Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

ANNALS, APR 95

62.67 1895

RECEIVED

AGRICULTURAL AND POMOLOGICAL
INVESTIGATIONS

F.W. RITTER & CO.

ANNUAL

SEED BOOK

No. 150 S. JEFFERSON ST.
DAYTON, OHIO.

THE GREAT MACHINE OF THE AGE

J. I. CASE-KEELEY

SEEDER COMBINED MACHINE

LIGHT PRACTICAL AND DURABLE TOOLS IN ONE.

Combined Machine, \$12.

All Tools can be Bought Separately if Desired.

PRICES: \$4.25, \$4.40, \$5.25 and \$7.00.

Send for Catalogue Fully Describing this Wonderful Machine.

DRILLS Plow, Bores, Soil, Corn, Feeds, Turnip, etc.
Sifts, Cables, L. Hume, Cannon, Plow, Sowing, etc.
PLANTS Corn, Beans, Watermelon, Cucumbers, Squash, etc.
Cotton Seed, etc.

PLANTS IN HILLS

any distance apart.

Also DRILLS

in a perfect continuous row.

HANDLES ALL

KINDS OF SEEDS,

fine and coarse.

The SEEDER ATTACHMENT IS ADJUSTABLE to the frame the same as the other tools. It has a TWENTY-
INCH DRILL Wheel and will work in both soil as well as Smooth. Will Sow or Cultivate on BOTH
SIDES OF A ROW, as shown in Cut. ALL TOOLS are arranged to work ONE OR BOTH
SIDES of a row. Each and every Combination superior to ALL OTHERS.

ADAPTED TO FARMERS, GARDENERS, FLORISTS AND NURSERYMEN.

The demand for a Fertilizer Distributer has been met and provided for in a very simple manner, which distributes the fertilizer in continuous rows. The Fertilizer Attachment is adjusted to the frame the same as other tools, and is operated with the

Horticultural Implements and Garden Requisites

Prices D6 No. Twelve Prepayment by Mail Except Where Noted.

BELLOWS - For dusting sulphur, str., hot, oxides, etc., \$1.25
DIBBER - For transplanting col., etc., and other vegetables,
steel point, 50c

GARDEN TINES - The Best

branded, 100 feet, 65c

GARDEN REEL - A. shown, 65c

GRAFTING WAX, 1 lb., 10c, 1/2 lb., 5c

Glass Cutter and Grafting Tool, 15c

GARDEN TOOLS - LADIES' FLORAL

Set, 8 short handles, four pieces, 65c

BOYS' SET, Long handles, 25c

MOLL TRAP, (Hals), The best trap made, 2.00

PRUNING SHEARS, 100 to 1.00

PLANT STAKES, Tapering, painted green, Price

per doz., 18 inches 25c, 24 inches 40c, 36 inches 50c,

48 inches 70c

RATTA - The cheapest and best living material

that can be used by gardeners or florists. One lb.

20c, 10 lbs. \$1.50

RUBBER PUTTY BULBS, For glazing hotbeds and

greenhouse sash, etc., with hard putty. One of

the best labor saving articles ever invented, \$1.00,

postpaid \$1.15.

RUBBER HAND SPRINKLER, Holds about

1 pint, has a fine

nickel plated, per

for spraying seed

lings, bouquets or

sprinkling clothes.

Price \$1.00, post

paid \$1.15. Small

size 75c.

Lawn Edger, for cutting
the edges of walks and beds.
Price, 60c.

Thistle and Dock Cutter,
long handle, excellent for
cutting thistle and dock out
of lawns and beds. Price, 60c.

Not 30c,
by mail, 35c.

LANG'S
HAND
WEEDER

HANDIES
TOOL

30¢

BY MAIL
PREPAID

THE LIGHTNING HOSE COUPLER.

For years people have been using the old screw and nut garden hose coupler. But all this time there has been a coupler or something better - something that could be used without hurting the fingers, without twisting the hose, that would be simple, tight, and could be obtained consistently and cheaply. The Lightning Coupler has solved the problem. It is truly a "revolutionary" creation. It is made of heavy brass in a regular, standard, the strongest usage to which it may be subjected. It is so simple a child can operate it. No screws to get out of order, no nuts to get dented or broken. Two handles, and you have a perfect tight joint. 1/4 inch, price 50c per pair by mail prepaid. The coupler furnishes all sizes up to 2 inches. Write for catalog and prices.

Trowels, all steel, one piece, 50c.

Hazelton 20c, by mail 30c.

POULTRY SUPPLIES.

RUST'S EGG PRODUCER.

The Hen Pursuader.

Makes egg producing a profitable pursuit. It makes fowls vigorous and healthy, shortens the moulting period, prevents and cures weak legs, and is just what is needed to make poultry keeping the most profitable operation on the farm. It don't cost much to use it, for although eggs are often dear, Rusts Egg Producer is always cheap. 1 lb box 25c, 2½ lb box 50c, 6 lb box \$1.00; 15c per lb extra if wanted by mail.

HAVEN'S CLIMAX CONDITION POWDERS.

It cures diseases and keeps stock and fowls healthy.

It makes turkey raising successful.

It is the only real cure for gapes and fowl cholera.

It gives lasting benefits in heaves, without the slightest injury.

It increases and improves the production of milk.

It is unlike any other powder, and those who use it once will have it again.

It is highly concentrated to make the dose small.

It is not a food, but an honest medicine at an honest price.

Price, 14 oz. package, 25c; 15c per package extra if to go by mail. Box, 2½ lbs., 50c; 6 lbs. \$1.00.

HAVEN'S ROUP PILLS.

These pills act directly on the glands and mucous membrane, allay all tendency to fever, and carry off all morbid matter from the system. They are entirely free from everything harmful, and are believed to be the best remedy ever discovered for Roup, Catarrh, Colds, and Distemper. They are composed of medicines in concentrated form, are moderate in size and therefore easy to give to fowls. Price per box of 48 pills 25c, by mail.

IMPERIAL EGG FOOD.

For all kinds of Laying Fowls, Young Chickens, Ducks, Geese, and Turkeys.

It keeps fowls in the best condition, and makes poultry the most profitable stock on the farm. It supplies all needed material for forming bone, muscle and feathers, and by its gentle tonic effect strengthens the digestive organs and lays the foundation for vigorous, healthy, and therefore profitable fowls. Price, 1 lb 50c, 2½ lb \$1.00, 6 lb \$2.00; 15c per lb extra if sent by mail.

PREPARED MEAT FOR POULTRY.

This is prepared with great care, and is shipped by us to all parts of the United States, principally to parties who are engaged in raising poultry and eggs for market. It is the finest thing we know of to cause hens to lay during the winter. High prices always prevail at this season of the year, which makes it extremely profitable to feed. Per lb 5c, 5 lb 20c, 15 lb or over 3c per lb.

Crushed Oyster Shells. Will keep your poultry healthy and increase the supply of eggs. Per lb 5c, 3 lb 10c, 10 lb 25c, 100 lb \$2.00.

Fine Ground Oyster Shells. Per lb 5c, 3 lb 10c, 10 lb 25c, 100 lb \$2.00.

Granulated Bone. Per lb 5c, 10 lb 45c.

Pure Ground Bone. Per lb 5c, 10 lb 45c.

Sunflower Seed. Per lb 10c, 3 lb 25c.

Medicated Nest Eggs. Each 5c, per doz. 50c.

Poultry Fountains. Each 25c to \$1.00.

WILD RICE. For planting in fish ponds it is especially desirable; also does well along the edge of marshes, and makes fair hay. So in the fall or early spring. Will grow in water up to 8 ft. deep. Per lb 50c, by mail 60c.

FISH FOOD. For gold and silver fish. Per box 10c, by mail 15c.

INSECT DESTROYERS.

LIQUID INSECTICIDES CAN NOT BE SENT BY MAIL.

FIR TREE OIL.—A soluble insecticide, effectually destroying all kinds of pests to which plants are subject. Equally effective on animals, and is harmless to the skin and hands when used as a wash. Full directions with each bottle. Per quart \$1.25, pint 75c, ½ pint 40c, small bottle 25c.

WHALE OIL SOAP.—One of the most effective and cheapest remedies to destroy slugs, worms, and other insects on trees, shrubs, garden and house plants. Per lb 15c, 2 lb 25c, 4 lb 45c, 8 lb 80c; if to go by mail add 16c per lb for postage.

ROSE TOBACCO SOAP.—For washing and syringing plants, trees, etc. A valuable preparation. Per ½ lb box 25c, by mail 35c.

TOBACCO STEMS.—For fumigating plants infested with green flies, etc. Per lb 15c, bbl. \$1.00.

TOBACCO DUST.—Very effective. Much used on cabbages now. 5 lb for 25c, 100 lb \$3.50.

PERSIAN INSECT POWDER.—Very destructive to all insect life. Per ¼ lb 20c, ½ lb 30c, 1 lb 50c; if by mail add 16c per lb.

FLOUR OF SULPHUR.—A preventative of mildew on roses, grape vines, etc. Per lb 10c, 10 lb 65c.

PARIS GREEN.—Strictly pure. Per ¼ lb 10c, ½ lb 15c, 1 lb 25c; if by mail add 16c per lb. Special rates on larger quantities.

WHITE HEBEBORE.—Very effective for destroying rose slugs and currant worms. Per lb 30c, if by mail 45c.

HAMMOND'S CELEBRATED SLUG SHOT.—Guaranteed to destroy potato bugs and those on tomato and egg plants, currant worms, cabbage lice and worms, fleas, beetles, and striped bugs on melons, turnips, beets, onions, etc., canker worms and caterpillars on fruit and ornamental trees. Price, 5 and 10 lb packages, 6c per lb; 25 to 50 lb at 5c per lb. By barrelful in bulk, 225 to 265 lb weight, 4c per lb, free on board cars. Tin canisters with perforated tops, holding ¾ pints, 25c; if by mail, 40c.

Novelties and Specialties IN VEGETABLES.

NEW BUSH BEANS.

Keeney's Rustless Golden Wax Bean.

This is the long-looked-for bean, combining hardiness and productiveness with fine quality. A strong growing bush variety, of remarkable vigor and freedom from rust. It sends out short tendrils, on which pods are formed in addition to those near the central stalk of the plant, which accounts for its wonderful productiveness, amounting, under favorable conditions, from 100 to 150 fold. The packets contain an ounce of beans, being sixty to seventy-five in number, and if planted, one bean in a place, ten inches apart in the row, and the rows 24 to 28 inches apart, they will produce, under favorable conditions, a bountiful supply for a family of six or eight persons. The pods are meaty and well filled, thick-flat when young, and semi-round later; of rich yellow color and fine quality, and entirely stringless, even when large enough to shell. If the pods are picked as fast as formed, the plant continues to furnish a bountiful supply for an unusually long season. Per pkt. 15c, 2 pkts. 25c, postpaid.

Extra-Early Market Bean.

This is an exceedingly vigorous and healthy grower, and enormously productive, the pods being borne in thick clusters and as many as thirty-five to forty on each plant. In earliness of ripening it is some days ahead of the Mohawk, and fully a week before the Best of All. It is rust-proof to a remarkable degree. Out of a lot left in an open vessel for eight days, not one was found to be yellow or rusty. The seeds being black, it is likely to remain true to its character longer than light or different colored beans. The pods are of a light green color, long and perfectly round, solid-fleshed, and of very soft marrow and texture. For earliness, productiveness, solidity of flesh, and roundness of pod, it excels any now in cultivation. Per qt. 50c, pt. 25c, pkt. 10c. If ordered by mail, add 10c per pint, 15c per quart, for postage.

Marvel of Paris.

This new bean has long, slender, flat, green pods. It is very early and remarkably productive, and remains in bearing longer than any bean we have ever grown. A desirable early market variety. Per pk. \$2.00, ½ pk. \$1.25, qt. 35c, pt. 20c, pkt. 10c. Add 10c per pint and 15c per quart extra when ordered sent by mail.

LEMON BLUSH TOMATO.

This new tomato originated with Mr. E. S. Carman, editor of *The Rural New Yorker*. The skin and flesh are a bright lemon yellow, with a faint rose blush or light crimson tint around the blossom end. Its average size is larger than the Acme, in shape somewhat broader than deep, and absolutely free of seams, lobes, or irregularities. The seeds are notably small and few, the cell walls thick, tender, crystalline, and melting—the quality being less acid than the red varieties, yet without the insipidity which characterizes the yellow kinds in general. Per pkt. 10c, oz. 45c.

TWO GRAND NEW POTATOES

CARMAN No. 1 and IRISH COBLER.

Carman No. 1.

This grand new potato was introduced last season, and created quite a sensation among potato growers, and though offered for sale at almost prohibitory prices, the demand for it was many times in excess of the supply. It is a seedling from seedlings raised through several generations with the object of developing good and suppressing undesirable qualities. It is intermediate in ripening, and resembles the Rural New Yorker No. 2 in shape and also in having few and shallow eyes. The flesh is peculiarly white and the quality perfect. The vines make a most luxuriant growth, and produce enormously large and handsome tubers. Owing to the drouth, the potatoes are small this season. Per 1 lb 40c, 2 lb 60c, 3 lb 75c, by mail postpaid. Per ½ pk. \$1.25, 1 pk. \$2.00, by express.

Irish Cobler.

These are extra early potatoes, first in the market, and bring highest prices. An Irish shoemaker was found to have a variety, not offered by seedsmen, producing plump, handsome tubers of good size and excellent quality, when the extra early sorts which gardeners had were yet too small for market. The tubers are a beautiful creamy white. Eyes well developed and but slightly indented. Flesh white, and skin often netted—and here let me say, this netted skin on a potato is nature's mark of fine quality. Each tuber is distinctly marked with the small white specks peculiar to that very earliest class, Ohio Junior, Early Market, and Red Ohio. In a field test last season, we found the Cobler ripened a few days earlier than the Early Ohio, and in quality it was equal to that variety. This is the first early variety we have ever grown which proved to be earlier than the Early Ohio, and any of our customers who grow potatoes for market will make no mistake in securing some of this extra early and most valuable new variety, the Irish Cobler. Per pk. \$2.00, ½ pk. \$1.25, 1 lb 40c, 2 lb 65c; 3 lb 85c postpaid.

NEW WATERMELON. **COLE'S EARLY.**

In this new variety we feel confident that we are placing before our customers a watermelon which will invariably mature in any of the States where the season is as long as that of Ohio. Cole's Early is the finest every-day melon for the amateur that we have ever seen. It is hardy, a sure cropper, and exceedingly delicate in texture of flesh, which is of a dark red color; the rind is thin, and the quality of the flesh is sustained clear to the rind. It is, however, exceedingly brittle, hence not desirable for shipping purposes; but, possessing all the other most desirable features, we can highly recommend it for home use. The melons are of medium size, nearly round in shape; rind green, with lighter shades. We feel sure that Cole's Early will become popular. Per lb 80c, $\frac{1}{4}$ lb 25c, oz. 10c, pkt. 15c.

CINCINNATI MARKET RADISH.

This new radish has been tested by our market gardeners the past season and pronounced the hand-

somest long radish in cultivation. It is a rosy scarlet in color, with very small top, and grows six to seven inches in length. The skin is very thin, the flesh crisp and brittle and very mild flavored, even if grown to a large size. It is especially adapted for forcing, and will outsell any other radish in the market. It is also well adapted for outdoor culture. Per lb \$1.00, $\frac{1}{4}$ lb 30c, oz. 10c, pkt. 5c.

New Forcing Radish.**WHITE PEARL.**

This new sort is a cross between Wood's Early Frame and White Strasburg. A most distinguished characteristic is its rich, waxy appearance. The shape is one long sought for and the most advantageous for bunching, being what might be called half stump rooted. The color is pearl white, with the waxy appearance above described, and the texture is very firm and solid. It is about one week later than Wood's Early Frame, but after they are ready for marketing they remain in eatable condition fully two weeks longer, before they show signs of going to seed, and do not become woody. Do not bear quite so close planting as Wood's Early Frame, but their long standing after being ready for market, without running to seed or becoming woody or unfit for table use, more than makes up for wide planting. Per lb \$1.50, $\frac{1}{4}$ lb 40c, oz. 15c, pkt. 10c.

Ornamental Pomegranate.

Grows on a pretty vine. Its handsome fruit is a lemon yellow, striped and sometimes spotted with dark orange. Varying from the size of a small peach to that of an orange. Very fragrant, sweetly perfuming a room with their pleasant odor for days. Very prolific and easily grown. Per pkt. 10c, 3 pkts. 25c.

TWO NEW FORAGE PLANTS.

Sacaline.

This very valuable new forage plant from Russia is now offered for the first time in America. It is perfectly hardy, even in Siberia, flourishes in the Indies, and requires no plowing after planting. It needs no cultivating, no manuring, and no replanting. The roots penetrate deep into the soil, and *when once planted it stands forever*. It endures severest drouth with impunity, and grows in poorest soil; luxuriates in wet land, and thrives where no other forage plant will grow. Stems and leaves, green or dry, are relished by sheep, cattle, and horses. Gives three and four cuttings per year, and produces 90 to 180 tons of green forage per acre. It grows 14 feet high by June, and is an excellent soil enricher; can be planted at any time; floods will not destroy it, fire will not kill it, cattle can not trample it out. Per pkt. 15c, 2 pkts. 25c, 5 pkts. 50c, oz. \$2.50.

Lathyrus Silvestris Wagneri—Flat Pea.

This wonderful forage plant has created a sensation in agricultural circles in Europe, where its value is now generally known and recognized. It resists continued drouth, and thrives well on the poorest sandy and stony soils. It is more nutritious than the best clover, and when once established will continue to yield for years abundant harvests of excellent quality. Per pkt. 10c, 2 pkts. 25c, oz. 35c, $\frac{1}{4}$ lb \$1.00, 1 lb \$3.50.

NEW ICEBERG LETTUCE.

The handsomest head lettuce in cultivation. The large curly outside leaves are light green, with a slight reddish tint at the edges. The leaves have small indents, which are constantly filled with dew-drops, thus keeping them always fresh, and giving them a crystalline appearance, hence its name. The Iceberg is the hardest heading sort we know—the heads must be cut with a knife in order to allow the seed stalks to grow. An excellent lettuce for the home garden, and equally valuable for the market. Per $\frac{1}{4}$ lb 60c, oz. 20c, pkt. 10c.

A Beautiful New Ornamental Egg Plant FROM TEXAS.

Closely resembling an edible egg plant in appearance of plant, this should be grown either in the vegetable garden or in an obscure portion of the flower garden. It is well worth growing for the unusual character of its fruits, which retain their unique beauty for months. The fruit is its striking feature, of such intense scarlet color and so glossy

as to make one believe, at first sight, that it is artificially colored and varnished. Much pleasure can be derived from giving detached fruits to friends, as every one wonders, "What can it be?" Per pkt. 10c, 3 pkts. 25c.

NEW LADY FINGER OKRA.

To our friends in the South it is unnecessary to say anything about the advantage of young green seed pods of okra for flavoring soup. We regret that in the Middle and Northern States they are not so thoroughly appreciated as they should be. Every garden should certainly have a small row of okra. The plants are uniform in growth, and their large, hibiscus-like flowers make a pretty sight, while the seed pods, produced in abundance, give a consistency and flavor to soup that is unequaled. The variety we now offer is quite prolific, producing long, slender pods of the form shown in the illustration above.

Per $\frac{1}{4}$ lb 40c, oz. 15c, pkt. 10c.

NEW TOMATO. FORDHOOK FIRST.

We grew this new tomato on our trial grounds the past season, side by side with other *extra early* varieties, and while some of them were as early, none of them were as smooth and perfect. We unhesitatingly recommend this new tomato as the earliest smooth variety on the market to date. It ripens fully as early as Earliest of All, Early Ruby, Atlantic Prize, and others of the extra earlies, and while these are rough and unsightly, the Fordhook First is always smooth and perfect. It ripens evenly up to the stem, is heavy and solid, with a tough skin, is of medium size, and in color is between the crimson of the Acme and the orange red of the Ignatum. Per pkt. 10c, three pkts. 25c, oz. 50c.

FLOWERS

NEW AND RARE.

Clematis Paniculata.

Clematis Paniculata.

New Sweet Scented Japan Clematis.

Foliage remarkably clean and healthy, and very free from insect enemies; of a deep, clear, glossy green. For any situation where a rapid growing climber is needed, this will be found a most valuable plant. For making arbors, covering trellises, trailing over old stumps or trees, or as an ornament to porches, it is especially desirable.

The flowers are pure white, sometimes slightly tinged with cream, about three fourths of an inch in diameter star shaped, and of a most pleasing and penetrating fragrance. They are borne in clusters on stiff stems four to six inches long. It is the most fragrant of any of the clematis family. We know of no climbing plant which possesses the hardihood and vigor, with free flowering qualities combined, to compare with this.

25c each, 5 for \$1.00; extra strong, 50c each, 3 for \$1.00.

Plumbago Coccinea Superba.

A splendid flowering plant bearing sprays of bright red flowers, very attractive, and of great value as a pot plant for conservatory decoration. It grows freely in the open ground in the summer, and can be lifted up and potted in the fall for winter blooming. The foliage is large and handsome, deep green, with light bronze green on the young leaves. This is a most showy, desirable, and attractive plant in every way, and should be in every collection. Price, 25c each.

We can also furnish Alba (white), and Capensis (blue). 15c each.

FARFUGIUM GRANDE.

The Brilliant Leopard Plant.

The Farfugium is a decorative plant of the highest order. Its beautiful, showy foliage, easy of culture, and its general adaptability for growing in the house or window garden, should make it one of the most popular plants in cultivation. The leaves are large, thick and leathery, of a rich, dark, glossy green, and handsomely illumined with showy yellow blotches of various forms and sizes. It is also well adapted to outdoor culture, a warm, partially shaded situation suiting it best.

Strong plants, each 30c, two for 50c.

Swainsonia Galegifolia Alba.

Feathery Foliage and Pure White Flowers.

We bring prominently before flower lovers this very distinct climbing plant. The Swainsonia was but recently brought to this country from Australia. The habit of growth is extremely graceful, and the vines, trained up at the side of a window, or on a trellis, present a lovely sight of light green, feathery foliage, and pure white sprays of fairy-winged flowers, somewhat resembling sweet peas in form. Easily grown, and under favorable conditions it is almost a perpetual bloomer. There is certainly no climbing vine for house, conservatory culture, or choice locations in the garden, that is more desirable than this fine, new plant.

Fine plants, 20c each, three for 50c.

GRAND NEW CANNA.

Queen Charlotte.

The Finest Bedding Canna—Unequaled for Richness of Color, Unrivalled for Profusion of Bloom, Unapproached in Flowery Foliage and Habit.

When seen in groups, the brilliancy of Queen Charlotte dazzles the eye with its brilliant scarlet crimson, massy gold, and rich orange scarlet—separate and distinct, yet blended as only Nature can blend and harmonize in her own way. The grand color effects produced can only be conceived by actual observation, and but faintly expressed by the most minute and accurate description. The intense velvety crimson of the ground color, melting through the *massy gold bands* which belt it round, reflects upon the eye in different tints and tones, until its defining power is lost in admiration of the feast of crimson and gold presented to it. The individual flower in the accompanying illustration does not show clearly enough to what extent the golden band goes, and what effect it has on the whole flower.

As a pot plant for winter blooming, this grand new Canna has a brilliant future, while for bedding and massing it can not be excelled.

Price, 75c each.

New Canna—Queen Charlotte.

CYPERUS ALTERNIFOLIUS, Umbrella Plant.

A beautiful, easy growing plant, which is admirably adapted to many different modes of culture; in fact it seems to thrive in almost any situation and under all circumstances. It makes a very showy plant for pot culture, while for the aquarium it is without equal.

Plants, 25c each.

New Hardy Pink—Her Majesty.

An English variety far in advance of anything yet seen in this class of plants. Has been grown here some years, is now thoroughly acclimated, and is one of the most popular cut flowers of the day. The flowers, which are of large size, similar to a Carnation, are of the purest white and very fragrant; borne on long stout stems. It is perfectly hardy, and we consider it a plant of great merit. Plants each 15c, four for 60c.

PELLIONIA.

So-Called Mexican Peperomia.

One of the handsomest greenhouse or parlor plants that we have ever seen. We can say nothing but praise in its behalf. The engraving herewith shows but faintly its beauty. It grows very rapidly in a warm, moist place, sending out long creeping or drooping branches in every direction. The foliage is of the most beautiful olive green, marbled all over with silvery gray, and covered with a pearly velvety luster, while the under sides of the leaves are bright red. Its drooping habit makes it most desirable as a basket plant for specimens on pedestals. Being of easy growth and propagation, it will soon become very popular. It will certainly delight.

Plants, 25c each.

ELEAGNUS LONGIPES.

A Valuable New Fruit, as well as a Magnificent Ornamental Shrub, from Japan—Perfectly Hardy, and Free from Disease and Insect Vermin of All Kinds.

Extract from Wm. Falconer in *The Rural New Yorker*: "The shrub *Eleagnus Longipes* is one of my special favorites. I have grown it for years, and the longer I know it the better I like it. It is a native of Japan, and belongs to the olive family of plants, and is perfectly hardy. As a garden shrub it grows to a height of five feet or more, is bushy and broad and thrifty. Plants begin to fruit when two or three years old. The leaves are oval, oblong, green above, silvery beneath, and last in good condition all summer long, and are never disfigured by insect vermin. The flowers are small, silvery yellow, and borne in great abundance, and are in full bloom about the 6th to 10th of May. The fruit is oval, five-eighths of an inch or more long, very fleshy and juicy, bright red, and drooping, on slender pedicels on the under side of the twigs, and borne in immense profusion. It is ripe about July 4th. We use the fruit for sauce, as one would use cranberries, and a delicious sauce it makes, especially for children. Indeed, I like it so well that I have planted it in our fruit garden as a standard crop, as one would currants."

We heartily endorse all Mr. Falconer has said, and think from the enormous demand which we had the past season, it is one of the most popular fruits of recent introduction. Its beauty as a shrub and fine qualities as a fruit make it a most valuable addition to the garden. Give it a place in your order this year. Our stock is fine. Price, 30c each, four for \$1.00, nine for \$2.00.

NEW HARDY HIBISCUS.

Crimson Eye.

A remarkably showy and handsome hardy plant. It is a robust grower, with dark red stems and foliage. The flowers are immense in size, often measuring twenty inches in circumference. The color is of the purest white, with a large spot of deep, velvety crimson in the center of each flower.

Price, 20c each.

The Hardy Chinese Matrimony Vine.

(Lycium Chinense.)

It is a most vigorous, hardy climbing plant, when trained to an arbor, fastened to a fence, attached to a tree, to the side of a house, the pillars of a piazza, or in any location where a hardy, vigorous climber is desired. It sends out numerous side branches, so that it covers a great amount of space in a short time, and every new growth is at once covered with bright purple flowers, which are succeeded by brilliant scarlet berries nearly an inch long, every branch being loaded with them. The contrast between the glossy, dark green foliage and shining, scarlet fruit is extremely beautiful. It continues flowering and new berries are forming from late spring till frost. 20c each.

JAPANESE WINEBERRY.

This interesting plant belongs to the Raspberry family. The fruit is borne in large clusters, and each berry is at first enveloped by the large calyx, forming a sort of burr, which is also covered with purplish red hairs so thickly as to present the appearance of moss rose buds. These gradually open and turn back, exposing the fruit in all its beauty. A bush in full fruiting is a decided ornament to the garden. For jelly making, canning, and preserving, it is without an equal. Plants, 15c each, \$1.50 per dozen.

Sansevieria, or Alligator Lily.

If a plant is wanted to grow anywhere, in or out of the sun, to stand draught, dust, and heat, and always look fresh and healthy, then order this. It is a beautiful plant, splendidly adapted for decoration of drawing rooms and halls, as it stands all manner of abuse—except freezing—with impunity, even preserving its cheerful look when you have forgotten to water it for a month. The leaves grow to a length of 3 to 4 feet, and are beautifully striped and variegated with white on a green ground. The leaves do not fade and die, but increase in number and size each year, until if allowed it fills a large pot and forms a majestic decorative object. Strong plants, 20c each.

NEW MAMMOTH VERBENA.

Fordhook Famous.

A truly mammoth strain of Verbena that produces uniformly magnificent trusses, of which the individual flowers are all of unusual size, and which also embrace a wide range of colors. In fact, many are scarcely covered by a silver half dollar. You can realize how large the flowers are from the illustration, which has been accurately reproduced from a photograph natural size. The colors are varied, and embrace all desirable markings.

Per pkt. 15c, two pkts. for 25c.

NEW

Plumed Celosia.

The Triumph of the Exposition.

This superb novelty was first exhibited at the Paris Exposition of 1889. It grows easily and quickly from seed, each plant being uniformly of the handsome pyramidal form depicted in the illustration, about 2½ feet in height. Of free but regular branching habit, every stem is crowned with a magnificent

New Plumed Celosia—Triumph of the Exposition.

feathery plume of the most intensely brilliant red. A single plant or a row is so vividly brilliant in the sunlight that it is almost painful to look upon—and yet so surpassingly beautiful that it seems impossible to withdraw one's gaze. The splendid color is most admirably shown off by the bronze-colored foliage, making it altogether a highly decorative plant, and one of most unusual merit. We want every garden to have it, and for that reason we offer the seed at a low price. Per pkt. 10c, three pkts. for 25c.

New Mammoth Verbena—Fordhook Famous.

NEW MAMMOTH COSMOS.

Giants of California.

This new strain of Cosmos is notable both for purity of color and the gigantic size of its flowers. The broad petals overlap each other, producing perfectly circular flowers of splendid substance, which measure *four inches across*, sometimes even reaching five inches in diameter, making a circumference of from twelve to fifteen inches. The colors are pure white or delicate, clear pink. The plants, five to six feet high, are one mass of feathery, fern-like foliage, studded with the mammoth flowers, long after most other plants have succumbed to the early frosts.

The price of seed, either of the Giant Pure White or Giant Pink, separate, is 15c per pkt., or the two pkts. for 25c; both colors mixed, per pkt. 10c, or three pkts. for 25c.

New Japanese Variegated Hop.

We recommend this extremely handsome and distinct climbing vine as very valuable for trellis and high places. The leaves are strikingly variegated and marked. The first color is bright, deep green, distinctly marked and blotched with silvery white tinged with yellow; now and then a leaf will be almost snowy white, and another one, not far away, almost green. A superb, strong grower; twenty to thirty feet in a few weeks time; not injured by heat or insects. Per pkt. 10c, three pkts. for 25c.

New White Branching Aster.

A new variety, of American origin. Of branching character, the magnificent, large, pure white flowers, quite 4 in. in diameter, are borne upon long stems, making them excellent for cutting. Long, broad petals frequently twisted and curled, giving blossom the appearance of a large, graceful chrysanthemum. Per pkt. 20c, three pkts. for 50c.

General List of Vegetable Seeds.

IMPORTANT! READ VERY CAREFULLY!

WE GUARANTEE the safe arrival of all seeds.

PLEASE USE OUR ORDER SHEET AND ENVELOPE, and be particular to fill the blanks plainly, especially your **Name, Postoffice, County and State**, and keep the order for seeds and plants separate from other matter you may wish to write about.

FREE BY MAIL.—We prepay the postage on all garden seeds except Peas, Beans and Corn. When these are ordered by mail please add 8c per pint and 15c per quart to pay the postage. Peas, Beans and Corn, when ordered by the half peck, peck, half bushel, or bushel, will be sent by express or freight at purchaser's expense.

BE SURE TO WRITE YOUR NAME AND ADDRESS PLAINLY.—We frequently receive orders without names; others without postoffice or state, and with name or postoffice written in such a careless manner that it is impossible to read them.

KEEP A COPY of your orders, that you may know, when a package arrives, that all is correct, as people often forget what they order, and complain without cause.

ESPECIALLY IMPORTANT.—It sometimes happens that an order is lost in coming to us, or the goods in going to the customer; therefore if you do not hear from your order in a reasonable length of time, send

a duplicate order naming the date on which the former order was sent, the amount of money enclosed, and in what form. This will enable us to investigate the matter and fill duplicate order promptly.

CORRESPONDENCE.—We will cheerfully give information to customers on any subject pertaining to our business providing a two-cent stamp is enclosed for reply, but we would request that such inquiries be written on a separate sheet from the order, and in as few words as possible. This will save us both trouble and time, and insure a prompt reply.

HOW AND WHEN TO ORDER.—It will greatly aid us if those ordering seeds, etc., will forward their list (made out on the order sheet that accompanies this catalogue) as soon after receipt as possible.

ORDERING BY EXPRESS.—Express companies now have purchasing departments in all their offices. If you wish to order goods from us to be sent by express, ask for a *Purchasing Order Blank* at any express office, and it will be supplied and forwarded to us without charge other than the usual rates for returning goods.

ABOUT REMITTING.—Remittances should be made either in the form of a *P. O. Order, Bank Draft, Express Money Order, or Registered Letter.*

REMITTANCES IN ANY OTHER WAY are entirely at the sender's risk.

DISCOUNTS ON VEGETABLE SEEDS.—For every dollar sent us you may select Vegetable Seeds (in packets only) to the amount of one dollar and twenty-five cents.

ARTICHOKE.

Sow early in April in rich soil, in drills one inch deep, and rows twelve inches apart, and thin out to four inches apart in the row.

Large Green Globe.—Pkt. 10c, $\frac{1}{2}$ lb. 30c.

Jerusalem.—Is entirely different from the Globe Artichoke, being grown exclusively for its tubers, which somewhat resemble potatoes, and are cultivated in same way, only that the rows must be four feet apart. Quart 35c, post-paid; by express, pk. 75c, bu. \$2.50.

ASPARAGUS.

Palmetto.

Sow early in spring in shallow drills, twelve inches apart. When one or two years old, transplant them into permanent beds, one foot apart in the row and rows at least two feet apart. Use an abundance of manure, as the Asparagus is a gross feeder.

Conover's Colossal.—A standard variety, tender, early and productive; pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, 1 lb. 50c.

Palmetto.—Much larger, a better yielder, and more regular in growth than the Conover's Colossal, decidedly the

best variety to grow; pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, 1 lb. \$1.00.

BEETS.

Early Eclipse.

Early Eclipse.—A very early globe-shaped beet, with small top and thin root. Its skin is an intense dark red; its flesh of very fine texture; in earliness

Detroit Dark Red Turnip.

and quality is excelled by none. Per lb. 60c, $\frac{1}{4}$ lb. 20c, oz. 10c, pkt. 5c.

