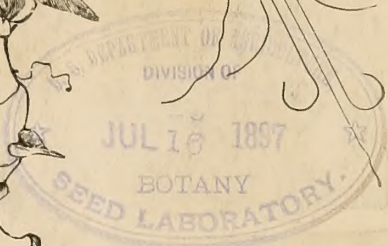


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CHOICE
IOWA SEEDS



1897.



SECOND EDITION
of the 27th Annual
Catalogue and Garden Guide.

Notice:— In January we published 50,000 copies of our Catalogue, but there has been such a great demand for them that we were compelled to get out this second large edition, but regret to say that we were unable to have the colored covers prepared in time for this extra edition.



IOWA SEED CO.,

613-615
LOCUST ST., **DES MOINES, IA.**

OUR NEW STORE, 44 BY 133 FEET.

J. WALTON, DEL.

.... OFFICE OF

Iowa Seed Company,

613-615 LOCUST STREET

Des Moines, Iowa, January 1, 1897.

TO OUR CUSTOMERS:

For more than a quarter of a century our place of business has been known as THE IOWA SEED STORE, being the largest as well as the oldest seed concern in the state. In every neighborhood in the state our seeds are well known and popular, and our trade has extended to every state in the Union, and our highest ambition is to deserve the title which has been applied to us, namely,

"SEEDSMEN TO THE AMERICAN PEOPLE."

While we are receiving a great many orders from South America, Europe, Africa, Asia, Australia, as well as many of the sea islands, still it is the home trade that we are the most anxious for, and we solicit the orders of everyone who uses seeds from Maine to California and from the lakes to the Gulf of Mexico.

The soil and climate of Iowa are especially adapted to the perfect growth and maturing of seed crops, and for more than a quarter of a century we have devoted much time and labor to testing, experimenting, selecting and improving our various choice strains of seed.

Our new store is as conveniently arranged a building as there is in America for the seed business and orders can be filled with great rapidity, our mail during the busy season averaging 1,000 to 1,800 letters and postals per day. About five blocks away, located beside the railroad tracks is our warehouse, where large quantities of seed are stored and hauled to our city store as needed, no orders being filled from the warehouse except carload lots.

Last spring we had a QUARTER CENTURY CELEBRATION at our store and invited our city customers to visit us. The large store was handsomely decorated and the noted Iowa State Band discoursed beautiful harmonies for the 5,000 to 6,000 city customers who visited us that day.

WE GROW OUR OWN SEEDS.

Not all on our own place of course, as that would be impossible owing to the great number of varieties and their liability to cross if grown adjacent to each other. Our home farm of seventy acres is devoted to growing small items and stock seeds, which we place with practical seed growers and contract for the crop. The growing crop is then subject to our personal inspection at all times during the season, and is as carefully watched as the crop grown on our own place. We handle altogether about 2,000 varieties of seeds and it requires the crop of seeds from 4,500 acres to supply our trade.

Again thanking you for past favors, and respectfully soliciting a continuance of your patronage, we remain,

Your friends,

IOWA SEED COMPANY.

Zur Beachtung: Alle Briefe und Anfragen in deutscher Sprache werden von uns beantwortet; auch werden Bestellungen in deutscher Sprache ebenso prompt besorgt als andere.

SUGGESTIONS TO CUSTOMERS.

ORDER EARLY.—The best time to order is just as soon as you receive this catalogue, as we can always give your orders more of our personal attention if they come in before the rush of the spring trade. Please use the order sheet, as it makes it more convenient for us in filling orders. Terms are invariably cash with order, as we keep no book accounts in our mail order department, and the expense of sending goods C. O. D. is quite large. Postage stamps received as cash.

SHIPPING.—There are five express companies and fifteen railroads centering at Des Moines, so that quick shipments can be made to any town in the United States.

CHARGES PREPAID.—All Vegetable and Flower Seeds, Bulbs and Plants, except those noted, are sent *prepaid* by mail or express by the quickest and most direct route, unless ordered otherwise, and we guarantee their safe arrival. Seeds sold by the peck or bushel, field seeds, potatoes, implements, and other heavy goods are sent by freight or express, purchaser paying charges.

TESTING.—All seeds are carefully tested, and nothing sent out which we do not believe to be good in every respect.

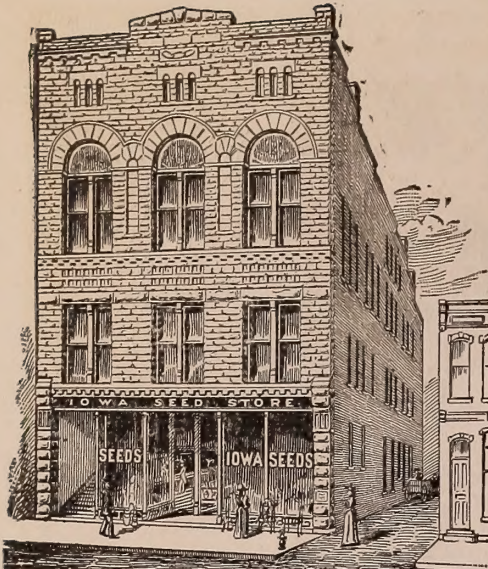
OUR PRICES.—Our constant aim is to make the *highest quality* the first consideration, and next to put our prices as low as good reliable seeds can be sold.

DISCOUNTS.—ON ALL ORDERS FOR SEEDS IN PACKETS the purchaser may select *twenty-five cents' worth extra* for each one dollar sent us. This refers only to seeds in packets, not in bulk. Each year we put up thousands of packets of seeds for free distribution among our customers, by adding liberally of them to orders. We will allow you a discount of ten cents per pound on vegetable seeds, such as are listed as prepaid, if you are willing to have them sent by express or freight at your expense.

SMALL ORDERS.—If you only want a single packet, do not hesitate to send for it. We take as much pains to fill small orders promptly and correctly as we do large ones. Orders for Flower Plants and Nursery Stock, however, must amount to at least fifty cents.

NEWSPAPERS.—Your choice of a year's subscription to either the *Western Garden*, *Rural Northwest*, *Farm Journal* (Phila.), or *American Corn Journal* to anyone ordering seeds to the amount of \$1.00 or more and asking for it in place of other premium.

WE ARE ALWAYS PLEASSED TO RECEIVE SAMPLES OF ANY NEW, RARE OR SUPERIOR SEEDS YOU MAY SEND US FOR TRIAL.



Our New Store—44x133 feet.

THE ILLUSTRATION

On the opposite page will give our out of town customers some idea of the internal arrangement of our store:

FIGURE 1. This is a photograph of our present retail store force. Many of these have been connected with the company from five to eight years. Only a portion of the large retail store room, which is 44x88 feet, is shown in this picture, while the wholesale room, of equal dimensions, lies just back of this. Near the center of this picture the president of this company stands with his hand on the shoulder of Chas. N. Page, who for eleven years past has been the manager.

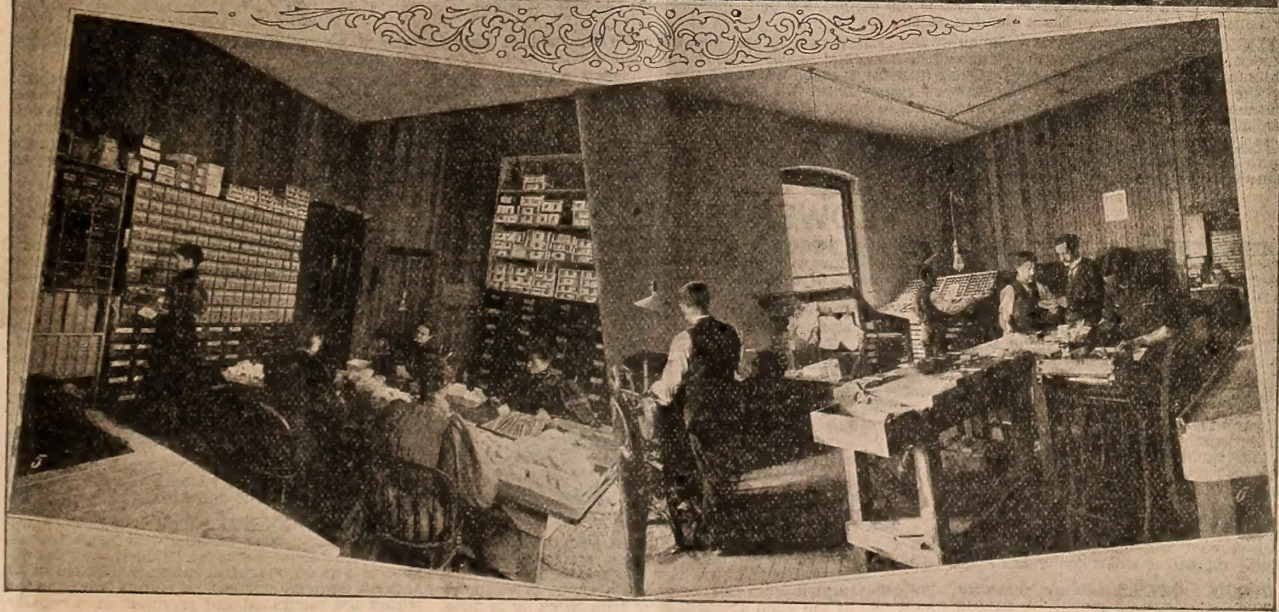
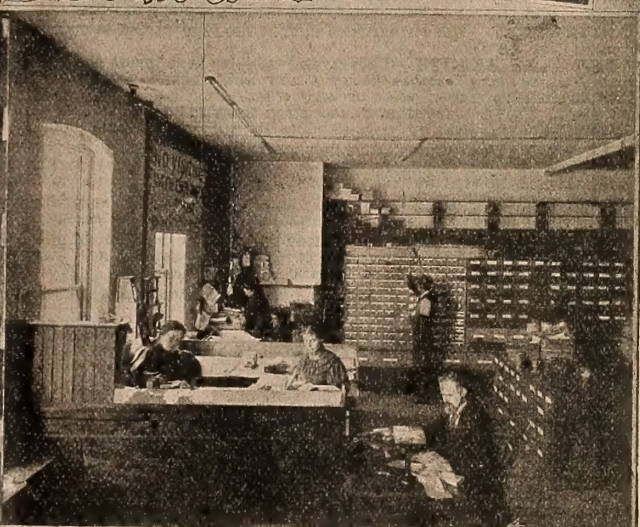
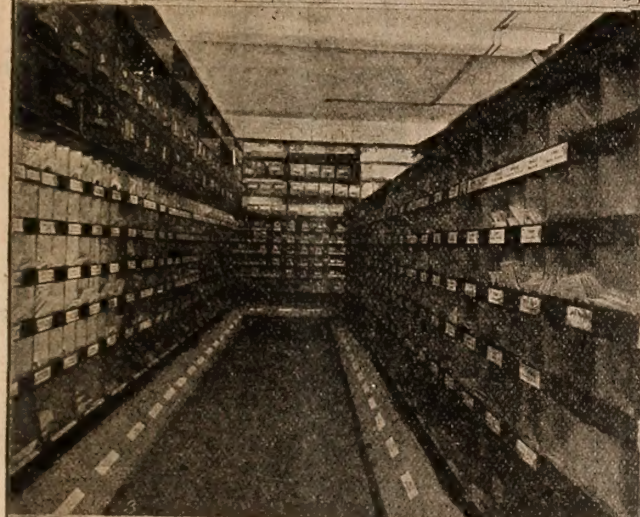
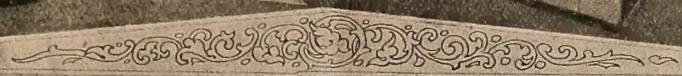
FIG. 2. The Bulk Garden Section.—Where all the varieties of vegetable seeds are arranged in bins and drawers.

FIG. 3. Packet Cases.—A long aisle, systematically arranged with numerous pigeon-holes on both sides, rising tier above tier. Here seeds in packets only are kept for filling mail orders.

FIG. 4. Mailing Clerk's Department.—When an order has traveled through all the various departments and is completely filled, the shallow basket with the written order and parcels of seeds are brought to the mailing clerk and carefully checked to guard against possible mistakes. Shipments to go by freight are filled and checked in the wholesale department down stairs.

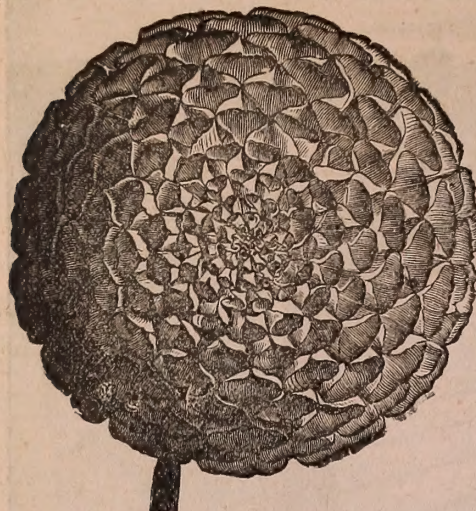
FIG. 5. Represents a Packet Table.—It shows girls working at a large table where seeds of all varieties of flowers and vegetables are, by deft fingers, placed into packets by small graded measures with a precision and rapidity that is truly marvelous to the uninitiated.

