano. A quick acting grain and grass producer which is very popular. Per 100 pounds, \$2.00; 1,000 pounds, \$15.00; ton	26 00
Grass and Garden Fertilizer. For all kinds of vegetables, small fruits, fruit trees, shade trees, grape vines, etc. An excellent fertilizer. Per 100 pounds, \$2.50; 1,000 pounds, \$16.00; ton, \$28.00; 10 pound lots.....	50
Peruvian Guano. Per 100 pounds	4 50
Land Plaster. Per barrel, 350 pounds.....	2 25

Special rates made on larger quantities

Valuable Information.

Quantity of Seed Per Acre.

Dwarf Beans, in drills.....	$\frac{3}{4}$ to 1	bushels
Peas, that make small vines.....	$1\frac{1}{2}$ to 3	bushels
Peas, that make large vines.....	$1\frac{1}{4}$ to 2	bushels
Beets, in drills.....	4	pounds
Cabbage, in hills.....	$\frac{1}{2}$	pound
Cabbage, in beds, to transplant...	2	ounces
Carrot, in drills.....	$1\frac{1}{2}$ to 2	pounds
Musk Melon, in hills.....	1 to $1\frac{1}{2}$	pounds
Mangel Wurzel, in drills.....	4	pounds
Onion, for bulbs, to sell green, or to trace in drills.....	6 to 8	pounds
Onion, for dry bulbs, in drills...	3 to 4	pounds
Onion, for sets, in drills.....	30	pounds
Onion Sets, in drills	10	bushels
Potatoes, in drills, cut, depends on number of eyes.....	8 to 14	bushels
Radish, in drills	5	pounds
Parsnip	$1\frac{1}{2}$ to 3	pounds
Spinach, in drills.....	10 to 15	pounds
Sage in drills.....	4 to 6	pounds
Squash, running varieties, in hills	2 to $2\frac{1}{2}$	pounds
Squash, bush varieties, in hills...	3 to 4	pounds
Tomato, in beds, to transplant....	2	ounces
Turnip, in drills.....	1 to $1\frac{1}{2}$	pounds
Red Clover.....	6 to 10	pounds
White Clover.....	4 to 6	pounds
Timothy	6 to 11	pounds
Red Top.....	7 to 14	pounds
Orchard Grass.....	8 to 12	pounds
Blue Grass	5 to 10	pounds
Millet	18 to 25	pounds
Lawn Grass, where a very fine growth is desired	70	pounds

Legal Number of Pounds per Bushel of Various Seeds.

	Pound.
Wheat	\$ 60
Corn, shelled.....	56
Corn, on Ear.....	70
Oats	32
Barley	48
Rye	56
Buckwheat	52
Broom Corn Seed.....	46
White Beans.....	60
Bran	20
Irish Potatoes	60
Turnips	55
Onions	57
Top Onions.....	28
Peas	60
Orchard Grass Seed.....	14
Millet Seed	50
Hungarian Grass Seed	48
Hemp Seed.....	44
Flax Seed.....	56
Osage Orange	33
Clover Seed	60
Timothy Seed	45
Red Top Seed.....	14
Kentucky Blue Grass	14
White Dutch Clover.....	6

Market Gardener's Price List.

The following prices are for market gardeners or planters using seed in large quantities. These prices include delivery to cars or boat, but the freight must be paid by the purchaser. Pecks can be ordered at the bushel rate, and one-half pounds at the pound rate. Packets, ounces and $\frac{1}{4}$ pounds are delivered free at the prices mentioned in the descriptive list.

This list embraces only the standard varieties that from years of experience we know to be good.

If to be sent by mail add 10c per pound on all small seeds, 15c per quart on all peas and beans, and 10c per quart on all corn.

Asparagus—Spargel.

Conover's Colossal. Riesen.....	Pound. \$ 60
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Beans, Dwarf—Krupbohnen.