Crosby's Improved Egyptian.—This is a selection from that old standard market sort the Early Egyptian, which retains the earliness of the parent stock, and has added thickness, giving it a more desirable shape; it is also a deeper red and of finer quality than the Egyptian, being sweeter and even more tender, making it the most desirable beet for early market. 1 lb. \$1.25, $\frac{1}{4}$ lb. 40c, oz. 15c, pkt. 5c.

Early Egyptian.—The standard early market sort. Color, very deep red; tender and sweet; in form like the flat turnip. Per lb. 55c, $\frac{1}{4}$ lb. 15c, oz. 10c, pkt. 5c.

Detroit Dark Red Turnip.—A grand new beet for bunching for market. Tops very small and uniformly upright; roots are perfect turnip shape, with small tap roots. The color is dark blood red, with no tinge of purple, and is exceedingly uniform; the flesh is most tender, crisp and sweet, and is entirely free from stringiness and woodiness, even after the roots are old and grown. The very best for market gardeners to grow after Egyptian and Eclipse. Per lb. 75c, $\frac{1}{4}$ lb. 20c, oz. 10c, pkt. 5c.

Edmand's Early Blood Turnip.—One of the best beets grown. Smooth, of very handsome shape, dark red in color, of good market size, with very small top and a single tap root. One of the best beets for market gardeners who grow beets for bunching. Per lb. 50c, $\frac{1}{4}$ lb. 15c, oz. 10c, pkt. 5c.

Crosby's Improved Egyptian.

Early Blood Turnip.—A very desirable variety for winter and summer use. Per lb. 50c, $\frac{1}{4}$ lb. 15c, oz. 10c, pkt. 5c.

Early Bassano.—One of the very earliest beets to grow for bunching. Roots large, round turnip shaped, flesh pink zoned with white, top large and light green. Per lb. 50c, $\frac{1}{4}$ lb. 15c, oz. 10c, pkt. 5c.

Long Blood Red.—The most popular variety for winter use. Tender and sweet, remaining so when kept till spring. Per lb. 40c, $\frac{1}{4}$ lb. 15c, oz. 10c, pkt. 5c.

Mitchell Early Red Turnip Beet.—This is an extra early deep blood red beet grown and selected by a market gardener whose name it bears. The roots grow smooth, of round shape, skin and flesh are of a deep red color. It is very sweet and tender at all times. Per lb. 65c, $\frac{1}{4}$ lb. 20c, oz. 10c, pkt. 5c.

MANGEL, WURZEL AND SUGAR BEETS.

Mangels have become a most popular crop with the farmers of this country, who are learning by experience that they are the cheapest and best feed they can give their cattle during the long winter months; and, besides, they keep the cattle in fine, healthy condition.

Prices on all kinds of Mangels, ounce 5c, quarter pound 15c, pound 50c, postpaid. By express, pound 40c. twenty pounds of one or different kinds, 30c per pound.

Champion Yellow Globe.—Of large size and fine quality, globular in shape and orange yellow in color; will do well on light land.

Golden Tankard.

age of sugar than any other variety used for making sugar and feeding stock.

Golden Tankard. — This fine variety is said to contain more sugar and less water than any other variety. It is of a rich, deep yellow in color very hardy and one of the earliest to mature.

Carter's Long Prize Red. — A justly celebrated variety. It is grown largely, produces large roots; single roots have weighed from 20 to 30 pounds. It is the heaviest croper of all the long Mangels.

Lane's Imperial Sugar. The best of all Sugar Beets. It is hardy, productive and contains a greater percent-

BROCCOLI.

This is a species of cabbage closely allied to the cauliflower. Sow seed thinly in seed-beds about the middle of April, and transplant and cultivate the same as winter cabbage.

White Cape.—Heads medium size, close, compact and of creamy-white color. A sure header. Per $\frac{1}{4}$ lb. \$1.25, oz. 40c, pkt. 5c.

Purple Cape.—Differs from the preceding only in color. Per $\frac{1}{4}$ lb. 1.00, oz. 30c, pkt. 5c.

BRUSSELS SPROUTS.

This plant grows from two to three feet high, and produces from the sides of the stalk numerous little sprouts one or two inches across, resembling small cabbages.

Dwarf Improved.—A variety producing compact sprouts of excellent quality. Per $\frac{1}{4}$ lb. 40c, oz. 10c, pkt. 5c.

DWARF OR BUSH BEANS.

When Beans are ordered to be sent by mail, 8c. per pint and 15c. per quart must be added to the price here given, to pay postage.

Early Mohawk.—This is the hardiest, earliest and most productive of all the dwarf varieties. The vines are large, with coarse leaves that will stand a light frost. Pods long and flat. Per bushel \$3.50, pk. \$1.00, qt. 20c, pt. 10c, pkt. 5c.

Long Yellow Six Weeks.—Extra early. Vines large, branching, vigorous and very productive. Pods long, flat and of good quality. Bushel \$3.50, pk. \$1.00, qt. 20c, pt. 10c, pkt. 5c.

Extra Early Red Valentine.—This variety is fully ten days earlier than the Old Red Valentine, and is usually ready to pick in thirty-five days from time of planting. The plants are uniform in size, and bear in enormous quantities. Round, fleshy pods of excellent quality. Bushel \$4.00, pk. \$1.25, qt. 20c, pt. 10c, pkt. 5c.

Early Red Valentine.—Identical with the preceding, but not so early by at least a week. Bushel \$3.50, pk. \$1.00, qt. 20c, pt. 10c, pkt. 5c.

Extra Early Red Valentine.

Dwarf Horticultural.—A very productive variety that will furnish shelled beans which will almost equal the Lima in quality. Bushel \$4.00, pk. \$1.15, qt. 20c, pt. 10c, pkt. 5c.

Refugee, or Thousand to One.—An abundant bearer. One of the very best for pickling. Pod light green in color, round, fleshy and tender. Bushel \$4.00, pk. \$1.15, qt. 20c, pt. 10c, pkt. 5c.

Refugee or Thousand to One.

Improved Tree Bean.—A valuable sort for field culture; the most prolific variety known. The beans are small, roundish, very white, of fine flavor, and cook very even and quick. Bushel \$3.50, pk. \$1.00, qt. 20c, pt. 10c, pkt. 5c.

White Marrow.—One of the best. Equally good for shelling or green. Bushel \$3.50, pk. \$1.00, qt. 20c, pt. 10c, pkt. 5c.

White Kidney.—An excellent bean for shelling, either dry or green. Bushel \$3.50, pk. \$1.00, qt. 20c, pt. 10c, pkt. 5c.

YELLOW PODDED VARIETIES.

Improved German or Black Wax.—An excellent strain of the old favorite Black Wax. Extremely early and productive. Pods round, and rich golden in color. Bushel \$4.50, pk. \$1.25, qt. 25c, pt. 15c, pkt. 5c.

Improved Golden Wax (Grinnell's).—Of all the varieties of wax bush beans this is the earliest. The pods are long, flat, brittle and entirely stringless; as

a snap bean it excels all others in tenderness and richness of flavor. Bushel \$5.00, pk. \$1.40, qt. 25c, pt. 15c, pkt. 5c.

Golden Eyed Wax.

—This is an entirely new, very early, wonderfully productive and vigorous growing variety. A beautiful upright grower, free from blight and rust. A truly magnificent variety; one of the best for market. Bushel \$5.00, pk. \$1.40, qt. 25c, pt. 15c, pkt. 5c.

White Wax.—Transparent pods, stringless, good flavor, very brittle and tender. An extra good sort for the family garden. Bushel \$5.00, pk. \$1.50, qt. 25c, pt. 15c, pkt. 5c.

Detroit Wax.—The handsomest and hardiest of all the wax beans. Pods straight, and broader than those of the Golden Wax; quality very good. Bushel \$5.00, pk. \$1.50, qt. 25c, pt. 15c, pkt. 5c.

Wardwell's Kidney Wax.—Hardy and productive. Pods long, broad and flat, and of a delicate, waxy yellow color, tender and entirely stringless. It outyields the Golden Wax, and is equally as early. Bushel \$5.50, pk. \$1.50, qt. 25c, pt. 15c, pkt. 5c.

Currie's Rust Proof Wax.—This bean is positively rust proof. We have grown it for several years side by side with all the other wax beans, and while all of them were more or less affected by rust and many of them completely ruined by it, this bean has remained completely free from any speck of rust.

BUSH LIMA BEANS.

Henderson's Bush Lima.—This is the earliest of the Bush Limas. While not as large as the other Bush Limas, it is very early and immensely productive. It is really a good bean, and deserves a place in every garden. It grows without the aid of poles, in compact bush form, about eighteen inches high. The beans are about the size of Sieva Lima, and of good quality. Bushel \$6.00, pk. \$1.75, qt. 25c, pt. 15c, pkt. 10c.

Burpee's Bush Lima.—This is the large Lima in true bush form. The bushes grow from eighteen to twenty inches high, of stout growth and always erect, yet branching so vigorously that each plant develops into a circular bush two feet or more in diameter. The thickness of the main stalk and branches of the plant, as also the unusual size, healthy green color, and thick leathery substance of the leaves, indicate the strong constitution of this variety, by which it is enabled to bear large crops; and it is also a sure croper. In quality it is identical with the large pole Limas. Pk. \$3.00, qt. 50c, pt. 30c, pkt. 10c.

Dreer's Bush Lima.—This is a bush form of the well known "Dreer's" or "Potato" Lima, the beans growing closely together in the pods, and being very thick, sweet and succulent, and is of much finer quality than the large Lima.

Burpee's Bush Lima Beans. Natural Size.

It is as early as the Golden Wax, and the pods are much larger; and it is moreover amazingly productive, exceedingly crisp and tender, and of a delicious flavor. Bushel \$6.50, pk. \$1.75, qt. 30c, pt. 15c, pkt. 10c.

The bush form is two feet high and of vigorous, bushy habit. This variety, from its abundant foliage, always succeeds better in a dry than in a wet season, and should be planted at least two feet apart, and on a light, sandy soil if practicable. Peck \$3.00, qt. 50c, pt. 30c, pkt. 10c.

POLE BEANS.

Dutch Case Knife.—One of the earliest and most productive. Pods green, long, flat. Beans kidney-shaped, white in color. Used either green or dry. Per pk. \$1.25, qt. 25c, pt. 15c, pkt. 10c.

White Creasback.—An extremely early green pod bean, which cannot be praised too highly. It is a good grower and exceedingly productive. The long pods are produced all over the vine in clusters. Pods perfectly round, with a crease in the back, stringless, very fleshy, and of fine quality. Per pk. \$2.00, qt. 35c, pt. 20c, pkt. 10c.

Golden Cluster Wax.—The earliest and best pole wax variety. Although it begins to bear early, it continues until frost. You will be surprised at its beautiful appearance and productiveness. The pods are from six to eight inches long, borne in clusters of from three to six, and are most freely produced. Stringless, very tender and of delicious flavor. Per pk. \$2.50, qt. 35c, pt. 20c, pkt. 10c.

Extra Early Jersey Lima.

—The beans are nearly as large and fully as good as the Large Lima, while they mature about ten days earlier. The vines are vigorous in growth, bearing profusely, large, broad pods in clusters of four. Per pk. \$2.00, qt. 30c, pt. 20c, pkt. 10c.

Dreer's Improved Lima.

—Early and very productive. The pods are smaller than in Large Lima, but the beans are very plump and are so close together in the pods as to crowd against each other. Per pk. \$2.00, qt. 30c, pt. 20c, pkt. 10c.

Large White Lima.—The well known summer and winter variety. Large, greenish-white beans, of finest flavor, shelled, green, and also good dried for winter use. Being very tender, it should not be planted until the ground is warm. Per pk. \$1.75, qt. 25c, pt. 15c, pkt. 10c.

King of Garden Lima.

While the dried beans are about the same size as the common Large Lima, the green beans are of unusual size. The pods are very long, and frequently contain four to six very large beans. The beans are all so large and handsome that they sell well on the market, while in quality they are excellent. The pods are produced in large clusters, and the large vines present a beautiful sight. Per pk. \$2.25, qt. 35c, pt. 20c, pkt. 10c.

Horticultural Cranberry, or Wren's Egg.—Vines vigorous, pods short, flat, medium green. Beans large, ovate, spotted with red. Of the highest quality, either green or dry. Per pk. \$1.50, qt. 25c, pt. 15c, pkt. 10c.

Golden Cluster.

Kentucky Wonder, or Old Homestead.—Produces in clusters excellent snap-shot beans in eighty days from germination. It is entirely stringless, and the pods are of a silvery-green color, resembling the popular Refugee Bush Beans. The pods, though large, cook tender and melting, and we can fully recommend it as the best pole bean grown. Per pk. \$2.00, qt. 35c, pt. 20c, pkt. 10c.

Red Speckled Cut-Short, or Corn Hill.—An old variety, very popular for planting among corn, and will give a good crop without poles. Pods short, round, and tender. Per pk. \$2.00, qt. 35c, pt. 20c, pkt. 10c.

Lazy Wife's.—One of the best pole beans grown. The pods grow from six to eight inches long, entirely stringless, and of a rich buttery flavor when cooked. The pods remain green, and retain their tender, rich flavor until nearly ripe. Per pk. \$2.00, qt. 35c, pt. 20c, pkt. 10c.

Giant Wax (Red Seeded). Very prolific. Pods waxy white, nearly stringless, tender, and of fine flavor. Per pk. \$2.00, qt. 35c, pt. 20c, pkt. 10c.

Black or German Wax.—Pods short, broad, flat, fleshy, waxy-white, and of the best quality as a snap. Per pk. \$2.00, qt. 35c, pt. 20c, pkt. 5c.

Yard Long or Cuban Asparagus Bean.—This is a great curiosity. The pods grow two feet and upwards in length, and are of a beautiful dark green in color. Though the pods are of such extraordinary length, they are produced very abundantly, and are of good quality. Pkt. 10c.

CORN SALAD.

Large Round-Leaf.—Sow early in spring in rows one foot apart; it will be fit for use in six or eight weeks. If wanted for early spring, sow in September and cover lightly with straw when cold weather approaches. Per lb. 75c, $\frac{1}{4}$ lb. 25c, ounce 10c, pkt. 5c.

CRESS OR PEPPER GRASS.

Curled.—Used for salads and garnishing. Sow in April, in rows a foot apart. Per lb. 75c, $\frac{1}{4}$ lb. 25c, ounce 10c, pkt. 5c.

CHICORY.

Large Rooted.—Used as a substitute for coffee. The tops are also used for greens. Cultivated same as carrots. Per $\frac{1}{4}$ lb. 30c, ounce 10c, pkt. 5c.

WATER CRESS.

A perennial aquatic plant. It is introduced by setting roots, or sowing seed, about midsummer, in beds prepared at the edge of slowrunning water. It is used as a salad in early spring time. True Water Cress, per oz. 30c, pkt. 10c.

COLLARDS.

This vegetable is largely grown in the south, and to a large extent it takes the place of Cabbage, as there are seasons in the south when a stand of Cabbage is hardly possible. It forms a mass of loose leaves on a tall stem. As it is hardy and vigorous plant, it comes in as an excellent substitute for Cabbage. Sow for succession from June to August. Per lb. \$1.00, $\frac{1}{4}$ lb. 30c, oz. 10c, pkt. 5c.

Select Early Jersey Wakefield.

Henderson's Early Summer.

The Faultless.

CABBAGE.

Use Slug Shot for the Cabbage Worms.

Sow seeds for early crop in hotbeds in January or February, and transplant to the open ground about the middle of April, at a distance of two feet apart in the rows, and the rows two and one-half feet apart. The autumn and winter sorts may be sown from April 1st to May 1st, and when of sufficient size, be transplanted two and a half by three feet apart. The cabbage requires a deep, rich, mellow soil, highly manured, and thorough culture, in order to obtain the best results.

Extra Early Express.—This is the earliest cabbage in cultivation, and heads fit for use are formed earlier than any other sort. It is similar to the Etampes, but the heads are solid and a little lighter in color. Per lb. \$2.50, $\frac{1}{4}$ lb. 75c, ounce 20c, pkt. 5c.

Very Early Etampes.—Similar to the well known Jersey Wakefield, but it will produce heads fit for use a little earlier, and is somewhat similar in size and not quite so pointed. Per lb. \$2.50, $\frac{1}{4}$ lb. 75c, ounce 20c, pkt. 5c.

Select Early Jersey Wakefield.—Very early, and a sure header. It has long been the favorite early sort for market gardeners. The heads are pyramidal in shape, hard and solid. Per lb. \$2.50, $\frac{1}{4}$ lb. 75c, ounce 20c, pkt. 5c.

Large Jersey Wakefield.—Larger and a trifle later than the above sort. Heads large, solid and uniform. A great favorite with market gardeners. Per lb. \$2.50, $\frac{1}{4}$ lb. 75c, ounce 20c, pkt. 5c.

Selected Henderson's Early Summer.—This sort is too well known for special description. It is still the best second-early variety grown. It is about ten days later than the Early Jersey Wakefield, but fully double the size. The heads are flat, very solid, of good texture and uniform shape. Per lb. \$2.50, $\frac{1}{4}$ lb. 75c, ounce 20c, pkt. 5c.

Nonesuch (New).—This is a cross between Newark Early Flat Dutch and Excelsior Late Flat Dutch, and in size is medium between the two. It is fully as early as the Early Summer. Its good qualities make it a general favorite for summer, fall and winter crops. Per lb. \$2.50, $\frac{1}{4}$ lb. 65c, ounce 20c, pkt. 5c.

The Faultless.—We again recommend this excellent cabbage as an exceptionally fine variety, of very regular and uniform growth. The heads are ready for market in about forty days after setting

out the plants; it is of the Early Summer type. Our seed is from the originator, and will please you. Per lb. \$2.50, $\frac{1}{4}$ lb. 75c, ounce 20c, pkt. 5c.

Burpee's All Head.—One of the earliest of the large cabbages. Well adapted for either medium, fall or winter use. Very tender, and a wonderful yielder. Per lb. \$2.50, $\frac{1}{4}$ lb. 75c, ounce 20c, pkt. 5c.

Early Winningstadt.—A pointed headed variety that is sure to head, and is very solid. A great favorite with Germans. Per lb. \$1.50, $\frac{1}{4}$ lb. 50c, ounce 15c, pkt. 5c.

Short Stem Drumhead.

Short Stem Drumhead.—Heads large, extra hard, solid, round, uniform in size and shape, of the finest quality, and a sure header. It has a very short stem, and grows very compact, the leaves all turning in to form the head. Per lb. \$2.00, $\frac{1}{4}$ lb. 60c, oz. 20c, pkt. 5c.

Dutch Winter or Holland.

The Palace (New).—This is an exceedingly dwarf, close, compact, and short-stemmed variety, very inviting in its looks, and consequently a "good seller" for market gardeners. It is of good size, light green in color, and very solid; in flavor one of the best. Per lb. \$3.00, $\frac{1}{4}$ lb. 80c, oz. 25c, pkt. 5c.

Dutch Winter or Holland.—This is the cabbage that has been imported from Holland and sold in the markets of our cities at prices nearly double those that could be obtained for the home grown. The heads of this valuable sort are of medium size, averaging in weight about eight pounds, are very solid and deep, and of very fine color, making them entirely distinct from any other strain. Their quality is superior, and they keep better than any other sort, the heads being just as solid and perfect when taken up in the spring as when they were put away in the fall. No cabbage will sell as well, even at half the price. Per lb. \$4.00, $\frac{1}{4}$ lb. \$1.00, oz. 30c, pkt. 10c.

Louisville Drumhead.—An excellent market sort, and deservedly popular with market gardeners. Heads very large and solid, a sure header, and will stand without bursting almost the entire summer. There is no better early variety than this. Per lb. \$2.00, $\frac{1}{4}$ lb. 90c, ounce 10c, pkt. 5c.

Vandergaw.—An excellent second early variety, almost as early as the Early Summer. Solid, tender and crisp, and a sure header. Ninety per cent. of marketable heads is an average yield. Being of good size and substance, it is also an excellent sort for fall and winter use. It is undoubtedly one of the best varieties for all purposes that can be found. Per lb. \$2.50, $\frac{1}{4}$ lb. 75c, oz. 20c, pkt. 5c.

Henderson's Succession.—A very early, flat-headed sort, nearly as early as the Early Summer, but of double its size, while it can be planted nearly as close, its outer leaves being unusually short. It is all head, and always sure to head. Per lb. \$2.00, $\frac{1}{4}$ lb. 60c, ounce 10c, pkt. 5c.

Large Late Flat Dutch.—Heads large, solid, broad, flat on top, and of a beautiful bluish-green color, with but few outer leaves. Largely grown for winter use. Per lb. \$1.50, $\frac{1}{4}$ lb. 40c, ounce 15c, pkt. 5c.

The Palace.

Autumn King (New).—A superior variety for late crops, producing regular, even heads of enormous size. Per lb. \$2.50, $\frac{1}{4}$ lb. 65c, ounce 20c, pkt. 5c.

Louisville Drumhead.

Large Late Drumhead.—An excellent, well selected strain of this standard variety for main crop. Per lb. \$2.00, $\frac{1}{4}$ lb. 60c, oz. 20c, pkt. 5c.

New Vandergaw.

Burpee's Surehead.

Burpee's Surehead.—An excellent hard-heading variety. Heads large, round, flattened, and of uniform size and fine texture, and weighing from ten to fifteen pounds. It is a good keeper and shipper, and certain to head even in the most unfavorable seasons. A general favorite with large growers. Per lb. \$2.00, $\frac{1}{4}$ lb. 60c, ounce 20c, pkt. 5c.

Red Drumhead.—Heads large, rounded in shape, exceedingly hard, very deeply colored. The best for field culture and a good keeper. Per lb. \$2.00, $\frac{1}{4}$ lb. 60c, ounce 20c, pkt. 5c.

Mammoth Rock Red.—Heads as large as the Flat Dutch, deep red to the center. A very highly esteemed sort, and very popular with market gardeners. Per lb. \$2.00, $\frac{1}{4}$ lb. 60c, ounce 20c, pkt. 5c.

Excelsior Late Flat Dutch.

Excelsior Late Flat Dutch.—A low-growing variety. Heads large, solid, broad and flat on top, well covered in by leaves. An excellent fall and winter variety. It is more largely grown for this purpose than any other sort. Our stock is grown from selected heads, and has no superior in the market. Per lb. \$2.00, $\frac{1}{4}$ lb. 60c, ounce 20c, pkt. 5c.

SAVOY.

American Drumhead.—Best variety for late crop. Makes large, solid heads, and is of excellent flavor. Gardeners who plant savoy largely should use this sort. Per lb. \$2.00, $\frac{1}{4}$ lb. 60c, ounce 20c, pkt. 5c.

American Drumhead Savoy.

Extra Early Paris.—This is the earliest Savoy, of good size, with solid heads, beautifully crimped. Per lb. \$2.50, $\frac{1}{4}$ lb. 65c, ounce 20c, pkt. 5c.

CARROT.

This vegetable delights in a sandy loam, well enriched with well-rotted manure. For early crop, sow in spring as soon as the ground is in good working order; for later crops they may be sown at any time until the middle of June. Sow in rows about twelve inches apart, thinning to three or four inches between the plants. In field culture, when grown for horses or cattle, the rows should be two feet apart so they can be worked with the horse cultivator.

Amsterdam Forcing.—An extra fine variety of superior quality. The root grows about six inches long, is fine in texture, tender and of good flavor; a variety that we can recommend to all market gardeners. Per lb. 80c, $\frac{1}{4}$ lb. 25c, ounce 20c, pkt. 5c.

Very Early Scarlet Horn.—The earliest for forcing; small, nearly round, of fine quality. Per lb. \$1.00, $\frac{1}{4}$ lb. 30c, ounce 10c, pkt. 5c.

Chantenay.

Half-Long Danvers.

Chantenay.—One of the most perfect and uniform in shape, smooth, a heavy yielder and of fine table qualities, grows five to six inches long, one of the very best for table and market use. Per lb. 80c, $\frac{1}{4}$ lb. 25c, ounce 20c, pkt. 5c.

Half-Long Danvers.—The best variety for general crops, of rich orange color, a heavy cropper and a splendid keeper. It is a first-class carrot for all soils, and valuable both for the table and for feeding to stock. Per lb. 80c, $\frac{1}{4}$ lb. 25c, ounce 10c, pkt. 5c.

Improved Long Orange.—Deep orange in color, big yielder excellent quality, very large size, adapted for either garden or farm culture. Per lb. 80c, $\frac{1}{4}$ lb. 25c, ounce 10c, pkt. 5c.

CAULIFLOWER.

The requirements of cauliflower are very similar to cabbage; soil that will successfully grow the one will grow the other. Sow seed in hotbeds in January, and transplant two or three inches apart in the soil of another hotbed until it is safe to plant them in the open ground. For late crop follow the directions given for late cabbage.

Extra Early Dwarf Erfurt.—One of the earliest varieties. Heads large, compact and of fine quality. Ounce \$3.00, $\frac{1}{2}$ ounce 80c, pkt. 20c.

Henderson's Early Snowball.—The earliest and surest heading variety in cultivation. If planted early in March large sized heads will be produced early in June, and scarcely a single head will fail to form. The outer leaves are short, so that the plants may be set very close. Its compact habit of growth renders it a profitable variety to force under glass, and is equally desirable for late planting. Ounce \$3.50, $\frac{1}{2}$ ounce \$1.00, pkt. 25c.

Veitch's Autumn Giant.—A large, late sort that is particularly adapted for warm climates where other varieties fail. Ounce 60c, $\frac{1}{2}$ ounce 20c, pkt. 10c.

Henderson's Early Snowball.

CELERY.

Sow in finely raked ground in early spring, cover scarcely at all, water freely in dry weather, and shade from the burning sun until the plants are well up. After the plants are ready to transplant, draw out shallow furrows two to three inches deep, with a hoe, and plant in these furrows in either single or double rows, placing the plants about six inches apart in the rows. The rows should be from four to six feet apart, according to the variety. Cultivate well, and keep free from weeds until ready to earth up. This should not be done until the plants are well grown, as it checks their growth very materially. Water freely in dry weather.

Early Arlington.

Early Arlington.—An improvement on the Boston Market, being three to four weeks earlier and of a larger growth. It is a vigorous grower and branches easily and quickly, and is of a fine, nutty flavor. One of the best varieties for market or family use. Do not fail to give this variety a trial; it will please you. Per $\frac{1}{4}$ lb 60c, oz. 20c, pkt. 5c.

Golden Self-Blanching.—This is the most popular variety grown. It is noted for its close habit, compact growth, and its straight, vigorous stalk, giving it a

Golden Self-Blanching.

Giant Golden Heart.

handsome appearance. The heart is very large and solid, and of a beautiful golden yellow in color. The ribs are perfectly solid, crisp, brittle, and of delicate flavor, while it has the decided merit of being self-blanching to a remarkable degree. It is grown almost exclusively by our market gardeners, and certainly is the most desirable Celery grown for market. Per lb \$3.50, $\frac{1}{4}$ lb \$1.00, oz. 30c, pkt. 5c.

Giant Golden Heart.—This variety was originally introduced by a Chicago market gardener, who produced it from selections of the well known Golden Heart. The quality is fully equal to the original

variety, and in habit of growth is much taller. The stalks are very thick, perfectly solid and of excellent flavor. One of its best qualities, and for which we highly recommend it, is its excellent keeping habit. All celery growers should give this excellent variety a trial. Per lb. \$2.00, $\frac{1}{4}$ lb. 60c, ounce 20c, pkt. 5c.

Evans' New Triumph.—For solidity, crispness, and fine nutty flavor it has no equal in the market. It is brittle, good size, and creamy white in color. Its most valuable recommendation, however, is its remarkable keeping qualities; it can be kept in the spring as late as April and May. Another fact—it is the most economical; every stalk can be eaten, even to the outside parts. It has been "sampled" at many notable public and private dinners and pronounced by connoisseurs and chefs to be the finest celery they had ever used. Per lb. \$6.00, $\frac{1}{4}$ lb. \$1.75, ounce 50c, pkt. 15c.

Giant Pascal.

Giant Pascal.—This is the best keeper of all the celeries, and is the celery for late winter and spring use. It is most excellent for shipping, and does not rust or rot. The stalks are large, thick, solid, and entirely stringless, and when fully grown the outer stalks average two inches wide and very thick through. Always crisp and brittle. Per lb. \$2.00, $\frac{1}{4}$ lb. 60c, ounce 20c, pkt. 5c.

White Plume.—This variety is valued because the heart and the inside ribs and leaves are naturally white. The whiteness does not show, however, until the plants are nearly half grown. By simply tying up the stalks and drawing soil enough to the plants to hold them together, the work of blanching is complete. Per lb. \$2.00, $\frac{1}{4}$ lb. 60c, oz. 20c, pkt. 5c.

Kalamazoo.—The most perfect type of dwarf white Celery known. Ideal size, perfect shape, straight, closely set, solid, neat, and very showy. It is a splendid keeper, highly desirable and profitable. It is of a beautiful creamy white in color, of quick growth and close habit. It is an especially valuable variety for market. Per lb. \$2.00, $\frac{1}{4}$ lb. 60c, oz. 20c, pkt. 5c.

Crawford's Half Dwarf.—Largely grown in the vicinity of New York. When blanched the heart is of a yellowish white, giving it a very handsome appearance. It possesses that fine nutty flavor peculiar to the dwarf varieties. Per lb. \$2.00, $\frac{1}{4}$ lb. 60c, ounce 20c, pkt. 5c.

New Rose.—The pink or red varieties of celery are of excellent flavor, far superior to the white, and in England nine-tenths of the demand is for this variety. The demand is also increasing yearly in this country, as the people begin to understand that they are better than the white. Per lb. \$2.00, $\frac{1}{4}$ lb. 60c, ounce 20c, pkt. 5c.

Incomparable Dwarf Crimson.—The red varieties are yearly becoming more popular, because they keep better through the winter, and are generally of superior flavor. This is a dwarf sort of deep, rich color, very crisp and of the highest flavor. We have found none of the so-called new sorts of red celery, such as New Rose, etc., that were equal to our strain of this most excellent variety. Per lb. \$2.00, $\frac{1}{4}$ lb. 60c, ounce 20c, pkt. 5c.

CELERIAC.

Apple Shaped.—A fine, large, solid-rooted variety of excellent flavor. Per $\frac{1}{4}$ lb. 65c, ounce 20c, pkt. 5c.

Giant Smooth Prague.—This is an improved form of a turnip-rooted celery, with very short tops, producing the largest and smoothest roots that we have

Giant Smooth Prague.

ever seen. It is becoming the standard market sort everywhere, as the handsome smooth appearance of the roots sells it very readily. We consider it the best celeriac for market or home use grown. Per $\frac{1}{4}$ lb. \$1.00, ounce 25c, pkt. 5c.

SWEET CORN.

When Corn is ordered to be sent by mail, 10c. per quart and 5c. per pint must be added to the prices here given.

Early Cory.—One of the earliest Sweet Corns. Ears about six inches long, generally two or three ears to a stalk. First ears are generally fit for use in 45 days after planting. It is one of the best early varieties for market. Bushel \$3.00, peck 80c, qt. 15c, pt. 10c, pkt. 5c.

Early White Cory.—A selection of the Cory, of the same character in all respects, except that it has white cob and kernels. Very early and a good variety. Per bushel \$3.00, pk. 80c, qt. 15c, pt. 10c, pkt. 5c.

Extra Early Adams.

—The hardiest and earliest variety for table use. It can be planted earlier than any other, but is not a sweet corn. White, indented grains and small ear. The most popular variety for early market. Per bushel \$3.00, peck 80c, qt. 15c, pt. 10c, pkt. 5c.

Early Minnesota.

—An old standard very early variety, desirable alike in the market or family garden. Height not over 4½ feet, ears of fair size and good quality. Per bushel, \$3.00, peck 80c, qt. 15c, pt. 10c, pkt. 5c.

Moore's Early Concord.

—Produces its large handsome, fourteen-rowed ears very low on the stalk. Comes into use after the Early Minnesota. The quality is faultless. A fine intermediate variety. Per bushel \$3.00, peck 80c, qt. 15c, pt. 10c, pkt. 5c.

Shakers' Early.—Large, pearly white kernels, of delicious flavor. It matures immediately after Early Minnesota, but the ears are much larger. One of the very best market sorts. Bushel \$3.00, peck 80c, qt. 15c, pt. 10c, pkt. 5c.

Burlington Hybrid.—This variety is a cross between the Extra Early Adams and the Early Mammoth. Its value consists in the fact that it is as early as the Extra Early Adams, but has an ear as large as Stowell's Evergreen and is more productive. It is really not a Sweet Corn, yet the blades, husk, and ear, in a green state, exactly resemble the sugar varieties. It is of the best quality, and can not be distinguished from the Sweet varieties. The ears begin to set low down, and it usually has three and four ears on a stalk. Bushel \$3.50, peck \$1.00, qt. 15c, pt. 10c, pkt. 5c.

Clark's None Such.—A Sugar Corn certain to please the most exacting customer. It is medium early, wonderfully productive, and of the finest quality. Comes

in use right after Moore's Concord, with larger ears. It is very sweet and tender. No lover of delicious, meaty Corn should do without this. Bushel \$3.00, pk. 80c, qt. 15c, pt. 10c, pkt. 5c.

Ritter's Sugar.—This is, without question, the best Sugar Corn in existence. It is fully ten days earlier than the Stowell's Evergreen, and about the same size; is very rich and sweet in quality, and one of the showiest varieties grown, the ears filling out well to the point. It always bears two ears to the stalk and often three. We sell more of this variety

to our Corn growers here than of other variety, and have never had enough to supply the demand, so popular has it become where it is known. Bushel \$3.50, peck \$1.00, qt. 15c, pt. 10c, pkt. 5c.

Black Mexican.—A variety especially rich in saccharine or sugar qualities. The grain, though black when dry, is simply of a smoky hue when in edible condition. Per bu. \$4, pk. \$1.15, qt. 20c, pt. 10c, pkt. 5c.

Stowell's Evergreen.—The standard market variety everywhere, having the peculiarity of remaining in a green state longer than any other variety. Bushel \$3.00, peck 80c, qt. 15c, pt. 10c, pkt. 5c.

Egyptian.—A very large late variety of the best quality. The flavor is peculiarly rich and sweet. It is one of the most popular varieties for both canning and selling in the green state. Bushel \$3.00, peck 80c, qt. 15c, pt. 10c, pkt. 5c.

Ford's Early.—A most desirable early variety—about as early as Moore's Concord. A good yielder, and of the best quality. Bushel \$3.00, peck 80c, qt. 15c, pt. 10c, pkt. 5c.

Perry's Hybrid.—An early twelve-rowed variety growing only four or five feet high, with ears set very low on the stalk. Kernels white, large, sweet and tender. Bushel \$3.00, peck 80c, qt. 15c, pt. 10c, pkt. 5c.