FIG. 6. The Printing Office.—Where from two to six printers are constantly employed upon our own work. Aside from what we do in our own printing office, we pay from \$4,000.00 to \$6,000.00 per year to other printing establishments.



DAHLIAS.

Exquisite New Varieties for 1897.



DOUBLE DAHLIA.

SNOW FAIRY.—A little beauty which should be in every collection. The flowers are small, of a most pure, glistening snow white of beautiful quilled form, and borne profusely on long stems. A nice flower to mix with the larger sorts in bouquets. Strong roots 25c each.

COLLECTION.—One strong root each of the four varieties named above for 75c. Plants 10c each, four for 30c.

FERN LEAF BEAUTY.—This grand novelty is a great acquisition and probably the finest of all bedding Dahlias, being a new and distinct type with fern-like foliage and a dwarf, branching habit; color creamy white with a distinct margin of crimson around each petal. This attracted more attention than any other dahlia on our place because of its odd foliage and beauty. Strong roots 75c each. Plants 25c each.

MRS. HAWKINS.—One of the most beautiful of the Cactus varieties and a general favorite; the flowers are large, perfectly formed, and of a rich soft sulphur, beautifully shaded toward the tips and margin of the petals. Strong roots each 40c. Plants 15c.

PENELOPE.—Pure white, delicately flaked lavender; of beautiful form and always perfect; invaluable for cutting and decorations. Strong roots 25c each. Plants 15c.

UNIQUE.—A splendid novelty. Center pure yellow, shaded old gold, tipped and margined rose and shades of blue, giving it a bluish bronze appearance; very beautiful, but not always full to the center. Strong roots 50c each. Plants 15c.

EMPERESS OF INDIA.—A large, handsome show dahlia of perfect form. White striped with lilac. Strong roots 25c. Plants 10c.

ARABELLA.—A magnificent flower and one of the loveliest foliage sorts, sulphur color shaded with bronzy purple and tipped pink and lavender. Strong roots each 25c. Plants 10c.

OTHER VARIETIES.—We have about 200 other named varieties and if you will name the color desired we are sure we can select those which will please you, Strong roots 25c each, \$2.50 per dozen. Plants 10c each, \$1.00 per dozen.

MIXED CACTUS.—This comparatively new class of Dahlias is becoming more popular every year. The flowers are very beautiful, though peculiar in form, somewhat resembling the blooms of the Cactus family. Hence the name "Cactus Dahlia." They grow tall and branch and bloom freely, and are splendid for cutting. Each 20c, \$2.00 doz.

DOUBLE MIXED VARIETIES.—Contains a good proportion of the best scarlet, yellow and white varieties, besides many other shades which are most popular. Each 15c, doz. \$1.50.

FANCY DOUBLE MIXED.—The handsome tipped, striped, spotted and variegated sorts in a splendid mixture. Each 25c, doz. \$2.25.

SINGLE MIXED.—This new series of the Dahlia family has become exceedingly fashionable owing to the value attached to the cut blooms, their airy butterfly-like forms giving flowers a grace never attained by the finest double sorts. The flowers range from 3 to 5 inches in diameter. Vastly different from the old single sorts and of much value for table or corsage bouquets. Each 15c, doz. \$1.50.

PLANTS.—Late in the season we frequently run out of dry bulbs of some of the sorts, and in such case we will furnish strong plants of the same variety which will be mailed at proper season for bedding out.

These showiest of autumn flowers are again becoming popular favorites. Specialists have been quietly at work improving them for many years past and the result has been some most grand varieties. Last year we purchased about 100 varieties from the most noted Dahlia Specialist in the world, some of them costing us \$1.00 each or more, so as to improve our large assortment, so that now we have the finest lot ever offered in any seed catalogue. When well grown the Dahlia is one of the most handsome flowers in the whole list, and especially those of the newer varieties, such as we offer. They are of sturdy growth and covered with hundreds of flowers. The secret of success in growing them lies in having a good, deep, mellow soil, deeply spaded and thoroughly enriched with well-rotted manure. During hot, dry weather we always give them an abundance of water, on the plant as well as at the roots. Sprinkling the foliage daily tends to a vigorous healthy growth. Always put a strong stake by each plant and tie the plant. They will repay a little care and each plant will be a specimen to be proud of. Don't fail to try a few. There is such an endless variety that we think it best to describe only a few sorts. The first four are illustrated on cover of this catalogue.

NYMPHÆA.—(The Pink Water Lily Dahlia.) This variety is the ideal cut flower Dahlia, commanding when cut a higher price than roses. The flowers are of perfect form, always full to the center; of exquisite finish, being soft, delicate, waxy and graceful. The color is a clear, bright shrimp pink, shading slightly darker toward the outer petals. The plant is very strong and vigorous and produces the flowers, which are borne on long stems well supplied with buds and foliage, in the greatest profusion until cut down by frost. See illustration first page of cover. Strong roots each 25c.

GOLDEN BALL.—A most beautiful large, pure, deep yellow flower shaded with old gold. Perfectly double. A strong grower and most profuse bloomer; will be greatly admired wherever seen. Strong roots each 25 cents.

CRIMSON KING.—A large ball-shaped flower of most handsome, rich, dark crimson glowing color, very double. Strong roots each 25c.



SINGLE DAHLIA.

We can furnish plants of any of the varieties not priced higher in above list for 10c each, \$1.00 per dozen.

THE DAHLIA BOOK.—The only American book on this subject, and it is a clear, concise, yet comprehensive treatise. Beautifully illustrated and printed on heavy enamel paper. Has chapters on the classification of varieties, propagation, soil and manure, cultivation, exhibitions, etc., etc. Should be in the hands of every one who has a dozen plants or more. Price 50c, postpaid, or we will send a copy free to anyone ordering Dahlias to the amount of \$3.00 or more.

FLOWER SEED NOVELTIES.

NEW PINK MARGUERITE CENTAUREA. (Novelty 1897.) When the new Marguerite Centaurea was introduced a few years ago we thought it one of the handsomest flowers that we had ever seen, but it has sported in the garden of one of our customers and produced a most exquisite flower of same shape and size as the parent plant, but of a most beautiful shell pink color. Plant is about 15 inches in height and of the easiest culture, blooming freely from seed in a few weeks. The large flowers are deliciously scented, delicately lacinated and produced profusely on long stems which render them valuable for cutting. It is of most unique beauty and all our customers should have it in their gardens. Per pkt. 10c.

CALIFORNIA YELLOW BELLS.—Forms a broad bush from 18 inches to 2 feet high; fairly loaded with bell-shaped, pedicel flowers, a ½ inch long, and of a delicate cream color. Pkt. 5c.

SPoon Gourd.—Color creamy yellow, capped and striped green. A unique spoon or ladle. A useful article in many ways. Pkt. 5c.

BEGONIA ERFORDIA.—A little beauty and most profuse bloomer from early summer until late autumn; even a light frost will not hurt it. Color a lovely soft pink throughout. The leaves and leaf stalk are of a rich coppery bronze. Per pkt. 15c, 2 pkts. for 25c.

PERENNIAL CHRYSANTHEMUMS.—From a superb collection of the best varieties so cross fertilized that it will produce a wonderful variety of flowers, perhaps no two alike, and possibly some great novelties. They are easily grown from seed. Per pkt. 10c.

GOLDEN GLORY CALLIOPSIS.—A continuous and persistent bloomer. The plants are a perfect glory of large golden blossoms; double the size of the older sort. They are prettily toothed at the edges. It is a fine winter bloomer. Per pkt 10c.

DIAMOND FLOWER.—A dainty little annual with tufts of tiny foliage, and beautiful little white and blue flowers that bloom within a month from the time seed is sown. It will grow in the open ground, over rock-work or in pots, never exceeding three inches in height. Pkt. 8c.

NEW MAMMOTH HELIOTROPE.—Grown from seed, and from a single packet a large number of strong, healthy plants are produced which would cost 10 to 25c each at the florists. This superb new variety is a strong grower, producing a constant succession of immense heads of flowers. In color it varies from almost a pure white to the most deep dark blue. Start seeds early in the house. Per pkt. 10c.

NEW FANCY FLOWERING GIANT PETUNIAS.—Unquestionably the finest selection of petunias in existence. Of enormous size (four to five inches across), and exquisitely ruffled and fringed; of colors, markings, veining, blotchings and stripings in the most grotesque and beautiful combinations. Pkt. 20c.

RAINBOW COLEUS.—This is a greatly improved variety with wonderfully large leaves, which are curled, serrated, fringed and lacinated in a most beautiful manner. There is an almost endless variety of colors and shades which are variegated and marbled in a regally brilliant manner. Per pkt. 15c.

Grand Imperial Japanese Morning Glories.

GIGANTIC FLOWERS. MAGNIFICENT FOLIAGE. EXQUISITE NEW COLORS.

The vines of this new race of Ipomoeas are of strong and robust growth, attaining a height of from thirty to fifty feet. The foliage is most luxuriant, distinct and varied; some vines have rich, vivid green leaves, others have silvery leaves, some with yellow leaves, and many produce leaves mottled and checkered like rich mosaics of light and dark green, white and gray. But the surpassing charm of these **Imperial Japanese Morning Glories** lies in the entrancing beauty and gigantic size of the flowers; they measure from four to six inches across, and their greater substance causes them to remain open much longer than ordinary Morning Glories. The colors of the flowers, shadings and markings are limitless, and are really wonders of nature, of such incomparable beauty that descriptions are inadequate. Some flowers are of deep, rich velvety tones, others more daintily tinted and shaded than an artist's brush could portray. The solid colors range through reds from soft rose to crimson, bronze and garnet maroon; from daintiest light blue to ultramarine, indigo and blackish purple; from snow white to cream and silvery gray; some are striped, starred and spotted; others have magnificent edges and throats. Over 200 distinct varieties have been counted. They grow readily from the seed, delighting in plenty of manure, water and sunshine. Pinch back the vines so as to let them grow only 4 to 6 feet high and they will produce more flowers. The double flowering sorts are superb and must be seen to be appreciated to their full value.

CHOICEST SINGLE MIXED.—Per pkt. 10c.
CHOICEST DOUBLE MIXED.—Per pkt. 15c.

GIANT FLOWERED MORNING GLORIES.

A mixture of choice, new, large flowering varieties. This includes the renowned "Heavenly Blue," the striped, blotched and marbled varieties, new yellow flowering, Japanese, etc. The plants are of vigorous, rapid growth, attaining a height of twenty to thirty feet. Per pkt. 5c, oz. 40c.

NEW DOUBLE-FLOWERED MORNING GLORIES.

A splendid novelty of rapid growth, and produces its double flowers very freely. They are white with a slight spot of red or blue at the base of the larger petals. About 80 per cent of the seedlings will reproduce themselves true from seed; the remainder will flower semi-double or single. Seeds should be sown as early as the ground can be worked in the spring, or can be sown in the house and transplanted outside as soon as the weather permits, so that a long season of beautiful flowers may repay you. Truly a lovely addition to the floral kingdom. Per pkt. 10c.



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IMPERIAL JAP. MORNING GLORY.

EARLY DAWN COSMOS.

This new variety is bound to become popular on account of its extreme earliness. It blooms fully two months ahead of any other cosmos, making it of special value. Seeds sown in open ground in May produce blooming plants before the middle of July, or in about two months from the time of sowing, and continuing until destroyed by frost. The flowers are a little smaller than the late kinds, but its earliness and profusion of bloom through a much longer season will more than compensate for any lack of size. The plants have fine, feathery, light green foliage and delicate rose, purple, white and lilac flowers, which are produced on long stems and are very desirable for bouquets, as they will last a week after cutting. Well worthy of a trial by all who wish a free blooming plant of the easiest culture. Mixed colors, per pkt. 10c.

MAMMOTH PERFECTION COSMOS.

The glory of the autumn garden. The flowers are double the size of the old large flowering cosmos, measuring 12 to 15 inches in circumference; the petals are broader and overlapping, forming a perfectly round flower deeply ribbed and of splendid substance. Flowers are white, pink or crimson, enlivening the garden long after more tender flowers have succumbed to early frost. If grown in pots and housed by the end of September they will flower all winter. Seed should be sown early in the house as they are quite late. Per pkt. 10c.

LEGION OF HONOR MARIGOLD.

Now don't say, "It's only a marigold," and pass it by, for this is the prettiest of all, and in fact few would take it to belong to that family. It is dwarf, compact and of pyramidal growth, with dark green, fern-like leaves. The blooms are of medium size, rich golden yellow with the center of each petal broadly marked with velvety crimson brown. Per pkt. 5c.

SALMON QUEEN DIANTHUS.

Its flowers are of a very distinct and perfectly new tint in this class, being of the most brilliant salmon color imaginable, changing into a salmony rose when fading. Per pkt. 10c.



EARLY DAWN COSMOS.

CELOSIA "OSTRICH FEATHER."