Valentine.....	Bushel. \$ 3 50
Mohawk.....	3 50
China Red Eye. Chinesische.....	3 50
Yellow Six Weeks. Sechswochener.....	3 50
Refugee. Tausend für eine.....	3 50
White Kidney. Weisse Nieren.....	3 50
White Wax. Wachs-Brech.....	5 00
Black Wax. Schwarze Gelbschotige.....	5 00
Golden Wax. Gelbe Wachs.....	5 00

Beans, Pole—Stangenbohnen.

Horticultural. Gesprenkeete speck.....	5 50
Dutch Case Knife. Weisse Schwert.....	5 50
Large White Lima. Grosse Weisse Lima.....	7 50
Dreers' Lima. Dreers' Verbesserte Lima.....	8 00
Black Wax. Wachs, Schwarze Romische.....	8 00
Giant Red Wax. Riesen-zucker, Brech.....	8 00

Beet—Roth Ruben.

Early Bassano. Frühe Bassano.....	Pound. 50
Blood Turnip Dewings. Roth Runde.....	50
Eclipse.....	60
Egyptian. Dunkelrothe runde.....	50
Long Blood. Schwarzrothe Lange.....	50

Mangel Wurzel.

Long Red. Lange Roth.....	30
Golden Tankard.....	35
White Sugar. Weisse.....	35

Broccoli—Spargel-Kohl.

White Cape. Weisser.....	4 00
Purple. Violetter.....	4 00

Brussels Sprouts—Rosen-Kohl.

Improved Dwarf. Verbesserter Zwerg.....	1 50
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Cabbage—Kohl.

Etampes.....	2 00
Jersey Wakefield. Früher Wakefield.....	2 75
Henderson's Summer. Sommer.....	2 50
Fottler's Brunswick. Braunschweiger.....	2 50
Winnigstadt. Winnigstadter.....	1 50
Early York. Früher Yorker.....	1 50
Premium Late Flat Dutch. Hollandischer.....	1 50
Bridgeport Drumhead. Trommelkopf.....	6 00
Red Dutch Pickling. Blutrother.....	2 50
Drumhead Savoy. Krauser Trommelkopf.....	2 00
Blue Fottler's.....	3 00

Chervil—Kerbel.

Curled.....	1 50
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Corn Salad—Stecksalat.

Large Leaved.....	75
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Carrot—Mohren.

French Forcing. Pariser Treib früheste.....	Pound. 75
Scarlet Horn. Kurze rothe, Hornische.....	75
Danvers. Halblange.....	65
James' Intermediate.....	75
Guerande.....	75
Nantes. Halblange.....	75
Long Orange. Lange rothe.....	50
White Belgian. Weisse, Futter.....	60
Orange Belgian. Gelbe, Futter.....	60

Cauliflower—Blumenkohl.

Extra Early Erfurt. Früher Zwerg.....	Ounce. \$3 50
Snowball. Schneeball.....	3 50
Early Paris. Pariser.....	75
Lenormand.....	75
Autumn Giant. Grosser Riese.....	75

Celery—Sellerie. Bleich.

Sandringham. Weisser Zwerg.....	Pound. 3 00
Grant White Solid. Wieser Riese.....	3 00
Golden Dwarf. Gelbe Zwerg.....	3 00
Boston Market. Boston Zwerg.....	3 50
White Plume. Weisse Plume.....	4 00
Golden Self-Blanching.....	4 00
Perfection Heartwell.....	3 00
New Rose.....	4 00

Celeriac—Knollen.

New Apple Shape. Apple Formige.....	1 25
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Cress—Kresse.

Curled. Feine Krause.....	75
Water. Wasser.....	3 50

Corn. Sweet—Zucker Mais.

Cory.....	Bushel. 3 50
Marblehead.....	3 00
Minnesota.....	3 00
Crosby's.....	3 50
Moore's Concord.....	3 00
Hickox.....	3 50
Excelsior.....	3 50
Mammoth.....	3 50
Old Colony.....	3 00
Perry's Hybrid.....	3 50
Evergreen.....	3 00
Egyptian.....	3 50

Cucumber—Gurken.