Egyptian.

Country Gentleman.—The Country Gentleman is the finest sweet corn for private use. The ears are of good size and are produced in great abundance, our grower last year sending in a number of stalks bearing four good ears, while the average of the crop was three ears to a stalk. When we consider that ordinary sweet corn produces only one or two good ears to a stalk, the superiority of this variety will be quickly seen. The cob is very small giving great depth to the kernels, which are of pearly whiteness. But the great merit of the Country Gentleman Corn is its delicious quality. Per bushel \$4.00, pk. \$1.15, qt. 20c, pt. 10c, pkt. 5c.

New Ruby.—It is entirely distinct from other varieties by reason of the stalks and husks, which are of a very handsome dark red color, giving it an odd and beautiful appearance in growth. The stalks grow from six to seven feet high, and bear from two to three good ears. The ears are of large size, completely filled with large, pure-white grains, closely packed on the red cob. The corn is of the most delicious flavor, and so extremely sweet that it is most palatable, even to eat raw in the field. It matures a little earlier than the Stowell's Evergreen. Per bushel \$4.00, pk. \$1.15, qt. 20c, pkt. 5c.

Late Mammoth.—A late variety producing ears of very large size and rich flavor. It is unusually productive, the best late variety for market or family use. Per bushel \$3.00, pk. 80c, qt. 15c, pt. 10c, pkt. 5c.

CUCUMBERS.

Cucumbers succeed best in warm, rich, sandy soil, and should not be planted in the open air until there is a prospect of settled warm weather. Plant in hills about four feet apart each way, and when all danger from insects is past thin out to two or three of the strongest plants to a hill. The fruit should be gathered when large enough, whether required for use or not, as if left on the vines it will destroy their productiveness. Sow plenty of seed, as it is best to have plenty of plants. For late pickles, plant the middle of summer, and cultivate the same as early crop.

Use Slug Shot for the Bugs.

Early Netted Russian.—A handsomely netted variety. Very prolific; fine for pickles. Per lb. 75c, $\frac{1}{2}$ lb. 20c, ounce 10c, pkt. 5c.

Short Green Prolific.—One of the best pickling sorts, medium in size, very uniform, hardly ever yielding cucumbers too large for pickles. Per lb. 70c, $\frac{1}{2}$ lb. 20c, ounce 10c, pkt. 5c.

Jersey Pickle.—One of the best sorts for pickles. Very productive, and grown more largely for pickles than any other variety. Per lb. 60c, $\frac{1}{2}$ lb. 20c, ounce 10c, pkt. 5c.

Early Frame.—A very handsome small-growing variety, rarely exceeding five inches in length. Makes excellent pickles. Per lb. 70c, $\frac{1}{2}$ lb. 20c, ounce 10c, pkt. 5c.

Early Cluster.—An excellent early sort, growing in clusters, and very productive. Per lb. 70c, $\frac{1}{2}$ lb. 20c, ounce 10c, pkt. 5c.

Peerless White Spine.—A favorite market variety, largely used for forcing, and exclusively grown in the South for shipping to northern markets. Per lb. 70c, $\frac{1}{2}$ lb. 20c, ounce 10c, pkt. 5c.

Extra Long White Spine.—Grows from ten to twelve inches long, and when about five inches long makes good pickles, also well adapted for early forcing and slicing. Per lb. 70c, $\frac{1}{2}$ lb. 20c, oz. 10c, pkt. 5c.

Evergreen White Spine.—This new variety grows extra long, is of handsome smooth shape, early and prolific. It differs from other strains of White Spine in the fact of always remaining of deep green color. Per lb 70c, $\frac{1}{2}$ lb 20c, oz. 10c, pkt. 5c.

Early Frame.

Early Cluster.

Ritter's Improved White Spine.—A very fine strain of this well known forcing variety, which we grow and select especially for a critical market gardeners' trade, and we think it is as near perfect as it is possible by careful selection to make it. Per lb \$1.25, $\frac{1}{4}$ lb 35c, oz. 15c, pkt. 10c.

Talby's Hybrid.—Mr. Talby made this choice new variety by his skill and perseverance in crossing the Early White Spine on one of the largest of the English frame varieties. In Talby's we have a perfect success in hardiness, as it proves to be equally hardy with our American varieties. In size it is larger than the White Spine, while it retains all the smoother beauty of its English parentage. Per lb 90c, $\frac{1}{4}$ lb 30c, oz. 10c, pkt. 5c.

Ritter's Improved White Spine.

New Everbearing.—Small size, very early, and enormously productive, and valuable as a green pickler. Per lb 75c, $\frac{1}{4}$ lb 20c, oz. 10c, pkt. 5c.

West India Gherkin.—This is a distinct species; small, nearly round, covered with spines or burs, and used exclusively for pickles. Per lb \$1.50, $\frac{1}{4}$ lb 40c, oz. 15c, pkt. 5c.

Improved Long Green.

Improved Long Green.—About twelve inches long, firm and crisp, with very few seeds. The young fruit makes one of the best pickles. Per lb 70c, $\frac{1}{4}$ lb 20c, oz. 10c, pkt. 5c.

Japanese Climbing.—This new Cucumber is a strong and vigorous grower, the vines attaining nearly twice the length of common vines. The young plants are bushy, but as soon as they become well established they begin to climb, and may be grown on fences, poles, or trellis. The fruit is ten to twelve inches in length, of fine green color; the flesh is thick and firm, never bitter, and fine for pickling or slicing. Per $\frac{1}{4}$ lb 50c, oz. 15c, pkt. 5c.

Westerfield's Chicago Pickle.—One of the best sorts for pickles. The fruit is of medium size, pointed at both ends, with large and prominent spines; color deep green. A most prolific variety. Per lb 70c, $\frac{1}{4}$ lb 20c, oz. 10c, pkt. 5c.

Nichol's Medium Green.—Of perfect shape, always smooth and straight, and of a most beautiful green color. In size it is between the White Spine and Long Green. It has no equal as a pickling sort, and for early forcing or for slicing there is no better variety. Per lb 70c, $\frac{1}{4}$ lb 20c, oz. 10c, pkt. 5c.

Nichols' Medium Green.

Japanese Climbing.

EGG PLANT.

New York Improved.—A leading market variety. Plant robust, the leaves and stems very thickly set with spines. Per lb \$4.50, $\frac{1}{4}$ lb \$1.25, oz. 40c, pkt. 5c.

Long Island Thornless.

Long Island Thornless.—This variety is vastly superior to the old New York Improved in every respect. The habit of the plant is low and branching, and it is quite free from spines, both on the plant and calyx of the egg. The eggs are of the largest size and perfect in form, and from eight to ten are produced on a plant. It is also very early, maturing at least two weeks ahead of the old variety. Per lb \$5.00, $\frac{1}{4}$ lb \$1.40, oz. 40c, pkt. 10c.

ENDIVE.

One of the best salads for winter use. For an early supply sow in April, for late in July or August, in shallow drills. Keep moist, and shade from the burning sun until the plants are well up. When large enough, transplant to one foot apart each way. For blanching, gather up the leaves and tie them by their tips in a conical shape. The inner leaves thus in a week or two become perfectly blanched, when it is fit for use.

White Curled.—The leaves of this variety are pale green, and require very little blanching. Per lb \$2.00, $\frac{1}{4}$ lb 60c, oz. 20c, pkt. 5c.

Green Curled.—Very fine variety. Its large leaves being beautifully colored and delicately cut, are used much for garnishing. It is also excellent when used as a salad. Per lb \$2.00, $\frac{1}{4}$ lb 60c, oz. 20c, pkt. 5c.

Batavian Broad-Leaved.—One of the best varieties for salads. The leaves are broad and thick, and very tender when blanched. Per lb \$2.00, $\frac{1}{4}$ lb 60c, oz. 20c, pkt. 5c.

Moss Curled.—Tender, of very fine quality. The leaves are very finely cut and curled, making it very ornamental and fine for garnishing. Per lb \$2.00, $\frac{1}{4}$ lb 60c, oz. 20c, pkt. 5c.

KOHLRABI.

A vegetable intermediate between the turnip and cabbage. When Young and tender they are fine for table use. They are best cultivated by sowing the seed in April, and thinning out to eight inches between the plants. May also be sown in the hotbed in February, and treated same as early cabbage.

White Vienna.—The bulb of this variety is light green in color, of rapid growth, and tender. Per lb. \$2.50, $\frac{1}{4}$ lb. 75c, ounce 20c, pkt. 5c.

Purple Vienna.—Very similar to the white, except in color, which is a bluish purple. Per lb. \$2.50, $\frac{1}{4}$ lb. 75c, ounce 20c, pkt. 5c.

White Vienna.

KALE--BORECOLE.

Tall Scotch.

Dwarf Curled German.—These varieties of the cabbage family are commonly known as German greens, or kale. They are more hardy than the cabbage, and are excellent greens for winter or spring use. Sow in August or September, either in drills or broadcast, and treat same as winter spinach. Per lb. 75c, $\frac{1}{4}$ lb. 20c, ounce 10c, pkt. 5c.

Tall Curled Scotch.—A favorite with market gardeners, spreading under good cultivation to three feet in diameter. Sow in seed beds in April or May, and when large enough transplant and treat same as late cabbage. Per lb. 75c, $\frac{1}{4}$ lb. 20c, ounce 10c, pkt. 5c.

MARTINIA.

The seed pods of this vegetable are used to a considerable extent for pickling, when gathered green and young. Sow the seed in the open ground in May, and transplant to two feet apart. Per $\frac{1}{4}$ lb. 75c, ounce 20c, pkt. 5c.

LEEK.

Soil for leek should be rich, but not freshly manured. Sow early in April in drills, and when six inches high transplant in deep rich soil in rows twelve inches apart as deep as possible so that the necks, being covered, may be blanched. They are very hardy and easily cultivated.

Broad London Flag.—A large variety with broad leaves, very hardy, of good quality, and used largely for soups. Per lb. \$1.00, $\frac{1}{4}$ lb. 30c, ounce 10c, pkt. 5c.

Large Musselburgh.—Enormous size, leaves very large and broad, of mild and pleasant flavor. Per lb. \$1.00, $\frac{1}{4}$ lb 30c, ounce 10c, pkt. 5c.

London Flag.

HERBS:**SWEET, POT AND MEDICINAL.**

	pkt.	oz.		pkt.	oz.
Anise	.5	10	Lavender	5	15
Balm	5		Sage	.5	15
Borage	.5	10	Summer Savory ..	.5	10
Caraway	.5	10	Sweet Basil	.5	15
Coriander	.5	10	Sweet Majoram ..	.5	15
Dill	.5	10	Thyme	.5	30
Fennel	.5	$\frac{1}{2}$, 15	Wormwood	4	20

LETTUCE.

No vegetable is so well known or so generally grown. Sow at intervals throughout the summer.

Tennis Ball.

Golden Ball.

Silver Ball.

Black Seeded Simpson.—A most desirable variety, and a great favorite for forcing. It does not make a solid head, but a compact mass of curled leaves, which are of a light green. It is a very rapid grower, and for forcing under glass it has no equal. Per lb. \$1.00, $\frac{1}{4}$ lb. 30c, ounce 10c, pkt. 5c.

Oak Leaf.—A distinct variety, with leaves like those of the oak. The heads are compact, crisp, and tender, and entirely free from that bitter taste peculiar to many sorts. Per lb. \$1.25, $\frac{1}{4}$ lb. 40c, ounce 15c, pkt. 5c.

Denver Market.—An early variety of head lettuce, either for forcing or the open ground. It forms large, solid heads of a light green color. The leaves are marked and crinkled like savoy cabbage, and is very crisp and tender. Per lb. \$1.00, $\frac{1}{4}$ lb. 30c, ounce 10c, pkt. 5c.

Silver Ball.—This beautiful variety is particularly desirable for spring and summer use. Heads fine, compact, and solid, of exquisite flavor, and of a silvery white color. It is early, and stands a long time before running to seed. A grand market variety. Per lb. \$1.00 $\frac{1}{4}$ lb. 30c, ounce 10c, pkt. 5c.

Golden Ball.—Undoubtedly the handsomest and best head lettuce grown. It is of the best quality, and forms large, solid heads of a beautiful golden yellow in color, something entirely new in this variety of lettuce. It is equally good for forcing under glass and outdoor culture. Per lb. \$1.50, $\frac{1}{4}$ lb. 40c, ounce 15c, pkt. 5.

Hanson.

Hanson.—One of the best, heads very large, solid, tender, crisp, and of fine flavor. It stands the hot sun and drought better than most varieties. It is of a beautiful green outside, and white within, and free from any bitter or unpleasant taste. Per lb. \$1.00, $\frac{1}{4}$ lb. 30c, ounce 10c, pkt. 5c.

Prize Head.—A very popular variety; forms a mammoth plant, in which even the outer leaves are crisp and tender, and remaining so throughout the season. Its flavor is very fine. It is slow to run to seed, and is very hardy. Per lb. \$1.00, $\frac{1}{4}$ lb. 30c, ounce 10c, pkt. 5c.

Curled Simpson.—An improved variety of the Curled Selisian, with large, loose heads and excellent flavor. Per lb. \$1.00, $\frac{1}{4}$ lb. 30c, ounce 10c, pkt. 5c.

Grand Rapids.—This grand forcing lettuce is the result of fifteen years' selection from Black Seeded Simpson by a practical lettuce grower. It stands more neglect in the way of watering and ventilation, will grow more weight on the same ground, and will stand up longer after matured, than the Simpson. It is also more beautiful in appearance. A strong grower, very tender and crisp. Per lb. \$1.00 $\frac{1}{4}$ lb. 30c, ounce 10c, pkt. 5c.

Salamander.—The best lettuce for summer use, forming good sized, compact heads. Color light green outside and white inside. Its great merit, however, is that it will remain longer in head, and stand a greater amount of heat without burning or running to seed than any other variety. These desirable qualities have been thoroughly proven, and recommend it especially for southern growers. Per lb. \$1.00, $\frac{1}{4}$ lb. 30c, ounce 10c, pkt. 5c.

Tilton's New White Star.

Tilton's New White Star.—A white seeded lettuce destined to become a universal favorite for forcing or planting outdoors, on account of its enormously large, loose heads, bright color, crispness, and long-keeping qualities. It is distinct from Black Seeded Simpson, and we think an improvement on that sort. It is an enormous yielder, and remains a very long time in condition for use. Per lb. \$1.50, $\frac{1}{4}$ lb. 50c, ounce 15c, pkt. 5c.

Tennis Ball (Black Seeded).—A great forcing variety, forming a hard head. Largely used for forcing in hotbeds and green-houses. Per lb. \$1.00, $\frac{1}{4}$ lb. 30c, ounce 10c, pkt. 5c.

Brown Dutch.—An old, well known half-heading variety, noted for its hardiness. Leaves large, thick, green, tinged with brown; sweet, tender and well flavored. Per lb. \$1.00, $\frac{1}{4}$ lb. 30c, ounce 10c, pkt. 5c.

Blonde Blockhead.—Prominent among the newer sorts as one of the best and handsomest. The heads are roundish oblong, golden yellow, crisp, tender, and delicious. The plants stand summer heat long without seeding, and keep well in market without wilting. Per lb. \$1.00, $\frac{1}{4}$ lb. 30c, ounce 10c, pkt. 5c.

All The Year Round.—So named because it may be grown with equal success at any season of the year. The heads are of medium size, very firm, close, crisp and very good. Per lb. \$1.00, $\frac{1}{4}$ lb. 30c, ounce 10c, pkt. 5c.

Tomhannock.—The leaves of this variety grow upright, the upper part of the leaves turning outward very gracefully, and are handsomely wrinkled. The edges of the outer leaves are of a glossy reddish bronze, very ornamental and fresh in appearance; within, the leaves are almost white, very crisp and tender. It grows quickly, is ready to cut early, and

remains for weeks, of the finest quality, being slow to run to seed. Per lb. \$1.00, $\frac{1}{4}$ lb. 30c, ounce 10c, pkt. 5c.

The "Deacon" Cabbage Lettuce.—This is the best of all the varieties of cabbage lettuce. A vigorous grower, hardy, early, of the highest quality, tender and crisp, and of fine flavor; sure to please. It stands our hottest sun, is not bitter, and will last longer in edible condition than any other lettuce. Per lb. \$1.00, $\frac{1}{4}$ lb. 30c, ounce 10c, pkt. 5c.

California Cream Butter.—It forms round, solid heads of good size, compact, very hard and solid. It is medium early and one of the very best summer varieties of head lettuce we have ever seen. The heads are so solid that generally they have to be cut before any seed stalk can make its appearance. Per lb. \$1.00, $\frac{1}{4}$ lb. 30c, ounce 10c, pkt. 5c.

White Cos.—Self-folding. A new and distinct Cos Lettuce, which does not need tying up. The leaves are yellowish white in color, long, narrow, upright, folding into a solid head like that of an Early York cabbage. Per lb. \$1.50, $\frac{1}{4}$ lb. 40c, ounce 15c, pkt. 5c.

MUSK MELONS.

In preparing the hills for Melons, fork in plenty of well-rotted manure, and about the middle of May, in this latitude, when the ground is warm and the weather settled, plant in each hill eight to ten seeds, and cover half an inch deep. After all danger from bugs is past, pull out all but two or three of the strongest plants. As soon as the vines have run sufficiently and have spread their branches, stop them by pinching the top of the first runner bud. This will strengthen the plants and promote their perfecting fruit early. The ground should be kept free from weeds and well cultivated.

Use Slug Shot for the Melon Bugs.

Extra Early Hackensack.

Netted Gem.—Globe-shaped, small; skin finely netted. In quality unusually sweet and melting. Per lb 80c, $\frac{1}{4}$ lb 25c, ounce 10c, pkt. 5c.

Extra Early Hackensack.—This new early Melon is a selection or improvement almost equal in size to the old Hackensack, and at least ten days earlier. Several years trial has proven it to be the best as well as the earliest of all the netted melons. Per lb 70c, $\frac{1}{4}$ lb 20c, ounce 10c, pkt. 5c.

Hackensack.—A standard market variety; deeply netted, very large, and extremely productive; a splendid shipper and a fine keeper. Flesh green, thick, and of fine flavor. It is one of the best and most profitable melons to grow for market. Per lb 60c, $\frac{1}{4}$ lb 20c, ounce 5c, pkt. 5c.

Miller's Cream, or Princess.—A most delicious melon. The flesh is rich salmon color, very thick, sweet and rich; the seed cavity is very small, the rinds thin and finely netted. The melons being nearly solid, remain in condition without loosening their seeds in the seed cavity, as many melons do. Per lb 70c, $\frac{1}{4}$ lb 20c, ounce 10c, pkt. 5c.

Bay View.—An early, vigorous-growing, and productive variety, desirable for market; shape oblong. Per lb. 60c, $\frac{1}{4}$ lb. 20c, ounce 10c, pkt 5c.

Montreal Market.—An excellent variety, of the largest size; in shape almost round, flattened at the ends; deeply ribbed; skin green and thickly netted; flesh green and thick. Per lb 70c, $\frac{1}{4}$ lb 20c, ounce 10c, pkt. 5c.

The Banquet.—This superb new melon has been on the market but a short time, but has already become very popular. It is of medium size, flattened at the ends, and is more beautifully netted than any other variety. In quality it has no equal; the flesh is uniformly deep, and of that granulated character that always indicates a good melon. The color is a dark, rich salmon. If you want to raise the best melons, plant "The Banquet." Per lb \$1.00, $\frac{1}{4}$ lb 30c, ounce 10c, pkt. 5c.

Bird Canteloupe.—This is a green-fleshed variety of very fine quality. It has very thick flesh and is a good keeper. It is a cross between the Montreal Market and Bay View, and surpasses both of these varieties in size. Per lb 70c, $\frac{1}{4}$ lb 20c, oz. 10c, pkt. 5c.

Champion Market.

Champion Market.—As shown in the illustration, the melons are almost a perfect globe in shape, and densely netted, making one of the handsomest canteloupes known. The melons are very uniform in size and shape, ranging from four to six pounds each. The flesh is thick, light green in color, and of rich, sweet flavor. They are of the same form and appearance as the Netted Gem, but of about three times the size. Very productive, frequently bearing seven perfect melons on one vine. Per lb 70c, $\frac{1}{4}$ lb 20c, ounce 10c, pkt. 5c.

Early Cape May.—A very early and large, round canteloupe of the nutmeg form. Quality most excellent, and exceedingly productive; fruit deeply ribbed and heavily netted; flesh deep green, tender, juicy, and very sweet. Produces well on the lighter soils, and is a most profitable sort for the market gardener. Per lb \$1.00, $\frac{1}{4}$ lb 30c, ounce 10c, pkt. 5c.

Chicago Market.—One of the best market melons grown. It has been very carefully selected for the following points: Earliness of maturity, large and uniform size, thickly netted skin, small seed cavity, deep green flesh, juicy and delicious flavor, and freedom from rot. We recommend it to all lovers of this fine fruit. Per lb 80c, $\frac{1}{4}$ lb 20c, ounce 10c, pkt. 5c.

Bay View.—An early, vigorous-growing and productive variety, desirable for market, shape oblong. Per lb. 60c, $\frac{1}{4}$ lb. 20c, ounce 10c, pkt. 5c.

Baltimore Market.—Flesh green, very thick and remarkably sweet and juicy. A fine shipper and a prominent hotel and restaurant melon for the leading markets. Per lb. 60c, $\frac{1}{4}$ lb. 20c, ounce 10c, pkt. 5c.

Delmonico.

Delmonico.—A musk melon of large size, oval in shape and very deeply netted; the flesh is orange pink in color, very sweet and juicy. The vines are hardy and thrifty in growth and very prolific. This variety is a great favorite where it has been tried. Per lb. 70c, $\frac{1}{4}$ lb. 20c, ounce 10c, pkt. 5c.

Winter Pineapple.—These muskmelons represent a class that is likely to prove of much value. The color of the flesh is a delicate lemon yellow, and the outer skin is dark green, marked with yellow. The quality is spicy and delicious. They rarely ripen on the vine, so the melons must be picked off in the fall and put in some cool place where there is no danger from freezing, until they are wanted for use. By placing them in a warm room three or four days before using, they will ripen up. Thoroughly handled in this way they can be had for use all winter. Per lb. \$1.50, $\frac{1}{4}$ lb. 50c, ounce 15c, pkt. 5c.

Winter Pineapple.

MUSHROOMS.

The mushroom is an edible fungus of a white color, changing to brown when old. The gills are loose, of a pinkish red color, changing to liver color. It produces no seed, but instead a white fibrous substance in broken threads, called spawn, which is preserved in horse manure, being pressed in the form of bricks. Thus prepared it will retain its vitality for years.

CULTURE.—Mushrooms can be grown in the cellar, in sheds, or in hotbeds in the open air. Fermenting horse manure at a temperature of about 70 degrees is made into beds the size required, 18 inches deep. In this bed plant broken pieces of the spawn, six inches apart, covering the whole with two inches of light soil and protect from cold and severe rains. The mushrooms will appear in about six weeks. Water sparingly with luke warm water. Best English spawn per lb. 15c, 4 lbs. 50c. Add 8 cents per lb. if to go by mail. Pamphlet on mushroom culture, price 10c.

Mushrooms.

WATERMELONS

The watermelon should be cultivated in the same manner as given in the directions for muskmelons, except that the hills should be double the distance apart. A vigorous start for the young vines is necessary, and for this is needed a hill of rich earth, similar to that of cucumbers. The finest melons are produced on light, sandy soils.

Phinney's Early.—A very early medium sized sort. Flesh red, quality excellent, hardy and prolific. One of the best for northern climate. Per lb. 65c, $\frac{1}{4}$ lb. 20c, ounce 10c, pkt. 5c.

Ferry's Peerless.—Of medium size, thin rind, light green, flesh scarlet, solid to the center, and sweet. Per lb. 65c, $\frac{1}{4}$ lb. 20c, ounce 10c, pkt. 5c.

Dixie.—A new and desirable variety. It is a cross between the Kolb's Gem and Mountain Sweet, has the tough rind and long-keeping qualities of the former combined with the great productiveness, high flavor and freedom from stringiness of the latter, and has already become a leading market sort. Vines vigorous, large-growing and hardy. Fruits medium size to very large, and about one-third longer than thick. Color of rind dark green, beautifully striped. The flesh is of bright scarlet, and of fine quality almost down to the rind. Per lb. 70c, $\frac{1}{4}$ lb. 20c, ounce 10c, pkt. 5c.

Seminole.—One of the most popular sorts grown. It is extra early, enormously productive, very large, and of splendid flavor. The seed will often produce gray and green melons on one vine, but the former predominates. It is undoubtedly one of the finest melons yet introduced. Per lb. 70c, $\frac{1}{4}$ lb. 20c, ounce 10c, pkt. 5c.

Kolb's Gem.—An early variety that is grown largely for market. It is of large size, bright red flesh, of fine quality and an excellent shipper. Per lb. 70c, $\frac{1}{4}$ lb. 20c, ounce 10c, pkt. 5c.

Mountain Sweet.—Oblong, quite early, solid and large; rind thin, dark green, flesh deep scarlet. An

old favorite for home or market gardens. Per lb. 65c, $\frac{1}{4}$ lb. 20c, ounce 10c, pkt. 5c.

Black Spanish.—Grows to a large size, almost perfectly round; skin dark green, almost black; red and very sweet. A good standard market variety. Per lb. 60c, $\frac{1}{4}$ lb. 20c, ounce 10c, pkt. 5c.

Mammoth Ironclad.—The melon grows to a very large size, often weighing eighty pounds or over. Shape oblong, mottled green; flesh bright red, crisp and delicious. A good keeper and shipper. Per lb. 70c, $\frac{1}{4}$ lb. 20c, ounce 10c, pkt. 5c.

Pride of Georgia.—The melons are perfectly round in shape, striped light and dark green, uniformly of fair size. The flesh is bright red and very sweet. Per lb. 70c, $\frac{1}{4}$ lb. 30c, ounce 10c, pkt. 5c.

Kentucky Wonder.—One of the finest flavored melons, and one of the best for the market and home garden. Oblong in shape, skin dark green, marbled in stripes of light green; flesh a sugary flavor, always firm, very solid, never mealy, and of a bright scarlet color. They grow to weigh eighty pounds—forty to sixty is common. It is an extra good melon for shipping, being much superior to Kolb's Gem. Per lb. 70c, $\frac{1}{4}$ lb. 20c, ounce 10c, pkt. 5c.

Ice Cream.—The best melon for home markets. It has too thin a rind for shipping. Fruit oblong, large size, rind large mottled green; flesh bright scarlet, solid to the center, melting and delicious. Per lb. 70c, $\frac{1}{4}$ lb. 20c, ounce 10c, pkt. 5c.

Preserving Citron.—A round, light and dark striped watermelon. Meat greenish white, used for preserving only. Seed small and red in color. Per lb. 80c, $\frac{1}{4}$ lb. 20c, ounce 10c, pkt. 5c.

AMERICAN GROWN ONION SEED.

There is no vegetable grown that the value of the crop depends so much on the quality of the seed as the onion. Seed of strong vitality and absolute purity, grown with proper care from fully developed and selected bulbs, is positively essential to insure a bountiful crop. Take no risk in buying onion seed. You cannot afford to do so. Cheap seed is dear at any price. Our seed is all American grown, and we take pride in the fine strain we offer. It will grow full-sized onions the first year from seed. To do this they must be sown as early as possible in the spring, no matter if the weather is cold. This gives them a good start ahead of the weeds, and before hot, dry weather sets in. Four to five pounds of seed are required to the acre for growing large onions, and fifty to sixty pounds to grow small sets.

The *New Way* of growing early onions as now largely practiced by market gardeners, is to sow the seed in hotbeds from February 15th to March 1st, in rows three inches apart; sow evenly and cover not over one inch deep. As soon as the ground is dry enough to work outside, it should be well prepared and the young plants set out two or three inches apart, in rows twelve inches apart; plant about the same depth as they were grown in the beds. By this method we not only obtain large onions three or four weeks earlier, but the increase of crops is from fifty to one hundred per cent. greater, as we are always certain to secure a perfect stand besides a large saving in seed and labor.

Write for Price on larger quantities than here quoted, naming the varieties wanted.

Yellow Strasburg or Dutch.—One of the oldest varieties. Bulbs quite flat, of good size, skin yellow, flesh white, of mild flavor. One of the best keepers. Largely used for growing sets. Per lb. \$1.50, $\frac{1}{4}$ lb. 40c, ounce 15c, pkt. 5c.

Yellow Flat Danvers. A good variety, but not as round as the Globe Danvers, and not quite as early. Very productive. Per lb. \$1.60, $\frac{1}{4}$ lb. 50c, ounce 15c, pkt. 5c.

Yellow Globe Danvers.—This fine onion is most extensively grown as main crop. It is of large size, an early and abundant cropper, very thick bulb, flat bottom, full oval top, with small neck and rich, brownish yellow skin. Our seed is from carefully selected stock and cannot be excelled. Per lb. \$1.60, $\frac{1}{4}$ lb. 50c, ounce 15c, pkt. 5c.

Southport Yellow Globe.—This variety is more perfectly globe shape than the Globe Danvers, but not so early. An excellent keeper. A popular variety in New England. It is of handsome appearance,

large size and a heavy cropper. Per lb. \$2.00, $\frac{1}{4}$ lb. 60c, ounce 20c, pkt. 5c.

Prize Taker.—The largest of all onions. It is an American improvement on the Spanish King, and is admittedly the largest of all varieties, having been grown to the enormous weight of six pounds. It is of a clear, bright straw color, and uniform, perfect globe shape, with a small neck, which ripens well up to the bulb without any stiff necks. Produces enormous crops, and always brings an extra price as a fancy onion. One of the best onions to grow by the new process as described above. Per lb. \$2.50, $\frac{1}{4}$ lb. 75c, ounce 25c, pkt. 10c.

Extra Early Red.—This variety matures unusually early, it yields abundantly, is of mild flavor and a good keeper; of medium size, deep red color, very close grained, solid and heavy. Per lb. \$2.00, $\frac{1}{4}$ lb. 60c, ounce 20c, pkt. 5c.

Large Red Wethersfield.—The most popular red onion for general crop. Large, fine form, skin deep

red, flesh white, strong in flavor, very productive and an excellent keeper. Per lb. \$2.00, $\frac{1}{4}$ lb. 60c, ounce 20c, pkt. 5c.

Large Red Globe.—This is a very handsome variety, and is deserving of general cultivation. It matures quite early (none of the perfectly globe shaped onions are as early as the flat varieties), grows to a large size, skin deep red, flesh fine-grained, mild and tender. Per lb. \$2.00, $\frac{1}{4}$ lb. 60c, ounce 20c, pkt. 5c.

New Mammoth Pompeii.—A fine Italian variety. It has produced onions weighing from four to five pounds. The skin is a delicate red, the flesh is close grained and nearly white, of very mild flavor and will attain a larger size than any other variety we know of except the Prize Taker. Per lb. \$2.00, $\frac{1}{4}$ lb. 60c, ounce 20c, pkt. 5c.

White Silverskin, or White Portugal.—Very desirable for family use. Flavor mild and pleasant, skin silvery white, of handsome appearance. Highly esteemed for pickling when young, also for market in early winter. This is the variety of which white onion sets are grown, and is known as "Philadelphia White." Per lb. \$3.50, $\frac{1}{4}$ lb. 90c, oz. 25c, pkt. 10c.

White Globe.—This variety yields abundantly, produces handsome globe-shaped bulbs. The flesh is firm, fine-grained, and of mild flavor. Keeps well, and is in many respects superior to the ordinary Silver Skin. Per lb. \$3.50, $\frac{1}{4}$ lb. \$1.00, oz. 30c, pkt. 10c.

White Queen. Small, very early, white skinned, mild flavor, excellent for pickling. Per lb. \$2.00, $\frac{1}{4}$ lb. 50c, oz. 20c, pkt. 5c.

Neapolitan Marzajola.—A beautiful, flat, white skinned variety; one of the very earliest. A fair keeper, and of very mild flavor. Per lb. \$2.00, $\frac{1}{4}$ lb. 60c, oz. 20c, pkt. 5c.

New Extra Early Barletta (Early Radish.) This distinct new variety is the very earliest onion in cultivation. It is fully two weeks earlier than the Early White Queen, which heretofore has been the earliest variety in cultivation. At maturity the tops die down directly to the bulb, leaving the neatest and most handsome little bulbs imaginable. They are of a pure paper-white color, very mild and delicate in flavor, from one inch to one inch and a half inches in diameter, and three-fourths of an inch in thickness. Per lb. \$2.50, $\frac{1}{4}$ lb. 65c, oz. 20c, pkt. 5c.

Mammoth Silver King.—The Mammoth Silver King grows to a most remarkable size. The bulbs are of attractive form, flattened, but thick through, as shown in the illustration. The average diameter of the onions is from 5 to 7 $\frac{1}{2}$ inches, thus making the circumference from 15 to 22 inches when well grown. The skin is a beautiful silvery white, and of a particular mild and pleasant flavor. So sweet and tender is the flesh that it can be eaten raw like an apple. It matures early, and is uniformly of large size and perfect form. Per lb. \$3.00, $\frac{1}{4}$ lb. 85c, oz. 25c, pkt. 10c.

White Victoria. (New.) This variety has the same good qualities as the red, and grows equally as large. The skin is silvery white, but occasionally of a delicate rose color. Flesh sweet, juicy and milky white. Per lb. \$3.00, $\frac{1}{4}$ lb. 80c, oz. 25c, pkt. 5c.

ONION SETS.

The market on Onion Sets fluctuates very much, especially in spring, hence we can not make a fixed price by the peck, bushel, or barrel, but will cheerfully quote lowest prices for any quantity on application.

BOTTOM ONION SETS are produced by sowing the seed very thickly, in the spring, in drills, and whenever the tops die down, the little bulbs are gathered and kept thinly in a dry, airy loft, or cool, dry cellar, and reset in the spring to make large onions.

Yellow Bottom Sets.—Qt. by mail 30c, pk. \$1.00, bu. \$3.00.

White Bottom Sets.—Qt. by mail 30c, pk. \$1.25, bu. \$4.00.

Top or Button Onions.—Are little, round bulbs growing on top of the stalks, and are planted early in the spring in rows twelve inches apart, and four inches apart in the rows, when they will produce large onions. If the large onions are planted again in the spring, they will produce a number of small bulbs on top of the stalks, which are again used for planting the following spring.

YELLOW TOP SETS, per qt. by mail 30c, pk. \$1.50, bu. \$5.00.

WHITE TOP SETS, per qt. by mail 30c, pk. \$1.50, bu. \$5.00.