This new Feathered Celosia produces very large crimson plumes, which are exquisitely curved and curled, in exact resemblance of an ostrich feather. The plant grows about three feet high, is of handsome pyramidal form, and the numerous massive plumes, waving gracefully above the foliage, make it one of the most effective ornamental plants for either pot or out-door culture. It is of easy cultivation, requiring the same treatment as ordinary coxcomb. Pkt. 10c.



OSTRICH FEATHER CELOSIA

GOLDEN GLOW COXCOMB.

Thousands of persons last summer visited the place where we have our flower seeds and bulbs grown and many were attracted to this charming novelty which was all aglow with its golden beauty. Plants are about eighteen inches high and produce handsome flowers, six to ten inches in diameter and of a most bright, rich golden yellow color, different and more velvety than the yellow in any other flower that we know of. Sometimes the plant has only one large flower, and sometimes quite a number of smaller ones. Every flower lover should try it. Per pkt. 10c.

HIGHLAND PANSIES.

The most exquisite new varieties, grown by a celebrated pansy specialist in Scotland. Their merit consists of uniformly clear, distinct markings, high colors, perfect form and largest size. They are sure to please. Per pkt. 20c.

NEW SWEET PEAS.



DAYBREAK.—The first novelty of his own that Mr. Hutchins, the noted sweet pea specialist, has offered, and is the best original sort he has been at work on. In color it has a white ground and on the reverse of the standard is a crimson scarlet cloud, which shows through in the fine veins and network, giving to the center of the front of the standard a fine crimson-scarlet watered effect, the outer margins being white. The wings are slightly flaked with crimson. Per pkt. 10c.

ODDITY.—Has a peculiar irregularity of form in the flowers; the standards are inclined to curl considerably. Another distinct feature is that the stems are unusually heavy and strong; they generally bear four flowers on each. In color the flowers are a pale carmine edged with bright rose, giving it the appearance somewhat of a red-edged variety. It is a remarkably strong grower, and with its heavy stem, curly standard, and peculiar coloring, with a sort of netted surface, is certainly attractive. Per pkt. 10c.

CUPID.—A most unique floral novelty; indeed a superb novelty, and distinct from all other varieties. Fancy a solid area of deep green—just as green as cypress or myrtle—a carpet of plants only five inches high, spreading out from the roots so as to meet when the seed is planted two feet apart in rows; then fancy this carpet of deep, living green springing into blossom in one week, all a mass of clear waxy white sweet peas on stems four to six inches long and a hundred on a plant; all white—like a mass of



snow. Indeed, so strongly contrasting with the deep green foliage that the purity of the whiteness of Cupid's flowers seem even whiter than snow itself! Per pkt. 10c.

PERFECTED MIXED SWEET PEAS.—All the choicest new varieties. Per pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 85c.

FINE MIXED SWEET PEAS.—Per pkt. 2c, oz. 5c, ¼ lb. 15c, lb. 40c.

NEW DOUBLE SWEET PEAS.—"The Bride of Niagara."—A great novelty and one which our customers will take pleasure in cultivating. There are two or three standards, or upright parts, of a clear rose color, while the other parts are white. The duplicate or triplicate banners make it remarkably showy, and render it more durable as a cut flower. Colors pure and beautifully blended; of the sweetest fragrance. Per pkt. 15c.

STRIPED JAPANESE MAIZE.

An ornamental foliaged plant of rapid growth, giving immediate effect, and one which would be attractive in any garden. It is from Japan, but appears in many respects like corn. Grows five to six feet high and has alternate foliage, the leaves being very long and two to three inches wide. The variegation does not begin to show until the fourth or fifth leaf, when the leaves become striped with broad bands of white, changing soon to narrow stripes or ribbons of alternate clear white and brightest green, occasionally showing faint tinges of pink or rose color at the edges. The leaves are waxy and gracefully recurved. Our illustration does not do it justice. Desirable for groups on the lawn, or in ribbon beds, or a back border to the lawn. Per pkt. 5c, oz. 20c.



STRIPED JAPANESE MAIZE.



LATANIA BORBONICA PALM.

LATANIA BORBONICA.—This is the typical palm, and is more largely used than any other. Its strong healthy habit commends it to all, and gives it a fitness for window and room culture not possessed in the same degree perhaps by any other. It is the Chinese Fan Palm from which the palm leaf fans of commerce are made. Per pkt. 10c.

CHAMEROPS EXCELSA.—From southern China and Japan. Very hardy. One of the very best palms for house culture in cool climates, forming a fine specimen, standing ill usage remarkably well. Very handsome palmate leaves. Per pkt. 10c.

PHOENIX DACTYLIFERA.—A native of northern Africa. This is the palm from which the date of commerce is obtained. It is grown in some parts of California successfully from a commercial point of view. Produces fruit when about ten years old. Exceedingly beautiful for pot culture and very hardy. Per pkt. 10c.

WASHINGTONIA FILIFERA.—This is one of the very best window palms, needing no petting to succeed. Stands dust and dry air, and lack of sunshine, and is very ornamental with its elegant fan-shaped leaves of a rich, dark, leathery green. Picturesquely fringed with long, thread-like filaments along the segments of the leaves. The plant is a compact grower, well adapted to pot culture, succeeding in any situation, and with any treatment that will keep a geranium alive. Pkt. 10c.

A GRAND OFFER.—One packet each of the above four varieties for 25 cents; five packets of each for \$1.00. We furnish plants of the Latania Palm at 25c each postpaid. Larger plants \$1.00 to \$5.00 each by express, not prepaid.

GOLDEN BALL ASTER.

The long sought novelty—a yellow aster—has finally been produced and will be warmly welcomed by all flower lovers. The form of the double flower is a perfect ball. The quills are close together and of the brightest sulphur yellow. The flowers are borne upon long, erect stems, excellent for cutting. The plant is twelve to fifteen inches high, of compact, bushy growth, and most abundant bloomers. Per pkt. 10c.

NEW WHITE BRANCHING ASTER.

One of the best floral novelties and one which every flower lover should try. The flowers are borne on very long stems and are pure white, of extraordinary size, being four inches or more in diameter. The petals are broad, long, and many of them more or less twisted or curled in such a manner as to give the blooms the appearance of large loose and graceful chrysanthemums. The plant is a strong grower and its tendency to form numerous branches is very marked. Pkt. 10c.

ELEGANT PALMS.

These have for centuries been considered exclusively for the rich, the plants usually selling at \$3.00 to \$100.00 each, and in some cases fine plants of the rarer sorts have brought as high as \$1,500.00 each. It is now known, however, that they are easily grown from seed, and we have secured a large lot of nice fresh seed for our customers so that we can furnish it at such a low price that everyone could supply themselves with these beautiful and elegant plants. Directions for growing printed on the packet.



GOLDEN BALL ASTER,

PEERLESS MIXED BALSAMS.

Several European and American specialists have been devoting much of their time during the past few years to improving this popular flower, until now we have a plant which is worthy a place in any garden, and will prove satisfactory to the most fastidious. The flowers are of the most perfect camella-flowered and rose-flowered types, intensely double. The plants are of ideal, symmetrical shape, fairly loaded with flowers and a continuous bloomer, sometimes 500 magnificent large blooms on a plant at once. Pkt. 10c.

MADAM GUNTHER'S HYBRID NASTURTIUMS.

For richness and variety of colors these new hybrids have no equals among nasturtiums. The foliage is mostly dark, contrasts very effectively with the flowers. They are climbers and are free and continuous bloomers from white through all shades of pink, red, carmine, crimson, salmon, golden yellow to the deepest brown and maroon—nearly black—all striped, shaded and blotched in an indescribable manner. Per pkt. 10c.



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MADAM GUNTHER'S HYBRIDS.—NASTURTIUM.

GAY AND FESTIVE NASTURTIUM.

A new and greatly improved strain of dwarf nasturtiums from California, showing a most charming combination of colors. Flowers unusually large and very beautiful. Every flowerlover should plant a bed of them this year. Thirty distinct varieties mixed. Per pkt. 10c.

FAIRY ROSES.

These little beauties are very easily grown from seed. The roses are only about an inch across, usually very double, but occasionally semi-double, and seldom single; they are borne in large clusters and are of many colors. What is most remarkable these Fairy roses grow only 10 to 15 inches high and commence blooming in a few weeks after the seed is sown, and continue year after year in uninterrupted profusion from May until frost. They also make nice pot plants for winter blooming. Pkt. 15c.

MOTHLY TEA ROSES.

Double mixed colors. Blooms the second year. Pkt. 10c.



PEERLESS MIXED BALSAMS.

AMERICAN BANNER LARKSPUR.

The handsomest flower in the entire catalogue. The accompanying illustration presents a single stem, showing how loaded the plants are with flowers. The name *American Banner* was given it because it is the only flower we know of which combines the national colors, red, white and blue, in each flower. Plants grow to a height of about two feet, of good, regular shape, with delicate, fern-like foliage, a vigorous grower, and is not injured by dry weather. The plants are fairly loaded with long spikes of double striped and blotched flowers, having the various shades of pink, carmine, dark blue, purple and white, delicately and beautifully blended, sometimes four or five shades on a single foret. Pkt. 10c, 3 for 25.

BEGONIA ERFORDIA.

A little beauty as well as a most distinct novelty. It is a most profuse bloomer from early summer until late autumn; even a light frost will not hurt it. The color of the flower is a lovely soft pink throughout. The leaves and leaf stalk are of a coppery bronze of a rich shade. Per pkt 15c 2 pkts. for 25c.

FAIRY ROSE.



INTERNATIONAL MIXED PANSIES.

In almost every country in the world there are pansy specialists, notably those of Scotland, Belgium, France, Germany and Switzerland. Each have their idea of perfection. This mixture consists of a grand assortment from the world's leading growers. Here will be found the beautiful German pansies, with their rich, soft, velvety colors; the lovely striped and mottled pansies from Belgium, which contrast so strongly with all others; the face pansies of England, in which one can almost see the human face, because of their peculiar spottings; the self colors of Switzerland, which are attractive because of their pure coloring; the fancy show pansies of Scotland, of bright contrasting colors and rare spotting, flaking, feathering and edging; the mammoth pansies of France, which have been grown to the enormous size of four inches in diameter, and are decidedly showy; and also the many choice American strains, which are mainly made up by selecting and crossing the foreign sorts. If you like pansies you must have the International Mixture. Per pkt. 25c, 3 pkts. for 50c, 7 for \$1.00.

GLOBE OF GOLD SUNFLOWER.

A dwarf, well branched plant growing only about three feet high, and each of its numerous branches carrying a medium sized, densely double, globe shaped flower of rich deep, golden yellow color, being veritable globes of gold. The most densely double of any sunflower. They are easily grown from seed and produce handsome, symmetrical plants, very effective on lawns or in the flower garden. Per pkt. 10c.



GLOBE OF GOLD SUNFLOWER.



AMERICAN BANNER LARKSPUR.

FLOWER PLANTS.

A specialty with us, and we are devoting a large space to the growing of flower plants exclusively for the mail trade, as they require special culture for this purpose, and must be hardy as well as strong, vigorous and healthy. Our system of packing is so very complete that plants arrive in almost as perfect a condition after traveling many hundreds of miles as they were when packed. At prices named we send the plants postpaid. Orders for plants must amount to at least 50c. We will furnish plants amounting to \$1.10 for \$1.00, \$2.25 for \$2.00, \$6.00 for \$5.00.

BEGONIAS.

VERNON.—Of unusual value for bedding, as it will stand the hot summer sun. Comes into flower in June and continues to make a most striking effect in beds or borders throughout the entire summer. The flowers are of a brilliant, deep red color; the foliage is very abundant, stiff and glossy, and of a fine, green color, spotted and margined with bronze purple. It thrives everywhere and is equally good as a winter bloomer. It makes fine, stocky plants, which are covered all winter with the beautiful crimson flowers, and so easily cared for that everyone should have it. See cut. Each 15c.

LOUIS ERDODY.—This interesting and curiously handsome new variety of the Rex family has a distinct form and peculiar leaves, unique and striking. Each 35c.

METALICA.—This elegant variety has very large, glossy leaves shaded with green, crimson and olive, with a peculiar metallic lustre over all; flowers a clear pink, shaded white; a grand pot plant. Each 10c.

RUBRA.—One of the finest, a constant bloomer; color scarlet rose. Each 10c.

REX.—A magnificent class of house plants, remarkable for the variety and beautiful markings of the foliage. Each 25c.

ARGENTEA GUTTATA.—It has purple bronze leaves, oblong in shape, with silvery markings, and is in every way a most beautiful begonia. White flowers. Splendid for house culture. Each 15c.

SEMPER FLORENS GIGANTEA ROSEA.—A superb variety, strong, upright growth; fine, large flowers of clear, cardinal red, and the bud only exceeded in beauty by the open flower. Each 25c.



VERNON BEGONIA.

UMBRELLA PLANT.

(Cyperus.)