Green Prolific. Grüne Trauben.....	Pound. 60
Early Frame. Mittellange Grüne.....	60
Boston Pickling. Kleine Grüne.....	60
White Spine. Lange Weisse.....	60
Long Green. Lange Grüne.....	60
Chicago Pickle.....	75
Nichol's Medium Green.....	75
Early Cluster. Netz.....	60
Tailby's Hybrid.....	75
Gherkin.....	1 25

Egg Plant—Eierplanze.

Large New York Purple.....	5 00
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Endive—Endivier.

Green Curled. Grüner Krauser.....	1 50
Moss Curled. Moos Krauser.....	1 50

Kale—Blatterkole.

Green Curled Dwarf. Grüner Krauser.....	1 00
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Kohl-Rabi—Kohl Rabi.

White Vienna. Wiener Glass-weisser.....	1 50
Purple Vienna. Wiener Blauer.....	1 50

MARKET GARDENER'S PRICE LIST—Continued.

Leek—*Lauch*.

	Pound.
London Flag. Dicker Winter.....	1 50
Musselburgh. Musselburger.....	2 00

Lettuce—*Salat*.

Curled Simpson (Black Seed).....	1 00
Curled Simpson (White Seed).....	1 00
White Seeded Tennis-ball.....	1 00
Hanson.....	1 00
Golden Stone Head. Gelber Steinkopf.....	1 50
Deacon.....	1 25
Curled Silesia. Fruher Krauser.....	1 00
Yellow Seeded Butter.....	1 25

Melon, Musk—*Zucker Melonen*.

Netted Gem.....	75
Easy Nutmeg.....	75
Hackensack.....	75
Chicago Musk.....	1 00
Casaba.....	75
Osage (New).....	7 00
Baltimore.....	1 00
Montreal.....	1 00
Boston Pet.....	1 00
Bird Canteloupe.....	1 00

Melon, Water—*Wasser Melonen*.

The Boss.....	
Mountain Sweet. Susse, dunkel grune.....	75
Mountain Sprout Lange grune.....	75
Cuban Queen.....	75
Kolb's Gem.....	1 00
Ice Cream.....	75
Phinney's Early.....	75
Gypsy.....	75
Citron.....	1 00

Onion—*Zwiebel*.

(Special rates on larger quantity.)

Ex. Early Red. Platttrunde, Rothe.....	2 00
White Queen. Kleinste Weisse.....	2 00
Large Red Globe. Rothe Kugelartige.....	2 00
White Portugal. Silberweisse.....	2 50
White Globe. Weisse Kugelartige.....	2 75
Red Wethersfield. Rothe Wethersfield.....	1 75
Yellow Dutch. Gelbe Hollandische.....	1 50
Yellow Danvers Flat. Gelbe Danvers.....	1 50
Yellow Globe Danvers. Gelbe Kugelartige.....	1 75

Onion Sets—*Saat Zwiebeln*.

	Bushel.
Yellow. Gelbe.....	4 00
White. Weisse.....	5 00
Red. Rothe.....	4 00
Top. Knopf.....	4 50
Shallots. Schalotten.....	4 00

Prices here subject to change.

Parsley—*Petersilie*.

	Pound.
Double Curled. Extra Krausse.....	75
Mcss Curled. Moos Krausse.....	75
Hamburg. Dicke Zuckerwurzeln.....	60
Plain. Schnitt.....	50

Parsnip—*Pastinak-Wurzeln*.

Hollow Crown. Lange.....	50
Student. Halblange.....	50

Pepper—*Pfeffer*.

Bell. Grosser.....	2 50
Cayenne. Langer Rother.....	2 50
Ruby King. Rother.....	5 00
Spanish Monstrous. Rother.....	2 50

Pumpkins—*Kurbis, Speise*.

Cheese. Gelber Riesen.....	75
Cashaw.....	75
Mammoth. Grosser.....	1 50

Peas—*Erbsen*.