Perennial Tree Onions.—These onions differ from all other onions in the fact that when once planted, without the slightest protection in winter, they will come up year after year as soon as the first frost leaves the ground, and grow so fast that they are ready for use several weeks before any other green onions are ready for market or home use. They will not be ready to send out before August. Qt. by mail 30c, pk. 75c, bu. \$2.00.

White Multiplier Onion Sets.—These, like shallots, grow in clumps and make fine pickling onions, or can be used in a green state, and are the best onions for bunching for early spring market.

White Multiplier Onion Sets.

They are silvery white, very productive, as many as twenty bulbs growing in a single cluster from a single bulb planted. Their keeping qualities are remarkable, having been kept perfectly sound for a year, but their most important quality is extreme earliness. Qt. by mail 35c, pk. \$1.50, bu. \$5.00.

Yellow Multiplier or Shallots.—A small sized onion which grows in clumps and used in its green state for soups, stews, etc. It is largely grown in the South. In the fall of the year the bulbs are divided and set out in rows a foot apart and four to six inches in the rows. They multiply very fast. Per qt. by mail 30c, pk. \$1.00, bu. \$3.00.

PEAS.

One quart will plant about 100 feet of drill; one and one-half bushels for one acre.

Peas mature earliest in a light, rich soil; for a general crop, a rich, deep loam, or inclining to clay, is the best. When grown for a market crop, sow in single rows, one inch apart and two to three inches deep, the rows from two to four feet apart, according to the variety. When grown in gardens, sow in double rows six to eight inches apart, the tall ones requiring brush. Commence sowing the extra early varieties as early as the ground can be worked in February or March; continuing for a succession every two weeks until June, then discontinuing until the middle of August, when a good crop may be secured by sowing the extra early and early sorts for fall use.

When Peas are ordered to be sent by mail, please add 15c per quart and 8c per pint to the prices here given, to pay postage.

Ritter's First in the Market.

Ritter's First in the Market.—*The earliest and most prolific pea in the world.* The pods are of a dark green color, full round shape, and of strong texture, which especially fits it for shipping long distances. On average ground it will not exceed twenty inches in height, and not over two feet on the richest soil. It is an even cropper, and can be gathered clean in two pickings. For a late fall crop it has few equals and no superior. The far northern point at which these peas are grown renders them almost proof against cold, while market gardeners pronounce this pea unequalled in earliness, productiveness and regularity of growth, and in every sense a perfect market pea. It is nevertheless equally well adapted to private gardens. Per bushel \$4.00, pk. \$1.25, qt. 20c, pt. 10c, pkt. 5c.

Tom Thumb.

the market gardeners' favorite for all seasons. Per bushel \$4.50, pk. \$1.25, qt. 20c, pt. 10c, pkt. 5c.

Extra Early Tom Thumb.—An early variety of remarkable low growth, seldom exceeding nine inches in height. Very productive; pods of good size and excellent quality. The best for the family garden. Per bushel \$5.00, peck \$1.25, qt. 20c, pt. 10c, pkt. 5c.

Landreth's Extra Early.—*The well known extra early variety.* This is a standard for earliness and quality. It is an even cropper and be gathered in two pickings. This is an important item when space is wanted for a second crop. It is

Cleveland's Alaska.—This new market pea has become a standard variety. It is very early, of very large size and immensely productive. The vines are very dwarf, growing only about twenty inches in height. Pods of fine shape and good quality. Per bushel \$4.00, pk. \$1.15, qt. 20c, pt. 10c, pkt. 5c.

Early Morning Star.—A most celebrated variety. Very early, and of much larger size than most extra early peas. Grows two feet high and ripens very uniformly. Very prolific and of excellent flavor. It possesses many good points, and is a very profitable variety for market gardeners and truckers. Per bushel \$4.50, pk. \$1.15, qt. 20c, pt. 10c, pkt. 5c.

Maud S.—This is a variety that will meet the wants of all who desire **Early Peas.** Pods of good size and excellent quality, very productive and remarkably early. A variety that is largely grown by truckers and market gardeners. For a fall crop it has few equals. Per bushel \$4.00, pk. \$1.15, ½ pk. 65c, qt. 20c, pt. 10c, pkt. 5c.

McLean's Little Gem.—A gem indeed. Dwarf green wrinkled variety, 12 to 14 inches high, prolific and of very superior flavor. Per bushel \$4.50, pk. \$1.25, qt. 25c, pt. 15c, pkt. 5c.

Extra Early Premium Gem.—A very fine dwarf pea of Little Gem type, on which it is a decided improvement—larger pods, more productive. Best and most profitable early wrinkled pea for market gardeners, and for family gardens there is none better. Per bushel \$4.50, pk. \$1.25, qt. 25c, pt. 15c, pkt. 5c.

American Wonder.—This variety *leads all dwarfs* in point of earliness, productiveness, flavor and quality, and is *the earliest* large green wrinkled pea in cultivation. It is of dwarf and robust habit, growing about ten inches high and produces a profusion of good sized and well filled pods, fairly packed in of the finest flavored peas. Ours is the true Bliss stock, and will please the most critical. Per bushel \$6.00, pk. \$1.75, qt. 25c, pt. 15c, pkt. 5c.

MEDIUM EARLY SORTS.

Abundance.—Plants half dwarf, 15 to 18 inches high, pods large size containing six to eight seeds of excellent quality. It ripens second early. Sow the seed much thinner than usual six inches apart being the proper distance, as it has a remarkable tendency to branch. Per bushel \$4.00, pk. \$1.15, qt. 20c, pt. 10c, pkt. 5c.

Everbearing.—A new variety, maturing soon after the Gem, and continuing a long time in bearing. Vine stout, about 18 inches high, bearing at the top six to ten broad pods. Peas wrinkled, large, cook quickly, and are very tender. Superior flavor, although they are not quite so sweet as some. Per bushel \$4.00, pk. \$1.15, qt. 20c, pt. 10c, pkt. 5c.

Horsford's Market Garden.—A wrinkled variety coming in between the Little Gem and the Advancer.

In habit of growth quite distinct, vines two feet high, and very even and regular. A most prolific bearer, outyielding all for height of vine. Pods medium size, numerous and well filled with peas of sweetest flavor. This variety is fast coming into general favor on account of its productiveness and general good qualities. Per bushel \$4.00, pk. \$1.15, qt. 20c, pt. 10c, pkt. 5c.

MEDIUM LATE SORTS.

Telephone.—In season about midway between the early varieties and White Marrowfat. Green, wrinkled, height three and one-half feet, productive, pods unusually large size, elegant shape, slightly curved, well filled with peas of large size, good quality. A great favorite with our local gardeners. Per bushel \$5.00, pk. \$1.40, qt. 25c, pt. 15c, pkt. 5c.

Stratagem.—Half-dwarf, green, wrinkled, two feet, vigorous branching habit, leaves unusually large, under favorable conditions an enormous cropper. Pods long, filled with from seven to nine peas of enormous size. The only fault this pea has is its tendency to sport somewhat, but we think our stock is as pure as any that is offered. Per bushel \$6.00, pk. \$1.75, qt. 25c, pt. 15c, pkt. 5c.

Pride of the Market.

Pride of the Market.—Vines medium height, stiff, bearing at the top generally in pairs a good crop of very large dark green pods filled with large peas of good flavor. This has become very popular on account of its handsome appearance. Per bushel \$5.50, pk. \$1.50, qt. 25c, pt. 15c, pkt. 5c.

Heroine.—A medium early, green wrinkled variety introduced two years ago, and is a valuable addition to our second early sorts. It grows very uniformly about two and one-half feet high, bearing a profusion of large, long, pointed pods, containing from eight to nine large peas of the finest quality. We recommend it with confidence to our customers, knowing full well it will give satisfaction in every particular. Per bushel \$6.00, pk. \$1.75, qt. 25c, pt. 15c, pkt. 5c.

LATE OR MAIN CROP PEAS.

Champion of England.—This yet, by general consent, is acknowledged to be the best of the late tall varieties. The pods and peas are of the largest size, and excellent quality. Height five feet. Per bushel \$3.50, pk. \$1.00, qt. 20c, pt. 10c, pkt. 5c.

Marrowfat, Large White.—One of the oldest varieties, a favorite market sort. Very large broad pods well filled, of excellent quality. Grows four feet high. Per bushel \$2.50, pk. 75c, qt. 15c, pt. 10c, pkt. 5c.

Marrowfat, Black-Eyed.—An excellent quality for either garden or field culture. Grows about four feet high. Has large well filled pods. A popular market variety. Per bushel \$2.50, pk. 75c, qt. 15c, pt. 10c, pkt. 5c.

French Canner.—This is the celebrated pea used in France by canners. It is extraordinarily prolific, and is considered abroad as the only suitable sort. It has a long, slim pod containing from seven to nine peas of most excellent flavor. In height the vine is about three feet, and the pods ripen for picking in about sixty days. It is a grand main crop pea. Per bushel \$5.00, pk. \$1.40, qt. 25c, pt. 15c, pkt. 5c.

American Champion.—A magnificent pea, and one of the largest of all; enormously productive, and its flavor and quality closely approaching that of the well-known Champion of England. The pods are extremely large, produced in pairs, and are well filled, each pod containing from nine to twelve large, fine peas. It is a tall-growing sort of branching habit and should be planted thin. Per bushel \$6.50, pk. \$1.75, qt. 30c, pt. 15c, 5c.

EDIBLE SUGAR POD PEAS.

Pods Used Same as Snap Beans.

Tall Sugar (Edible pods).—Can be used either shelled or cooked in the pods, which when young are very tender and sweet. Height five feet. Per pk. \$2.00, qt. 30c, pt. 15c, pkt 5c.

Dwarf Sugar (Edible pods).—Similar to the last. Height three feet. Per pk. \$2.00, qt. 30c, pt. 15c, pkt. 5c.

Tall White Blossom Sugar.—Height 36 inches, pods large. We are at last in a position to fill orders for a reliable sugar pea, of white bloom and large white seed. Per pk. \$2.50, qt. 40c, pt. 25c, pkt. 10c.

Dwarf White Blossom Sugar.—Height of vine 20 inches, pods small but crowded with peas. We are now able to meet a frequent demand for a small seeded dwarf white blossom sugar. Per pk. \$2.50, qt. 40c, pt. 25c, pkt. 10c.

Mammoth Melting Sugar.—This new variety is far superior to all other edible-podded Peas, not only in size of pod but also in delicious quality. It grows to a height of about five or six feet, and is wonderfully productive, the large, broad pods being borne in pairs in the greatest profusion. The pods are straight, smooth and so brittle that they snap. The pods when cooked are very sweet, tender and the most delicious flavor. Per pk. \$2.50, qt. 40c, pt. 25c, pkt. 10c.

Mammoth Melting Sugar.

OKRA OR GUMBO.

The long pods of this vegetable when young and tender are used for soups, and when pickled are a fine salad. After the ground is well warmed in the spring, sow the seeds in shallow drills two feet apart; thin out the plants to eighteen inches apart in the rows; hoe frequently, drawing a little earth to the stems as they continue to grow.

Dwarf Okra.

Tall Green.—Long, slender pods, light colored; keep edible a long time and are very tender. Per lb. 75c, $\frac{1}{4}$ lb. 20c, oz. 10c, pkt. 5c.

Dwarf Green.—A very desirable sort as it is productive and tender. Per lb. 75c, $\frac{1}{4}$ lb. 20c, oz. 10c, pkt. 5c.

White Velvet.—Distinct and beautiful in appearance. The pods are perfectly round and smooth, of a white velvet in appearance, and of a superior flavor and tenderness. Per lb. 75c, $\frac{1}{4}$ lb. 20c, oz. 10c, pkt. 5c.

PARSLEY.

Sow in the spring as early as the weather will permit in drills or broadcast. Being slow to germinate, the seed should be steeped in warm water before sowing.

Moss Curled.—Very beautiful, crimped and curled; fine for garnishing. lb. 75c, $\frac{1}{4}$ lb. 20c, oz. 10c, pkt. 5c.

Double Curled.

Double Curled.—A fine, free-growing variety, valuable for decorations. lb. 75c, $\frac{1}{4}$ lb. 20c, oz. 10c, pkt. 5c.

Plain Leaved.—Useful for flavoring soups and stews and for garnishing. lb. 75c, $\frac{1}{4}$ lb. 20c, oz. 10c, pkt. 5c.

PARSNIPS.

Sow early in the spring in shallow drills fifteen inches apart and half an inch deep in rich, well-prepared ground; thin out to six inches apart, and keep well cultivated. Being perfectly hardy, the roots do not require to be taken up in the fall, but the quality is much improved if left in the ground and dug as wanted for use or market.

Hollow Crown, or Large Sugar.—The best variety in cultivation for general use. Roots long, white, sweet, and of excellent quality. Per lb. 55c, $\frac{1}{4}$ lb. 20c, oz. 10c, pkt. 5c.

Improved Guernsey.—Smooth, fine grained, excellent. The roots are shorter than the Hollow Crown. A good variety for shallow ground. Per lb. 60c, $\frac{1}{4}$ lb. 20c, oz. 10c, pkt. 5c.

PEPPER.

Cultivate same as egg plants. Can be sown later as they take less time to mature.

Bell or Bull Nose.—A large, early variety of mild flavor; very thick and fleshy; a favorite sort for pickling and for use stuffed with cabbage. Per lb. \$2.50, $\frac{1}{4}$ lb. 75c, oz. 25c, pkt. 5c.

Ruby King.

Ruby King.—The largest and mildest of all the red varieties. Ordinarily they grow from four to six inches long, by three to four inches thick. The plant is of sturdy, bushy habit, not as productive as the preceding varieties. Per lb. \$2.50, $\frac{1}{4}$ lb. 75c, oz. 25c, pkt. 5c.

Large Sweet Mountain.—Very large and excellent for mangoes. Per lb. \$2.00, $\frac{1}{4}$ lb. 60c, oz. 25c, pkt. 5c.

Golden Dawn.—Plants grow quite dwarf but are very productive; fruit medium size and of inverted bell shape, rich, golden-yellow color with very thick, sweet and mild-flavored flesh. Per lb. \$2.50, $\frac{1}{4}$ lb. 75c, oz. 25c, pkt. 5c.

Long Cayenne.—Three to four inches long, red in color, productive and hot. Per $\frac{1}{4}$ lb. 75c, oz. 25c, pkt. 5c.

Small Chilli.—Small, bright red, best variety for pepper sauce. Per $\frac{1}{4}$ lb. 75c, oz. 25c, pkt. 5c.

Cranberry.—One of the best for pickling, in shape like the cranberry. Per $\frac{1}{4}$ lb. 75c, oz. 25c, pkt. 5c.

Red Cluster.—A distinct and beautiful variety. The small, thin peppers, of a most conspicuous coral-red color, are curiously crowded together in bunches at the top of each branch. A single plant will bear hundreds of these handsome little peppers, which are very hot and pungent in flavor. Per $\frac{1}{4}$ lb. 75c, oz. 25c, pkt. 5c.

Bird's Eye or Creole.—A very small, bright red pepper, about the size of a Marrowfat pea. It is extremely pungent, and is used in the manufacture of the celebrated "Tobasco Sauce." It will be popular for many sauces made by American housewives. Per pkt. 10c.

SPANISH PEANUTS.

This variety is as easily grown as bush beans, does not spread upon the ground like the Virginia and Tennessee varieties, but grows with tops erect. The pea, which is small but very sweet and solid, is formed at the end of the roots, and in gathering every pea comes up with the root. It yields enormously. They can be planted very close; rows need only be two feet apart, and the seeds drop eight to ten inches apart in the row. Everybody should plant a few for themselves and the children. They produce from 26 to 70 bushels per acre. Per lb. 30c, pkt. 10c.

PUMPKIN.

Plant in rich soil as soon as the weather is settled and warm, in hills eight to ten feet apart each way, or in fields of corn about every fourth hill, at the same time you plant the corn. Do not plant near other vine crops as they will hybridize.

Tennessee Sweet Potato Pumpkin.—One of the best varieties for pies; pear-shaped, of medium size, flesh and skin creamy white, fine grained and very sweet. Per lb. 65c, $\frac{1}{4}$ lb. 20c, oz. 10c, pkt. 5c.

Cushaw—(See Squash.)

Small Sugar.—A very handsome little pumpkin, with deep, orange-colored skin; flesh of fine, sugary flavor; very productive. Per lb. 60c, $\frac{1}{4}$ lb. 20c, oz. 10c, pkt. 5c.

Large Cheese.

Large Cheese.—Excellent for pies and a good keeper; very productive; flesh yellow and sweet. Per lb. 60c, $\frac{1}{4}$ lb. 20c, oz. 10c, pkt. 5c.

Mammoth Tours.—A productive French variety which grows to an enormous size, often weighing over 100 lbs. Grown for cattle and table use. Per lb. 75c, $\frac{1}{4}$ lb. 20c, oz. 10c, pkt. 5c.

Large Common Field.—Grown principally for feeding to stock. Per lb. 40c, $\frac{1}{4}$ lb. 15c, pkt. 5c.

Mammoth Potiron Pumpkin.

The King of all Pumpkins. Has been grown to weigh over 225 lbs. It has a salmon colored skin; flesh bright yellow, fine grain and of excellent quality, and a splendid keeper. If you wish to astonish your neighbor and win first premium at your County or State fair, do not fail to include a packet of "Mammoth Potiron Pumpkin" in your order. Per lb. \$1.50, $\frac{1}{4}$ lb. 40c, oz. 15c, pkt. 10c.

RADISH.

This vegetable is too well known to need any description. They should be planted in rich, mellow soil and make a rapid growth, or they will be invariably tough and pithy. The winter radishes should be sown at about the same time turnips are sown, as like that vegetable they make their best growth in autumn.

Early Scarlet Prussian Globe.

Early Scarlet Prussian Globe.—Eighteen days to maturity. A small-leaved variety well adapted to

forcing under glass. Root round and carmine colored. Early, very attractive and desirable, fine for forcing. A new color and very choice, every gardener should have it. Per lb. 75c, $\frac{1}{4}$ lb. 20c, ounce 10c, pkt. 5c.

Early Scarlet Turnip.—One of the best for home consumption. Small, round with very small top, delicate in flavor, good for early use. Per lb. 70c, $\frac{1}{4}$ lb. 20c, ounce 10c, pkt. 5c.

White-Tipped Early Scarlet Turnip.

French Breakfast.

White-Tipped Early Scarlet Turnip.—A fancy French variety. Scarlet bulb with white bottom; very showy and delicate, a choice variety. Per lb. 70c, $\frac{1}{4}$ lb. 20c, ounce 10c, pkt. 5c.

Early White Turnip.—Like the Scarlet Turnip in shape, but of pure white color, and larger. Per lb. 70c, $\frac{1}{4}$ lb. 20c, ounce 10c, pkt. 5c.

White Olive-Shaped.—A desirable sort. Per lb. 70c, $\frac{1}{4}$ lb. 20c, ounce 10c, pkt. 5c.

Rosy Olive-Shaped.—An excellent variety, growing about an inch and a half in length, very tender and mild. Per lb. 70c, $\frac{1}{4}$ lb. 20c, ounce 10c, pkt. 5c.

French Breakfast.—A very mild and tender variety of quick growth, and one of the best for forcing. Shape oval, color scarlet with white tips. Per lb. 70c, $\frac{1}{4}$ lb. 20c, ounce 10c, pkt. 5c.

Long Scarlet Short Top.—This is the standard family and market gardeners' variety, and has long been the most popular in cultivation. Its average length is seven inches, grows half out of the ground, straight, uniform in color, brittle and crisp, small top, color bright scarlet. Per lb. 65c, $\frac{1}{4}$ lb. 20c, ounce 10c, pkt. 5c.

Wood's Early Frame.—But few growers are aware of the fact that this variety is ten days earlier than the Long Scarlet, which it very much resembles although not quite so long. One of the best for forcing under glass, spring or winter. Per lb. 60c, $\frac{1}{4}$ lb. 20c, ounce 10c, pkt. 5c.

White Strasburg.

White Strasburg.—The roots are of handsome, oblong, tapering shape. Both skin and flesh are pure white. The flesh is firm, brittle and tender, and possesses the most desirably characteristic of retaining its crispness even when the roots are quite old and large. It is an excellent variety for summer use, and of the most rapid growth. Indeed so fast is its growth that a remarkable crop can be had in this latitude from seed sown as late as September 1st. Per lb. 60c, $\frac{1}{4}$ lb. 20c, ounce 10c, pkt. 5c.

White Lady Finger

—This is the best long white radish in cultivation. Most beautiful in shape, skin and flesh pure white, crisp and of rapid growth, excellent for forcing. Per lb. 75c, $\frac{1}{4}$ lb. 25c, ounce 10c, pkt. 5c.

Becker's Chartier.

—A decidedly distinct and handsome variety. Although of recent introduction this radish has been grown for years by market gardeners in western Pennsylvania as Chartiers, and in Indiana as the Shepherd. The color at the top is crimson, shading to pink in the middle, and pure white at the end. It will attain a very large size, and is one of the best radishes for open ground culture at all seasons, and equally good for forcing. Per lb. 60c, $\frac{1}{4}$ lb. 20c, oz. 10c, pkt. 5c.

Beckert's Chartier.

Golden Globe.—This variety is fit for use in from four to six weeks after sowing, and grows to perfection in the hottest weather. Color amber, flavor mild. Per lb. 60c, $\frac{1}{4}$ lb. 20c, ounce 10c, pkt. 5c.

Giant White Stuttgart.—This is one of the most popular varieties, withstands the severest heat of the south, and growing to a very large size, always retaining its fine quality and flavor. It is of quick growth producing roots as large as the winter radishes in five to eight weeks after being sown. Its flesh and skin are of a beautiful snow white, firm and crisp, and never pithy. They may be used at any stage of growth. Per lb. 60c, $\frac{1}{4}$ lb. 20c, ounce 10c, pkt. 5c.

Long, Brightest Scarlet, White-Tipped.—The handsomest long radish grown. A new sort which we tested and found to be of great merit. It is a long radish, resembling the Early Long Scarlet in shape and size. Extraordinarily early, being fit for use in twenty-five days after sowing. The most remarkable quality, however, is its color, which is the brightest scarlet we have seen in any radish; the tails are tipped white. This sort will outsell any other long radish that is put in competition with it on the market, and is an extra fine sort for the home garden, the quality being very good. Per lb. \$1.00, $\frac{1}{4}$ lb. 30c, ounce 10c, pkt. 5c.

WINTER VARIETIES.

Chinese Rose.—This is the best variety for winter use. Its table and keeping qualities recommend it to everyone desiring a particularly good radish for winter. It is of half long shape, pink color and flesh extremely solid. Per lb. 75c, $\frac{1}{4}$ lb. 25c, ounce 10c, pkt. 5c.

California Mammoth White.—Grows to immense size, flesh solid, white and of good flavor, and an excellent keeper. Per lb. 75c, $\frac{1}{4}$ lb. 25c, oz. 10c, pkt. 5c.

Long Black Spanish.—Grows six or eight inches long and two inches through at the top. Skin black, flesh white, and of firm texture. Per lb. 60c, $\frac{1}{4}$ lb. 20c, ounce 10c, pkt. 5c.

Round Black Spanish.

Round Black Spanish.—Similar to the above except in shape. Per lb. 60c, $\frac{1}{4}$ lb. 20c, ounce 10c, pkt. 5c.

SALSIFY.

(Vegetable Oyster.)

A very delicate and nutritious vegetable, especially esteemed for its peculiar oyster flavor. The roots will be ready for use in October, when a supply should be taken up and stored like carrots. The remainder may be left in the ground and dug in the spring or as wanted, as they suffer no injury from frost. Sow as early as possible in spring in rows twelve inches apart and one inch deep. Thin out the young plants to six inches.

Long White.—Per pound \$1.35, $\frac{1}{4}$ pound 40c, ounce 15c, pkt. 10c.

Mammoth Sandwich Island.—A very large and superior variety, mild and fine flavored. Per lb. \$1.60, $\frac{1}{4}$ lb. 40c, ounce 15c, pkt. 5c.

Mammoth Sandwich Island.

SPINACH.

Savoy Spinach.

This is a very important crop with market gardeners, and one of the most easily managed. For

summer use sow as early in the spring as ground can be got ready. For winter use sow in September, and mulch with straw on the approach of cold weather.

Round Leaf.—A standard sort, large green, thick leaves. Slow to go to seed. Per lb. 35c, $\frac{1}{4}$ lb. 15c, pkt. 5c.

Long Standing.—Similar to Round Leaf, but will stand two or three weeks longer on the ground without going to seed. Per lb. 35c, $\frac{1}{4}$ lb. 15c, pkt. 5c.

Bloomsdale Savoy Leaf.—A variety with wrinkled leaves like Savoy Cabbage, very hardy and productive, and a popular market variety. Per lb. 40c, $\frac{1}{4}$ lb. 15c, pkt. 5c.

SQUASH.

Plant the bush varieties three to four feet apart each way, and the running sorts six to eight feet. Eight to ten seeds in each hill, and thin to three plants as soon as they have attained two or three rough leaves.

Early White Bush.—This is one of the earliest of the summer varieties, and the best. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Summer Crookneck.—An early bush sort and fine for summer use. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 55c.

Improved Cushaw.—A good old variety that is very popular wherever its good qualities are known. It is very beautiful in appearance, being a distinct mottled green with white stripes. The flesh is a rich, yellow color, solid, fine grained, very sweet, and excellent for pies, and equally good for baking. They may be grown among corn like pumpkins, but the better way is to grow them separately on good, rich ground ten feet apart each way. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, lb. \$1.00.

Improved Cushaw.

True Hubbard.

True Hubbard.—The best winter squash grown. The flesh is dark yellow, fine grained, dry and sweet. Skin is very dark green and rough. The Hubbard will keep until spring. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Boston Marrow.—A standard variety for late summer or fall use. Has a thin, bright orange skin and salmon yellow flesh; rich, fine grained, sweet and dry. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

White Pineapple.—A fall and winter variety of excellent quality; skin creamy white, as is also the flesh which is fine grained, and possesses a rich cocoanut flavor; very prolific. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

Essex Hybrid.—One of the finest grained, richest flavored, and sweetest of the squash family. Ripens early and keeps till the following spring. Flesh rich orange color, thick, dry and solid. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 70c.

Perfect Gem.—Desirable for summer or winter. Diameter six inches, color white, sweet and rich flavored. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 70c.

Sibley or Pike's Peak.—The quality of this squash is equal to the sweet potato. Entirely new shape, having the stem at the swelled end. The shell is pale green in color, very hard and flinty. The weight ranges from eight to ten pounds, ripens at the same time as the Hubbard. The quality is much improved by housing them a few weeks before using. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.

Mammoth Chili.—Grows to enormous size, having attained the weight of 292 pounds. They are most profitable to grow for stock feeding, particularly when root crops are not largely grown. The outer color is a rich orange yellow; the skin is quite smooth, with side fissures; the flesh is very thick, and a rich yellow color; quality only medium, but very nutritious. It is the "Jumbo" of the squash family. Per lb. \$1.25, $\frac{1}{4}$ lb. 40c, oz. 15c, pkt. 5c.

Giant Summer Crook Neck Squash.—This magnificent squash is an improvement on the old Summer Crook Neck, as it grows fully double the size, and is just as early. Our market gardeners who gave it a trial last season were highly pleased with it, as they could sell their squashes easily at a higher price. It is a valuable early squash. Give it a trial. Per lb. \$1.00, $\frac{1}{4}$ lb. 30c, oz. 15c, pkt. 5c.

TOMATOES.

For early fruit the seed should be sown in hotbeds about the first week in March, in drills five inches apart and half an inch deep. When the plants are about three or four inches high they should be transplanted into hotbeds at a distance of about five inches apart each way, and about the middle of May the plants may be set in the open ground, at a distance of four or five feet apart. Water freely and shade from the sun for a few days after planting.

Early Acme.—One of the earliest good tomatoes. Fruit of medium size, perfect form, very smooth, color a glossy dark red, with a purplish tinge, ripens all over at the same time. Very popular for early market. Per lb. 2.00, $\frac{1}{4}$ lb. 60c, ounce 20c, pkt. 5c.

Paragon.—One of the largest round, smooth tomatoes in cultivation. Medium early. In habit of growth somewhat like the Acme, but less purple in color. Fine fleshed, ripens evenly; the best variety for late crop. Per lb. \$2.00, $\frac{1}{4}$ lb. 60c, ounce 20c, pkt. 5c.

Livingston's Beauty.—Of perfect shape, smooth, entirely free from rot, and will carry and keep well. Of a glossy crimson in color, with a purple tinge, which gives them a very handsome appearance. Very solid, with a tough skin, which makes them a valuable market variety. Per lb. \$2.00, $\frac{1}{4}$ lb. 60c, ounce 20c, pkt. 5c.

Buckeye State.—In Buckeye State we have the largest fruited variety of any of the smooth round tomatoes, averaging fully one-half larger than Liv-

New Dwarf Champion.

ingston's Beauty. It is an immense cropper, bearing its fruit in large clusters, often six to eight in a single cluster. Color deep glossy crimson, slightly tinged purple. Remarkably solid and meaty, while in luscious quality it is equal to the best. Its large size, fine shape and color and extra table qualities make it one of the most profitable market varieties for general crop. Per lb. \$3.00, $\frac{1}{4}$ lb. 85c, ounce 25c, pkt. 5c.

Livingston's Favorite.—One of the largest and most perfect shaped varieties, ripens evenly and early, and holds its size to the end of the season. It is very prolific, has few seeds, solid flesh, and bears shipping long distances. Per lb. \$2.00, $\frac{1}{4}$ lb. 60c, ounce 20c, pkt. 5c.

Perfection.—Of large size, color blood red. One of the first to ripen, almost round, perfectly smooth and very solid; of the best quality; very productive, bearing all through the season until frost. Per lb. \$2.00, $\frac{1}{4}$ lb. 50c, ounce 20c, pkt. 5c.

Chemin Market.

New Stone.—Ripens for main crop, is very large, and of bright scarlet color; very smooth, with occasionally a specimen octagon shaped; ripens evenly to the stem without a crack, exceedingly solid and firm-fleshed (as its name indicates), is an excellent shipper, fine for canning, of the very best quality and

a good keeper; without hard core, not subject to rot, a heavy variety. Its vines and foliage rank and robust, heavily loaded with very uniform specimens of fruit. Its appearance on market is remarkable attractive. It is the coming tomato for market gardeners and canners. Per lb. \$2.50, $\frac{1}{4}$ lb. 75c, ounce 25c, pkt. 5c.

Chemin Market, or Apple-Shaped.—An early and very handsome variety. Its roundness and bright scarlet color attracts much attention. Another point in its favor is its extreme solidity, being much heavier than some of the other standard sorts. It will often sell for much higher prices in the market than most other varieties. Per lb. \$2.00, $\frac{1}{4}$ lb. 60c, ounce 20c, pkt. 5c.

New Dwarf Champion.—It is entirely distinct in habit of growth and foliage from any sort ever produced. The vines are dwarf and compact in habit, grows stiff and upright with thick and short jointed stems. So compact are the plants that they can be planted as close as three feet. Heavy manuring tends to increase the abundance and size of fruit instead of running to vine. It is the very earliest good tomato, ripening its fruit as early as July 1st, and will yield double the quantity of extra early fruit per acre than can be obtained from any other variety. In form and color it resembles the well-known Acme; is always smooth, and is not so liable to crack as some other sorts. Per lb. \$2.50, $\frac{1}{4}$ lb. 75c, ounce 20c, pkt. 5c.

Ignotum.—The nearest perfection of all tomatoes. Very early and prodigious bearer; large, smooth and very regular, and exceedingly heavy and solid. The seed cavities are the smallest of any tomato. Very deep, handsome crimson color, ripens perfectly to the stem, remarkably free from cracking or rotting, delicious flavor and quality of flesh. In an exhibition of over eighty varieties this was singled out by the judges as the handsomest and most desirable of all. Per lb. \$2.00, $\frac{1}{4}$ lb. 60c, ounce 20c, pkt. 5c.

The Two Peach Tomatoes.—Handsome and delicious, new form and style of tomato. The fruit is of uniform size, resembling a peach in shape, size and color, one of which is a deep rose blended with orange amber, and in another clear lemon yellow. It is desirable for eating from the hand. The skin is thin, and peels off like that of a peach.

Each { Red Peach, } ounce 30c, pkt. 5c.
          { Yellow Peach, }

Both kinds mixed, ounce 30c, pkt. 5c.

New Everbearing Tomato.—The fruit of this new tomato is in the shape of a large plum, of deep scarlet red in color, and is produced in large compact clusters, seldom less than fifty in a bunch. The fruit begins to ripen about the first of June, and from then until frosts kill the plants, so that in mild climates ripe tomatoes are often found on the plants on Christmas day. While the fruit is not large, it is nevertheless very firm, and of exceedingly pleasant flavor. Per ounce 30c, pkt. 5c.

Golden Queen.

Mansfield Mammoth Tree Tomato.—This variety has created the greatest sensation since its introduction two years ago. The past season it grew to a height of over fifteen feet, and produced tomatoes of enormous size and fine flavor. All who have tasted the Mansfield are loud in their praise of its fine quality, wonderful growth, and beauty of fruit. Mr. Wm. Mansfield has spent twenty years in growing and experimenting with the tomato, and success has at last crowned his efforts. We advise all who desire a novelty to try the Mansfield tomato. Per pkt. 15c, two pkts. 25c.

Golden Queen.—A new yellow variety, very large, solid and handsome; resembles the Paragon except in color, which is a rich, deep yellow; equally desirable for slicing and preserving. Per lb. \$2.00, $\frac{1}{4}$ lb. 60c, ounce 25c, pkt. 5c.

Ground Cherry or Husk Tomato.—This is much liked by many for preserves and for eating from the hand. The seed we offer is from the true Yellow Ground Cherry; it is very prolific. Besides its use for preserves it makes fine pies, and is very fine dried in sugar. Per ounce 30c, pkt. 5c.

Red Cherry.—A small early variety, size and shape like a cherry; for pickling. Per ounce 30c, pkt. 5c.

Red Pear Shaped.—Used principally for preserving. Per $\frac{1}{4}$ lb. 85c, ounce 25c, pkt. 5c.

Yellow Plum.—A beautiful variety used principally for pickling and preserving. Per $\frac{1}{4}$ lb. 85c, ounce 25c, pkt. 5c.

TURNIPS.

For early crop sow in April in drills fifteen inches apart; For fall and winter use they may be sown from July to the last of August. The Extra Early Milan and the Early White Flat Dutch are the best for spring sowing. Sow always before a rain if possible. *One pound is sufficient for one acre.*

Purple Top White Globe.—One of the best varieties grown. Very popular, large size and very rapid growth, globe-shaped bulbs with red or purple tops, fine quality. Per lb. 40c, $\frac{1}{4}$ lb. 15c, ounce 10c, pkt. 5c.