An ornamental and very striking plant as shown by the cut. It throws up slender, round stems from two to three feet high, surmounted at the top by a whorl of flat, ribbon-like leaves, diverging horizontally, giving the plant a very curious appearance. This curious effect is still further heightened when the odd, golden-green, tassel-like flowers appear on the top of the whorls, as shown in the cut. It is a splendid decorative plant, being as ornamental as a Palm or Fern, and above all, it is as easily grown as the commonest weed. As it will thrive in shade as well as sun it is an excellent plant for the dining-room table; or as a water plant in very moist spots or even in shallow water. When treated as a pot plant it should have an abundance of water. Nice plants, 15c each.

SWAINSONIA.

We bring prominently before flower lovers this distinct climbing plant for house culture and protected spots in the garden. The Swainsonia belongs to the Leguminosae, and is a native of 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 a splendid profusion of 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 or conservatory culture to-day that is more desirable than this fine, new plant. Strong plants, by mail, 15 cents each; 4 for 50 cents.

CLIMBING METEOR ROSE.

This new rose might, from its rich red color, almost be called a "Perpetual Blooming Climbing General Jacqueminot." It is a rose which will make 10 to 15 feet growth in a season, and blooms almost constantly. Buds exquisite; flowers large, beautifully shaped, and of that rich, dark, velvety crimson color seen only in the Jacqueminot. A fine rose for summer blooming, as it makes a large growth and is loaded with glorious blossoms. Each 25c.

SNOW QUEEN PETUNIA.

An extra choice new double white variety which for profuse flowering qualities is unsurpassed and for keeping has no equal. Plant grows about two feet high and often has 200 to 300 flowers on at a time and blooms throughout the season. Flower is of medium size, scalloped, pure snow white and of great substance. Desirable both for out door bedding and winter blooming in the house. Each 10c.

Hanging Basket Collection.

We have selected six of the best, most suitable and easily grown varieties of plants, which, when arranged in a hanging basket will make a beautiful effect and at all times be a most ornamental basket.

ABUTILON, Eclipse.—Of trailing habit, with beautiful foliage. Flowers bright yellow with crimson throat. Each 15c.

BEGONIA Rex.—Each 25c.

FUCHSIA, Trailing Queen.—Of a drooping habit. Flowers borne in clusters. Each 15c.

VINCA Major.—Leaves handsomely variegated. Flowers bright blue and very showy. Each 10c.

SWORD FERN.—Very popular. Each 25c.

WANDERING JEW, Variegated.—Each 10c.

THE ENTIRE COLLECTION FOR 75 CTS.



UMBRELLA PLANT.

20 PLANTS
Beautiful Everblooming
PREPAID FOR \$1.00

That every flower lover in America may afford a collection of greenhouse plants we have grown these 20 kinds in large quantities so that we might afford to send this large number for the very low price. They are all choice plants suitable either for house culture or outdoor vases or bedding. They are not little slips, but good plants which we are sure will please you. Please remember that they are all to be our selection of varieties; we cannot allow you to select at this price. Many of these plants are choice high priced sorts, of which we have a surplus at the time order is filled. 20 for \$1.00.

INDIA RUBBER TREE.

The large, shining, green leaves endure the dry air of a living room as well or better than any other plant, this is why everybody likes it. Each 60c.

PALMS.

These most grand and elegant plants should be more largely grown. We can furnish plants of any of the varieties described on page 4, at 25c each, by mail postpaid. Larger plants at 50c to \$5.00 each by express. We will furnish free to our customers who desire it a circular on the care of palms. They are of most easy culture if you know their wants, and the circular describes splendid methods for their culture.



SWAINSONIA.



CARNATIONS.—1, *Silver Spray* 2, *American Flag*.

PARROT'S FEATHER.

An aquatic hanging plant is a novelty indeed, and we have it to perfection in this dainty little jewel. Its long trailing stems are clothed with whorls of the most exquisite foliage, as finely cut as the leaves of the Cypress Vine, and much more delicate. Planted in a water-tight hanging basket, will trail finely. Each 15c.

MANETTA.

BICOLOR.—Possesses many real points of merit. Succeeds well when bedded out, as it grows rapidly and blooms freely all summer. It is especially adapted to winter blooming in the house. A constant bloomer. Color vivid crimson scarlet, tipped with golden yellow. Each 10c; extra large plants 25c.



FUCHSIAS.

These, when in full bloom, are the most graceful of all cultivated plants.

MRS. E. G. HILL.—The most perfect and beautiful double white fuchsia ever raised.

The short tubes and sepals are a bright, rich, reddish crimson color, corolla extra large, full and double; flower of the largest size; is of robust, upright growth, compact and very symmetrical. Each 15c.

BLACK PRINCE.—Tube and sepals bright waxy carmine, sepals large and broad with pale green tips; large, open, pale pink corolla. They are easily grown in tree form. Each 10c.

PHENOMENAL.—Very large flowered sort; sepals bright scarlet with rich violet purple corolla, very double, flaked with red. Each 10c.

STORM KING.—Of enormous size. The sepals are glowing scarlet crimson, while the large double corolla is of delicate waxy whiteness, elegantly penciled with deep, bright crimson. Each 15c.

SPECIOSA.—Sepals bluish, corolla carmine. Each 10c.

LITTLE BEAUTY.—A charming variety and the freest flowering of all Fuchsias. It begins to bloom when only two or three inches high and continues to flower the year round. Flowers of good size. Tube and sepals bright red, corolla deep purple. Each 15c.

TRIFOLIATE ORANGE

CARNATION.

Fragrant flowers are always sought after, and the rich, spicy odor of the carnation, combined with various colors and handsome form, leaves but little to be desired. They are very easily grown and bloom freely.

SILVER SPRAY.—A grand, pure white, early and free-flowering carnation of healthy, vigorous growth; makes fine bushy plants, and bears an abundance of flowers on long stems; never bursts; petals, finely fringed and very fragrant; an excellent variety, and best of all for general use. Each 15c.

AMERICAN FLAG.—An immense, strong, vigorous grower and profuse bloomer. Very fragrant. The color is distinct from any other variety, being distinctly and regularly striped vivid scarlet and pure white, giving it a most novel and striking effect. Each 15c.

PRESIDENT GARFIELD.—Deep red, fine large flowers of great substance. A very good variety. Each 10c.

TIDAL WAVE.—Flowers very large and perfect in form; color bright rosy pink, changing to a beautiful soft pink with salmon shading when flowers are fully expanded. Excellent variety for pot culture. Each 10c.

GOLD FINCH.—A beautiful, new, golden yellow carnation, with not a particle of stripe or foreign color; full and double; free, vigorous and healthy grower and continuous bloomer. Produces a great number of flowers. Each 15c.

WM. SCOTT.—Rich pink, shaded salmon, large sized finely fringed flowers. Each 15c.

SANSEVERIA.

ZELANICA.—A singular plant, eminently adapted for decorative purposes in parlors, etc. Dark green, beautifully striped crosswise with white. Flowers white. Each 25c.

SWORD FERN.

One of the most popular sorts. Splendid for pots, vases or hanging baskets, but especially desirable grown in the wire hanging baskets, in which they thrive well and make wonderfully ornamental plants. Each 25c.

TRIFOLIATE ORANGE.

The most hardy of the orange family, and will stand our northern climate with a little protection, and is also desirable for pot culture. It is dwarf, of a low shrubby growth, with beautiful, trifoliolate, glossy green leaves, and an abundance of large, white, sweet scented blossoms, borne almost continually. The fruit is small and bright orange red in color. A plant of great beauty. Each 25c.

SOLANUM JASMINOIDES GRANDIFLORUM.

This beautiful plant is of trailing or climbing habit, but if desired can be cut back to a bush form. It has star-shaped flowers, borne in large clusters or panicles frequently a foot across. They are in color a pure white with violet tinge on the back; equally a good bloomer in summer and winter, and is wonderfully effective when planted to cover a low wall or trellis, showing hundreds of fine panicles of bloom. Each 15c.

WATER HYACINTH.

One of the most remarkable, curious and beautiful plants we have ever grown. Instead of growing in soil it floats in 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 into the soil. It forms a lovely rosette of its curious, shining green leaves, and throws up spikes of the most exquisite flowers imaginable, resembling in form a spike of hyacinth bloom, but as beautiful as many of the choicest and most costly orchids. Each flower is as large or larger than a silver dollar; color a beautiful, soft lilac rose, sparkling as if covered with diamond dust. The upper petal, which is the largest, has a large metallic blue blotch, and in the center of that a small, deep, golden yellow spot. Each 15c.



SANSEVERIA.

FUCHSIAS.

TRAILING QUEEN.

Of beautiful trailing habit, fine for hanging baskets. Each 15c.



SWORD FERN.



SOUVENIR DE MIRANDE.

SINGLE GERANIUMS.

Souvenir de Mirande.—The finest geranium of late introduction, and the greatest novelty that has appeared in years. Entirely distinct from any other variety known. It has nicely formed, round florets; upper petals cream white, with distinct salmon rose border; lower petals salmon rose, streaked with pure white; very free flowering and produces fine trusses of its magnificent blooms. The large engraving shows its peculiar stripings. **Bridal Wreath.**—Similar to Souvenir de Miranda, but colors opposite, being a pink body color with white edge. **Jealousy.**—Large orange yellow. **La Vestal.**—The best single white. **Peach Blossom.**—The color of a peach blossom exactly. **Mrs. A. Blanc.**—Apricot red, veined darker, with center of vinous rose. **Mad. Du Lac.**—Beautiful bright rose, upper petals blotched pure white. Large trusses of fine shaped single flowers. **New Life.**—The flowers are vivid scarlet, irregularly striped with salmon and white like a carnation; truss good, very free flowering; sports, sometimes, no two flowers alike, very attractive and popular. Any of above sorts 10c each, \$1.00 per doz.

The Wonder.—The flowers are the most intense, dazzling scarlet, and are borne in great trusses of enormous size, measuring from 18 to 20 inches in circumference, with single florets measuring 7 inches in circumference. The foliage is fine and rich in color, and in strong contrast to the brilliant scarlet flowers. Each 15c.

CHRYSANTHEMUM.

These are now, and deservedly, the most fashionable of all autumn flowers.

Louis Boehmer.—The splendid new Pink Ostrich Plume Chrysanthemum. Grand flowers, splendid globular form; petals broad and lasting and thickly covered with fine, downy hairs so much admired; color deep, rich pink; solid and fine. Plant strong and vigorous. Each 15c.

Eiderdown.—Large, perfectly double, incurved, snow white, late Japanese variety, covered with glandular hairs; habit perfect, stems stiff and erect. Each 15c.

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. Center a slightly twisted incurve.

Yellow Queen.—The finest very early variety ever introduced, having been cut in fine condition on the 10th of October. Very large clear, bright yellow with extra stout stem and foliage. It also develops its flowers to perfection in open air without protection. **Challenge.**—A large, perfect globe of the brightest gold, depth and width being equal; a very strong stem and good foliage. This is a magnificent new sort which will delight all flower lovers. Plants are fairly loaded with flowers. **Kiota.**—Soft, clear, incurving yellow; full in the center, 6 to 7 inches in diameter and nearly as deep. **Constellation.**—Nearest to a true pink yet introduced. Good sized flowers with straight petals. **Joanna.**—One of the very finest bronze to date. Extra large, beautiful, half globular form, with incurved, shapely petals of solid build; carries flowers erect on stiff stem; heavy deep green foliage, well up to flower; late. **The Bard.**—Extremely double, reflexed variety of medium size. Color a rich crimson, with outer edges of petals tinged with gold. Vigorous grower. **Ivory.**—Flower a perfect ball of purest white, very double and of immense size, some being 6 inches in diameter. **Jessica.**—A most beautiful, clear, pure white, with very long petals. A large flower of splendid shape. Plant a vigorous grower; early and profuse bloomer. Any of the above varieties, each, 10c. 15 Chrysanthemums, our choice of varieties, \$1.00.

Remarkable Geranium.—This is the best double white geranium ever introduced; a strong grower and profuse bloomer; trusses very large; flowers beautifully formed and of the purest snowy white; plant is of close, compact habit, and remarkably free flowering. Any of above sorts 10c each, \$1.00 per doz.



REMARKABLE GERANIUM

DOUBLE GERANIUMS.

Remarkable.—As will be seen by our illustration, the habit of growth is dwarf and compact, making this variety one of the most desirable for pot culture. Has perfect trusses of miniature rosebud florets, which are wonderfully attractive and pleasing. The color is the brightest possible scarlet crimson; the substance most lasting. It is entirely unique, afterwards opening to a very handsome bright flower. Of hardy, vigorous, healthy habit of growth. Each 15c.

Brunati.—Fine double bedding geranium. The foliage is round nicely zoned, having great texture and substance. The color of the flower is light vermilion red; trusses exceptionally large and borne in immense spherical balls often eight inches in diameter. Each 15c.