	Bushel.
Philadelphia Ex. Early.....	3 00
Dan'l O'Rourke.....	3 00
American Wonder. Wunder.....	5 50
Alpha. Dunkelgrune.....	4 00
Little Gem. Reichtragende.....	4 50
Premium Gem. Niedrige.....	4 50
Alaska.....	3 50
Telephone.....	7 50
Stratagem.....	7 50
Pride of Market.....	6 00
Champion of England. Sehr Volltragende.....	3 50
Yorkshire Hero.....	4 00
Blue Imperial. Dunkelgrune.....	3 50
Rural New Yorker.....	3 50
Black Eye Marrowfat. Schwarz Auge.....	2 25
White Marrowfat. Weisse Marrow.....	2 25
Dwarf Sugar. Niedrige Zucker.....	5 50

Radish—*Radies*.

	Pound.
Early Scarlet Turnip. Runde Scharlachrothe.....	50
Early Scarlet Turnip White Tip. Weisser Erde.....	50
Scarlet Globe.....	1 00
French Breakfast. Oval Hochrothe.....	50
White Turnip. Weisse, Runde.....	50
Wood's Frame.....	60
Scarlet Olive Forcing. Ovale Runde.....	75
Giant Stuttgart.....	60
White Strasburg.....	75
China Rose. Rothe Chinesische.....	50
Chartier.....	60
Long Scarlet. Lange rosenrothe.....	50
Black Spanish. Schwarzer, Langer.....	50
Yellow Summer. Sommer, Gelbe Runde.....	50
California Mammoth.....	60

Salsify—*Haer Wurzel*.

Long White. Lange Weisse.....	\$1 50
Mam. Sandwich Island.....	3 50
Black. (Scorzonera) Schwarze Wurzel.....	1 50

Spinach—*Spinat*.

Bound-Leaved. Rundblattriger.....	15
Long Standing Per 100 lbs., \$12.00.....	15
Flanders.....	20
Prickly. Spitzkornig.....	20

Squash—*Kurbis, Speise*.

Perfect Gem. Neuer Gem.....	75
Golden Bush. Gelber.....	60
White Bush. Fruher Weisser.....	60
Yellow Summer, Crook Neck.....	60
Boston Marrow.....	60
Hubbard.....	60
Marblehead.....	75
Butman.....	60
Mammoth Chili. Grosser Mammoth.....	1 00
Mediterranean.....	1 50
Orange Marrow.....	60

Tomato—*Liebes-Apfel*.

Acme.....	2 25
Paragon. Fruher Rosenrother.....	2 25
Favorite.....	2 25
Perfection.....	2 25
Beauty.....	2 50
Trophy. Grosser Rother.....	2 25

Turnip—*Ruben*.

Red Top Strap Leaf. Rothkopfige.....	40
White Flat Dutch. Trupe Weisse Mai.....	40
Red Top Globe. Rothe Runde.....	40
White Globe. Runde Weisse.....	50
Yellow Aberdeen. Gelbe 8th Kopfige.....	50

Ruta Baga or Swede.