Purple Top Strap-Leaved.—The well known and popular variety either for family or market use. Large size, white—purple above ground—, flesh fine grained. Per lb. 40c, $\frac{1}{4}$ lb. 15c, ounce 10c, pkt. 5c.

Extra Early Milan.

Extra Early Milan.—A new, very early, white variety, with purple top and strap leaf. Mild and sweet. Per lb. 65c, $\frac{1}{4}$ lb. 20c, ounce 10c, pkt. 5c.

Early White Flat Dutch.—A standard early variety, good size, pure white, small top, very sweet. Per lb. 60c, $\frac{1}{4}$ lb. 20c, ounce 10c, pkt. 5c.

Large Yellow or Amber Globe.—The best yellow sort, flesh fine and sweet, a good keeper. Per lb. 50c, $\frac{1}{4}$ lb. 20c, ounce 10c, pkt. 5c.

Snow White Globe.—Color pure white, size large, solid and quick in growth for a large turnip. Per lb. 40c, $\frac{1}{4}$ lb. 15c, ounce 10c, pkt. 5c.

Golden Ball.—A small yellow turnip of medium size, early and a good keeper, very desirable yellow market variety. Per lb. 40c, $\frac{1}{4}$ lb. 15c, ounce 10c, pkt. 5c.

RUTA-BAGA, OR SWEDISH TURNIP.

Improved Yellow Purple Top.—This magnificent strain we claim to be the best ruta-baga for feeding purposes there is in this or any other country. For stock feeding it has no equal, being solid, rich, sweet and nutritious. It will yield one-third more to the acre than any we ever grew. The leaves are large, smooth, free from small rootlets, and keep solid and sweet until late in the spring. It is the earliest, most productive and most profitable kind in cultivation. Per lb. 50c, $\frac{1}{4}$ lb. 15c, ounce 10c, pkt. 5c.

Golden Globe.—This excellent and beautiful variety is more especially adapted for table use and garden culture, being exceedingly fine grained, sweet and extra fine flavor. The roots grow to a medium size, smooth, a beautiful golden color. Flesh rich, deep yellow, very tender and an excellent keeper. When cooked it has the most delicious taste, and is highly prized as a table vegetable. Per lb. 50c, $\frac{1}{4}$ lb. 15c, ounce 10c, pkt. 5c.

Large White.—Remarkable for its nutritious properties, hardness and long-keeping. Of large size, rich, sweet flavor. Should be sown late. Per lb. 50c, $\frac{1}{4}$ lb. 15c, ounce 10c, pkt. 5c.

TOBACCO.

The tobacco seed we offer has been carefully grown by an expert, on crown shoots only. They are true to name and of best vitality.

Big Havana.—A hybrid Havana or Cuban seed-leaf. A heavy cropper, of fine texture, delightful flavor, and the earliest cigar variety to mature and ripen. Best Americanized Havana. Per lb. \$2.00, $\frac{1}{4}$ lb. 60c, ounce 20c, pkt. 5c.

Little Dutch.—A very popular variety used largely for plug. Also highly esteemed as a first-class filler and binder. Per lb. \$2.50, $\frac{1}{4}$ lb. 75c, ounce 25c, pkt. 5c.

Zimmer's Spanish.—The earliest and best American Spanish, and a favorite cigar variety. This variety is increasing in demand and culture every year. Per lb. \$3.00, $\frac{1}{4}$ lb. 80c, ounce 30c, pkt. 10c.

Lancaster County Broad-Leaf.—For cigar stock this is one of the best varieties, and is now very

largely grown. Per lb. \$2.00, $\frac{1}{4}$ lb. 60c, ounce 20c, pkt. 5c.

Connecticut Seed-Leaf.—One of the most popular varieties in cultivation, producing a fine broad leaf of fine texture. Per lb. \$2.00, $\frac{1}{4}$ lb. 60c, ounce 20c, pkt. 5c.

TRANSPLANTED VEGETABLE PLANTS.

These plants are grown from choicest stock seeds on our own grounds, and customers can rely on the genuineness of the varieties. We can ship and pack to carry long distances at a day's notice. *Sent by express only.*

Asparagus.—Conover's Colossal and Palmetto, one year old plants, 20c per dozen, 75c per 100, \$5.00 per 1000. Two year old plants 25c per dozen, \$1.00 per 100, \$7.50 per 1000. New Columbian (for description see our Novelty List), one year old plants 40c per dozen, \$2.00 per 100.

Early Cabbage.—Ready April 1st. Extra Early Wakefield, Large Wakefield, Henderson's Early Summer, Louisville Drumhead and Henderson's Succession, per 50 30c, per 100 50c, per 1000 \$3.50.

Late Cabbage.—Ready June 1st. Excelsior Late Flat Dutch, Surehead and Vandergaw, per 50 25c, per 100 35c, per 1000 \$2.50.

Cauliflower.—Ready April 1st. Extra Early Dwarf Erfurt and Henderson's Snowball. Per dozen 20c, per 50 40c, per 100 75c, per 1000 \$5.00.

Celery.—Ready July 1st. Golden Self Blanching, White Plume, Giant Pascal and Giant Golden Heart. Per dozen 15c, per 100 40c, per 1000 \$2.50.

Sweet Potato Plants.—Yellow Nansemond (Jersey). Per 100 25c, per 1000 \$2.00.

Tomatoes.—Beauty, Acme, Dwarf Champion, Buckeye State and Ignotum. Per dozen 20c, per 100 \$1.00, per 1000 \$7.00.

Pepper.—Sweet Mountain, Bull Nose, Ruby King and Golden Dawn. Per dozen 20c, per 100 \$1.00, per 1000 \$7.50.

Egg Plant.—Long Island Thornless. Per dozen 25c, per 100 \$1.00.

Horse Radish Roots.—Per 100 75c, per 1000 \$5.00.

Rhubarb Roots.—Per dozen 75c, per 100 \$4.00.

Chives.—Good clumps, 10c each, \$1.00 per dozen.

SELECTED FARM SEEDS.

Always add twenty cents for bags to ship in. This amount must be added to every order for one bushel up to two bushels on all Field Seeds, Grass Seeds and Clover.

FIELD CORN.

Our seed corn has been saved from selected ears, carefully fire-tried and tested.

Extra Early Huron Dent.—This new Extra Early Dent Corn will ripen in many Northern States where heretofore they have only been able to grow the Flint varieties, as it is the earliest Dent Corn ever introduced. It is of a bright orange color, has good sized stalk and ear, small red cob, long, deep grain,

is very rich in oil and starch, and is the only smooth, very early Dent Corn we know of. Seventy lbs. of ears made 64 $\frac{1}{2}$ lbs. of shelled corn, leaving only 6 $\frac{1}{2}$ lbs. for the cobs. To sum up, there is to-day no Dent Corn grown that is as early, as smooth and free from all roughness, and that has as little space between the rows, or is as well grained over the ends as the EXTRA EARLY HURON DENT.

Improved Leaming.—Is in character somewhat of a Dent variety, nearly always two good ears on a stalk. In good soil, well manured, has produced, by actual measure, 134 bushels of shelled corn per acre. Stalks grow to a medium size and produce but few suckers; ears large and handsome, of deep orange color and small red cob.

King of the Earliest.—One of the earliest Dent corns in cultivation, and has been grown farther north, and matured a crop, than any other Dent corn we know of except the Extra Early Huron Dent.

Farmers' Favorite—Golden Dent.—This variety was produced after eight years of skillful selection and careful cultivation by one of the most careful and practical corn growers. The grains are very deep, the cobs bright red, extremely small and well filled.

Extra Early Huron Dent.

It is easily shelled. The corn does not get too hard for feeding, but is easily digested and nutritious.

Champion White Pearl.—True merit has won laurels for this corn, and is now universally recognized and catalogued as the leading standard variety of thoroughbred, pure white, medium sized early white dent corn suitable for general crop. Matures in ninety to one hundred days; is very prolific; the grain is extra deep and wide, with small cob. Will grade No. 1 white in any market if sound and well cleaned. The stock is short and thick, and roots grow very deeply, with ear growing low upon it, thus standing our severe storms and drouths well.

Any of the above varieties of Field Corn, where price is not given, by freight or express, per bushel \$1.50, pk. 50c. By mail, postpaid, 30c per qt.

New White Cap Yellow Dent.—This new corn combines more solid merit than any corn ever catalogued, being suitable for all climates and soils, and yet grows large ears and matures early. The ear grows as large as the Leaming and is from seven to ten days earlier, and on poor thin soil, will yield thirty per cent. more corn. Its great merit lies in the fact that it grows strong, rank and quick, and will produce more corn on poor, thin soil than any kind now in cultivation. The tip ends of the kernels are white, the inside yellow. It good qualities might be stated as follows: It yields large crops on light thin soil. The ears are large, handsome and well filled. It is sure to mature in from 90 to 95 days. It husks easy and shells easy. It commands the highest market price. It will grow more bushels on thin land than any other variety. It grows its fodder strong, rank and quick, from seven to eight feet high and is sure to please all who give it a trial. Qt. 40c. By express or freight, pk. 75c, bu. \$2.25.

POP CORN.

¶ **White Rice.**—A very fine white variety. Ears four to five inches in length and $1\frac{1}{4}$ inches in diameter. Kernel pointed. Especially salable among the retail grocers.

Mapledale Prolific.

Mapledale Prolific.—The most prolific variety grown, a single stalk having yielded twenty-two ears. The kernels are nearly clear white in color; the stalks grow six feet high. The ears are large in size, averaging six inches, while many reach eight inches in length. It pops pure white, and is of good quality.

¶ **Premium Pearl.**—Kernels pearly white; ears six to seven inches long, and handsome, with twelve to eighteen rows. Prolific, bearing from three to five ears on a stalk, which grows from six to seven feet high; of medium early maturity and a fine popper

Queen's Golden.—One of the largest yellow and most prolific varieties grown. Its quality and handsome appearance when popped are very noticeable. It pops perfectly white, and 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.

¶ **Silver Lace Pop Corn.**—It suckers so that a single kernel will produce three to four stalks, making it an exceedingly productive variety. For this reason not more than two kernels should be allowed to grow in

a hill. The ears are very handsome, five to six inches in length, with sixteen rows well filled out to the end with smooth, round, metallic white grains. It differs from the old rice pop corn in the shape of the kernels, greater productiveness, its superior tenderness when parched, and its beautiful transparency, thus well meriting its name—Silver Lace.

Price for any kind, postpaid, pkt. 5c. $\frac{1}{2}$ lb. 15c, lb. 25c; not postpaid, lb. 10c, 3 lbs. for 25c, 10 lbs. 75c, 25 lbs. \$1.65.

SEED OATS.

Golden Giant Side Oats.—The Golden Giant Side Oats were introduced into this country in 1889, and have been carefully tested in all parts of the United States, and the most flattering reports have been received, all stating that they have out yielded every other variety tested beside them. They grow four to five feet tall, with stiff straw, never lodge, always stool freely and yield prolifically. By actual count 1,632 grains have been produced from a single grain. They are medium early in ripening, consequently should be planted early. Per $2\frac{1}{2}$ bus. \$2.50, bu. \$1.25, pk. 40c, by freight or express; pt. 15c, qt. 25c. by mail.

The Lincoln Oat.—This is the most popular oat ever introduced. It has produced one-third more than any other variety grown in the same localities. It is very early, is rust proof, stands up better than any other variety. It is best for feeding on account of its thin hull, heavy meat and soft nib. Bushel \$1.00, pk. 40c, by freight or express; pt. 20c, qt. 10c, by mail postpaid.

BUCKWHEAT.

New Japanese.—This is a distinct variety, enormously productive, ripens a week earlier than Silver Hull, and yields three times as much to the acre.

New Japanese.

The straw is heavier, branches more and does not require to be sown so thickly as other varieties. You will find it superior to any in the market. Bushel \$1.50, pk. 50c.

Silver Hull.—An excellent variety, matures early and produces large crops. Bushel \$1.50, pk. 50c.

Common Black.—Bushel \$1.25, pk. 40c.

BROOM CORN.

Evergreen.—The best for general cultivation.

Dwarf Evergreen.—Grows three to four feet high with straight, smooth brush.

Price of Broom Corn by freight or express, bushel \$2.50, pk. 75c. by mail postpaid, per lb. 20c, 3 lbs. 50c.

SORGHUM, OR SUGAR CANE.

Early Orange.—A strong grower, more juicy than other varieties. Bushel \$3.00, pk. 80c.

Early Amber.—This variety is the earliest and makes the finest quality of syrup. Bushel \$3.00, pk. 80c.

Either variety free by mail, 1 lb. 20c, 3 lbs. 50c.

GRASS SEED.

If wanted sent by mail add 8 cents per pound for postage.

As the prices on grass seed change almost daily we can only give prices ruling to-day (January 1, 1895), subject to these changes.

Write for Special Prices.

Creeping Bent Grass. (*Agrostis stolonifera*).—Succeeds well in moist situations, excellent for lawns. Twenty pounds to the bushel. Per lb. 20c, bu. \$3.50.

Sheep Fescue. (*Festuca ovina*).—Short, very thick in growth, excellent for sheep pasture. Twelve pounds to the bushel. Per lb. 25c, per bu. \$2.50.

Kentucky Blue Grass. (*Poa pratensis*).—Sow in fall or spring, at the rate of two or three bushels per acre. Our seed is free from chaff, and may be sown almost as easily as timothy. Fourteen pounds to the bushel. Fancy export quality, lb. 20c, pk. 60c, bu. \$2.20; extra clean, lb. 15c, pk. 40c, bu. \$1.50.

Rhode Island Bent Grass. (*Agrostis canina*).—A very fine variety for lawn or pasture. Twelve pounds to the bushel. Per lb. 25c, bu. \$2.50.

Fine-Leaved Fescue. (*Festuca ovina tenuifolia*).—Flourishes well on dry and sterile soils, well suited for lawns. Per lb. 35c.

Perennial Rye Grass. (*Lolium perenne*). (Rye Grass).—Considered quite valuable, as it affords pasture quite early in the spring. The leaves are flat, long and glossy; the stalks rather short, seldom over 18 inches in length; grass variable in size and appearance. Sow in early spring at rate of 1 to 1½ bus. per acre. Twenty-four pounds to the bushel. Per lb. 20c, pk. 80c, bu. \$3.

Orchard Grass. (*Dactylus glomerata*).—Very rapid in growth, and yields a large aftermath. Nearly two weeks earlier in growth than any other grass. It has a strong tendency to grow in clumps, and should be sown with clover, as both ripen at one time. Fourteen pounds to the bushel. Per lb. 20c, pk. 75c, bu. \$2.80.

Sweet Vernal. (*Anthoxanthum odoratum*).—Mixed with other grasses, it is valuable for pasture on account of its earliness. It is one of the earliest in spring as well as one of the latest fall grasses, and is pleasant in fragrance. Per lb. 50c.

Red Top. (*Agrostis vulgaris*).—Very suitable for pastures on low ground. Produces late in the season a reddish purple or greenish panicle of flowers. Fancy, about 40 pounds to the bushel, lb. 25c, 100 lbs. \$17.00; extra clean, 14 pounds to the bushel, lb. 15c, bu. \$1.60.

Crested Dog's-tail. (*Cynosurus cristatus*).—Valuable for pastures on hard, dry soils. Twenty-one pounds to the bushel. Per lb. 40c.

Wood Meadow Fescue. (*Poa nemoralis*).—Suitable for under trees. Fourteen pounds to the bushel. Per lb. 40c.

Italian Rye Grass. (*Lolium Italicum*).—Thrives in any soil, and yields abundant crops. Twenty pounds to the bushel. Per lb. 20c, pk. 80c, bu. \$3.00.

Meadow Foxtail. (*Alopecurus pratensis*).—Desirable for permanent pastures on moist soil; early and rapid in growth. Seven pounds to the bushel. Per lb. 50c.

Tall Meadow Oat Grass. (*Avena elatior*).—Rapid and luxuriant in growth; valuable for soiling. Ten pounds to the bushel. Per lb. 20c, pk. 80c, bu. \$2.50.

Hungarian Grass. (*Panicum Germanicum*).—A valuable annual forage plant. Sow one bushel to the acre. Forty-eight pounds to the bushel. Per bu. \$1.75.

German, or Golden Millet. (True Southern-grown.)—German millet, grown in Northern and Western States, deteriorates, and soon resembles Foxtail in quality and yield. This is because the grass is a native of a warm climate. Southern seed is worth double Northern or Western-grown. Per lb. 10c, pk. 60c, bu. \$2.25.

CLOVER SEED.

Add 8c. per pound for postage.

Alsike, or Swedish. (*Trifolium hybridum*).—A good variety of luxuriant growth; very sweet; fine for pasturage or ensilage. Per lb. 20c, postpaid 28c, bu. \$10.

Alfalfa, or Lucerne. (*Medicago sativa*).—Will bear cutting three or four times during the season. Best clover for bringing up poor land. Per lb. 20c, postpaid 28c, bu. \$8.00.

Scarlet Clover. (*Trifolium incarnatum*).—An annual, and should be sown in July, August or September for best results, when it will make abundant pasture in the fall, winter, and spring. It can be cut for hay in this latitude about May 1st, or will mature seed May 15th. It is the most rapid grower of all the varieties of clover, and unequaled as a soil enricher. If sown in the spring it will afford good pasture, but will not produce seed. We highly recommend it. Per lb. 15c, postpaid 25c, bu. \$5.50.

Common or Medium Clover.—This is the variety in general cultivation, and is so well known that description is not necessary. Per lb. 15c, postpaid 25c, bu. \$6.00.

Mammoth Clover. (*Pea Vine or English*).—Like common or medium clover, but of larger growth. Largely grown. Of great value to sow on exhausted land. For hay, we recommend sowing a mixture of this and common clover. Much used for green manuring. Per lb. 15c, postpaid 25c, bu. \$6.50.

White Dutch Clover. (*Trifolium repens*).—The best variety for lawns, as it forms a close herbage, and remains green throughout the season. We offer highest grade of seed only. Per lb. 35c, postpaid 43c.

Special Mixtures of Grass Seed for Hay and Permanent Pastures.

We prepare a number of mixtures of Grass Seed for hay and for permanent-pastures. These mixtures are prepared to suit any particular condition of soil and location—as land that is wet or dry, high land or bottom land, land that is poor or in good condition. Buyers will please state kind of soil they wish to use it on, and we will quote them prices of the particular mixture they want. Average price, about \$2.50 per bushel, and quantity required to acre, about three bushels.

A BEAUTIFUL LAWN.

Our Special Mixtures of Lawn Grass Seed and a Good Fertilizer will Produce Just Such a One if Rightly Handled.

How to Make a Beautiful Lawn.—A beautiful lawn, with its close, velvety turf, is a most essential feature in the adornment of a home. Without it the finest flowering plants and beds seem out of place, while with it handsome grounds are assured, even with no other adornment.

Some gardeners still continue the expensive plan of sodding because of its quicker effect, but it is generally admitted that a turf formed by seeding is far more compact and durable. In preparing the soil

for a perfect lawn, it must not be forgotten that as much care should be exercised as for vegetables, flowers or any other garden crop. The ground should be thoroughly plowed or dug to the depth of at least a foot, and enriched if necessary with a liberal application of lawn fertilizer. After plowing, the ground should be well harrowed to reduce to as fine condition as possible, and made perfectly level. The best time for sowing is in Spring from March to June, or in autumn from August to the middle of October. After sowing, the ground should be thoroughly rolled and "firmed," which will greatly aid in the germination of the seed. While a good lawn cannot be produced unless everything has been properly prepared, it must be remembered that it cannot be maintained without proper attention to cutting, rolling and fertilizing.

Emerald Gem Lawn-Grass Seed.

To produce a good lawn only such grasses should be used as are evergreen in their nature, and all those that have a rank habit, like timothy, or a tufty growth, like orchard grass, should be avoided. Our mixture is a compound of different grasses best adapted for the formation of a good lawn. Per lb. 25c, by mail 35c, peck \$1.10, bu. (20 lbs.) \$4.00.

To GRASS A BANK, OR TERRACE. For each square rod take a pound of lawn grass seed and mix it thoroughly with six cubic feet of good, dry garden loam. Place in a tub and add liquid manure, diluted with about two-thirds of water, so as to bring the whole to the consistency of mortar. The slope must be made perfectly smooth, and then well watered, after which the paste should be applied, and made as even and as thin as possible.

SEED POTATOES.

Our Seed Potatoes are all Northern grown, and selected especially for seed potatoes. All successful potato growers understand the necessity of changing their seed. We book orders at any time, and fill them in rotation, just as soon as in our judgment the weather is fit. We can ship at any time when customers so desire, regardless of the weather, but customers must take all risks.

Extra Early Ohio.

Extra Early Ohio.—This is the earliest of all potatoes. No variety will compare with this for earliness, no matter what may be claimed for it. We have grown all early potatoes as introduced, but none of them will mature as early as the Early Ohio by from one to two weeks. The tubers are nearly round, with few eyes, which are even with or above the surface; flesh solid, and cooks dry and mealy. All who

Early Market.

grow potatoes for market will make no mistake in planting this extra early variety. Per pk. 50c, bu. \$1.75, bbl. \$4.50.

Early Market.—As the name implies, this variety is especially recommended to grow for early market, as its quality is unsurpassed in the early stages of its growth, or unripe condition, cooking dry and mealy as soon as the tubers have attained a marketable size.

The tubers are medium to large; light pink or flesh color; in shape oval oblong, very uniform in size; eyes flush with the surface; both stem and seed ends round and full; an excellent keeper, and an excellent early market potato. Per pk. 60c, bu. \$1.75, bbl. \$4.00.

Chicago Market.—One of the best potatoes for family use or market. The tubers are large and uniform in size, grow compact in hill, eyes shallow and few in number, flesh dry and of best quality. It is wonderfully productive, and succeeds well in almost any soil. The skin is flesh-colored, partially covered with a rusty coat; flesh white. Per pk. 50c, bu. \$1.75, bbl. \$4.00.

The Freeman.—The great merits of this variety are its extreme earliness and long keeping qualities. It is also a first-class yielder, frequently producing six to nine pounds from a single hill. The tubers are oval in shape, russet in color; flesh very white, both raw and when cooked, fine grained and of the very best flavor. From the time they are as large as hen's eggs until new potatoes come in the next year, they burst open when boiled "with their jackets on" and appear snow and floury. (The above is the description of the originator.) *Genuine stock.* Per pk. 60c, bu. \$2.00, bbl. \$5.00.

Seneca Beauty.

Seneca Beauty.—This valuable medium early variety is a special favorite with all who have grown it. It is the handsomest potato we have ever seen. Its fine appearance will sell it in any market. The tubers are large and very smooth, with eyes close to the surface and of a beautiful pink color. It has never shown the least sign of blight. It is a good keeper, and its quality is unsurpassed. The vines grow rank, and the tubers are of very uniform size and shape, and surprisingly productive, with scarcely any small ones. Per pk. 50c, bu. \$1.50, bbl. \$4.00.

Early Beauty of Hebron.—Ripens with the Early Rose, and equally as valuable as a market variety. Per pk. 60c, bu. \$1.75, bbl. \$4.00.

Early Rose.—A well known and standard variety for earliness, quality, and productiveness. Per pk. 50c, bu. \$1.50, bbl. \$4.00.

Pride of Ireland.—A new seedling. A very good keeper, and cooks well. Skin is very white, with a sort of light russet netting; the flesh is white and of good quality. It can not fail to satisfy the grower who wants a heavy yielder, big potatoes and no small ones worth mentioning. We pronounce it one of the handsomest and largest white skinned potato that has been offered for many years. Per pk. 50c, bu. \$1.75, bbl. \$4.00.

OTHER VARIETIES.

We can usually furnish other varieties, not quoted here, at customary prices. Write for prices of all kinds wanted, also *special price* on large quantities of any of the above varieties.

POTATOES BY MAIL.—The price of all varieties of potatoes is 20c. per pound, post-paid to any address.

HYBRIDIZED POTATO SEED.

We offer a very choice strain of Potato Seed, the product of numerous hybridizations between many of the best new and old varieties in cultivation. Price, post-paid, 25c per packet; 5 packets, \$1.00.

POTATO EYES BY MAIL, POSTPAID.

This Plan Saves our Customers Money.

Owing to the heavy expense of sending potatoes long distances by express, we have adopted the plan of sending out potato eyes by mail. When received they should be carefully removed from the boxes. If too soon to be planted out doors, they should be placed in damp earth, in a box, where there is no danger from freezing. We send out none but the strongest eyes, which will produce as good crops as if the whole tubers were planted.

We will supply 60 eyes of any of the above varieties for only 50c, postpaid, or 150 for \$1.00.

SEED SWEET POTATOES.

Yellow Nansemond.—A short, thick variety, very productive, and considered the best for general culture. Per pk. 50c, bu. \$1.50, bbl. \$3.50.

The 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. No matter how small a crop you intend to plant, you should use this cutter. Price 25 cents by mail, postpaid.

Concaved and Curved Seed Potato Knife.

One of the handiest and most useful little tools made. It is thin, and will cut one, two, or three eyes in a piece, easier, faster, and better than any other way. Give it a trial and you will find it will pay you to cut your potatoes with it. Price, by mail, postpaid, 25 cents.

• CHOICE FLOWER SEEDS. •

We have endeavored to make our list of flower seeds as complete as possible by a judicious selection of the best sorts, discarding all varieties which are of no special merit, and retaining all that are worthy of cultivation. These, if reasonably cared for, will give you satisfaction. You will also find many new varieties and novelties of great promise, which we now catalogue for the first time. We have, for the convenience of our customers, divided our Flower Seed List into four classes: **ANNUALS**, or those that bloom and ripen seed the first year, and then die; **PERENNIALS**, those that endure our northern winters with little or no protection and live and bloom for several years. Some of these will bloom the first year if started early in the spring. **ORNAMENTAL CLIMBERS**, both hardy and tender. **CONSERVATORY**, or **HOUSE PLANTS**. Each will be found under its respective heading in the following pages

FLOWER SEEDS BY MAIL. All Flower Seeds are sent by mail postpaid on receipt of price, and are warranted to grow if the directions printed on each packet are carefully followed.

PREMIUM ON FLOWER SEEDS.

Although our prices are reasonably low for fresh and reliable seeds, yet in order to encourage the planting of flowers and to introduce our seeds as widely as possible, we offer these inducements to our customers to form clubs.

For 25 cents, select 6 Five-cent or 3 Ten-cent Packets.

For 50 cents, select 13 Five-cent or 7 Ten-cent Packets.

For \$1.00, select Packets to the amount of \$1.30.

For \$2.00, select Packets to the amount of \$2.75.

For \$5.00, select Packets to the amount of \$7.50.

ANNUALS.

Or Flowers that Bloom the First Season from Seed.

Abronia.—A handsome trailing plant with Verbena like flowers. Colors delicate rosy lilac with white center and pure white, very fragrant. Half hardy annual. Pkt. 5c.

Ageratum.—Valuable plants for beds or borders, and very useful for bouquets. In bloom the whole summer, also good for winter blooming in the house. Of easy culture, half hardy annuals.

Mexicanum, lavender blue, ... Per Pkt. 5c
Imperialis Alba, dwarf head of white flowers, ... 5c

Adonis.

Amaranthus Caudatus.

Adonis.—This pretty annual is of easy growth, has blood red flowers, and finely cut and handsome foliage. Grows about twelve inches high and blooms from July till September. Plant one foot apart. *Estivalis*, pkt. 5c.

Amaranthus.—Showy, blooming plants with long racemes of curious looking flowers and brilliant foliage.

Caudatus, (Love Lies Bleeding.) Long blood red panicles, ... Per Pkt. 5c.

Salicifolius, (Fountain Plant.) Of pyramidal drooping habit, graceful willow like foliage, ... 5c

Tricolor Splendens, (Joseph's Coat.) An improvement on the old Joseph's Coat, and more brilliant coloring; leaves red, yellow and green, .. 5c

Alyssum.—Free flowering, pretty little plant for beds, edgings, or rock work, or for winter blooming.

Per Pkt.

Maritimum, flowers in white clusters, ... 5c

Benthami Compacta, dwarf, fine for borders, white, ... 5c

Little Gem, dwarf, compact habit, 3 to 5 in. high, each plant covering a circle of 15 to 30 inches in diameter, blooms from spring till autumn, ... 5c

Alyssum.

Arnebia.—A charming novelty from Asia, forms a dense bush with a diameter of about two feet. Its curious and exceedingly beautiful flowers expand daily in succession, and in great profusion. They are of a rich yellow marked with large black spots, that turn to deep maroon on the second day and entirely vanish on the next, when the flowers become a clear yellow.

Blooms the entire summer, and 100 to 150 flowers are often seen on one plant. Sow in heat in February or March, and plant in the open ground the first of May, at a distance of one and one-half feet apart. *Cornuta*, pkt. 25c.

Arnebia Cornuta.

Alonsoa. (Mask Plant.)—Handsome, brilliant colored, free flowering bedding plants, blooming until killed by frost. Thrive in any good garden soil. *Mixed*, all colors, two feet. Pkt. 5c.

Antirrhinum. (Snap Dragon.)—One of the most showy and useful border plants, with finely shaped flowers of the most brilliant colors. Very effective for beds. Per Pkt.

Dwarf Mixed, finest Tom Thumb, ... 5c
Tall Mixed, ... 5c

ASTER. (Queen Margaret.)

One of the most popular and effective of our garden favorites. Their richness of color is combined with the most perfect and beautiful form. They delight in rich soil.

	Per Pkt.
<i>Dwarf Pyramidal Bouquet</i> , very compact, each plant being, when well grown, a perfect bouquet in itself	10c
<i>Dwarf Chrysanthemum Flowered</i> , mixed	10c
<i>Pæony Flowered Perfection</i> , one of the most perfect, very double, large and finely shaped, mixed, ...	10c
<i>Cocardeau or Crown</i> , showy flowers with white centers, bordered with bright rich colors, mixed	10c
<i>New Victoria</i> , a very fine bloomer, flowers very large and beautifully imbricated, one of the finest. <i>Mixed colors</i> , ...	10c
<i>New Victoria</i> , white	10c
<i>New Victoria</i> , dark blue	10c
<i>New Victoria</i> , indigo blue on white ground	10c
<i>New Victoria</i> , crimson and white	10c
<i>German Quilled</i> , mixed colors	10c
<i>New Rose</i> , magnificent flowers in shape and size, and a great variety of brilliant colors. <i>Mixed colors</i> , ...	10c
<i>New Rose</i> , pure white	10c
<i>Chrysanthemum Flowered</i> , dwarf white	10c
<i>Chrysanthemum Flowered</i> , fiery scarlet	10c
<i>Victoria Needle</i> , in habit of growth similar to the Victoria flowers, very double, petals consist of tubes or quills	10c
<i>Superb Mixture</i> , all the above	10c
<i>Choice Mixed</i>	5c

Jewel, or Ball. A new and magnificent class of Asters, obtained from the well known large flowered Pæony Perfection tribe. Similar but somewhat dwarfier in habit than the latter. It distinguishes itself at first sight by its beautiful shorter-petaled and perfectly round flowers, which may be compared to the finest varieties of the incurved class of Chrysanthemums. Pkt. 10c.

Browallia.—One of our favorite profuse-blooming bedding plants, covered with rich, beautiful winged flowers during the entire summer. Grows freely in any rich soil. *Elata, Mixed Colors*, blue and white. Pkt. 5c.

Brachycome. (Swan River Daisy.)—Free flowering, dwarf growing plants, covered the greater portion of the summer with a profusion of Cineraria-like flowers. *Iberidifolia*, mixed, light blue and white. Pkt. 5c.

BALSAM.

An old and favorite garden flower, producing its gorgeous masses of beautiful, brilliant colored double flowers in the greatest profusion. Of easy culture, succeeds in a good rich soil.

Camelia Flowered Balsam.

	Per Pkt.
<i>Camelia Flowered</i> — <i>White Perfection</i> , beautiful, large, snow-white, double flowers	10c
<i>Rose Flowered</i> , pink	10c
<i>Rose Flowered</i> , light lemon	10c
<i>Rose Flowered</i> , violet	10c
<i>Rose Flowered</i> , scarlet	10c
<i>Rose Flowered</i> , spotted and striped	10c
<i>Extra Choice Mixed</i>	10c
<i>Good Mixed</i>	5c

Double Daisies. (*Bellis Perennis*.)—A favorite plant to bloom from April to June. They are also easily grown from spring-sown seed, and come into flower in a short time. For early spring flowers sow seed in August and winter over in a cold frame. *Snowball*, large, fine white flowers 10c
Longfellow, very double, dark rosy flowers 10c
Mixed Colors 10c

Candytuft.—A beautiful and useful plant of the earliest culture, for growing in beds or mosses; fine for bouquets. Per Pkt.

Tom Thumb, dwarf, grows six inches high, large white flowers..... 5c

White Rocket, large tresses of pure white flowers, much prized by florists; oz. 25c..... 5c

New Carmine, dark crimson..... 5c

New Lilac, deep lilac color..... 5c
Mixed, all colors; oz. 20c..... 5c

Centranthus.—Pretty, free flowering, compact growing plants, with long tubed flowers produced in clusters, fine for massing. *Mixed*, all colors, pkt. 5c.

Centaurea.—(Blue Bottle or Corn Flowers.) A wild flower in England and the continent. It is an annual of the easiest growth, flowering continually; two to three feet. *Cyanums*, mixed colors, pkt. 5c.

Calandrinia.—Beautiful creeping, free flowering plants, with succulent stems and fleshy leaves. Adapted for rock work and hot situations. *Grandiflora*, mixed, per pkt. 5c.

Convolvulus Minor (Dwarf Morning Glory).—Handsome trailing plants, producing in beds and mixed borders an unusually brilliant effect. Per Pkt.

Tricolor. Violet and purple with white eyes.... 5c

Mauritanicus. A beautiful trailing plant for hanging baskets; blue flowers.... 5c
Mixed, all colors..... 5c

Coleus.—Most attractive and novel foliage plants for home or garden culture. Indispensable for ribbon or carpet bedding. Finest hybrids, in splendid mixture. Per pkt. 15c.

Centranthus.—Pretty, free flowering, compact growing plants, with long tubed flowers produced in clusters; fine for massing. *Mixed*, all colors, pkt. 5c.

Canna (Indian Spot Plant).—Highly ornamental plants, producing a rich effect by their large, broad and massive effect, terminated by racemes of crimson, orange and scarlet flowers. Soak the seeds twelve hours in hot water before planting; sow in sandy loam and place in hot-bed until time to set them out. *New French*, comprising all the newest and most beautiful varieties, pkt. 10c.