S. A. Nutt.—A very fine, dark, deep, rich, velvety maroon; an excellent bedder and a perfect pot plant. **Mrs. E. G. Hill.**—A most distinct and pleasing shade of salmon with light shading at the center. **Marvel.**—Very large, dark, velvety scarlet. A glowing color. **Leon Say.**—Large bold trusses of dark vermilion-red. Darkest of any geranium. Fine for bedding. **Gold Finder.**—A rich, golden, orange scarlet, its large trusses opening freely, the habit being as free and robust as that of any other variety. Yellowest of all geraniums. **Glorie de France.**—A grand variety; flowers large and double; center distinct; dark salmon with large border of rosy white. **Harriet Thorpe.**—Delicate blush, shaded with pearl pink; trusses large and well shaped. **La Favorita.**—This is the best double white geranium ever introduced; a strong grower and profuse bloomer; trusses very large; flowers beautifully formed and of the purest snowy white; plant is of close, compact habit, and remarkably free flowering. Any of above sorts 10c each, \$1.00 per doz.

PANSY GERANIUM.

This variety, though not new, is one of great merit. The flowers are of medium size, and have a white throat. Each petal is shaded toward the center with a rich lavender pink and a dark maroon blotch in the center. This should be in every collection of plants as it is very handsome and will attract much attention. Each 25c.

IVY LEAVED GERANIUMS.

Charles Turner.—Handsomest of any Ivy Geranium. The flowers are very double, full and perfect in form; color rich, deep pink. Each 15c.

Jean de Aroh.—Very large and finest white in existence. Each 10c.

P. Crozy.—A hybrid between the Zonales and Ivies. The color is soft, bright scarlet with veinings of maroon. Habit of plant very dwarf and compact, and one of the most prolific flowering sorts in existence. Each 15c.



LOUIS BOEHMER CHRYSANTHEMUM.

ROSES.

The flower of flowers. Everyone should have them in profusion. Our stock is unexcelled.

EVERBLOOMING MONTHLY AND HYBRID TEA ROSES.

EMPRESS AUGUSTA VICTORIA.—The finest white rose in existence for summer blooming. It is a true Tea Rose, soft pearly white, remarkably fragrant, a strong, healthy grower, with bold, beautiful foliage. It is a continuous bloomer, the buds being of elegant perfect shape; full, open flower, is unsurpassed and shows no center. Each 20c.

CHAMPION OF THE WORLD.—The champion bloomer, commencing to bloom as soon as potted from the propagating bench, and continues in the greatest profusion all the time. It is claimed that one plant of it will produce more flowers during the year than ten plants of any Tea rose. Blossoms are perfectly double to the center, of good shape, color a degree of loveliness which few roses can equal, rich, deep rosy pink. Each 15c.

METEOR.—A rich, dark, velvety crimson Hybrid Tea; a free bloomer and vigorous grower, and as a garden rose it cannot be too highly recommended. Each 15c.

LA FRANCE.—Undoubtedly the most perfect type of a cut-flower rose. No variety surpasses it in delicate coloring—silvery rose, shaded pink, with a satiny sheen over all its petals. Flowers large, keeps well, and of distinct pervading fragrance. Each 10c.

DUCHESS OF ALBANY OR RED LA FRANCE.—Sport from La France; richness of color difficult to describe—a shade which our artist describes as "Tyrian rose," which is very rare. May be left in open ground all winter if covered with straw. Each 15c.

SOUVENIR DE WOOTON.—Color a beautiful shade of velvety crimson, equal to the noted General Jacqueminot, deliciously fragrant, a constant and most prolific bloomer, and the full open flowers are frequently six inches in diameter. Each 15c.

THE BRIDE.—This is undoubtedly one of the finest white rose ever offered. The buds are very large and of exquisite form, and the full flower very double, measuring from 3½ to 4 inches in diameter. The color is a delicate creamy white. Each 10c.

SUNSET.—This exquisite orange yellow variety is one of the finest Tea Roses grown. The flowers are large and double. The exquisite shades of coloring found in this variety can only be compared to the gorgeous colors of summer sunset; hence the name. It is deliciously fragrant, a strong grower and free flowering variety. Each 15c.

RAINBOW.—Color is a lovely shade of deep coral pink, striped and mottled in the most unique manner with intense crimson, and elegantly colored with rich golden amber at center and base of petals. It makes beautiful buds, and the flowers are extra large, very sweet, and of great depth and substance. A most charming variety. Each 15c.

ETOILE DE LYON.—Brilliant chrome yellow, deepening at center to pure golden yellow; flowers very large, double and full, and very fragrant. Each 10c.

PERLE DES JARDINS.—Fine straw yellow, sometimes deep canary yellow; very large and perfect form. Each 10c.

CAROLINE TESTOUT.—Large and double; color bright satiny pink, with rosy center. Each 15c.

MADAME HOSTE.—An exceedingly beautiful, new ever-blooming rose; color soft, canary yellow, deepening at center to pure golden yellow. Each 10c.

BEAUTIFUL FAIRY ROSES.

Small roses which are marvels of grace and beauty. They bloom in immense clusters of 25 to 50 on a single stem.

MOSELLA.—A choice novelty. Flowers very double, ball-shaped and open like a Camellia flower. The petals are tinted white, on beautiful light yellow ground extending to the middle of the petal. Each 20c.

PRINCESS BONNIE.—Another charming novelty; flowers large and perfectly formed; a rich, solid crimson. Each 20c.

LITTLE WHITE PET.—Very handsome; pure white, perfect shaped flower. Very hardy. Each 10c.

CLOTHILDE SOUPERT.—A profuse bloomer; flowers large, double; white, with rosy pink center; fragrant. Each 10c.

PINK SOUPERT.—A charming novelty. Like the above, only the flowers are a handsome rosy pink color all over; peculiar shade, unlike others. Each 15c.



GENERAL JACQUEMINOT ROSE.

HYBRID PERPETUAL ROSES

These should be extensively grown by all as they are perfectly hardy and produce their magnificent large flowers in great profusion year after year.

MRS. JOHN LAING.—A constant bloomer from spring until after hard frost, and its flowers are simply faultless in shape and outline. Every petal is like a perfect shell, while the color is the most exquisite shade of silvery pink, like the tint that bathes the lip of a seashell. Each 25c.

PAUL NEYRON.—Immense double flowers, of shining carmine-pink. Largest rose known, perfectly grand. Each 25c.

DINSMORE.—We cannot praise this enough. Always in bloom, with large, finely imbricated flowers of a rich bright crimson. Rather bushy and compact growth. Extra fine as specimen rose upon the lawn. Each 25c.

GEN. WASHINGTON.—Brilliant crimson, very rich and beautiful; large, perfectly double and free bloomer. Each 20c.

GENERAL JACQUEMINOT.—One of the grandest roses in existence. Sure to delight ever lover of the beautiful, as nothing can surpass them in beauty. Our cut well illustrates the shape of the flower, and the cut flowers are sometimes sold by florists at from \$1.00 to \$2.00 each. Color a rich dazzling scarlet, shaded with deep, velvety crimson, making a superb glowing color. Flowers large; free bloomer. Each 20c.

MAGNA CHARTA.—Dark pink; one of the earliest roses to grow. Each 20c.

MADAME PLANTIER.—As a cemetery rose it is still without a rival. Flowers borne in great profusion, pure white; hardy as an oak and certain to grow as grass. Each 20c.

AMERICAN BEAUTY.—One of the best and most valuable roses, both for garden and house culture. Color rosy crimson, exquisitely shaded and very handsome. Extra large full flowers, exceedingly sweet, makes magnificent buds, very hardy and a constant bloomer. Each 20c.



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CRIMSON RAMBLER ROSE.

MOSS ROSES.

The Moss Rose is the acknowledged queen of all roses. The moss-covered stems and buds show off the delicate loveliness of the blossom to great advantage. They are hardy in any location, and should be found in every garden. We can furnish either crimson, pink or white at 20c each.

HARDY CLIMBING ROSES.

Baltimore Belle.—Pale blush, shading to rose color; very double; flowers in beautiful clusters. **Greville or Seven Sisters.**—Blooms in large clusters, with flower varying from white to crimson. Perfectly hardy. **Prairie Queen.**—Clear, bright carmine pink, sometimes with a white stripe; large, compact and globular; very double and full; the best hardy climber in this climate.

Marchal Neil.—Very bright, rich golden yellow; very large, full and perfect form. Truly magnificent. Not hardy in Iowa. **Wichariana, the White Memorial Rose.**—A trailing species of very rapid growth, making a closely matted bed of very dark green foliage. The flowers are produced in the greatest profusion. They are single, pure white, with golden yellow stamens. Appropriate and enduring for cemetery use. It is perfectly hardy. **Mary Washington.**—A hardy, perpetual blooming climber, producing double snow-white blossoms in great profusion from June until frost. No home is complete without one of these roses. **Crimson Rambler.**—300 blooms on one branch. This rose has created a great sensation wherever shown. It is of vigorous growth, making shoots from 8 to 10 feet in height, during a season, and is consequently a most desirable climbing variety. When the shoots are fastened down, or it is grown in a bush form, marvelous heads of bloom are the result. As a pot plant it is unequalled for decorative purposes. It is exceedingly hardy. The flowers with which the plant is covered in the spring are produced in large trusses of pyramidal form and of the brightest crimson color. The blooms remain on the plant for a great length of time without losing their brightness. When cut in proper condition, the flowers will remain fresh in water for two weeks. A gentleman in England writes about it thus under date of July 6th: "At this date this is a grand rose. On one shoot alone I counted over 300 blooms. Any of the above varieties, each 15c.



MOSS ROSE.

HARDY SHRUBS AND ORNAMENTAL PLANTS.

In making a home, plan for future beauty, comfort and happiness by planting a variety of hardy ornamental shrubs, roses and climbers which will constantly grow in beauty and size. Such permanent improvements add greatly to the value of any property and the value grows from year to year so that instead of an expense they should be considered a paying investment. We prepay the charges on small plants. The larger sizes are sent by express purchaser paying charges.

HARDY FLOWERING SHRUBS.

HYDRANGEA PANICULATA GRANDIFLORA.—The grandest as well as the most popular of all shrubs and hundreds of thousands of them are sold every year and the demand is constantly increasing. Unsurpassed for the lawn, as a hedge or for cemetery planting. It readily attains a height of 5 to 7 feet; hardy in all localities, and needs no protection in winter; blooms the first and every season in July and August, and continues in bloom for two or three months; the flowers are massive, cone shaped, often measuring ten inches in length, and have a pleasing variation of color, changing from the original pure white to pink, and finally a beautiful rich coppery red. Each 15c. Large dormant plants 25c.

CALYCANTHEUS.—A beautiful sweet-scented shrub; flowers purple, quite double, exquisitely fragrant and borne in profusion during the entire season; the foliage and wood are also sweet-scented. Each 15c. Large 35c.

ALTHEA.—(Rose of Sharon.) Among the most beautiful of all flowering shrubs, grows 8 to 12 feet high and bears a profusion of double, purple, red and variegated flowers. Each 15c. Large 25c.

FLOWERING ALMOND.—One of the earliest flowering and finest little shrubs. Loaded with very double pink and white flowers. Each 25c. Large 40c.

DEUTZIA.—A showy class of shrubs, adapted to any location or soil; especially valuable owing to their compact habit of growth, beautiful luxuriant foliage and free-flowering qualities. Flowers pure white with a faint touch of blush on outside of petals. Each 20c. Large 35c.

FORSYTHIA (Golden Bell).—A fine hardy shrub of weeping or pendulous habit; glossy, deep green leaves and bright yellow flowers. Blooms early in spring. Each 20c. Large 35c.

SNOWBALL.—A well known and popular shrub which grows to a large size, covered with dense, spherical clusters of white flowers which gives it its name. Each 25c. Large 40c.

LILAC.—Purple—A well known, strong growing shrub, bearing large, fragrant clusters of flowers early in spring. Each 20c. Large 40c. White—Like above, but has white flowers which make it more desirable to some. Each 25c. Large 40c.

SPIREA.—Van Houttei.—This rare new variety is the hardiest of all the spiræas. The bushes form fine, compact clumps, about as broad as they are high; generally 4 or 5 feet. The pure white flowers are borne in such masses that they form great plumes, drooping gracefully, giving the clumps the appearance of a "perfect snow bank of white bloom." Each 25c. Large 40c.

SPIREA.—Prunifolia. (Bridal Wreath.)—Very beautiful; erect habit of growth; flowers pure white, borne in profusion entire length of branches; perfectly double, like little daisies. Each 25c. Large 40c.

SYRINGA.—(Mock Orange.) A handsome foliated shrub bearing immense masses of pure white intensely fragrant flowers in June. Each 20c. Large 35c.

WIEGELA.—A valuable Japanese shrub which produces superb large trumpet-shaped flowers in June and July of all shades from pure white to dark red. Each 25c. Large 40c.

CALIFORNIA PRIVET.—A handsome foliage plant for ornamental hedge. Each 20c. Doz. \$2.00.

TAMARIX.—This is one of the finest additions to our list of hardy shrubs. The foliage is light, feathery, graceful, sage blue in color, and very ornamental. Blooms early in June, and then all through the summer and autumn. Each 30c.

COLLECTION.—Six hardy shrubs, mailing size. \$1.00; larger \$1.50. All different—our selection of varieties.