Improved American. Verbesserte.....	40
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Spinach	18	34	Monkey Flower	34	39	Phlox, Paeonies	39	
Squash	19	35	Moon Flower	35	41	Small Fruits	41	
Tomatoes	20	34	Morning Glory	34	39	Tigridias	39	
Turnips	20	30	Mourning Bride	30	39	Tuberoses	39	
Herbs	21	34	Musk Plant	34	41	Fruit Trees	41	
Novelties in Vegetables	1-4	34	Myosotis	34	41	Collection of Plants	41	
Vegetable Plants	21	31	Nasturtium	31	40	" " Bulbs	40	
Market Gardeners' Price List	47-48	31	Nemophila	31	40	Hardy Shrubs	40	
Flower Seeds.		31	Nicotiana	31		Farm Seeds.		
Abronia	27	31	Nierembergia	31	22	Field Corn	22	
Abutilon	37	31	Nigella	31	24	Oats	24	
Achillea	27	31	Nolana	31	24	Wheat	24	
Acrolinum	36	31	Nycteria	31	24	Barley	24	
Adlumia	34	31	Oenothera	31	24	Hedge Seeds	24	
Adonis	27	31	Oxalis	31	24	Fruit Seeds	24	
Ageratum	27	31	Pansy	31	24	Tree Seeds	24	
Agrostemma	27	31	Papaver	31	25	Lawn Seeds	25	
Agrostis	36	35	Passiflora	35	25	Clovers	25	
Akebia	36	34	Peas, Flowering	34	23	Grasses	23	
Alonsoa	27	31	" Perennial	31	24	Mullets	23-24	
Alysum	27	31	Perilla	31	23	Buckwheat	23	
Amaranthus	27	31	Petunia	31	24	Flax	24	
Ammobium	36	31	Phlox, Drummondii	31		Miscellaneous.		
Amelopsis	34	31	Pink	29	46	Insect Destroyers	46	
Anagallis	28	31	Poppy	31	46	Fertilizers	46	
Antirrhinum	28	31	Portulacca	31	43	Lawn Mowers	43	
Aquilegia	33	37	Primrose	37	43	Seed Drills	43	
Argemone	33	30	Prince's Feather	30	44	Cultivators	44	
Aristolochia	34	36	Pyrethrum	36	41	Broadcast Seeders	41	
Arundo	33	31	Rhodanthe	31	43	Egg Food, Imperial	43	
Asperula	33	31	Rocket	31	43	Garden Rollers	43	
Asters	27	31	Salpiglossis	31	49	Farm and Garden Library	49	
Avena	36	34	Salvia	34	45	Rustic Work	45	
		37	Sanvitalia	37	44	Lawn Sprinklers	44	
		30	Saponaria	30	42	Small Tools	42	

Useful Books for the Farm and Garden.

Postpaid to any address on receipt of price.

Allen's American Farm Book	\$2 50
Barry's Fruit Garden	2 00
Brill's Farm Gardening and Seed Growing	1 00
Farm Appliances	1 00
Farm Conveniences	1 00
Fences, Gates and Bridges	1 00
Fuller's Practical Forestry	1 50
Harris' Gardening for Young and Old	1 25
Harris' Talks on Manures	1 75
Henderson's Gardening for Profit	2 00
Long's Ornamental Gardening	2 00
Silos and Ensilage	50
Treat's Injurious Insects of the Farm and Garden	2 00
Welds' and Others' A B C of Agriculture	50

Fruits and Flowers.

Bailey's Field Notes on Apple Culture	\$ 75
Fuller's—The Propagation of Plants	1 50
" " Small Fruit Culturist	1 50
Henderson's Practical Floriculture	1 50
Husman's American Grape Growing and Wine Making	1 50
Meech's Quince Culture	1 00

Miscellaneous.

Barn Plans and Outbuildings	\$1 50
Dodd's American Cattle Doctor	2 50
Keeping One Cow	1 00
Martin's Hog Raising and Pork Making	1 00
King's Bee Keepers' Text Book	1 00

HOLLYHOCKS.

THE great improvements made in this beautiful flower of late years, has caused more interest to be taken in this old favorite. A good double white Hollyhock rivals a Camelia or a White Rose. In the garden where fall plants are desirable there is nothing better. The improved varieties grow about four to five feet high. They will last a number of years if not allowed to flower too freely. My stock of plants were grown from the choicest strains of seed at my Elmhurst trial grounds.

Blooming plants can be easily raised from seed the first season; all that is necessary is to start the seed early in the house or hot bed, and transplant into pots when they have produced the third leaf. Transplant again to the garden when the weather becomes settled. They should bloom in September.

PLANTS, STRONG ROOTS, YELLOW, WHITE OR ROSE,
EACH, 25c.; DOZEN, 2.50.

Seed (comprising a large collection of colors) per package, 10c.

HOLLYHOCKS.

My Fall Bulb Catalogue will be ready September 1, do not fail to send your name for one if you are interested in Hyacinths, Tulips, Narcissus, etc.