Calathea (Tassel Flower).—A neat annual of easy culture, with tassel shaped flowers. Blooms from July to September. *Mixed*, per pkt. 5c.

Calendula.—Showy free flowering, growing in any good garden soil, producing a fine effect in beds or mixed borders, and continuing in bloom until killed by frost.

Meteor. Large double striped flowers of a deep orange on a pale yellow ground..... 5c

Pure Gold. This novelty surpasses them all in beauty, the flowers being a peculiar rich golden yellow..... 5c

Calliopsis or Coreopsis.—Showy and useful, free flowering plants. Per Pkt.

Golden Wave. For a mass of bright golden color, this is the most effective of all annuals; when grown in masses the effect is very striking, being indeed a wave of gold..... 5c
Mixed. Yellow, orange and maroon..... 5c

Coreopsis.

Chrysanthemum—Eclipse.

Calandrinia.—Beautiful creeping, free flowering plants, with succulent stems and fleshy leaves, adapted for rock work or hot situations. *Grandiflora* *Mixed*, per pkt. 5c.

Calosia (Coxcomb).—Free blooming, graceful plants, producing spikes of feathered and comb-like flowers. Per Pkt.

Plumosa Superba. A beautiful feathered variety, mixed colors..... 10c

Cristata. Fine dwarf varieties of coxcombs, mixed colors..... 5c

CHRYSANTHEMUMS.

(PARIS DAISIES OR MARGUERITES.)

Showy and effective garden favorites, extensively grown for cut flowers.

DOUBLE ANNUAL VARIETIES. Per Pkt.

Double White, two feet..... 5c

Double Yellow, two feet..... 5c

SINGLE ANNUAL VARIETIES. Per Pkt.

Burridgeanum. Crimson, white center..... 5c

Coronaria Alba. Pure white..... 5c

Eclipse. An exceedingly showy variety, pure golden yellow, with bright purplish-scarlet ring on the ray florets, the disc being brown... 5c

Mixed, annual varieties..... 5c

For other varieties see perennials.

Cosmos.

Clarkia.

Cosmos.—A plant of very rapid growth, forming large bushes fully five feet high, with elegant foliage. Blooms from August until freezing weather. The (October frosts do not hurt the plants nor flowers.) flowers resemble single dahlias about two inches in diameter, and are pure white, flesh color, light pink and deep rose.

Pure White, large flowering..... 10c

Pink..... 10c

Mixed, all colors..... 10c

Cleome.— Singular looking rose-colored flowers. The stamens look like spiders' legs, and present a very attractive appearance. Three feet. *Grandiflora*, pkt. 5c.

Clarkia.—An old favorite, growing in any soil, and producing freely its cheerful flowers early in the season.

Per Pkt.
Single, mixed colors 5c
Double, mixed colors 5c

Datura. (Trumpet Flower.)— In large clumps they produce an excellent effect, continuing to bloom until frost, flowering the first year from seed if sown early. They can be preserved in sand during winter in a dry, warm cellar.

Per Pkt.
Humulus Flava, large, double, golden yellow flowers, delightfully fragrant 10c
Arborea Simplex, large, single, trumpet-shaped flowers, pure white, fragrant. . . . 10c

Datura Cornucopia. (The "Horn of Plenty.")—The plant is of robust habit, and, while it is not hardy, assumes the proportions of a good sized shrub in a single season. It does splendidly in the open ground. The leaves are large dark green, and the stem is brownish purple, with a shining surface. The flower is immense, often 10 inches long and 5 inches wide at the mouth, and conical, having three cones, one within the other, each with spreading, wavy margin. The color is fine purple and French white, the former predominating outside, and the latter within the throat and the tube of the flower. Our cut is a fair representation of a good plant. Per pkt. 10c.

Daisy (*Bellis Perrennis*).—A favorite to bloom from April to June. They are also easily grown from spring-sown seed and come into flower in a short time. For early spring sow in August and winter over in cold frames.

Per Pkt.
Mixed, all colors 10c
Snowball. Large flowering, pure white. 10c
Longfellow. Very double, dark rose flowers. . . . 10c

New Marguerite Carnation.—Every one loves Carnations for their sweet fragrance, beauty of form, and color; but hitherto only comparatively few have raised them from seed, owing to the fact that the seedlings do not bloom the first year. But with these this objection does not exist, for the seedlings of our Marguerite Carnations will bloom when only three months old. Per pkt. 10c, three pkts. 25c.

Dianthus Chineseus.

Snow on the Mountain.

Dianthus (Pinks).—The China and Japan Pinks are very popular. From their beauty, fragrance, and hardness, they comprise some of the most desirable flowers in cultivation, and cover a wide range of profuse bloom and brilliant colors.

Per Pkt.
Chinensis (China Pinks). Extra double, all colors mixed 5c
Chinensis Flore Alba Pleno. Extra double, pure white 5c
Imperialis (Double Imperial Pinks). Double variegated mixed colors. 5c

	Per Pkt.
<i>Heddewigii Flore Pleno</i> (Double Japan Pink. All colors mixed	10c
<i>Diadematus Flore Pleno</i> (Double Diader. Pinks) ..	10c
<i>Lacinatus Flore Pleno</i> (Double Fringed Japan Pinks). Large, double, showy flowers, with fringed edges.....	10c

Single Striped Dahlia.

Dahlia.—One of the best autumn flowering plants: blooms until killed by frost. They bloom the first year from seed, if sown quite early in the spring. Preserve the roots during winter in a dry cellar in sand.

	Per Pkt.
<i>Large Flowering Double</i> , a fine mixture.....	10c
<i>Best Single</i> , an extra fine mixture.....	10c
<i>Striped Single</i> (Gracilis). Striped, mottled and blotched in the most charming manner.....	10c

Euphorbia (Snow on the Mountain).—Attractive foliage, with white and green bracts on the tip of each branch, veined and margined with white. *Variegata*, per pkt. 5c.

Everlastings.—This class of plants has become very popular, and they are generally cultivated for their rich colored flowers, which are desirable for making up winter bouquets, wreaths and Christmas decorations. They should be cut when they come into full bloom, tied into bunches and dried slowly in the shade, with their heads downward to keep the stems straight.

	Per Pkt.
<i>Acrolinum</i> , mixed, roge and white	5c
<i>Gomphrena</i> , splendid mixed colors	5c
<i>Helichrysum</i> , exceedingly effective double flowers, mixed colors	5c
<i>Helipterum</i> , clusters of bright yellow globular flowers	5c
<i>Rodanthe</i> , fine and graceful	5c
<i>Statice</i> , free flowering and of easy culture	5c
<i>Xeranthemum</i> , showy, double flowers.....	5c
<i>Mixed</i> , all varieties.....	5c

Eschscholtzia. (California Poppy).—Very attractive plants for beds or borders. Profuse blooming and fine cut foliage. In bloom from June till frost. One foot.

Eschscholtzia.

Gillia.

	Per Pkt.
<i>Rose Cardinal</i> , rich rose color.....	5c
<i>Crocea Alba</i> , creamy white	5c
<i>Mandarin</i> , inner side of petals rich orange, outside brilliant scarlet	5c
<i>Mixed</i> , many colors	5c

Feverfew. (*Matricaria Eximia*).—Free flowering, herbaceous plants, succeeding in any garden soil. A fine bedding plant or for pot culture, blooms until frost. *Double White*, from best double flowers, pkt. 10c.

Gaillardia.—Splendid bedding plants, remarkable for their profusion of bloom, and size and brilliancy of flowers. Continuing in beauty during the entire summer and autumn.

Picta Lorenziana, a charming double variety, entirely distinct from the single flowering. Fine for massing, and useful as a bouquet flower, bloom until frost, pkt. 5c.

Gillia.—Very pretty dwarf plants, early, free blooming, fine for rock work and massing. *Mixed*, all varieties, pkt. 5c.

Godetia.—An attractive hardy annual, deserving more extensive cultivation. The plants bloom frequently and bear showy flowers of rich and varied colors. *Mixed*, all colors. Per pkt. 5c.

GRASSES (Ornamental).

These form a beautiful and attractive addition to the flower garden; their graceful forms give a pleasing relief to the brilliancy of their showy companions. Cut when in full bloom, tie in small bunches and hang up to dry in a dark place, heads down. When carefully dried they are useful in making up winter bouquets.

	Per Pkt.
<i>Agrotis</i> . Exceedingly beautiful, feathery and graceful, of dwarf growth	5c
<i>Avena</i> (Animated Oats). Pretty; large drooping spikes on slender stems.....	5c
<i>Briza Maxima</i> (Quaking Grass). A beautiful variety, in great demand for bouquets	5c
<i>Bromus Brizaformis</i> . A graceful variety, with drooping panicles, and in great demand for florists' use.....	5c
<i>Croix Lacrymæ</i> (Job's Tears). With broad, corn-like leaves, and hard, shining, pearly seeds, resembling tears.....	5c
<i>Hordeum Jubatum</i> (Squirrel's Tail). Very handsome; light purple plumes.....	5c
<i>Lagurus Ovatus</i> (Hare's Tail). Beautiful small white heads or plumes; excellent for bouquets. 5c	

Gypsophila.—Pretty, free flowering, elegant plants, for rock work, baskets, edgings and borders, succeeding in any garden soil. *Muralis*, pretty pink blossoms, suitable for small beds. Per pkt. 5c.

HELIANTHUS (Sunflower). **Miniature Helianthus.**

	Per Pkt.
<i>Globus Fistulosus</i> (Globe Sunflower). Flowers large, double, and of a rich saffron color	5c
<i>New Miniature</i> . A charming, dwarf growing variety; the flowers are small, single, and of a bright golden yellow in color.....	10c
<i>Mammoth Russian</i> . The largest of all, and producing the most seed. Qt. 20c.....	5c

Hibiscus.—Showy, ornamental plants, growing to the height of four feet; fine for mixed beds or shrubbery borders, *Chrysanthia* (New Imperial Hibiscus). The flowers of this charming variety measure from five to seven inches in diameter, and are indescribably rich and glowing in tone, of a beautiful golden yellow, with a black center; the flower has such a peculiar beauty, combined with its great size, that it catches every eye to a greater extent than most any other flower. Per pkt. 10c.

Ice Plant (*Mesembryanthemum*).—A fine dwarf trailing plant of great beauty, blooming the whole summer, thriving best in a dry, loamy or sandy soil. *Chrystallinum*, flowers white, prized for its singular icy foliage. Per pkt. 5c.

Linum (Flax).—One of the most effective and showy bedding plants, of long duration, having fine foliage and delicate stems.

	Per Pkt.
<i>Coccineum</i> . Brilliant scarlet	5c
<i>Flavum</i> . Golden yellow	5c

Lipinus (Sun Dials).—Ornamental, free flowering, easily grown garden plants, with long graceful spikes of rich and varied colored pea-shaped flowers. Valuable for mixed beds or borders.

Mixed, all colors, pkt. 5c.

Lobelia.—These beautiful dwarf trailing little plants will be found most useful for pot culture, edgings, hanging baskets and borders. They bloom profusely from June to November.

Lipinus.

	Per Pkt.
<i>Erinus Speciosa</i> . Flowers a beautiful ultramarine blue.....	10c
<i>Erinus Speciosa Alba</i> . Showy white flowers, of a spreading habit.....	10c
<i>Mixed</i> , all the above.....	10c

Larkspur (*Delphinium*).—One of the most showy and useful plants, possessing almost every requisite for the adornment of a garden. They produce splendid spikes of flowers in profusion throughout the summer. Sow seed in autumn or very early in the spring.

	Per Pkt.
<i>Double Dwarf Rocket</i> , finest mixed.....	5c
<i>Tall Rocket</i> , double mixed.....	5c

Mignonette.—A well-known, fragrant favorite. If the plants are thinned out they will grow stronger and produce larger spikes of flowers; fine for pot or garden culture, and can be had during the whole year by sowing at intervals.

	Per Pkt.
<i>Oderata</i> , the old variety with small spikes, very sweet scented.....	5c
<i>Machet</i> , well adapted for pot culture, dwarf, pyramidal growth, bearing numerous flower stalks.....	10c
<i>Golden Queen</i> , a very attractive variety, forming a dense pyramid and throwing up numerous flower stalks, terminating in spikes of golden yellow	10c
<i>Hybrid Spiral</i> , of dwarf branching habit, with spikes from eight to ten inches long and very fragrant	10c

New Giant Flowered Red.—This splendid new Mignonette is the result of careful selection from the Machet, from which it is entirely distinct in its rich, red color. The plants are of pyramidal form and elegant appearance, grow compactly and vigorously twelve to sixteen inches, and are very abundant in bloom. The flower spikes are of the largest size, and the single blossoms are of a striking red color, pkt. 10c.

Flarigold.—A well known free flowering plant, of easy culture, with rich and beautiful various-colored flowers. The African is the best for large beds, the French for small beds or foreground for larger ones.

	Per Pkt.
<i>Large African</i> , double, orange, brown and yellow, 5c	
<i>Dwarf French</i> , fine colors, mixed, very double ..	5c

Marvel of Peru.—The well known Four O'clock. A handsome, free flowering garden favorite, blooming all summer. *Mixed*, all colors, pkt. 5c.

Marvel of Peru.

Mimulus.

Mimulus.—Showy, profuse flowering plants, comprising numerous varieties with white, sulphur and yellow grounds, spotted with crimson, scarlet and pink. Best for moist, shady situations.

	Per Pkt.
<i>Tigrinus</i> (Monkey Flower), the finest tigered and spotted varieties, rivalling the <i>calceolaria</i> in its brightness, mixed colors	5c
<i>Moschatus</i> (Musk Plant), fine for hanging baskets, etc., small yellow flowers, and musk-scented leaves	5c

Forget-Me-Not.

Myosotis. (Forget-Me-Not.)—Neat and beautiful plants with star-like flowers, succeed best in moist situations.

	Per Pkt.
<i>Palustris Semperflorens</i> , a charming, dwarf forget-me-not, thriving equally well in sun or shade, blooming from early spring until late in autumn, beautiful blue flowers	10c
<i>Palustris</i> , the true forget-me-not, beautiful blue flowers	5c

Nigelia. (Love in a Mist, or Devil in a Bush.)—A compact, free growing plant with finely cut foliage, curious looking flowers and seed pods. Of easy culture, growing in any garden soil. *Damascena*, blue and white mixed, pkt. 5c.

Nicotiana.—A very ornamental, large flowering species of tobacco. It produces splendid, bluish white flowers on long terminal tubes. When its large flowers are fully expanded in the evening and early morning it has a most striking effect, and so fragrant that a small bed will perfume the whole surrounding atmosphere. *Affinis*, pkt. 10c.

Nigelia.

NASTURTIIUM.

(Tom Thumb Varieties.)

Nasturtium.

The dwarf varieties are all desirable, and are among the most popular plants, standing any amount of heat and drouth, growing vigorously and flowering freely all summer and fall.

	Per Pkt.
<i>Crystal Palace Gem</i> , sulphur-colored flowers with dark red spots near the base of each petal, ounce 25c,	5c
<i>Cloth of Gold</i> , foliage bright golden yellow, flowers scarlet, ounce 25c,	5c
<i>Lady Bird</i> , golden yellow with ruby crimson, ounce 25c,	5c
<i>King of Tom Thumbs</i> , intense scarlet, ounce 25c,	5c
<i>Ruby King</i> , pink, shaded maroon, ounce 25c,	5c
<i>Empress of India</i> , flowers of rich, brilliant crimson, one of the very best in color and form, ounce 25c,	5c
<i>Pearl</i> , straw color, fine for contrast, ounce 25c,	5c
One packet of each of the above seven varieties,	25c
<i>Mixed</i> , all colors, ounce 20c,	5c

POPPIES.

Showy and easily cultivated annuals, with large, brilliant colored flowers, growing freely in any garden soil, and producing a fine effect in large clumps or mixed beds. Sow early in spring where they are to remain, as they will not bear transplanting.

Shirley Poppies.

- Shirley Poppies.* These charming Poppies are generally single or semi-double. The range of color, extending from pure white through the most delicate shades of pale pink, rose and carmine to deepest crimson, is so varied that scarcely two are alike, while many are delicately edged and striped. 10c
- Crimson King.* Brilliant crimson flowers, perfectly double, and round as a ball. A charming effect can be made by sowing this variety and Snowdrift together. 10c
- Snowdrift.* Flowers pure snow white, very double, of large size and perfectly round. This is the very best double white variety yet offered 10c

Fairy Blush Poppy.

- Fairy Blush.* Very double flower of a pure white color, elegantly fringed and tipped with rose, while a light shading of lemon at the base of the central petal gives the flowers an appearance of great depth 10c
- Danebrog.* A very desirable and showy novelty, producing large single flowers of a brilliant scarlet, with a large silvery white spot on each petal, thus forming a white cross 10c
- Carnation Flowered.* Splendid double fringed flowers. Mixed colors. 5c
- Golden Gate Poppies.* Recall to mind every color you have ever seen in Poppies, then imagine every imaginable combination of colors—striped, blotched, edged, and bordered, on single, semi-double, and double flowers—and you will have but a faint idea of the wondrously varied beauty of the new Golden Gate Poppies. Three pkts for 25c. 10c

American Flag Poppy.

- New Double Poppy—American Flag.* This plant is a remarkable strong grower, well branched, flower extra large, very double, snow-white, with each petal bordered with Scarlet. The foliage is a beautiful bluish green, which combination of color suggested the name. The terminal point has a wider band than the sides, making it extremely showy and distinct from all others. 3 pkts 25c, 10c
- New Tulip Poppy.* Grows to a height of from 12 to 14 inches, and produces, well above the foliage, 50 to 60 large and splendid flowers of the most vivid scarlet imaginable. Sown where the plants are to bloom, the minute seed lies several weeks before germinating. 10c

White Swan Poppy.

- White Swan.* One of the most showy Poppies introduced for years. The plants grow about 18 inches high, crowned with the purest snow-white double flowers of enormous size and perfect form. This is a very showy sort and will please you ..... 3 pkts 25c, 10c

PHLOX DRUMMONDI (Grandiflora).

Phlox Drummondii.

Phlox, Starred & Fringed.

An indispensable, constant blooming favorite, which should occupy a prominent place in every

garden for clumps or masses. The Grandiflora is an improvement on the old varieties in stronger and more compact growth, and larger flowers, and whiter center, admirably relieved by a dark violet eye.

	Per Pkt.
<i>Alba Pura</i> . Pure white.....	10c
<i>Carminae Alba Oculata</i> . Rosy carmine, white eyes	10c
<i>Coccinea</i> . Rich, brilliant scarlet.....	10c
<i>Kermisina Striata</i> . Crimson, striped white.....	10c
<i>Stellata Splendens</i> . Vivid crimson, with a clearly defined white star; very effective	10c
<i>Mixed</i> . All the Grandiflora varieties	10c
<i>Drummondii</i> . Mixed all colors	5c

Starred and Fringed. These starred and Fringed Phloxes are really entitled to rank as a new race, and most striking novelties in Phloxes ever introduced .....

10c

PETUNIA.

For outdoor decorations or house culture, few plants are equal to this class. They commence flowering early and continue a mass of bloom throughout the whole season until killed by the frost. Easily cultivated, requiring rich soil and a sunny situation. Of late years the single varieties have been greatly improved. They are particularly showy in large beds or masses.

	Per Pkt.
<i>Double Large Flowering</i> . Very fine mixture.....	25c
<i>Single Fringed</i> . Beautiful mixture.....	25c
<i>Single</i> . Fine mixed	5c
<i>New Dwarf Inimitable</i> . A dwarf variety, forming a compact little plant, five to eight inches in height, by as much in diameter, covered with regularly striped flowers	10c
<i>Blue Veins, Fringed</i> . Elegant flowers, deeply fringed, of various shades of purple, rose, and lavender, delicately penciled and veined.....	10c

PANSIES.

This attractive plant is too well known to require any description, as it is a favorite with all. The best plants are obtained from seed sown in autumn and protected in winter; these flower early in the spring. The plants from spring-sown seed should be planted in a shady border; they produce fine, large flowers in autumn. Pansies require fresh soil, well enriched with decomposed manure.

Per Pkt.

<i>Ritter's Mammoth Pansies</i> . This strain can not be surpassed for brilliancy of colors, embracing all the fancy spotted and striped and self colors. They rival anything hitherto introduced, while their profusion of bloom is simply wonderful. The flowers, which are of most perfect form and circular shape, often measure three inches or more across. The plant is of bushy and compact habit. It is one of the finest strains of Mammoth Pansies in existence. 5 pkt. \$1 ..	25c
<i>Finest, German Mixed</i>	15c
<i>Extra Fine Mixed</i>	10c
<i>Choice Mixed</i>	5c
1. <i>Yellow Gem</i> . Pure yellow, without eye.....	10c
2. <i>Snow Queen</i> . Flowers a delicate, pure, satiny white	10c
3. <i>Lord Beaconsfield</i> . Flowers deep purple violet, shading to white on the upper petals	10c

	Per Pkt.
4. <i>Odier</i> (Five blotched). A splendid strain of various colored, large, perfect-formed flowers, with dark spots on each petal	10c
5. <i>Trimardeau</i> . Each flower is marked with three large blotches or spots. A variety of beautiful shades	10c
6. <i>Gold Margined</i> . All colors.....	10c
7. <i>Dark Mahogany with White Margin</i> . The darkest mahogany, with a CLEAR-CUT edge of pure white	10c

8. *Dark Mahogany with Yellow Margin* ..... Per Pkt. 10c
 9. *Black Prince*. Magnificent flowers, considerably larger in size than King of the Blacks, of much greater substance, and quite distinct in color 10c
 10. *Crown Prince*. Flowers of rare beauty, of a deep, velvety black, with well-defined rich golden bronze face 10c

Portulaca.—One of our finest hardy annual plants, of easy culture, thriving best in rich light loam or sandy soil and an exposed, sunny situation. The single varieties are large and brilliant, of the richest shade of color, and producing throughout the summer in great profusion. Fine for massing in beds, edgings, or rock work. Per Pkt.

- Finest Single Mixed*. Many beautiful shades 5c
Double Rose-Flowered. A perfect double variety, as much so as the most perfect rose 10c

Schizanthus (Butterfly Flowers).—A splendid class of plants, combining elegance of growth with a profusion of rich and various colored flowers; fine for greenhouse decoration and the flower garden. Of easy culture. Mixed, all colors, per pkt. 5c.

Silene (Catchfly).—An easy growing, free flowering plant producing deep umbels of white, red, rose, Pink-like blossoms. The plant is covered with a glutinous moisture, from which the flies can not disengage themselves, hence the name "Catchfly." *Armeria*. Mixed colors. Per pkt. 5c.

Sedum (Stone Drops).—A very pretty and useful little plant, growing freely on rock or rustic work, hanging-baskets, etc. During the summer they expand their brilliant, star-shaped flowers in profusion. Mixed, per.pkt. 5c.

Salvia (Flowering Sage).—This *Salvia* is a very ornamental plant, flowering in large spikes and continuing to bloom in the open ground until frost, when the plants can be removed to the house, and will continue to bloom a long time. *Splendens*. Most gorgeous plants, with spikes of intensely vivid scarlet flowers. They continue to bloom most profusely until killed by frost. Should be in every garden. Per pkt. 10c.

SCABIOSA (Mourning Bride).

One of our handsomest summer border plants, producing in profusion very double flowers in a variety of shades and colors. A splendid flower for table bouquets.

Scabiosa—Snowball.

- Dwarf Mixed*. All colors, double ..... Per Pkt. 5c
Tall Mixed. Double, colors mixed 5c
Snowball. The flowers of this new variety are large, full two inches in diameter of purest snow-white. Very double, forming almost a complete globe. One of the most desirable white flowers for bouquets 10c
New Golden Yellow. This color has long been desired in the *Scabiosa* family, and is now obtained after years of selection. The flowers are double, of a fine pure yellow color, and are charming for bouquets 10c
Salpigiosis (Velvet Flower).—Very showy bedding or border plants, with richly colored, erect, funnel-shaped flowers. The colors are beautiful marbled and penciled purple, scarlet, crimson, yellow, blue, and almost black. Suitable for greenhouse or garden. Mixed, choice colors, pkt. 5c.

STOCKS.

Stocks.

Verbena.

The Stock is one of the most popular plants, either for bedding, massing or pot culture, for brilliancy and diversity of color or profusion of bloom and the duration of its flowers. The Ten Weeks are generally cultivated, and grow from six to eighteen inches high; and when grown in light, rich soil and occasionally watered with weak manure water, they bear an immense quantity of bloom, so that each plant forms a perfect bouquet of delightful fragrance. For early flowering start the seeds in hotbeds and plant in the ground in May.

- Per Pkt.
Largest Flowering Dwarf. A plant of dwarf habit with magnificent large spikes of very large double flowers, all colors mixed 10c
Dwarf Ten Weeks, pure white 10c
Dwarf Ten Weeks, brilliant rose 10c
Dwarf Ten Weeks, crimson 10c
Dwarf Ten Weeks, all colors mixed 10c

VERBENA HYBRIDA.

An indispensable bedding plant. Though they are half hardy perennials they are generally treated as annuals. They bloom the first year from seed, and bear bright flowers of many different shades. They often have a sweet fragrance, and are neat in habit. If the flowers are cut as soon as they begin to fade, they will bloom until killed by frost.

- Per Pkt.
Candidissima, a decided improvement, producing large trusses of the purest white flowers 10c
Defiance, intense scarlet 10c
Italian Striped, inclined to sport 10c
Fine Mixed 5c
New Mammoth Mixed, see Novelties.

Sensitive Plant. (*Mimosa*).—A really pretty plant, and affords a great deal of amusement. The leaves close and drop when touched or shaken. *Pudica*, pkt. 5c.

Stevia.—Free blooming plants bearing a multitude of fragrant flowers, suitable for summer or winter blooming. Most excellent for bouquets. *Serrata*, pure white, pkt. 10c.

Vinca. (*Periwinkle*).—A genus of ornamental and free blooming plants. They flower from seed the first season if sown early, and continue in bloom until frost; or they may be potted and kept in bloom in the house during the winter.

Per Pkt.

Rosea, rose, with dark eye..... 10c
Alba, white, with crimson eye..... 10c
Alba Pura, beautiful, pure white..... 10c
Mixed, all colors..... 10c

Whitlavia.—Charming plants, with delicate foliage and clusters of beautiful bell-shaped flowers. Fine for ribboning, mixed borders or shady spots, growing freely in any good garden soil, also good for baskets, vases, etc.

Per Pkt.

Grandiflora, large, violet blue..... 5c
Gloxiniodes, gloxinia-like flowers, pure white and delicate blue lips..... 5c

ZINNIAS (Youth and Old Age).

Double Zinnias are an acquisition to our list of garden favorites. Of branching habit and splendid brilliant colored flowers, rivalling the Dahlia in beauty and form. The seed can be sown early in hotbeds or later in the open ground.

Per Pkt.

Giant Mammoth, of unusually robust habit of growth and immense size; the perfectly framed, very double flowers are of various striking colors..... 10c

Zinnias.

Double Lilliput, dwarf, compact bushes, bearing very small, perfectly double, pompon shaped flowers of the brightest colors, which profusely cover the plants during the entire summer and until frost sets in..... 10c

Dwarf Snowball, very handsome, dwarf, bushy plants; the large Dahlia-like flowers are always perfectly double and of the purest snow white. 10c

Dwarf Fireball, (*Zinnia Pumila Coccinea Plena*.) exactly like the Snowball except that the very double flowers are of a dazzling fiery scarlet... 10c

Pompon, the florets are piled up in a symmetrical, smooth cone; the colors range from pure white, through creams and buffs, to a clear chrome yellow..... 10c

Striped Zebra, double flowers distinctly striped, but only a small percentage come true..... 10c

Choice Double, mixed, all colors..... 5c

Mixed Varieties..... 5c

Mexicana, small, single yellow flowers..... 10c

Tenuiflora, of dwarf habit, a good grower succeeding everywhere, and desirable as a border plant; sown where they are to bloom, in rows, they make a striking effect; the plants bear upright, small, single, dark carmine flowers in profusion..... 10c

Haageana Flora Plena, of elegant habit, making a circular bush 2½ feet in diameter and only 18 inches high, almost entirely covered with small, perfectly double flower, of an intensely rich orange yellow, keeping its color when dried as a winter flower..... 10c

HARDY PERENNIALS.

FLOWERING THE SECOND SEASON.

In this list are offered only such hardy plants as live in the ground over winter, and bloom profusely every year after the first. The fact that they do not bloom the first year should not deter any one from planting them, for they are among the very best of all garden flowers, and require the least care and attention. They mostly bloom early, when there are no other flowers. What could we do without Aquilegias, Delphiniums, Digitalis, Hollyhocks, Picotees, Sweet Williams, etc.? A garden would seem no garden at all without a good variety of Hardy Perennials. Seed can be sown in the open ground from May to middle of July. Sow a good collection of these seeds this spring, and you will ever after thank yourself for it.

ADONIS (Floss Adonis).—A magnificent plant, producing in early spring large flowers which are exceedingly showy. It should be more generally grown, as it blooms at a time when such bright flowers are always greatly appreciated. *Vernalis*. Bright yellow flowers. Per pkt. 5c.

ARMERIA (Thrift).—A very pretty edging plant, bearing large tufts of rosy pink flowers. *Elegans*. Per pkt. 10c.

ALYSSUM.—Similar to the Sweet Alyssum in form of flower, but blooms very early in spring and is very showy. *Saxatile*. Golden yellow; fine. Pkt. 5c.

ANEMONE.—A very pleasing bulbous rooted plant, easily grown from seed, producing large flowers early in the spring, when few plants can compare with them in beauty and brilliancy. Fine for bouquets. *Coronaria mixed*. Scarlet, purple, blue, white and striped. Per pkt. 10c.

AQUILEGIA (Columbine).—The well-known Columbines are very showy flowers, that are always

greatly admired. They bloom early in the summer, and produce beautiful and curiously formed flowers, that bloom a long time.

Per Pkt.

Crysanth (Golden Spurreed.) A strong grower, forming bushy plants three feet high, bearing all through the season an abundance of golden yellow flowers..... 10c

Coerulea. Very large violet blue flowers, inner petals white..... 10c

Crysanth Alba. Flowers of large size, pure snow white, with long spurs of elegant shape and borne in lavish quantity..... 10c

Skinneri. Bright scarlet and yellow; blooms early in spring..... 10c

CAMPANULA (Canterbury Bells).—Well known, beautiful, hardy, herbaceous plants, bearing a great profusion of attractive bell flowers, thriving best in light rich soil; some of the varieties flower the first season if planted early.

Media, single mixed. Beautiful large bell-shaped flowers 5c
Media Calycanthema. This is the finest variety of Campanula producing white and blue flowers resembling cup and saucer 10c

COREOPSIS LANCEOLATA.

Coreopsis Lanceolata.

One of the most valuable of our summer flowering herbaceous plants. The flowers are bright golden yellow, beautifully fringed, and are produced freely all summer and until late in the fall. When grown in a mass the effect is charming. Excellent for cutting, lasting well and making up gracefully in bouquets. Sown early it will flower the first season. Pkt. 10c.

CARNATIONS.—The most magnificent of the Dianthus family. Flowers large, beautiful and delightfully fragrant; a rival of the rose. There is no flower more desirable for the garden or for pot culture than the carnation. Seed may be sown under glass in the spring, or in the open ground, and the second summer they will flower. Seed will not all produce double flowers, some will prove single, others semi-double, and these can be pulled out as they show flower. Young plants are not perfectly hardy, and should be protected during the winter, but when old they are perfectly hardy.

Finest German, extra fine, double mixed, saved from choicest named flowers 25c
Choice Double Mixed, very good 10c

CHRYSANTHEMUMS. (Fancy Perennial Varieties.)—It is not generally known that the fine varieties of this queen of flowers are quite easily grown from seed. The seed sown in the spring will produce plants that will bloom freely in the fall. The seed we offer has been saved from the finest varieties in cultivation. Per pkt 25c, three pkts. 60c.

Fox Glove.

DIGITALIS, Fox Glove.—The well known Fox Gloves are one of the finest of June flowers, of handsome and stately growth, fine for shrubbery or half-shaded places. *Gloxinaeflora*, gloxinia shaped flowers, all colors mixed, pkt. 5c.

EVENING PRIMROSE. (*Oenothera*.)—A lovely garden plant with large, fragrant, snowy flower, blooms the first season from seed. *Lamarckiana*, rich, canary yellow, a large and magnificent flower... 10c

Gaillardia.

GAILLARDIA, Blanket Flowers.—These are undoubtedly among the choicest of hardy perennials. The flowers are large, very numerous, excellent for cutting, and of the most brilliant shades of orange, crimson, scarlet and vermillion, and very often a combination of these three colors in one flower. *Grandiflora*, all colors mixed, pkt. 10c.

GLADIOLUS.—The culture of Gladiolus from seed is quite easy and interesting. They bloom the second and third year. *Extra Fine Mixed*, pkt. 10c.

GEUM.—Beautiful plants bearing profusely large, showy flowers all through the summer. An elegant flower for bouquets. *Atrococcineum*, scarlet, single and double, pkt. 10c.

HONESTY.—Early summer flowering plant, admired for its silvery seed pods which are used for house ornaments, as they present a beautiful and rather curious appearance. *Biennis*, pkt. 10c.

IBERIS.—A beautiful hardy Candytuft, which during June is a perfect mass of snow white flowers. *Sempervirens*, pure white, pkt. 10c.

KENILWORTH IVY.—A charming, small, neat, hardy trailing plant, suitable for baskets, vases, pots and rock work. *Linaria Cymbalaria*, lavender and purple flowers, pkt. 10c.

LYCHNIS.—Handsome plants of very easy culture, growing in any rich garden soil; for massing in beds and borders, blooming the first year from seed if sown early.

Chalcedonica, fine scarlet flowers, ... 5c
Viscaria, beautiful crimson flowers, blooming early in spring, its flowers appear in clusters borne on long graceful stems, and make a magnificent show 5c

PENSTEMON.—One of the most beautiful and attractive herbaceous plants, bearing long, graceful spikes of rich colored flowers. Will bloom the first year if sown early in March and planted out in May. *Mixed*, crimson, purple, etc., pkt. 10c.

HOLLYHOCKS.—This splendid plant, from its stately growth and the varied colors of its magnificent large spikes of flowers, may justly claim a place in every garden or pleasure ground. Our seed has all been saved from the best named varieties. Seed sown in June and July will flower the following summer.

Hollyhocks.