DEUTZIA.

ORNAMENTAL VINES.

CLEMATIS, Jackmanii.—Most magnificent and showy vine in existence; of strong, healthy growth, perfectly hardy and sure to succeed anywhere. Flowers four to six inches in diameter, of a rich, deep velvety purple, distinctly veined. Strong plants, each 50c, large and extra strong, three years old, \$1.00.

CHINESE MATRIMONY VINE.—A most vigorous hardy climbing plant. 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. Each 15c.

VIRGIN'S BOWER.—A very handsome variety of the clematis, growing to a height of 20 feet and making a nice shade for porches, arbors, etc. The first season the plant grows 10 to 12 feet and it is literally covered with thousands of pure white flowers, which are delightfully fragrant, and it blooms continually from July to September. The clusters of silvery white seed balls are covered, apparently, with white silk hair and will keep nicely for decorations. The vine is perfectly hardy, rapid growing and graceful, and will succeed everywhere. Each 25c.

TRUMPET FLOWER.—Of rapid growth, with large, showy, trumpet-shaped, scarlet flowers and pretty foliage. Each 25c.

AMPELOPSIS VEITCHII (Boston Ivy).—This is one of the finest climbers we know of for covering walls, as it clings firmly to the smoothest surface. Each 35c.

BLUE CHINESE WISTARIA.—A very rapid grower, and one of the most beautiful of all climbers. It is perfectly hardy, climbing to a height of fifty feet, and when covered with bloom is truly magnificent. Each 25c.

WHITE WISTARIA.—A very choice white variety. Each 40c.

WOODBINE (Virginia Creeper).—A strong, rapid grower with large dark green foliage changing in autumn to bronze and bright crimson. Each 15c. Large 25c.

RED CORAL HONEYSUCKLE (Scarlet Trumpet).—For real home vines, to be near you, climbing over your windows and doorways, there is nothing prettier than this; the foliage is pretty, neat and clean, the flowers almost continuous, and their fragrance delicious; bright red, trumpet-shaped flowers. Each 20c.

HALL'S JAPAN HONEYSUCKLE.—A constant bloomer; flowers pure white changing to yellow; very fragrant; good for trellis or pillar. Each 25c.

HARDY DORMANT ROSES.

Can be planted outside early in spring, before it is safe to set out plants that are growing in pots and consequently are in full leaf. We can supply these from the time this catalogue is issued up to April 25th. The great value of these roses lies in the fact that they produce better flowers and make stronger plants in a shorter period than those grown from cuttings; and the advantage is, that having no soil on the roots and being dormant, they can be sent cheaply by express. Procure them early and store in the cellar until your ground is ready for them. We can furnish large strong roots of any of the following varieties at 30c each, \$3.00 per doz., by express. Too large for mailing: In Hybrid Perpetual Roses we can furnish Gen. Jacqueminot, Mrs. John Laing, Paul Neyron, Eugene Verdier, Gen. Washington, Magna Charta, Madame Plantier and Persian Yellow. In Climbing Roses we have Baltimore Belle, Prairie Queen and Seven Sisters. In Moss Roses we have the Crimson, Pink and White. See descriptions of the above sorts on page 9.

COLLECTION.—One strong root each of the above fourteen splendid, hardy roses, which will make your garden beautiful the first summer and every year thereafter for only \$3.25.



CLEMATIS.



HYDRANGEA PANICULATA GRANDIFLORA.

NOVELTIES ON COVER OF CATALOGUE.

The following six excellent varieties will be found illustrated in colors on the back cover of this catalogue. We want everyone to try them this year, and therefore offer one packet of each for only TWENTY-FIVE CENTS.

MOUGRI.

A wonderful vegetable from the island of Java, which is greatly liked by the natives, has been tried in Europe and we are glad to introduce it here, feeling sure that our customers will be pleased with it. It is a great curiosity, and we believe that not twenty of our 75,000 customers have ever seen it, and when once seen it will never be forgotten. The plant grows to a height of only 18 to 20 inches, but the great oddity of it is that the pods are very long, sometimes two or three feet, much longer in fact than the plant is high. The plant is of the easiest culture, and any common garden soil is suitable for it. Seed may be sown early in spring in the open ground or sow in a box or in pots in the house and transplant to the garden when well started, care being taken that the plants stand two to three feet apart each way to allow room for the growth of the pods. The seed quickly vegetates and in about eight weeks the plants flower profusely and then produce the extraordinary pods. These are very curious, attaining an immense size in a wonderfully short time, sometimes growing as much as three inches in a night. The pods are solid, crisp and tender, some say they taste "just like a radish," other epicures insist that in flavor they more nearly resemble the water cress. Persons who can not eat radishes because of their proving indigestible with them, will be much pleased with Mougril. The flavor is most agreeable and when half grown they can be eaten on the table in the same way as roots of the common radish, which they greatly resemble in taste, but a far superior to in delicacy of flavor. In salads they will be highly esteemed, for added to their other merits they possess the excellent advantage of being easily digested. They make a good pickle and are well adapted for this purpose. It is, however, when the pods are boiled that they are most delicious eating, like the most tender bleached asparagus and having a very delicate flavor. They should be served on toast with a cream dressing and will form a very agreeable addition and novelty for the table. At a large expense we have imported some of the seed and instead of making the price 50 cents per packet, we have decided to put fewer seeds in each packet and sell them at the popular price of ten cents per packet so that every one of our customers can try it. Per packet of ten seeds 10c, 3 pkts. 25c, 6 pkts. 50c, 14 pkts. \$1.00.

EARLY SUNRISE SWEET CORN.

This splendid new variety which we introduced originated with a market gardener in the western part of the state, and for eight years he has been carefully selecting it to an ideal size and shape, and also the earliest maturing. In this way he has finally obtained this variety, which is distinct from all others. The ears are about six inches long and well filled out at the end, the husk covering so completely and being so tight as to prevent the work of worms, which are so bad on the Cory. The grains are fairly deep and are set in straight rows on a small white cob; very uniform and handsome. It is quite productive and of as good flavor as any corn we ever tasted. Don't fail to try it. Market gardeners will find the Early Sunrise a most profitable and satisfactory variety. Per pkt. 5c, ½ pt. 15c, qt. 50c, postpaid. By freight, pk. \$1.00, bu. \$3.25.

THE MAINE STATE BULLETIN No. 27, this year reports that the Early Sunrise was as early as any variety in their long list, maturing in 79 days; much larger and better than Cory; in quality equal to most of the later varieties and the most prolific of all.

CURIOUS VEGETABLES.

ORNAMENTAL MICE.—The vegetable curiosity which has attracted so much attention. It is a native of Central Africa, having a small, neat-growing vine and bears numerous oval fruits, clear green in color, two and a half to three inches long, which are always completely covered with long, light-green spines or hairs. It will be found useful for covering a sloping bank or rockery and will produce great numbers of curious fruit. Per pkt. 5c.

CATERPILLARS.—Prostrate creeping plants with small yellow flowers, changing into "Vegetable Caterpillars." They are grown as curiosities, and sometimes, as a harmless practical joke, are put into the salads for the purpose of startling those who are unacquainted with them. Per pkt. 5c.

SNAILS.—Another singular variety having most oddly twisted seed-pods resembling snails. Children are much amused with these curious vegetables and they are quite attractive and can be grown in any garden. Per pkt. 5c.

CHINA GLOBE RADISH.

An exceedingly handsome new variety which we confidently expect will prove to be very popular. It is of medium size, bright scarlet color, of size and shape shown in our illustration on back cover of this catalogue. It grows very rapidly, being almost as early as the early forcing sorts and it holds its size and superior quality throughout the summer. The flesh is pure white, crisp, brittle and of a most agreeable flavor. When sown later they make an excellent winter sort and keep well. An attractive market sort. Crop of seed is very short this year. Per pkt. 10c.

GOLIATH KOHL RABI.

If you have never grown Kohl Rabi you should try it this year. It is a most excellent vegetable intermediate between the cabbage and turnip. It is easily grown the seed usually being sown in drills and afterwards transplanted like cabbage to rows 18 inches apart and about 10 inches in the row. This new variety is of immense size, solid and sweet; considered by many far superior to either the cabbage or turnip and decidedly more nutritious. Keeps well. Per pkt. 10c, oz. 40c.

NEW DYE POP CORN.

A novelty for 1897. A new variety of unusual merit for family use and the most prolific of any sort which we have ever had, giving a large number of good sized ears, sometimes 10 or 12 to each stalk. It has a most curious appearance when growing and will attract attention anywhere. The kernel is not so flinty as most other sorts and pops up large and white without the disagreeable hard place which is often so objectionable. The name is given it owing to the large amount of coloring matter contained in the husks which can be used for dyeing cloth. When boiled for some time in an iron kettle it will make a most excellent quality of jet black ink. These husks are of a dark wine red color as are also the cobs while the kernels are white. It is a quite desirable sort which we are sure our customers will be pleased with. Per pkt. 10c.

CRIMSON CURRANT TOMATO.

A most charming little fruit which belongs to the Tomato family but it differs essentially in character of foliage from the ordinary sorts as well as in the fruit. The fruit is quite small, hardly more than half an inch in diameter, of bright crimson color, and borne in long single or compound clusters containing twenty to sixty berries or tomatoes as shown in our colored illustration on cover of this catalogue. It is a very ornamental and attractive plant and produces fruit early which is of most excellent quality for eating from the hand. They are greatly liked when preserved or spiced for winter use, and make an attractive dish for the table. Per pkt. 10c, oz. 40c.

PETIT POIS.

The real genuine small French Peas, such as are used in Paris and largely used in this country canned. The pods are long and slim and contain eight to ten small peas of tender, delicate quality. This variety is medium early and extremely prolific. Pkt. 10c, ½ pt. 30c.

MAMMOTH HORTICULTURAL POLE BEANS.

Improvement on the old Horticultural Pole. The beans are of enormous size, splashed and spotted with red, and of the highest quality as a shell bean either green or dry. It originated at Worcester, Mass., where it has been grown for several years by one of the leading market gardeners there, and he has always been able to command from 25 to 50 cents per bushel more than others for their beans, as his were

always of such bright carmine color, and would keep longer than other varieties after being picked. The vine is a very vigorous grower, with large, light colored leaves and purple blossoms. Pods very large, bright carmine, slightly streaked, very handsome and exceedingly productive. It is somewhat earlier than the parent variety, shows no rust, and is considered by some eastern gardeners the best pole bean in the world. Pkt. 5c, ½ pt. 20c, qt. 70c.

MUSHROOMS.

The ease and certainty with which a crop of mushrooms can be grown to perfection in an ordinary house cellar, wood-shed or barn, and the astonishing success of so many who have taken up this new industry, both for profit and their own use, induces us to call especial attention to the subject. The great luxury of mushrooms can be enjoyed by all at a trifling expenditure of money, time and labor. In market they are always wanted and sell readily at paying prices. There seems no limit to the demand, and an over-supply is seldom known. We recommend the English mushroom spawn as generally the better both for the market gardener and private planter. Directions for culture sent on application. Price, per lb. not prepaid, 15c, 10 lbs. \$1.25, 25 lbs. \$2.50, if by mail, add 10 cents per lb. for postage.



EARLY SUNRISE SWEET CORN.



NEW WASHINGTON WAKEFIELD CABBAGE.

For many years the Jersey Wakefield cabbage has been the most prominent early sort with market gardeners, and many attempts have been made to improve on it with heretofore but limited success. In this grand variety, which is well known by our illustration, we have a most superior strain, well worthy the name it bears. It is a leader, and **First in Head! First in Market! First in the Hearts of Gardeners.** It is very early, the heads are pyramidal in shape, much larger in size than the Jersey Wakefield and very solid, with few outside leaves. It grows remarkably uniform, the heads being of very even size and shape. Unequaled for either the market or family garden. Don't fail to try it this year. Per pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 80c, lb. \$2.50.

IMPROVED DANISH BALLHEAD CABBAGE.

This variety has been selected and perfected for more than fifty years by the Danish gardeners. They prize it so highly that they grow it almost exclusively for winter cabbage, and annually export large quantities to London, Paris and other ports. It will stand long journeys and keep far into the spring, and is of most rich and mild taste. Heads round as a ball, of good size, solid and very fine grained. Has but few outer leaves, thus admitting of close planting.

Medium size and hardest of all; tender and crisp with but little waste heart. Flavor unexcelled. Per pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 80c, lb. \$2.65.

YELLOW PEAR TOMATO.

A favorite with all who know them and we have had many inquiries for seed during the past few years, but it has been difficult to secure. We have finally grown a splendid crop. The fruit is pear shaped as shown in our illustration, of handsome deep yellow color; flesh yellow, solid and especially fine flavored.

Highly esteemed as a table delicacy raw, but more used for preserving or to make "tomato figs," also excellent pickled. Very uniform in size and shape; an abundant yielder. Per pkt. 5c, oz. 30c, $\frac{1}{4}$ lb. 75c.



BRUSSELS SPROUTS.

AMERICAN MAMMOTH BRUSSELS SPROUTS.

This rich but long neglected vegetable is becoming more and more popular. We are able to offer to our customers this season, seed of a new and greatly superior variety, of American-growth which has the great merit of forming heads ready for picking about three weeks earlier than other varieties which are raised from imported stocks. It has the additional merit of making stronger plants and making more heads. A friend picked this year from a single plant more than two quarts of heads. A profitable crop for market gardeners. One gardener near New York City last year made \$500.00 on a crop of two acres of this improved variety. We want everyone to try them this year. Per pkt. 10c, oz. 40c, lb. \$1.25.

BLACK QUEEN BEET.

A splendid half-long blood beet of the finest table quality with beautiful dark blood-red foliage, thus combining the useful and ornamental. Pkt. 10c.



NEW ZEALAND SPINACH.

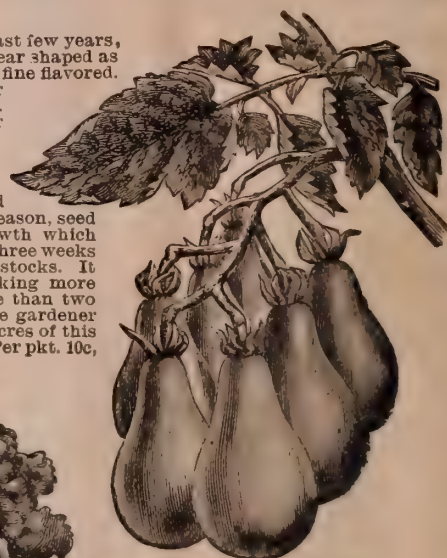


NEW MIGNONETTE LETTUCE.

plant is distinct, not only in its solidity, but also in color. The heart is a charming combination of creamy yellow waved with pale greenish white. It is very hardy resisting drouth and excessive moisture with equal success—a most valuable feature in our climate. It is fit for use early, which, combined with its long standing character, constitutes it an all-seasons variety in the superlative degree. Per pkt. 10c, oz. 35c.

NEW ZEALAND SPINACH.

Very useful to supply the place of the ordinary spinach during the hottest months of the year, or in dry, arid localities. A great acquisition, and the most valuable variety of all for either the market or family garden. One plant will cover a space of ground three or four feet square. A few plants will supply a family with this delicious vegetable continuously from July to October. Per pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, lb. \$1.00.



YELLOW PEAR TOMATO. NEW MIGNONETTE LETTUCE.

A most unique and attractive new sort. The entire plant measures only seven inches in diameter, and is more solid and compact than any other existing variety. The outer leaves are few, and these cling so closely to the head that it is almost true to say it is all head. The small surface of the leaves which are separated from the head is deeply crumpled as in a Savory cabbage, and richly colored with russet red and bronze green of varying shades. The

NABOB WATERMELON.

We were so much pleased with our tests of this fine new variety the past season that we want to share the enjoyment of it with our customers. It is decidedly distinct and attractive, having a peculiarly mottled color of shell. Flesh deepest scarlet, firm and solid, but melting, juicy, and of luscious flavor. Per pkt. 5c, oz. 15c, ¼ lb. 50c, lb. \$1.50.

IOWA MASTODON MELON.

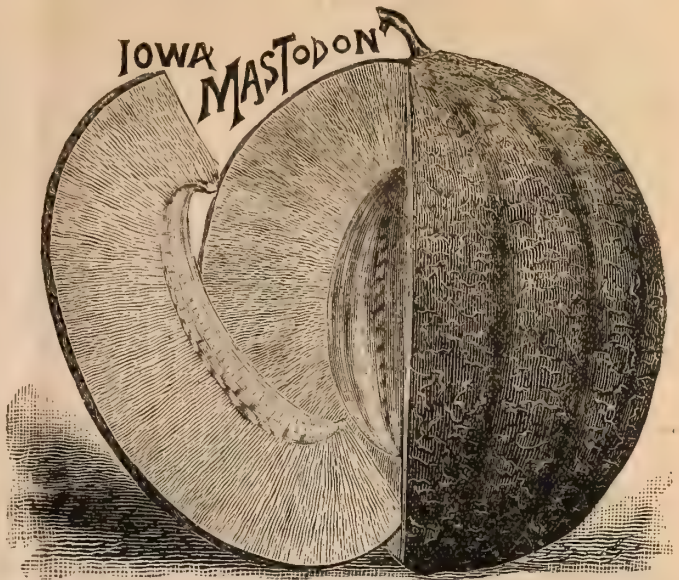


A NABOB CONSUMER.

The most extraordinary new variety which has been offered for many years, will create a sensation wherever seen—and we control the entire stock, so that you cannot purchase it elsewhere this year. It is from Japan, and just a few seeds were sent to a friend over in this country. This friend knew of our interest in novelties and brought in specimens of the melon. One weighed 23½ pounds and the other 25 pounds. We at once secured the entire crop, although but a few vines. The melons are of monstrous size, and greatly resemble the common Yankee Field pumpkin; so nearly in fact, as to even deceive us at first sight. The flesh is a clear, creamy white, fully ¾ inches thick and of excellent flavor; it is tender and sweet up to the rind, which is thin and tough. Per pkt. 10c, oz. 25c.

ORANGE WATERMELON.

Everyone knows what a bother watermelon rinds are on the table, and were it not for this trouble, the watermelon would be still more popular as a desert fruit. This difficulty is now overcome, and the Orange will make the handsomest ornament ever set on the festive board, and will attract universal attention. The great peculiarity of this melon is that the rind naturally separates from the flesh when ripe, and with a slight use of a knife between the segments, can be removed like the rind of an orange, leaving a most beautiful fruit for the center of the table. The illustration shown herewith was made from an average size, twelve-pound melon



and well shows the shape and peculiar manner of separating. Quality is excellent, tender, juicy and sweet. We want everyone to try it, and have therefore made prices low. Per pkt. 5c, oz. 15c, ¼ lb. 50c, lb. \$1.50.

WONDERFUL SUGAR WATERMELON.

When making a tour among our seed growers, we were greatly pleased with this variety, which we found growing in Nebraska. The gentlemen on whose place they were growing is an enthusiast on melons, and after testing quite a number of varieties, all persons present united in pronouncing the Wonderful Sugar by far the best. It is a large melon, averaging about 35 pounds each. They are long, rather light-colored, mottled, and irregularly striped with dark green; rind rather thin and tough. Flesh a delicate red, and the most tender, juicy and luscious that can be imagined. Everyone who has a place to grow melons should try this splendid new variety. Per pkt. 10c, oz. 15c, ¼ lb. 40c, lb. \$1.25.

GRAND RAPIDS MUSK MELON.

One week earlier than any other variety. The main characteristic of this melon is its extreme earliness. Grand Rapids is well known on account of its progressive market gardeners, and in that wide awake city the Grand Rapids melon has been on the market two weeks earlier than any other sort, and sold readily at \$2.50 per dozen to hotels and fancy grocers, while melons grown in the south were practically unsalable. The flesh is pure yellow, clear to the rind; skin finely netted. The handsome appearance of this melon is sure to attract attention. To attain the best results, and to show its remarkable earliness and productiveness, we would advise our customers to pinch off the runners; while it has no tendency to run more than other varieties, at the same time by throwing the growth into fruit, it makes the fruit of larger size and earlier. Per pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.25.

NEW IDEAL MAMMOTH RHUBARB.

The rhubarb (or pleplant) is a vegetable which it is difficult to improve and it takes many years to fully establish a new variety. About twenty-five years ago Dr. Kennicott, of Illinois, in growing roots from seed found one which was so far superior to and different from all others that he saved it carefully, and the root has been divided and propagated from year to year until finally



ORANGE WATERMELON.

we purchased the stock. Like all other highly improved sorts it seeds very sparingly, and comes more nearly true to name when grown from seed than most other sorts. The stalks are fully as large, if not larger, than the Victoria, and are produced in greater abundance. We have no hesitancy in calling it the most vigorous and productive variety known. Quality is unsurpassed. Per pkt. 10c, oz. 25c.

MINATURE POP CORN.

A regular little beauty. Attractive, on account of its small size and handsome, perfect shaped ears which are only two to three inches long, with very deep, pure white kernels which pop out to immense size and are particularly tender and fine quality. Stalks usually produce from three to eight ears. It is a fine corn and will sell well on the market. Per pkt. 5c, ¼ pt. 25c, qt. 75c.

ITALIAN MIXED TOMATO.

Last year we purchased from a leading seed firm in Italy an assortment of tomato seeds including all varieties known in Europe. In our test there seemed to be an almost limitless variation as to color, shape and size, including a great many never before seen ranging from white, through all shades of yellow and pink to dark red and purple. Most of the varieties were of most excellent quality while a few were inferior. The field was a constant daily surprise and pleasure which we wish to share with our customers. Per pkt. 10c, oz. 40c.

CANARY ISLAND ONION.

A very handsome variety of onion which we have imported from the Canary Islands. It is of small to medium size, flat and ranges from white to dark pink in color. It is extremely early maturing neat, handsome bulbs long before other sorts. Pkt. 5c, oz. 35c.

DWARF WHITE HEART COS LETTUCE.

Decided the best of the Cos or Celery lettuces, the earliest and longest standing. Of attractive green color, self-blanching the inner leaves without tying up. Quality of heart much superior to any ordinary variety of lettuce. Per pkt. 5c, oz. 25c.



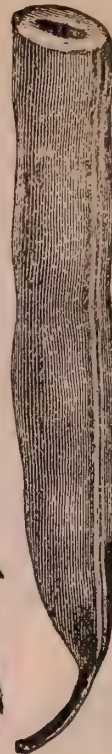
NEW IDEAL MAMMOTH RHUBARB.

OLD HOMESTEAD POLE BEANS.

This is an improvement on the Kentucky Wonder, and we regard it as far ahead of any other green podded pole variety, and the best as well as earliest sort, being fit for the table August 1st. It is enormously productive, the pods hanging in great clusters from top to bottom of pole. It is entirely stringless, and the pods are a silvery green color. The pods, though large, cook tender and melting, and we can recommend it as the best green pole bean. Pods are often twelve inches in length, and instead of picking them into a basket, it is customary to pile them up on one arm like kindling wood when gathering a mess for family use. The dry beans are long, oval, dun-colored, and of fair quality as a shelled bean. Can be grown with corn to good advantage, and thus secure two crops from the same ground. Per pkt. 5c, ½ pt. 25c, qt. 60c.

STRINGLESS GREEN POD BUSH BEAN.

The only stringless green pod bush bean in cultivation. Consequently it surpasses all others in crisp, tender flavor. The finely shaped, long, green pods are absolutely stringless, and when we add that the pods are ready to market two weeks earlier than the best stock of improved extra early Red Valentines, we are sure that Stringless Green Pod will supply a long felt want. It must prove of immense value, not only to the market gardener who wants to make more money, but also to the amateur who seeks a rare quality early for the home table. Per pkt. 10c, pt. 20c, qt. 70c.



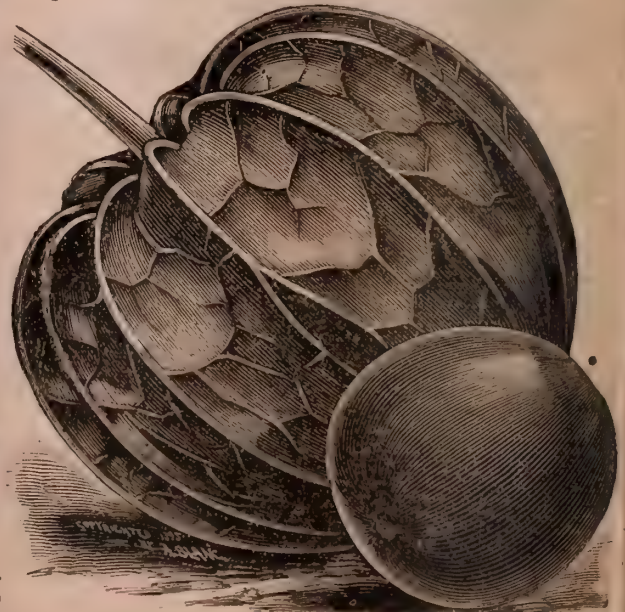
OLD HOMESTEAD BEANS.

ASTRO CUCUMBER.

A novelty of the highest merit, and one which has greatly pleased our market garden customers, some claiming that they made more money from a crop of these grown early in the hot beds than from any other crop, as they sell quickly at \$1.00 per dozen. They do excellently well under glass, yielding a continual daily picking of large, perfect shaped fruits, eight to twelve inches long, almost solid throughout. Excellent for slicing, solid and crisp. With common outdoor culture in the summer, it produces large cucumbers fifteen to eighteen inches in length with very few seeds. Seed will always be expensive, as it produces only eight to twelve pounds per acre, while the White Spine and other common sorts produce 200 to 500 pounds. In packets only, containing twenty seeds each. Per pkt. 10c, 6 for 50c.

GIANT SCARLET GROUND CHERRY.