	Per Pkt.
<i>Double White</i> , extra strain of perfectly double, pure white flowers, ounce \$1.25.....	10c
<i>Double Yellow</i> , comprising the buff, straw and orange shades	10c
<i>Double Red</i> , very fine.....	10c
<i>Double Pink</i> , beautiful shade.....	10c
<i>Extra Choice Double Mixed</i>	10c

PHLOX (Hardy Perennial Varieties).—Magnificent flowering plants for permanent beds or borders, bearing immense heads of large waxy flowers of lovely shades of color. They will bloom the first summer if sown early in the spring. The seed we offer has been saved from a fine collection of named varieties. *Decussata*. Mixed colors. Per pkt. 10c.

PLATYCODON (*Wahlenbergia*).—A hardy perennial plant from Japan which produces all summer an abundance of star-shaped flowers, three inches across, of beautiful blue and white colors. It is perfectly hardy and will last a long time, the plants increasing in size. *Grandiflora*. Mixed blue and white. Per pkt. 10.

POPPY.—The hardy Poppies are among the showiest plants. Flowers of very large size and brilliant colors.

	Per Pkt.
<i>Oriente</i> . Deep scarlet; a dark purple spot at the base of each petal	10c
<i>Iceland Poppies</i> . These beautiful Poppies produce flowers in great abundance the first year from seed. The colors range from the purest white and yellow to the deepest glowing orange scarlet, and have a delicate fragrance. The profusion of flowers which they produce is simply wonderful. Mixed colors.....	10c

PYRETHRUM.

Handsome herbaceous plants of easy culture, valuable for margins, beds, etc. Sow from December to April in a temperature of sixty degrees and transplant when large to the open ground.

Aureum (Golden Feather). An ornamental golden yellow foliage plant, for ribbon gardening. Per pkt. 10c.

Hybridum. A fine variety, bearing large aster shaped flowers, which continue in bloom from May until killed by frost. The flowers range in color from light pink to deep red with bright yellow centers. Mixed colors. Pkt. 10c.

Pyrethrum.

VALERIANA (*Hardy Heliotrope*).—Very showy border plants, or for mixing with shrubbery, growing in any garden soil, doing well in the shade, producing large coccinibeds of flowers. Mixed, bright red and white, per pkt. 5c.

VIOLET. *Viola Oderata*.—Well-known, fragrant, early spring blooming plants, thriving best in the summer in a shady situation, in a rich, deep soil. Extensively used by florists for forcing, for cut flowers, during the fall and winter months.

	Per Pkt.
<i>Single Blue</i> , very sweet scented blue flowers.....	10c
<i>Single White</i> , very fragrant and free flowering ...	10c

SWEET WILLIAMS (*Dianthus Barbatus*).—A well known, attractive, free flowering plant, which has been greatly improved of late years, producing a splendid effect, in beds and among shrubbery, with their rich and varied colors.

	Per Pkt.
<i>Mixed</i> , single, all colors	5c
<i>Double</i> . The finest colors saved from a splendid double collection	10c

Wallflower.

WALLFLOWER.—Well known, deliciously fragrant garden plants, blooming early in spring, with large, conspicuous spikes of beautiful flowers. They should be protected in a cold frame in winter and planted out in May.

	Per Pkt.
<i>Single Mixed</i> , all colors..	5c
<i>Finest Double Mixed</i> , all colors	10c

YUCCA, Adam's Needle.

A splendid plant with large clusters of creamy white, tulip-like flowers on tall stems. *Filamentosa*, white, pkt. 5c.

CHOICE SEEDS FOR GREEN-HOUSE OR WINDOW CULTURE.

ABUTILON.—Handsome, shrubby, greenhouse plants, of strong growth and easy culture, freely flowering with various colored, beautiful, drooping, bell-shaped flowers. Fine mixed, of choice varieties and colors, per pkt. 15c.

BEGONIA.—These continue year by year to increase in popular favor, and are now considered fore-

most among flowering plants for pots or bedding. For brilliancy and variety of color there is nothing to equal them.

	Per Pkt.
<i>Tuberous Rooted</i> . Extra fine single mixed	15c
<i>Tuberous Rooted</i> . Double flowering.....	25c
<i>New Everblooming "Vernon"</i>	15c

CALCEOLARIA.—An ornamental plant, producing a mass of beautiful pocket-like flowers early in the spring, and a universal favorite for decorating the greenhouse. *Hybrida Grandiflora*. Tall mixed. Per pkt, 25c.

CINERARIA.—A favorite, attractive, free flowering plant, blooming during the winter and spring months. Per Pkt.

Hybrida. Tall mixed..... 25c
Dwarf Mixed. Fine colors 25c

CYCLAMEN.—Charming bulbous rooted plants, with beautiful foliage and rich colored, orchid-like flowers. Favorites for winter and spring blooming. Per Pkt.

Persicum. All colors mixed..... 25c
Giganteum. Mixed, rich colors..... 25c

CENTAUREA.—Fine for bedding, vases, hanging-baskets, and pots; also extensively used for margins. Sow the seed from December to April. Per Pkt.

Gymnocarpa. Very graceful, fine cut, silvery gray foliage..... 10c
Candidissima. Splendid silvery broad, cut leaves. 10c

CUPHEA (Lady's Cigar Plant).—A very free flowering plant, bearing tubular flowers of a bright red color. *Grandiflora Superba*. Per pkt. 10c.

FUCHSIA (Lady's Ear-Drop).—A well known plant, of easy culture, for the house or shady situations in the garden. Mixed, single and double varieties. Per pkt. 25c.

FREESIA.—Very easily grown bulbs, which can be readily produced from seed. The flowers are pure white, with yellow throat, and are exquisitely fragrant. *Refracta Alba*. Per pkt. 10c.

GLOXINIA.—A bulbous rooted plant, producing in great profusion during the summer months large, bell-shaped flowers of the richest and most beautiful variety of brilliant colors. The bulbs should be kept warm and dry during winter. *Grandiflora*. Mixed colors. Per pkt. 25c.

LANTANA.—A very desirable greenhouse or bedding plant; constantly in bloom; Verbena-like heads of flowers, changing in hue. Mixed colors, pkt. 10c.

GERANIUM.—These favorite plants are easily grown from seed, which will frequently reward the cultivator with charming new varieties.

SEEDS OF ORNAMENTAL CLIMBERS.

ADLUMIA, Allegheny Vine.—An attractive and beautiful biennial climber, flowering the first season. Of graceful habit and pale green, delicate foliage. *Cirrhusa*, clusters of small, rosy lilac flowers, pkt. 10c.

Ampelopsis, Japanese Ivy.—A hardy perennial climber, a species of the Woodbine from Japan, with olive-green leaves which turn to scarlet in autumn. Will cling to brick or stone walls. *Veitchii*, pkt. 10c.

ARISTOLOCHIA.—*Sipho* (Dutchman's Pipe.) A rapid growing climber, with large heart shaped leaves, and very curious flowers, resembling a pipe, and of a brownish purple color, pkt. 10c.

BALLOON VINE, Love in a Puff.—A rapid growing vine, succeeds best in a light soil and warm situation, has small, white flowers, which are followed by seed vessels shaped like small balloons. *Cardiospermum Halicacabum*, pkt. 5c.

BRYONOPSIS.—A beautiful plant of the gourd species, with ivy-like pale green foliage and showy scarlet fruit, striped with white. *Licinioides Erythrocarpa*, pkt. 5c.

Zonale. A fine strain of the largest and finest varieties. Mixed colors..... 10c
Apple Scented 25c

HELIOTROPE.—A fine shrubby plant, flowering during the whole season. Its delightful perfume makes it a most desirable bouquet flower. A splendid bedding plant, and can be trained in the greenhouse as a climber. Seed sown in spring makes fine plants for summer blooming. Mixed colors, pkt. 10c.

MAURANDIA.—Beautiful, rapid, slender growing plants, blooming profusely until late in autumn; also fine for conservatory or the house. If desired for the house, take up before frost. Per Pkt.

Barclayana. Purple 10c
Albaflora. White..... 10c
Rosea. Dark rose..... 10c
Mixed. All colors 10c

PRIMULA SINENSIS FIMBRIATA (Fringed Chinese Primrose).—The Chinese Primrose is the most beautiful and satisfactory of all house plants for winter blooming, and is as easily grown as a Geranium. It is never attacked by insects, and will even thrive in a window where there is but little sun and where few other plants would bloom. Seed sown from April to July will produce plants that will flower most profusely throughout the following winter. All colors, from pure white, lilac, rose, through many shades of scarlet and carmine, striped and spotted, and the lovely new blue Primula,—all beautifully fringed, while the handsome foliage displays the flowers to the best advantage. Per Pkt.

Alba Magnifica. Flowers, borne in large trusses well above the foliage, are pure white, with large, bright yellow eye..... 25c
Bright Red (Coccinea). A very brilliant color... 25c
Kermesina Splendens. Splendid crimson 25c
Splendid Mixed Large Flowering..... 20c
Primula Obconica. A lovely and profuse blooming Primrose, bearing on long, slender stems, about nine inches in height, beautiful single flowers, white, shaded with a slight tinge of lilac 10c

SMILAX (Myrsiphyllum).—A beautiful and graceful tuberous rooted climber, none surpassing it for its glossy, deep green, wavy and most delicate foliage. Fine for vases and baskets. Per pkt. 10c.

CONVOLVULUS (Morning Glory).—One of the most free flowering, and rapid growing plants in cultivation, thriving in almost any situation; the beauty and delicacy of their brilliant flowers is unsurpassed. *Mixed*, all colors, ounce 15c, pkt. 5c.

COBAEA.—A climber of rapid growth flowering the first season if sown early in the hotbed or house. In sowing, place seed edgewise, and merely cover with light soil. *Scandens*, large, bell-shaped purple flowers, pkt. 10c.

CYPRESS VINE.—One of our most popular vines, with very delicate fern like foliage, and masses of beautiful, small star-like flowers. *Mixed*, scarlet and white, pkt. 5c.

CANARY BIRD VINE.—A very ornamental climber, with beautiful yellow-fringed flowers and finely divided leaves. Pkt. 5c.

HYACINTH BEAN.—A rapid growing plant, flowering freely in clusters, fine for covering arbors, trellises, etc. Sow seed in the garden, where it is to remain. *Dotichos*, mixed, pkt. 5c.

CENTROSEMA GRANDIFLORA.

A perfectly hardy vine of rare and exquisite beauty, which from seed sown in April, even in the poorest soil, will thrive from early June until cut down by frost, and produce in the greatest profusion large clusters of inverted pea-

shaped flowers, delightfully fragrant, one and a half to two and a half inches in diameter, and ranging in color from rosy violet to redish purple, with bright, feathered markings through the center. As the seed germinates slowly we advise soaking it in warm water over night before planting. Pkt. 10c, three pkts. 25c.

PASSAFLOA (Passion Vine).—Indispensable climbing plants for the garden or house, bearing a profusion of attractive flowers.

Incarnata. A hardy, perennial variety, requiring slight protection during winter. Flowers large, white and purple, flesh colored crown, ... 25c

Insignis. Remarkable for its magnificent flowers, which measure 6 to 8 inches across. Color crimson purple, filaments blue, mottled with white..... 25c

GOURDS.—Rapid-growing interesting plants with ornamental foliage and varieties of singular-shaped fruit.

	Per Pkt.
<i>Calabash, the dipper</i>	5c
<i>Hercules Club, club shaped, four feet long,</i>	5c
<i>Orange Shaped</i>	5c
<i>Bottle Shaped</i>	5c
<i>Pear Shaped, striped, very showy</i>	5c

Hen's Egg (Japanese Nest Egg). These exactly resemble in color, shape, and size a hen's egg. They do not crack, and are uninjured by cold or wet, and make the best of nest eggs..... 5c

Sugar Trough. This variety grows to a very large size, holding four to ten gallons each, have hard, thick shells, which are strong but light and durable, lasting many years. They are as easily grown as pumpkins, and are used for a variety of purposes, such as buckets, baskets, soap and salt dishes, nest boxes, etc..... 5c

Dish Cloth, or Bonnet Gourd. This remarkable Japanese gourd will not only shade your porch with its rapid-growing foliage and beautiful yellow flowers, but the mature fruit, with its peculiar lining, will furnish you a *Natural Dish Cloth*, sponge-like and porous, such as are sold in our prominent drug stores. Ladies prefer this dish cloth to any prepared by art. It will also make a neat and useful summer bonnet for ladies and children 10c

Mixed, all varieties .....

NEW YELLOW HYACINTH BEAN.—Erect racemes of bright yellow blooms, similar in shape to half-opened pea blossoms, form at every joint, and the leaves and stems are covered with downy grayish hairs producing a most novel effect. Pkt. 10c.

HUMULUS JAPONICA (Japan Hop).—Very hardy, withstanding heat, drouth and insects remarkably, one of the most rapid-growing ornamental climbers known; foliage dense, invaluable where a thick screen of foliage is needed. Pkt. 10c.

MOON FLOWER.—Most charming and popular blooming climbers. It is quite safe to say that in all the list of summer vines none equal Moon Flowers for rapid growth, quantity of flowers and showy effects, for covering walls or porches their beautiful, large moon-like flowers are seen to great advantage. Pkt. 10c.

MOMORDICA (Balsam Apple).—Very curious, vining plants with ornamental foliage, fruit golden yellow, warted, and when ripe opens, showing the seeds and its brilliant, carmine interior. Fine for rock work, stumps, etc. The fruits preserved in alcohol make a useful liniment. *Charantia*, pear-shaped fruit, pkt. 5c.

WILD CUCUMBER.

—The quickest climbers for arbors, trellises, fences, etc., known. Makes the most massive covering. It is an old friend with people in the country, but to city people it is little known, and those who are acquainted with it will agree with us when we say it is the quickest climber known, and it is undoubtedly the best climber for covering trellises, verandas, etc. Pkt. 5c.

SWEET PEAS.

Sweet Peas have in the past two years attained a wonderful popularity. Every flower lover delights in their graceful form, charming colors and exquisite fragrance. They are unsurpassed for cutting. The flowers are lively and delicate, varying in color from darkest purple to pure white, including the most delicate shades of pink, and are as fragrant as Mignonette. We have forty varieties, in which are included all the latest introductions. We send full directions for their culture with every order for Sweet Peas.

	Pkt.	Oz.
<i>Adonis.</i> Bright rosy carmine.....	5c	10c
<i>Apple Blossom.</i> The standards are bright rosy pink, the wings blush.....	5c	10c
<i>Borealon.</i> The standards are a rich, shining Bronze crimson, wings crimson purple shaded with rose.....	5c	10c
<i>Butterfly.</i> Large pointed flowers, shaded with pink and rose.....	5c	10c
<i>Grand Blue.</i> The wings are bright blue, slightly shaded with mauve.....	5c	15c
<i>Indigo King.</i> Dark maroon purple, with indigo blue wings.....	5c	10c
<i>Invincible Red Striped</i>	5c	10c
<i>Light Blue and Purple</i>	5c	10c
<i>Painted Lady</i> Pink and white, fine.....	5c	10c
<i>Princess of Wales.</i> Shaded and striped with mauve on a white ground.....	5c	15c
<i>Princess Beatrice.</i> Rich carmine rose, shaded with lighter and darker tints.....	5c	10c

	Pkt.	Oz.
<i>Purple Prince.</i> Purplish maroon standards, with blue wings.....	5c	15c
<i>Scarlet Invincible.</i> A beautiful, rich scarlet.....	5c	10c
<i>Scarlet Striped.</i> Has more white than the Invincible Red Striped.....	5c	10c
<i>Vesuvius.</i> Upper petals rose, shaded to a deeper hue, and spotted carmine; lower petals are clear blue.....	5c	10c
<i>Violet Queen.</i> The flowers range in color from deep mauve of the keel to light violet of the guard petals.....	5c	10c
<i>Waverly.</i> Standard light claret, wings rich purple.....	5c	10c
<i>Countess of Radnor.</i> Deep, dark maroon blossoms, shaded pink rose.....	5c	10c
<i>Delight.</i> Pure white wings, standard graded with cardinal, edge shining crimson.....	5c	10c
<i>Dutchess of Edinburg.</i> Standard light scarlet splashed with crimson, slightly margined at the edge with creamy white.....	5c	10c
<i>Empress of India.</i> Large pink and white flowers, clear rosy pink standard and white wings.....	5c	10c
<i>Invincible Carmine.</i> Intense, shining crimson scarlet, the most brilliant of all.....	5c	10c
<i>Isa Eckford.</i> Creamy white, suffused rosy pink.....	5c	10c
<i>Lottie Eckford.</i> Large creamy white flowers distinctly marked with a narrow edging of blue.....	5c	15c
<i>Miss Blanche Ferry.</i> Large pink and white flowers, like the ever popular Painted Lady, but it is very much more showy, and at least ten days earlier.....	5c	10c
<i>Mrs. Gladstone.</i> The most delicate shaded variety of all. On opening the flowers are buff and soft pink, changing to a beautiful pale blush.....	5c	15c
<i>Mrs. Sankey.</i> One of the best white in cultivation, remarkable for its pure white flower and large size.....	5c	15c
<i>Orange Prince.</i> Of rare beauty; bright orange pink, flushed scarlet, wings rich rose veined with pink.....	5c	15c
<i>Primrose.</i> Distinct as the nearest approach to yellow in Sweet Peas. Standard and wings of pale, primrose yellow.....	5c	15c
<i>Queen of the Isles.</i> Scarlet ground color, with white spikes; charmingly mottled and spiked with red, faintly tinted with light purple.....	5c	15c
<i>Splendor.</i> Most appropriately named. Superb rose-colored blossoms richly shaded with crimson.....	5c	10c
<i>Aeba Magnifica.</i> One of the best strains of pure white.....	5c	15c
<i>Captain Clark.</i> White, standard penciled and flushed with carmine, wings edged with blue.....	5c	15c
<i>Captain of the Blues.</i> Noble flower; standards purple mauve, wings pale blue.....	5c	15c
<i>Miss Hunt.</i> Delicate pale carmine, salmon stands, with soft pink wings; very beautiful.....	5c	15c
<i>Nellie Jaynes.</i> A fine pink and white variety. Very early.....	5c	10c
<i>The Queen.</i> A novel combination of colors, wings delicate mauve, standards soft pink.....	5c	10c
<i>The Senator.</i> Splendid, finely formed, large flowers, shaded chocolate and bright brown, and striped on a creamy white ground color, mottled and blotched in every conceivable manner.....	5c	10c
<i>Crown Princess of Prussia.</i> Bright blush, delicate shade.....	5c	10c

	Pkt.	Oz.
<i>Monarch.</i> Bronze wings, standards crimson and blue	5c	10c
<i>Ignea.</i> Fiery crimson-scarlet, slightly flushed with purple	5c	15c
<i>Fairy Queen.</i> White, flushed and feathered with pink	5c	10c

NEWEST VARIETIES.

American Belle. An entirely new and distinct variety. It is neither striped nor mottled, but distinctly spotted. The standard is clear, bright rose, of uniform coloring. The wings are of crystal white, with bright purplish carmine spots. The flowers are very large and finely formed, while the standard does not have that tendency to droop so common in other large varieties. Pkt. 10c, oz. 15c.

Emily Henderson. A grand new acquisition, of American origin. A sport from that splendid pink variety, "Blanche Ferry." Every meritorious quality which has given the latter its distinctive value, and made it famous with amateur and florist, has been reproduced in the Emily Henderson. It is absolutely pure white, as clear as alabaster, and glistening as satin. Pkt. 10c, oz. 15c.

Eckford's New "Blanche Burpee." The following is Mr. Eckford's own description of this new Sweet Pea, which he considers the finest of all the famous varieties that he has originated: "A white-seeded, pure white, of exquisite form and immense size, having a bold, rigid, upright, shell-shaped standard of great substance; is a wonderfully profuse bloomer, and absolutely free from the objectionable notch, so conspicuous in the Queen of England and Emily Henderson. It usually bears three flowers on a stem. A very chaste variety, and by far the finest Sweet Pea ever introduced." Per pkt. 25c, five pkts. for \$1.00.

SWEET PEAS IN MIXTURES.

Eckford's Gilt Edge Mixture. This is as fine a mixture as it is possible to make. It embraces all of Mr. Eckford's choicest varieties and latest novelties, besides a number of fine new seedlings not yet named, and will give great pleasure to all lovers of the finest Sweet Peas. Pkt. 10c, oz. 20c.

Eckford's Finest Mixture. This strain consists of a beautiful assortment of Mr. Eckford's newest Sweet Peas, and is made up of a mixture of all the varieties in the above list under the head of "Newest Varieties," except the newest varieties not yet named. Pkt. 5c, oz. 15c.

Cnoice Mixed. This is our own mixture, and is made of distinct named varieties, including many new ones. It will give the best of satisfaction. The price we offer it at is so low that every lover of Sweet Peas can plant an abundance. Per pkt. 5c, oz. 10c, lb. \$1.00.

TALL NASTURTIUM. (*Tropaeolum Majus.*)—Elegant, profuse-flowering plants for verandas, trellises, etc. The seed-pods can be gathered while green and tender, for pickling.

	Pkt.	Oz.
<i>Straw Color</i>	5c	20c
<i>Dunnet's Orange</i>	5c	20c
<i>Scarlet</i>	5c	20c
<i>Scarlet Striped</i>	5c	20c
<i>Crimson</i>	5c	20c
<i>Maroon</i>	5c	20c
<i>Light Yellow</i>	5c	20c
Collection of seven varieties, one pkt. of each, 25c		

THUNBERGIA.—Very elegant, slender-growing climbers, rapidly covering trellises, also useful for vases in the garden or house. Flowers beautiful and produced in great abundance. Colors white, light yellow and deep orange. *Mixed*, all colors, pkt. 10c.

SUMMER FLOWERING BULBS.

The bulbs generally known as summer flowering are those that will not stand freezing, and require to be taken up in the fall after early frosts, thoroughly dried, and put away in the cellar until spring. They require no more labor or care in their cultivation than potatoes. We have also included in this list several varieties of hardy bulbs, such as the Lilies, Pæonies, etc. These should remain in the ground after once being planted, as they improve each season if left undisturbed.

Amaryllis.

AMARYLLIS.—Plant in equal parts of sundy loam and leaf mold. When leaves appear water carefully and in not too great quantity. After they have bloomed, water should be gradually withheld until the tops are dry, then store away in a cool place, safe from frost, until the season arrives for starting them again.

	Each.
<i>Atamasco Rosea.</i> Pretty rose-colored, star-shaped flowers, bloom all summer. Per doz. 40c	5c
<i>Treator (Fairy Lily).</i> Pure white, fragrant. Per doz. 75c	10c
<i>Equestris.</i> Large, beautiful flowers, of a bright, salmon-pink with white throat. Per doz. \$3.00, 20c	
<i>Formosissima.</i> Rich velvety crimson, fine. Per doz. \$2.00	20c
<i>Johnsonii.</i> One of the finest, crimson, striped with white. Per doz. \$5.00	50c
<i>Belladonna Major.</i> Large trumpet-shape, dark rose and white. Per doz. \$2.50	25c
CRINUMS. — <i>Americanum.</i> The pure white crinum. The flowers of this stately sort are very fragrant. Strong flowering bulbs, each 20c, three for 50c.	

Kirkii. This magnificent bulb, which often attains the size of six to eight inches, produces flowers of the greatest beauty. Usually two flower-stalks of dark purplish color are sent up at the same time, each bearing a large umbel composed of a dozen or more enormous lily-like flowers of the greatest beauty and fragrance. The petals are broad and pure white, with a deep redish purple stripe through the center. Price, extra large bulbs 12 inches in circumference, \$1.00 each, first size 75c each, second size 50c each.

Cyclamen.

CYCLAMEN.—This well known plant is only adapted for house culture, but for winter flowering it has few superiors. Plant in rich, light soil and water sparingly until it begins vigorous growth, when it may be treated as other house plants. Each 20c, per doz. \$2.00.

BEGONIAS (Tuberous Rooted).—Of all introductions of recent years, none have been so heartily welcomed as the tuberous rooted Begonia, which has been brought to wonderful perfection. They will bloom throughout the summer, requiring no more care than a geranium.

Single. White, scarlet, pink and yellow. Per doz. \$1.50, one of each of the four colors 50c, each 15c.

Caladium.

May or earlier; they will quickly produce an unbroken row of elegant foliage and pretty flowers.

Oxalis Lassandria. Beautifully cut foliage, rosy-pink flowers, grows taller than Dieppi. 12 for 10c, 25 for 15c, 50 for 25c, 100 for 40c.

Oxalis Dieppi. Very handsome clover-like foliage, pure white flowers. 12 for 10c, 25 for 15c, 50 for 25c, 100 for 40c.

GLOXINIAS, Large Flowering Hybrids.—First-class bulbs in mixture, embracing all the best types and colors 25c each, 5 for \$1.00, 12 for \$2.00.

RICHARDIA ALBA MACULATA, Spotted Calla.—A plant belonging to the same order as the Calla Ethiopica, with beautiful spotted foliage. It flowers freely during the summer months. It is a deciduous plant, and should be kept dry in winter, and started in spring like a Dahlia. Strong flowering bulbs, 20c each, 3 for 50c.

BLACKBERRY LILY.

(*Pardanthus Chinensis.*)

A very beautiful, useful, herbaceous plant, with foliage very much resembling that of Iris, and is an equally useful and desirable plant for the borders and flower beds. The plants have branching flower-stems, which continue several weeks to produce a profusion of lily-like, orange-colored flowers spotted with purple. The flowers are followed by seed-

Blackberry Lily.

pods, which look exactly like large, luscious, ripe blackberries, whence its common name. Strong flowering roots, each 15c, four for 50c.

MADEIRA or Mignonette Vine.

A beautiful, rapid climber, with smooth, waxy, dark green leaves and dainty racemes of tiny, fragrant white flowers. Will grow in almost any situation. Not hardy. Three for 15c, 50c per doz.

GLADIOLUS.

The Gladiolus is the most showy of all summer flowering bulbs. In fact, no flower equals it for brilliant display; and none is more easily grown.

Gladiolus.

Gladiolus in Mixture.

	Each.	Doz.
All colors, very choice mixed	5c	30c
Scarlet and crimson mixed	5c	30c
White and light varieties	5c	50c
Yellow varieties, mixed	5c	50c
Pink varieties	5c	40c

Choice Named Varieties.

- Angele*. Large, showy, white flowers.
Brenchleyensis. Bright vermilion scarlet.
Cleopatra. Soft lilac, shaded violet, purple blotched.
Eugene Scribe. Flowers large and wide; rose blazed with carmine.
James Carter. Light orange red, pure white blotch.
Lord Byron. Brilliant scarlet, blotched white.
Mazeppa. Rosy orange, striped with carmine.
Prince of Wales. White and carmine rose.
Romulus. Dark red, lined and blotched with white.
 Any of the above 10c each, \$1.00 per doz.

Extra Named Varieties.

- Astree*. White, with velvet blotch; throat suffused lilac.
Conquette. Large cherry red flowers, shaded rose; white blotch.
Esmeralda. Ivory white, marked carmine; lemon yellow blotch.
Lanarck. Long spike; orange and cherry; large white stain.
Phæbus. Brilliant red; large white blotch.
Shakespeare. Flowers very large, color nearly white, tinted with carmine rose. One of the best.
Snow White. Nearly the entire flower is a perfect paper-white, with a slight creamy shade on the lower half of the lower petals; a faint line of purple extends about half way through the lower petal.
 Any of the above choice varieties 20c ea., \$2 doz.

LILIES.

No garden flower has so many distinct and beautiful varieties as the Lily, and most sorts are sufficiently hardy to be grown in the garden with a little protection during the winter. Their elegant habit of growth, and beauty and fragrance of flower, render them unequaled in borders and clumps.

Auratum. Immense white flowers, each petal marked with a wide gold band and spotted with maroon. Very free blooming. Fine bulbs, each 30c, per dozen \$3.00.

Candidum. The pure white garden or Easter Lily. Flowers snow-white, with heavy yellow stamens. Hardy and free blooming, bearing five to twenty blossoms. Plant early and leave them undisturbed. Each 15c, per doz. \$1.25.

Tigrinum (Single Tiger Lily). Orange salmon, spotted with black. Each 15c, per doz. \$1.50.

Tigrinum Flore Pleno (Double Tiger Lily). This variety is of stately habit, growing four to six feet high. Foliage dark green. Bears an immense number of double, bright orange red blossoms, spotted with black. Each 15c, per doz. \$1.50.

Speciosum Album. A lovely pure white Lily, with petals reflexed and slightly pink tinted at tips. It is perfectly hardy, and altogether one of the finest of the white varieties. Each 25c, per doz. \$2.50.

Speciosum Rubrum. White ground, with bands and spot of rose or crimson on each petal. One of the best of Lilies. Each 20c, per doz. \$2.00.

Elegans Erectum. Orange, spotted scarlet. Very hardy and succeeds anywhere. Flowers erect and borne in clusters. Bloom in June and July. Height 1½ feet. Each 15c, per doz. \$1.50.

Elegans Bicolor. Red, striped and flaked yellow and shot with lilac. Each 15c, per doz. \$1.50.

IRIS KAEMPFERI.—This Japanese Iris is an excellent addition to the list of hardy herbaceous plants. It should be planted in a somewhat cool and shaded situation. The flowers are of enormous size, and of most charming colors, varying like watered silk in the sunlight. The colors are white, rose, lilac, lavender, violet, and blue, each representing several shades, while a golden yellow blotch, surrounded by a halo of blue or violet intensifies the wealth of coloring. Time of bloom, June and July. Each 20c, per doz. \$2 00.

IRIS GERMANICA.—This is the true "Fleur-de-Lis," the national flower of France. They are perfectly hardy, thrive anywhere, grow and bloom luxuriantly, if plentifully supplied with water. Large ornamental flowers of rich and elegantly blended colors, striped with dark violet, purple or bronzed lines upon a lighter ground. Each 15c, doz. \$1.50.

TRITOMAS or Torch Lily.—A splendid hardy plant that always attracts a great deal of attention wherever seen. It produces magnificent spikes of rich orange-scarlet flowers. It blooms in August, and is very striking when grouped on the lawn. Each 20c, per doz. \$2.00.

FUNKIAS or Day Lilies.—*Alba*. The Funkias will make handsome, showy plants, and this variety is the best of the class. Pure white lily-like flowers of delicious fragrance, pretty free foliage. Very hardy. Each 25c, per doz. \$2.50.

TIGRIDIA, Shell Flower.—Curious and beautiful shell-like flowers, about four inches in diameter, flowering from July to October. The bulbs can be planted about the middle of May, and taken up in October and kept over winter in dry sand. *Conchiflora*—orange with crimson spots. *Pavonia*—red with crimson spots. *Pevonia Grandiflora Alba*—large ivory white flowers, spotted with maroon and rose lake in center. Each 10c, three for 25c, per doz. 75c.

TUBEROSES.—*Double Pearl*. The value of this sort consists in its flowers being large size, very double and imbricated; of dwarf habit, growing only eighteen inches to two feet high. Postpaid, 8c each, 65c per doz.; express, 5c each, 50c doz., \$3 per 100.

PÆONIES, Herbaceous.—The Herbaceous Pæonies are exceedingly hardy, and will succeed in any ordinary garden soil, well enriched with good manure. White, pink and red. Each 25c, doz. \$2.50.

YUCCA FILAMENTOSA, Adam's Needle.—A very showy, hardy plant, with ornamental foliage; blooms in midsummer, sending up flower spikes often five feet high, of large white flowers; very effective as a lawn plant. Each 25c, \$2.50 per doz.

SPIDER LILY (Pancratium Caribbæum).—This pretty amaryllis-like flower is of the earliest culture. The bulbs are large, and may be planted out in summer, or grown in pots of rich soil and given plenty of water. Each bulb will produce from eight to sixteen pure white flowers of the most charming and attractive appearance imaginable, the long narrow petals measuring from ten to twelve inches in length, drooping in the most graceful manner. Each 20c.

WATER LILIES.

Aquatic plants are now more popular than ever before; grand displays have been made in the parks of the larger cities, and many private places now have their water gardens. No class of plants can give more pleasure, and none require less care. Those who have shallow ponds can grow these plants at a trifling expense, or an artificial pond may be made by removing the soil to a depth of two feet and covering the sides with cement. Most aquatics also thrive well in tubs, which may be made by sawing a barrel in two, covering the bottom with soil, over which a layer of sand is placed to keep the water clear; sink in the ground to the depth of three or four feet.

AMERICAN LOTUS. (*Nelumbian Luteum*.)—Though a native of this country, it is very rare. In general appearance it is almost identical with the Egyptian Lotus, excepting the flowers, which are of a rich sulphur yellow, six inches across and strongly fragrant; perfectly hardy. Strong plants 50c each, seed 15cts per pkt.

NYMPHAEA ODORATA.—This is our native water lily, and is universally admired for its large, fragrant, pure white flowers. When grown in rich mud it will produce flowers six inches across. 25c each, \$2.50 per doz.

Water Poppies.

WATER POPPIES. (*Limnorcharis Humboldtii*.)—A charming and easily cultivated plant, with small oval, floating leaves, and most exquisite flowers of a bright lemon color, with black stamens, standing a few inches out of the water and produced freely all summer. Easily grown in a pool, tub or any shallow water. Must be wintered away from frost. 15c each, two for 25c.

ZANZIBARIENSIS.—These grand blue and red African lilies are the most beautiful of all the water lilies. They grow very rapidly and the smallest will bloom in one or two months after planting. Under good cultivation they will produce flowers twelve inches in diameter. The leaves are also very hand-

some, of a rich, shiny green covered with brown spots. They grow freely and quickly from seed, coming into bloom in two or three months after sowing. They bloom freely all summer either from seed or plants. *Azurea*, a lovely blue color. *Rosea*, a fine rosy pink. Plants of either variety 75c each, seed 25c per pkt.

THE
WONDERFUL
WATER HYACINTH.

No plant of recent introduction has created such a sensation or given greater satisfaction than this charming aquatic. Instead of growing in the soil it floats on the water, which it is enabled to do by means of its curiously inflated leaf stalks, which resemble bladders or balloons filled with air. A large mass of feathery blue roots grow downward, their ends entering the soil. It forms a lovely rosette of its curious shining leaves, and throws up spikes of the most beautiful flowers, resembling in form a spike of Hyacinth's bloom, but as beautiful as many of the choicest and most costly orchids. Each flower is as large or larger than a silver dollar. The color is a soft, beautiful lilac-rose, sparkling as if covered with diamond dust. The upper petal, which is the largest, has a metallic-blue blotch in the center, and in the center of that a small, deep golden-yellow spot. Can be grown in the open air in summer, and in the window in winter in anything that will hold water. 20c each, 3 for 50c.

HARDY CLIMBING PLANTS.

CLEMATIS.—This is perhaps the most popular climbing plant of the day, and is constantly gaining in popularity. For covering walls, trellises or verandas, old trees, or as specimens on the lawn or in borders, or for massing in large beds, they have scarcely an equal, certainly no superior.

Crispa. Lavender flowers with white antlers. Blooms from June until frost. Five for \$1.00, 25c
Coccinea. Bell-shaped flowers of a bright red coral color. Blooms with wonderful profusion. Five for \$1.00, 25c

Each.

Flammula. A general favorite where a hardy, rapid-growing vine is desired. Its bright green foliage is almost hidden by clusters of small, fragrant, white flowers. Five for \$1.00, 25c
Gipsy Queen. Rich, dark, velvety purple. Three for \$1.00, 40c
Jackmanii. Large, rich, violet-purple. A free bloomer, and the best of all. Three for \$1.00, 40c
Miss Bateman. White, with chocolate anthers. Three for \$1.00, 40c
Star of India. Reddish, violet-purple, with red bars. Three for \$1.00, 40c

Each.

Cinnamon Vine.

lis or arbor early in the season. It is as easily cultivated as the Madiera Vine, has no insect enemies, and is not affected by drouth. Planted near a door or window and the vine trained over and about it, it makes an ornament worthy the admiration of all. Strong tubers 10c each, three for 25c.

APIOS TUBEROSA.—A valuable, hardy, tuberous rooted climber, resembling the common Wisteria in vine and foliage, and having clusters of rich, deep purple flowers, which have a strong, delicious violet fragrance. They grow to a great height and bloom profusely. The bulbs are perfectly hardy, and should not be taken up in winter. Plant two or three bulbs close together to produce a mass of vines and flowers. Each 10c, per doz. \$1.00.

CINNAMON VINE.—A beautiful climber, which possesses the rare quality of emitting from its flowers the delightful odor of the cinnamon, perfectly hardy, the stems dying down every autumn, but growing again so rapidly as to cover completely any trel-

Apios Tuberosa.

ARISTOLOCHIA SIPHO. (Dutchman's Pipe).—A vigorous and rapid growing climber, bearing singular, brownish colored flowers, resembling in shape a Dutchman's pipe. The plants grow very quickly, and soon make a dense shade. It readily attains a height of twenty feet, and is perfectly hardy. Each 30c.

AMPELOPSIS VEITCHII.—An entirely hardy species of Ampelopsis, of Japan origin. It grows as rapidly as the old Virginia Creeper, and attains a height of fifty feet. It clings firmly to any wall or tree, etc. The leaves are small on young plants, which at first are of an olive green, changing to bright scarlet in autumn. As the plant acquires age the leaves increase in size. This variety becomes more popular every season, and is without question one of the best climbing plants for covering brick or stone walls that can be grown. Each 25c, extra large plants 50c each.

TRUMPET CREEPER (Bignonia).—A superb hardy vine of rapid growth, producing large clusters of showy, scarlet, trumpet-shaped flowers. Each 20c, three for 50c.

CHINESE WISTARIAS.—*Wistaria Sinensis*. This popular hardy climber will grow twenty feet in one season, and bears, early in spring, large racemes of the flowers in great profusion. A large plant in bloom is a beautiful sight. Plants 25c each, five for \$1.00.

TRIFOLIATE ORANGE.

This is the most hardy of the orange family, and will stand our northern climate with little or no protection, and is also desirable for pot culture. It is dwarf, of a low symmetrical growth, with beautiful trifoliate glossy green leaves, and an abundance of large, white, sweet-scented blossoms. The fruit is small, bright orange-red in color. The fine appearance of the plant, with its constant habit of blooming, and showy fruit, combine to make a plant of peculiar value and beauty. It is the best suited for open ground culture, as it is deciduous and drops its leaves in the fall, and cannot be induced to make much growth in winter even in a greenhouse. Strong, young, thrifty trees, 20c each, 3 for 50c.

ENGRAVED BY ADLARD, PHILA. COPYRIGHTED, 1885

PLANT DEPARTMENT.

FREE BY MAIL. All plants are sent free by mail at the prices given, yet when purchasers can afford to pay express charges we prefer to send them that way, as it gives us a chance to furnish larger plants than we can afford to send by mail, and we always add gratis plants enough to nearly or quite pay express charges.

GUARANTEE. We guarantee the safe arrival in good condition of all plants shipped by mail or express. If not received in good condition, please notify us at once, and will cheerfully replace them.

TREATMENT OF PLANTS ON ARRIVAL. If the plants are at all wilted, place them with the paper about them in shallow pans of lukewarm water, leave them there a half an hour. This restores their vigor and increases their vitality.

SOIL for potting should be composed of rotted sod about two-thirds and one-third well rotted manure. If rotted sods can not be procured, good, rich garden soil, with the addition of one-third well rotted manure, will answer.

POTTING. Do not use too large pots at first; one size larger than the plants were grown in is quite large enough, and as these become filled with roots, the plants should be repotted. Press the soil firmly about the roots. Do not fill the pots quite full of soil, but leave about half an inch space to receive water. Water thoroughly, soaking the soil to the bottom of the pots, and place in a sheltered situation, where they will not be exposed to the wind or sun for two or three days, or until they begin to grow.

No order for Plants will be filled for less than Fifty Cents.

ALTERANANTHERA.

Beautiful dwarf plants of compact habit, growing about six inches high, and admirably adapted for edging to flower beds or ribbon lines, their beautiful variegated foliage of crimson, purple, yellow, pink, and green forming rich masses of color. *Aurea Nana*—Bright golden yellow, holding its color well the entire season. *Amabilis Tricolor*—Orange, crimson, and dark green. Each 10c, \$1 per doz., \$6 per 100.

AGERATUM.

Old garden favorites of easy culture, blooming continuously throughout the summer months. *Blanche*—Pure white; very desirable. *Cope's Pet*—A decided improvement on the well known and popular John Douglass. It is of brighter and more cheerful blue, and rather more even in growth, never exceeding six inches in height. 8c each, 75c per doz.

BEGONIA, Flowering Varieties.

We know of no plants better adapted to amateur cultivation than these. As pot plants for summer or winter cultivation they have no equals.

Argentea Guttata.

Alba Picta. A pretty species from Brazil, distinct in character. It is shrubby in habit and of compact

growth. The leaves are glossy green, freely spotted with bright silvery white. Each 15c.

Argentea Guttata. A cross between Begonia Olbia and Alba Picta. Foliage of large size, of a rich green spotted with silver. A beautiful variety. Each 15c.

Dewdrop. The best flowering Begonia ever obtained. Its graceful flowers are produced in profusion during the winter months. It can be planted out in the strong sun in the spring, and will be one mass of bloom the entire summer. Each 10c.

Metallica. A fine erect growing Begonia, with dark, rough leaves; the surface is a lustrous bronze-green; veins depressed and dark red. The depression of the veins gives the leaves a crape-like appearance. A free bloomer. The panicles of unopened buds are bright red, with surface like plush. Each 15c.

Paul Bruant. A Begonia that grows in a fine, bushy, tree form, increasing in size and number of leaves very rapidly. On account of its free growth and easy culture, it is bound to become popular. It is of very heavy texture and a deep olive green. The bloom is borne in the greatest abundance on long, graceful stems; flower is rosy pink. Each 20c.

Rubra. If you can have but one Begonia, let it be a Rubra, for it will prove a constant delight. It is so fast growing that it will in a year or two reach the top of your window, sending up heavy, stiff canes an inch in diameter, and rising beside them will grow strong, slender branches, gracefully drooping under heavy, waxen leaves and pendant panicles of coral-colored flowers as large as a hand. Each 15c.

Superflorens Gigantea. The flowers of this new sort are brilliant carmine red, and are borne in large panicles. It is one of the best of the new Begonias, and possesses vigorous habit. The flowers are unusually large and brilliant, and stand well above the foliage. Each 15c.

Vernon. This beautiful new Begonia has been universally accepted as the most useful and really meritorious novelty introduced for years. In habit and freedom of bloom it quite resembles the well-known Begonia Semperflorens. Its numerous flowers are of a brilliant deep carmine color and the foliage of a fine green color, spotted and margined with bronzy-red, which grows more intense with the advancing season. The staminate flowers with their bright yellow centers give the last note of color, and contrast admirably with the brilliant red flowers and metallic foliage. Above all, it blooms with the greatest profusion throughout the entire summer and winter. Each 10c.

Begonia Rex.

BEGONIA REX, Painted Leaf Varieties.

We offer ten of the most distinct and handsomely marked varieties of this beautiful class of Begonias. These are grown for their variegated foliage, and are very desirable for house and garden decorations, in shady positions, and especially well adapted for baskets, vases, etc. Each 15c, the set of 10 for \$1.25.

CARNATIONS.

American Flag. This is one of the finest striped we have of this color, scarlet and white, distinct. Each shoot bears from eight to ten flowers.

Buttercup. This grand golden yellow is one of the best selling Carnations we have ever seen. The color is rich, with a few odd markings of carmine; is of vigorous habit and an excellent bloomer.

Daybreak. A soft, sea-shell pink, grown by Simmons & Co., the originators of Tidal wave and Silver Spray. Another year's trial has proved it to be one of the most valuable cut flowers.

Golden Gate. This is one of our finest productions in pure yellow, without a particle of stripe. Flowers are as full and double as Buttercup, but of a richer color, more golden yellow.

Portia. Intensely bright scarlet; vigorous constitution. The flowers are of good size, on long stems, and freely produced.

Silver Spray. This is certainly a splendid pure white, early, free flowering Canation, of robust growth, forming fine bushy plants and an abundance of bloom, on long stems.

Tidal Wave. Very dwarf variety, of a carmine pink color, and very productive of bloom, particularly early in the season. Is valuable for pots, as it is very dwarf, its flower stems rarely being over a foot in length.

White Dove. It is remarkable for its extremely vigorous growth, very large flowers, perfect shape, purest white. Indeed, for size and freedom of bloom, purity of color, sweetness of perfume, this variety has no equal.

All the above Carnations 8c each, 75c per doz.

NEW DOUBLE WHITE DAISY; SNOW CREST.—A most distinct variety, and an improvement on existing sorts. Its habit of growth and size of flowers, in comparison with older varieties, is gigantic. The flowers, which are borne on stout, stiff stems from six to ten inches long, are of the purest white and full to the center. When fully developed they rise to a conical or sugar-loaf form, and well-grown specimens will cover a silver dollar. Each 10c.

CENTAUREA GYMNOCARPA.—A very fine foliage plant, leaves white and deeply cut, drooping fern-like; very effective for baskets, vases, or edging. Each 8c, 15 for \$1.00.

ALOYSIA CITRIODORA (Lemon Verbena).—Foliage delightfully fragrant. To simply brush against it is enough to scent an entire room with its delicious odor. Planted out of doors, it grows into a fine, large clump, and it can be taken up in the fall and wintered over in the cellar. Each 10c.

Mexican Primrose.

MEXICAN PRIMROSE.—A charming basket or pot plant. Flowers of a beautiful, bright, clear pink color, veined with scarlet, and with a bright center. The superb color, combined with airy grace and beautiful form, goes to make a flower which is in beauty, perfection itself. The plant seldom grows over ten inches in height, but inclines to a trailing habit, spreading its branches out over the ground, or drooping over the sides of the pot. Each 10c.

CHRYSANTHEMUMS.

A collection of Prize Winning Varieties.

Waban. Pink, very large flowers with stiff stems. The outer petals are reflex while those in the center are incurved.

Kioto. A fine incurved variety, large yellow flowers, very double.

Ivory. A perfect white ball, very early and the grandest white in cultivation.

L. Canning. A large and handsome pure white flower, of vigorous and compact growth, one of the best for pot culture.

C. F. Moreman. Very large flowers, often measuring nine inches across, incurved, bright Indian red inside and buff on the outside.

Christmas Eve. One of the finest late flowering varieties in cultivation, pure snowy white.

Mrs. J. G. Whilldin. A handsome yellow variety of large size and fine form.

Vivian Morel. Extra large flowers, petals long and loosely arranged, a beautiful variety of light shade of pink.

W. H. Lincoln. A golden yellow, straight, flat petals, an extra large flower, very double.

Ada Spaulding. The lower half is a deep rich pink, shading in the upper portion to the purest pearly white.

Harry May. Deep old gold, with veins of red, petals broad, thick and spoon shaped.

Harry E. Widener. Large, grand, yellow flowers, incurved forming a large rounded surface.

Margaret Graham. A beautiful, incurved variety,

flowers very erect on short stems, when opening a pale lemon changing to the purest white.

Golden Wedding. A rich golden yellow color, intense and dazzling, flowers very large, petals broad and long, incurved and full in the center.

Joey Hill. One of the largest varieties in cultivation, of a beautiful shade of cardinal red faced with old gold.

The Queen. Extra large size, of beautiful half globular form with broad petals, incurved and of great substance, color pure white.

G. W. Childs. The best deep self-colored crimson in existence, flowers of immense size with broad stiff petals, rich dark velvety crimson.

Miss Minnie Wannamaker. Creamy white, of large size and so incurved as to resemble a ball.

Mrs. L. C. Madeira. A perfect compact globe of a bright orange color, petals upright like unopened quills.

Gloriosum. Very fine light yellow, immense flowers, having narrow and long petals, gracefully incurved and twisted, very early.

Edna Prass. A handsome late-flowering variety of a light salmon color, very pretty.

Edward Hatch. Very large flowers, globular, outer petals recurved, color a soft lemon yellow suffused with pink.

Golden Gate. Old gold and tawny yellow, quite distinct, large spreading flowers of regular form, stout stems, long wide petals, flowers of largest size.

Emily Domer. Rich shade of orange touched with crimson, flowers large and nicely incurved.

All of the above 10c each, fifteen for \$1.00.

Collection of Twelve Superb Varieties.

Mrs. E. G. Hill. Of vigorous growth and fine form. The blooms are eight inches or more in diameter; the color is of a delicate lavender pink; petals incurved. It is a very early bloomer, a characteristic that should insure its future. It has been awarded a World's Fair medal, with high recommendations from the judges.

Eugene Dailledouze. We consider this the crowning glory of the year in new Chrysanthemums. Large, full double, glowing yellow in color, stiff stem and good foliage, and, above all, a free, easy grower.

Roslyn. A superb, clear, Mermet rose pink; petals thick and heavy; cup-shaped; solid to the center; immense in size. The best pink in commerce.

Good Gracious. Introduced from Japan, and so remarkable for size as to suggest its name; the first sight of it usually brings forth an exclamation of admiration. The color also is unique, being a delicate shade of peach pink throughout.

V. H. Hallock. A rosy-pearl, of a marked waxy texture. The rosy color deepens toward the center. The flower is six inches in diameter. Petals convex, rounded downwards half their length from the center, changing to a beautiful curved form.

Geo. R. Gause. The variety Water Coles has been greatly admired, both here and abroad, for its unique color, a bright bronze, or terra cotta. The present variety is almost identical in color, while the size is immense, and is nearly as great in depth as in diameter; shows no eye.

Mrs. Hicks Arnold. Flower very large and deep, full, double, forming, when well opened, a massive sphere; color a deep old gold, with occasional reddish veins; petals very broad and thick, spoon-shaped.

President Wm. R. Smith. Color of Daybreak Carnation, a pure self pink; very heavy substance, on stiff stems; very free in growth, and also free in propagation. The form of the flower is very beautiful in all its stages.

Niveus. A grand snow-white variety. Center irregularly incurved, with outer petals reflexing nearly to the stem. Constitution robust; foliage large and abundant, while the keeping qualities of the flowers are unsurpassed.

THE "OSTRICH PLUME" SECTION.

King of Ostrich Plumes. Deep chrome-yellow, shaded buff and orange; large and double; covered with glandular hairs.

L'Enfant des Deux Mondes (Child of Two Worlds). Magnificent white sport from L. Boehmer, partaking of all its good qualities; purest snow-white.

Louis Boehmer. Has the same remarkable hair-like growth as the above, but it differs from it in color, being a beautiful shade of lavender pink. Early and free bloomer.

Any of the above 15c each; the entire collection of twelve for \$1.25.

EVER-BLOOMING FRENCH CANNAS.

Charles Henderson. A splendid compact dwarf grower, throwing up erect compact heads of bloom of large size; the individual flowers are among the largest. Color, bright crimson; center of the flower marked with golden pencillings.

Florence

Vaughan.

The flowers of this splendid sort are of the most perfect form, the petals are even broader than Madam Crozy and more rounded at the ends, which latter characteristic represents the best type to be sought for in Cannas. The color is the most brilliant golden yellow, dotted with brightest scarlet.

Alphonse Bouvier. What Madam Crozy is among the scarlet varieties, Alphonse Bouvier is among the crimsons. In color it is the most brilliant crimson yet introduced, and is undoubtedly the best bedding variety for planting in masses now in cultivation. The foliage is of a rich green.

Childsii. (The Tiger Canna.) Flowers good size, clear yellow, spotted crimson. This variety differs from most of the Crozy sorts in that it generally has four good sized petals instead of three, making the flower seem larger than any others.

Madam Crozy. Four feet; the immense flower-heads of deepest vermillion bordered with gold. are double the diameter of a Gladiolus spike, and these flower-heads follow each other so rapidly that the plant is always in bloom.

Gustave Semholz. Three and a quarter feet; vigorous grower, foliage deep green, strong flower-stalks. The flowers are very large and of a deep crimson color, smoothly shaded with orange. A distinct and handsome variety.

J. D. Cabos. Four feet, a strong grower, leaves lanceolated, green, strongly shaded with purple, flower-stalks numerous, flowers large and round, color rich apricot with deeper shadings, very striking.

President Carnot. Height 3½ feet, strong grower,

Everblooming Canna.

leaves erect, dark purple, flower-stalks strong and numerous, flowers large and well rounded, rich crimson color, with dots of a darker shade.

President Cleveland. Height $3\frac{1}{2}$ feet, vigorous grower, rich green foliage, compact flower-stalks, flowers large, petal rounded, color light salmon-red.

Trocadero. Four feet, vigorous grower, foliage dark green, free blooming, large flowers, petals round, color orange scarlet.

Perfection. Height $3\frac{1}{2}$ feet, strong grower, foliage dark green, flowers large and round, golden yellow dotted bright maroon.

Little Gem. (Potato Canna) Fifteen inches, dark scarlet flowers bordered yellow, free bloomer, roots like potatoes.

Strong, pot-grown plants of any of the above varieties 25c, the set of twelve for \$2.50.

DAHLIAS.

We have the following list of choice Dahlias, which we supply as pot plants. They are all well rooted and in every way superior to dry roots. We will send them by mail, and guarantee their safe arrival.

DOUBLE LARGE FLOWERING SORTS.

Arabella. Yellow tinged pink.

Bird of Paradise. White tinged pink.

Bonnark's Yellow. Yellow. One of the earliest bloomers.

Glowing Coal. A clear deep scarlet, very double.

Lacy Fawcett. Yellow, striped scarlet.

Mrs. Dodds. Blush, outer petals light lilac.

Marguerite. Deep rose, very full bloomer.

Maid of Kent. Maroon, petals striped white.

John Th rpe. Spotted white and scarlet.

White Dove. A charming double white sort, one of the best.

Wacht am Rhein. A peculiar and pretty shade of lilac.

CACTUS DAHLIAS.

These are distinguished from other Dahlias by their broad, flat petals, more or less twisted.

Constance. One of the most useful Dahlias. Pure white, its elegantly shaped flowers rendering it valuable for bouquets.

Charming Bride. Pearly white, tipped with pink.

King of Cactus. Scarlet, large loose flowers.

Mrs. Hawkins. Sulphur yellow, shaded light canary.

Wm. Raynor. Salmon red, large flowers.

W. T. Avery. Dark red, striped yellow.

Wm. Pearce. A true butter yellow in color. A prolific bloomer.

Zulu. Maroon black, very fine.

Pot-grown plants 15c each, \$1.50 per dozen.

EVER-BLOOMING ROSES.

Tea or Everblooming Roses are quite hardy south of the Ohio River, and with careful protection live through our severe northern winters.

A New Hybrid Tea Rose, Meteor.—A velvety red Everbloomer of the deepest glowing crimson, as fine as a Hybrid. Flowers of medium size, very double and slightly recurving. A beautiful open Rose, a free bloomer and a very excellent pot Rose. Ea. 15c.

New Pink Tea Rose, Bridesmaid.—Here we have a Rose, a sport from the old standby, Catherine Mermet. This new variety retains all the good qualities of the parent, besides adding charms not possessed by the sweet Catharine. Bridesmaid is about two shades deeper in color—just enough to make it bright; and it is the same color all the time, under every condition of weather and surrounding. Ea. 15c.

New Tea Rose, "Golden Gate."

The flowers are large very full and finely formed, and of excellent substance; the buds are long and of the most desirable; the color is rich, creamy white, beautifully tinged with fine golden yellow; the petals are large and broad, and exquisitely bordered and tinted with clear rose, making altogether a Rose of rare beauty. Each 15c.

Golden Gate.

Rainbow.—An elegant new striped Tea Rose of strong, healthy growth and exceedingly free-flowering habit. The buds are large, on strong, stiff stems. Color a beautiful shade of deep pink, distinctly marked and mottled with bright crimson, elegantly shaded and toned with rich amber. Ea. 15c.

Price of all the following Roses 10c each, 14 for \$1:

Hermosa. Light pink, medium sized, full and double; grows freely and blooms profusely; quite hardy all over the North. One of the best Bourbons in cultivation, combining almost all that is to be desired in a Rose.

Yellow Hermosa, or Coquette de Lyon. This a most charming yellow Tea Rose; a good grower; has elegant buds, and is so free in flower as to be called the Yellow Hermosa.

White Hermosa, or Marie Lambert. Pure white. It has been called the White Hermosa, as it resembles Hermosa in form and freedom of bloom, and is quite as valuable.

Devoniensis (Magnolia Rose). Color, a beautiful creamy white, with center sometimes tinged with blush. One of the most delightfully sweet tea scented.

Etoile de Angers. Color is chamois-yellow, bordered with peach, and with shadings of bronze.

Queen's Scarlet. (China.) Rich crimson, changing to light scarlet; very free flowering.

Bona Weillshott. Color, rosy vermillion, with center of orange red; a very strong grower, center and double.

New Hybrid Tea Rose, Lady H. Grosvenor. Flowers flesh color; large, full and globular. An exceedingly free and effective variety.

Catherine Mermet. One of the most fashionable Roses for cut flowers. Color, clear rosy pink; very large pointed buds; full double and fragrant.

Clothilde Soupert. The flowers of this beautiful variety are of a unique color, being of a pearl white, shaded at the center with silvery rose, and are produced in the greatest profusion. It make a fine plant either for pot culture or outdoor planting.

La France. For delicacy of coloring and delicious fragrance, it ranks among the best; color, silvery pink, with peach shading.

Marechal Niel. Golden yellow; climbing habit.

Niphetos. Pure white; sweet, large and full; the best.

Papa Gontier. One of the finest crimson.

Safrano. Buff, shaded with yellow.

Bon Silene. Color, deep salmon rose, illuminated with carmine.

Sunset. A rich shade of saffron and orange.

The Bride. A lovely pure white rose of the Mermet type.

Comtesse de Eva Starhemberg. Color, creamy yellow, shading toward the center to ochre.

Duchess Marie Salviatia. Color, a beautiful chrome yellow, elegantly tinged with orange, passing to buff.

HYBRID PERPETUAL ROSES.

Hybrid Perpetual Roses are hardy and vigorous. The flowers are very large, of delightful fragrance, and the colors are richer than the Teas or Everblooming. 10c each, twelve for \$1.00.

Alfred Colomb. Bright, clear cherry red, shaded with crimson.

American Beauty. Flowers are very double, of a deep color, and very fragrant.

Captain Christy. A lovely rose, blooming almost the entire season; very large double buds of a deep flesh color.

Coquette des Alps. White, lightly shaded with crimson.

Dinsmore. A vigorous and free blooming rose; perfectly hardy and bearing large perfectly double flowers of a rich scarlet-crimson color.

General Jacqueminot. Brilliant scarlet-crimson.

General Washington. Very double; crimson.

John Hopper. Rose, with rosy crimson center.

Mabel Morrison. Pure white; in autumn faintly flushed with pink.

Mrs. John Laing. One of the most perfect Hybrid Perpetual Roses in cultivation; beautiful in color, free in flowering, a vigorous grower, of elegant shape

Dinsmore.

and very fragrant; color of a soft pink with a satin tinge. Selected plants.

Mme. Chas. Wood. Vivid crimson, large and full.

Magna Charta. Bright pink, suffused with carmine.

Paul Neyron. Very large dark rose; by far the largest rose in cultivation.

Ulrich Brunner. Bright cerise red.

Cloth of Gold, or Chromatella. Clear golden yellow, large very full and double, highly fragrant. Much prized in the South for pillars and verandas.

HARDY CLIMBING ROSES.

Baltimore Belle.

Pale blush, nearly white. 10c each.

Gem of the Prairie. Large and double; color, light crimson, somewhat blotched white. 10c each.

Climbing La France.

A most wonderful acquisition, and one of most desirable Roses introduced in recent years. It had its origin as a sport from La France, and possesses all the good points of that most popular of all Roses. It retains the charming peach pink color and the exquisite fragrance which have made the La France the favorite it is. 25c each.

Mary Washington.

A free bloomer, producing flowers in large clusters. It blooms profusely when very small and does not make a large growth the first year, but the second year throws up strong canes that make splendid pillar or trellis plants, covered with bloom throughout the whole season. Flowers medium size, pure white and very fragrant. Ea. 15c.

Mary Washington.

GERANIUMS.

Twelve of the Best Double Varieties.

8c each, the set of 12 for 75c.

Centaure. Brilliant rose, enormous truss; a fine bedding variety.

White Swan. The finest double white ever introduced, and, unlike other double white Geraniums, it is a fine bedding variety, and blooms as profusely as the single varieties.

Hetherauth. The queen of Geraniums, and the finest bedding variety of all. Color of the flower, a pleasing shade of bright vermilion red.

Richard Barrett. Brilliant scarlet; a constant bloomer, no better bedder grown.

Hoff Beach. Rich amaranth purple; of fine habit and robust constitution.

Grand Chancellor. Very dark soft velvety red, heavily veined with maroon. A grand variety.

Harriet Thorpe. Resembles a Picotee more than a Geranium. Color, pearl pink, edged with deep pink.

Golden Dawn. Of the brightest scarlet color, imaginable, shining like a fleece of gold.

Black Knight. Bright crimson maroon; very large truss; a fine hedder.

Barbiset. Very large flowers; color fresh and bright rose, edged with white on upper petals.

Madam Dicufoj. Dwarf habit; large florets of good form, and immense truss; color, delicate rose, flaked with white.

Adrienne Cosset. A continuous free blooming variety, with bright orange-red flowers, borne on large trusses.

Twelve Best Single Geraniums.

8c each, the set of 12 for 75c.

Bride. Carmine lake shaded to soft rose, very free bloomer.

Jealousy. Bright orange-yellow, the nearest approach to yellow of any geranium, a beautiful sort.

Some of the most beautiful variety upper petals very white, shaded to rosy carmine at the edge, lower petals brilliant rosy carmine, the center of the petals delicately pencilled with white.

Some of the largest flowered of all, color a very deep crimson.

Mrs. P. G. Holt. The center of each petal is a soft salmon, bordered with rosy carmine and veined with white.

White Pearl. The very softest shade of pink, a most delicate color and very attractive variety.

One of the best bedding geraniums with long, bifid scarlet flowers.

White Truss. Large, of perfect form, a free bloomer, flowers a creamy white.

Light Green. Bright center, beautifully shaded with green, a magnificent variety.

Light Scarlet. Color a dazzling scarlet, one of the best of the best bedding geraniums.

Light Pink. White edges, pinkish center, a lovely and beautiful variety.

Gold Medal. Large florets and immense trusses, color a rich green with bright orange-scarlet center, a most beautiful and odd variety.

Scented Geraniums.

Price 8c. each.

Rose. The most fragrant of all. Too well known to need further description.

Dr. Livingston. A very fragrant rose Geranium, with elegant leaves.

Green. Very large, light green leaves, deliciously fragrant. A strong grower.

Light Green. Very fragrant, small light green leaves.

Light Yellow. A distinct variety of the Scented Geraniums, with deep scarlet flowers, but the leaves not so fragrant as some of the others.

Fancy Leaved Geraniums.

Gold Palace Ger. Broad, golden yellow leaves with dark green center.

Happy Thought. It differs from the ordinary form in having a large yellow blotch in the center of each leaf, with a band of bright green at the margin; flowers magenta rose. 8c. each.

Mountain of Snow. Foliage green, handsomely bordered with white, flowers scarlet, a fine bedder, the best variety of its color. 8c. each.

Little Sallie. A very compact variety of Silver Geranium, very fine for massing or bordering, a healthy healthy grower, rarely reaching a height of over six inches, leaves small, of a peculiar clear green, lined with pure white. 8c. each.

Mrs. Pellack. Bright bronzy red zone, belted with crimson, and edged with golden yellow. 15c. each.

Double Ivy-Leaved Geraniums.

These are the grandest of all house plants, or for the pots or vases in the open air. They can be grown to creep or climb as desired.

Creeping Custer. Deep currant red, a grand variety.

Crimble Flammula. Deep rose color.

Tree of Arc. The flowers are perfectly double, white as snow, and literally cover the plant when in full bloom.

La Riviera. Immense trusses of large well formed flowers, salmon pink.

Mrs. Thibaut. Very rich, deep rose.

P. Crozy. Brilliant scarlet, a new departure in this class.

Ten cents each, the set of six for 40c.

GENISTA CANARIENSIS. A beautiful flowering greenhouse shrub, flowering so freely as to liter-

ally cover the plant with its rich golden yellow flowers when well grown. It is grown in large quantities by the leading florists of the country for decorative purposes at Easter time. 10c. each.

GENISTA RACEMOSA. This plant, although not new, has become very fashionable in New York. Few plants are more deserving of popular esteem. The flowers are pure golden yellow, and literally cover the plant when full grown. 10c. each.

CALLA PLANTS.—The following are growing plants (not dry bulbs), and will be ready to bloom a short time after arrival.

White Calla, or *Lily of the Nile.* This old favorite is too well known to need any description. We have these in strong plants planted in pots; this is the best way to buy them in the winter and spring. 25c. each.

Little Gem. This is a perfect Calla growing only about eight to ten inches in height, and producing in the greatest profusion the most perfect and exquisite pure white flowers, which are just a suitable size for cut flower work. 25c. each.

HELIOT ROPE.—*Queen of Violets.* Rich dark violet purple flowers, produced in great profusion, probably the best very dark variety.

Flamingo Nightingale. Flowers large, light blue with white center, very fragrant, a strong healthy grower.

Evening Star. Pale lavender blue, of robust, free blooming habit.

Snow Wreath. The nearest approach to pure white yet attained, a free bloomer with large trusses of pure white flowers, sometimes tinted with blue.

Price 8c. each, 75c. doz.

LANTANAS.—We have but few bedding plants that bloom more continuously or afford greater variety of gay colors than the Lantanas. They also do well when grown in pots, and may be trained in almost any desired form. They are easily wintered in any light, dry cellar.

Chetilla. Flowers yellow, changing to a beautiful rose and scarlet.

Immensee. Flowers are pure white, sometimes having a yellow center.

Iguis. New. A brilliant, fiery red. A dwarf and compact grower.

Hark's Perfection. Foliage green, beautifully mottled with yellow, flowers buff and lilac.

Mad. Mai. Buff, changing to lilac; center of each flower orange. Price 10c. each.

VERBENAS.—The mammoth or large flowered type, the colors range through all the shades of scarlet, purple, crimson, pink, blue, white, etc. 8c. each, 75c. per doz.

PANSIES.—The stock offered can be relied on as embracing the best from foreign and domestic collections. 8c. each, 50c. doz. \$4.00 per 100.

MANETTIA BICOLOR.—The most wonderful new plant or vine yet introduced, blooms winter and summer, flowers 1 to 12 inches long, intense bright scarlet shading into flame, tipped with deepest golden yellow and leaved with thick scarlet moss. 10c. each.

CHINESE DWARF ORANGE.—A beautiful dwarf growing orange of bushy form and of easiest culture. The flowers are pure white and quite fragrant. Bears fruit when only a few inches high. Prices 35c. to 50c.

WHITE MOON FLOWER.—Well known evening blooming climber with large white flowers. 10c. each.

BLUE DAWN FLOWER.—A splendid companion to the above, with reddish purple flower often six inches across. 10c. each.

MEXICAN MORNING GLORY.—Satiny, violet crimson flowers, very beautiful, tuberous rooted like a dahlia, should be wintered the same way. 15c. each.

ACME HAND POTATO PLANTER.

SIMPLE, DURABLE, PRACTICAL.

Works perfectly in clay, gravel, or sandy soil, sod, or new ground. Plants at any and uniform depth in moist soil. Makes holes, drops, and covers at one operation. No stooping. No backache. Insures a larger crop. One man plants two acres a day.

Price, \$1.50.

AUTOMATIC SPRAY PUMP.

PUSH DOWN—THE SPRING DOES THE REST.

Unique, and Most Practicable.

No Foot Fastening Required.

It will pump from the pail or will CARRY the material to be used in "a field"; and with the fine spray carries enough to last ten to fifteen minutes in potatoes, fruit trees, grapes, tobacco, and greenhouses. Price, \$3.75.

CLEAVES' GARDEN TROWELS.

No. 1, 8 in., bright steel, 40c.; No. 2, 5 in., bright steel, 20c.

Acme Potato Planter.

Automatic Spray Pump.

Hill's Improved Knapsack Sprinkler

Does more effective work than any other sprinkling device in use. The principal points of superiority are ease of carrying, the weight being carried on the back and shoulders; absolute control of flow, and consequent saving of water; rapid work, sprinkling two rows at once. One man sprinkling from seven to ten acres per day.

Price, \$5.00.

The Lenox Sprayer.

Lenox Sprayer.

For Potato Bugs, Gardens, Cotton and Tobacco Fields, Orchards, Grape, and Small Fruit Culture.

Made of best galvanized tin, will not rust; warranted to last many years. The straps are provided with buckles, and are adjustable to fit a man or boy of any size. On the left of the machine there is a knob attached to an agitator which mixes the green; while you are operating with the bulb in your right hand, you can with your left hand occasionally agitate the paris green.

A man with one of these sprinklers will use only one-half the paris green that is required by the whisk broom or any other method. Price, \$4.00.

Hill's Improved Knapsack Sprinkler.

We can also supply the celebrated Climax Spray Pumps, for Orchards, Vineyards, etc., large or small, at prices ranging from \$10.00 to \$50.00.