(*Physalis Francheti*.) A most remarkable novelty which we now offer for the first time. The plant is of good size, and loaded with fruit which is at first green then changing to bright yellow, then orange, and finally to a bright scarlet. The fruit is fully three times the size of the ordinary ground cherry, and very rich and striking in appearance, being really worthy a place in the flower garden. The fruit is excellent in flavor and desirable either for use as fresh fruit on the table or for preserving. Don't fail to try it; it will please you. Per pkt. 10c.



GIANT SCARLET GROUND CHERRY.

ASTRO



ROGERS' LIMA WAX BEAN.

A decided novelty which we now offer for the first time. Its bright, glossy foliage and bloom resemble Dwarf Lima. The pods are the broadest of all wax beans, of most excellent quality as Snaps, and retain their bright and attractive appearance a long time after picking. Has a delicious Lima flavor. Pkt. 10c, ½ pt. 25c.

PEARL WHITE EGG PLANT.

The fruit is pure, creamy white, with slight shading of a light green near the stem; beautiful in shape, resembling somewhat the purple variety, as large or larger in size, and more prolific. In eating quality it is superior, being more delicate, very fine grain and well flavored. It makes one of the most palatable dishes, either baked or fried. There is not a garden in the land which would not be improved by this vegetable being represented in its collection, and if once tried, it is sure to establish itself as a favorite. Per pkt. 10c. oz. 40c.



PEARL WHITE EGG PLANT.

MAMMOTH LUSCIOUS SUGAR PEA.

This is pronounced one of the greatest novelties in the pea line of recent introduction. Nothing has ever anywhere approached it in size or delicacy of flavor, it being far superior to the Melting Sugar or any other variety of peas, shelled or sugar. Dr. F. M. Hexamer, editor of the *American Agriculturist*, writes: "We have grown nearly every variety of Sugar Peas listed in seedsmen's catalogues, but have never seen anything to compare with the Mammoth Luscious." This new sugar pea bears pods much larger than any other variety, often six to seven inches long, and an inch and one-half broad. The pods are so long and broad that they should be sliced and boiled about ten or fifteen minutes when old, and have a little butter or sauce put over them, when they will be ready to supply the table, and make an excellent, nutritious dish. They should not be shelled, but the peas and pods eaten together, and as they contain so much sugar, starch and gluten, are very nutritious for family use. We likewise commend



LUSCIOUS SUGAR PEA.

them for the rapidity with which they can be gathered and prepared for cooking, in comparison with the shell peas. You should certainly include Mammoth Luscious in your order. Per pkt. 10c. 1/2 pt. 20c. qt. 65c.

NEW ROSE TURNIP RADISH.

There is a greater variety of color in radishes than in any other root crop grown, but a rose-colored variety is, indeed, an acquisition. This is one of the best radishes we have ever seen, and is novel, eminently useful and beautiful. It is similar to the round, forcing varieties in shape and size, and has every feature of good selection, such as a small, compact top and a miniature root. It is very early requiring only twenty-three days to mature it, and remains in good condition for ten days, even in a trying season. But, undoubtedly, its chief charm is in its color, which is a soft rosy pink. A most attractive radish in the bunch, and its appearance is incomparable when prepared for the table. Per pkt. 5c. oz. 15c. 1/4 lb. 40c. lb. \$1.25.



NEW ROSE TURNIP RADISH.

WISCONSIN GOLDEN SALSIFY.

A most distinct and valuable new sort that has proved highly satisfactory in our tests of the past three years so that we are now confident that it will suit our customers in every respect. It is of strong, vigorous growth; the leaves are dark green in color, finely crimped and curled. The roots are large, smooth, and have a decided yellow cast, which gives it its name. They cut smooth and even throughout, unusually brittle and never stringy. When prepared for the table are very rich, tender and delicious in flavor. Pkt. 10c.

LEONARD'S WARTY HUBBARD SQUASH.

This new strain of the Hubbard is a continued improvement upon our selected strain. The wartiness indicates a very hard shell, which is one of the best features of a long keeping squash; it also denotes extra choice quality—the harder and more warty the shell of a Hubbard, the more delicate and sweet the flesh. Pkt. 5c. oz. 10c. 1/4 lb. 30c. lb. \$1.00.

DELICATA SQUASH.

When we first saw this new variety we were not at all pleased with its appearance, as it is anything but handsome, and would not sell well in the market. We were, however, obliged to admit that it was very prolific, averaging 14 fruits to the vine, and it was the earliest of any vining squash on our place. When we tried it on the table we were really surprised at its extremely rich flavor, fine quality, dry and excellent. We highly recommend it for private use. Pkt. 5c. oz. 10c. 1/4 lb. 30c. lb. \$1.00.

SCARLET EGG PLANT.

Closely resembling the edible purple Egg Plant in growth of plant and shape of fruit and well worthy of growing because of the handsome and unique color, which is of a most intense brilliant scarlet; glossy and apparently varnished. Will make an attractive novelty in any flower garden. Seed per pkt. 5c.

LONG KEEPING RED GLOBE ONION.

One of the largest onion growers in this state has been at work for the past seventeen years to obtain a model onion for market. Each year he has selected the most perfect, dark red, globe-shaped onions with the smallest top, and in order to obtain a strain which would keep well, he rejected any which showed signs of starting by spring. From this long continued selection he has obtained a strain which is far superior to any other we have ever seen. The bulbs are very hard, solid, and round as a ball and there are no scullions or thick necks among them. We kept several specimens in a warm steam-heated office for several weeks and they remained solid intact, while long specimens of other varieties produced sprouts 2 to 6 inches long. We have only sufficient seed this year to offer in small quantities, but we hope all onion growers will try them so as to know what to buy another season. Per pkt. 10c. oz. 25c.

SCARLET KASHMYR TURNIP.

This new, extra early, bright scarlet colored turnip has a striking resemblance to a large radish, being as round and uniform in shape. The flesh is as white and crisp as a radish, and of most excellent cooking qualities. It matures almost as quickly as the earliest radish, being far ahead in this respect of any other turnip, and when cooked is of unsurpassed quality. Also a good keeper, and with its beautiful scarlet color, early maturity and fine quality, it is entitled to a place among our garden favorites, and will please everyone who gives it a trial. Per pkt. 5c. oz. 15c. 1/4 lb. 40c. lb. \$1.25.



SCARLET KASHMYR TURNIPS.



WISCONSIN GOLDEN SALSIFY.

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WILSON & ANTHONY
1892

215 Bus. Iowa Silver Mine Corn. Per acre.

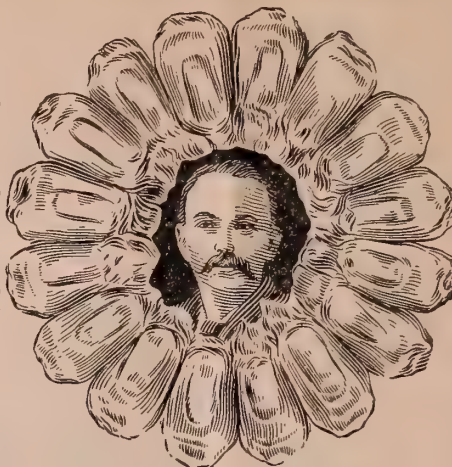
IT CAN BE DONE! IT HAS BEEN DONE! CAN YOU DO IT?

The most marvelous variety of corn ever offered and one which will surprise everyone who plants it. If the farmers take hold of this as they should it will revolutionize the corn growing of the country. It is adapted to a wider range of soil and climate than any corn ever offered. From southern Minnesota to Texas, from Massachusetts to California, it will yield a paying crop where other varieties are grown at a loss.

YOU CAN'T AFFORD to cultivate the ordinary varieties and get an ordinary crop when you can grow as much of the Iowa Silver Mine on one acre as of other corn on four to eight acres. Cost of seed is almost nothing, two bushels of corn added to your crop will more than pay for it and this variety of corn is of such extra choice appearance that it will usually bring at least 2 cents per bushel above market price for ordinary corn.

READ PAGE 37.

HOW HE GREW THIS CROP.—A full statement of how this wonderful crop was produced, and also of the two other largest crops ever grown in the world, will be sent free to everyone ordering Iowa Silver Mine Seed Corn from us. Also full instructions so that you can grow 200 bushels to the acre. This information may be worth \$100.00 to you.



An average in size, depth of grain and size of cob, also picture of prize winner.

READ THIS PROOF.—Practical farmers who know what a good crop of corn is from actual measurements, will look incredulous when we talk of 200 bushels grown on one acre, and we don't blame them. The reports astonished us although we knew that it was a wonderful yielder. There were three reports of larger crops than the prize winner. Two of them did not comply with the conditions while the third was clearly fraudulent. We went to considerable expense and traveled about 1,000 miles to see these crops, as we were bound to have the prize go to the proper person. Mr. Claus Jochimsen, the winner of the first prize who grew 215 bushels shelled corn to the acre, is a well-to-do German farmer of Scott county, Iowa. His written report was signed, also by two neighbors, who helped him to measure the ground and gather the corn, and it was weighed by the public weighmaster who also made a written report. To verify this the president of the Iowa Seed Co. personally inspected and measured the field and estimated carefully the corn in the crib. It is a German neighborhood and all the talk in Mr. Jochimsen's family, and between the neighbors was in that language. Our representative understood all that was said without their knowing it and if everything had not been right he would have found it out. He came away thoroughly convinced that the report was correct.

Over \$500.00 in Prizes For Best Acre of Corn. COMPETITION OPEN TO ALL.

Anyone purchasing one-half peck or more of the Iowa Silver Mine corn direct from us this year can compete. You can plant one acre only, but we believe that it would pay you better to plant a larger field and then select the best acre at time of harvest. The competing acre must be all in one field and not divided. Use your own judgement as to time and manner of planting. Use any kind of land and fertilize and cultivate as you please. In the fall measure the acre of land, and cut one or more rows of the other corn stalks away from around it, so as to entirely separate it. An acre of land contains 43,560 square feet. The ground must be measured and the corn gathered and weighed in the presence of two witnesses not financially interested in the result, who will sign statement. Reports must reach us by November 15, 1897. Corn to be weighed any time after November 1st, 70 pounds of husked ears to the bushel. If weighed before November 1st, 75 pounds are to be allowed to the bushel.

FIRST PRIZE.—Consists of \$100.00 in gold for the largest crop of Iowa Silver Mine corn grown on one acre in any part of the United States.

SECOND PRIZE.—Eighty (80) acres of good farm land offered by the Alabama Land & Development Co., of Mobile, Ala., for the largest crop of Iowa Silver Mine corn grown on one acre within 15 miles of the main line of the Mobile & Ohio R. R. in Alabama or Mississippi.

THIRD PRIZE.—Forty (40) acres of good farm land offered by the same company for second largest crop grown in same section.

FOURTH PRIZE.—Forty (40) acres of land for the largest crop of Iowa Silver Mine corn grown on lands adjacent to the Louisville & Nashville R. R. Address W. D. Chipley, Pensacola, Fla., for further particulars.

SPECIAL PRIZE.—Forty (40) acres of land offered by the K. C. P. & G. R. R., of Kansas City, Mo., to the winner of the first prize, provided crop is grown on lands adjacent their railroad.

For more full particulars about the above lands, see enclosed circular or write to the parties making offer. This land is worth about \$3.00 to \$10.00 per acre thus making a total of about \$1,000.00.



DWARF EMERALD BROOM CORN.

(Novelty of 1897.) This splendid new variety which we now offer for the first time is the result of a cross between the Dwarf Evergreen and California Golden. It is the greatest advance which has been made for years past. The stalk is short its one object seems to be to produce the long, perfect shaped brush in the shortest possible space of time so that it loses no time making tall stalks. The brush is long and straight, almost every pound being suitable for hurl, and of a handsome green color which never gets red. It is very productive a large quantity can be grown to the acre and it will bring a high price. Per lb. 35c, 3 lbs, 75c, postpaid. By ftg., 10 lbs, \$1.75, 25 lbs, \$3.00, 100 lbs, \$10.00.

DWARF EMERALD.

SPOTTED DROUTH RESISTER CORN.

A novelty received from one of our customers last year which has proved to be a great yielder of good sized curiously colored ears. Desirable for dry sections. In packets only per pkt. 10c.

NEGRO EQUALITY CORN.

A great curiosity in corn, sure to attract attention during the growing season from every passer-by. A white corn, but the cob, husk, stalk and leaves are dark red, nearly black. Per pkt. 10c, lb. 50c.



SPILTZ.

SPILTZ.

A most wonderful new grain which is now offered for the first time by any seedsmen in America, and we consider ourselves fortunate to be the first to introduce a grain which, we believe, will prove of so much value. For centuries past it has been grown in a limited way in Eastern Russia near the Caspian Sea, its value not being known to the agriculturists of the civilized world. Six years ago an emigrant from there brought some to this country and has been growing it since. A prosperous American farmer who lives near him secured sufficient seed from him to sow five acres two years ago and was surprised at the large crop. Last year again it produced a large crop yielding more than barley or oats. He says that under the same circumstances it will produce double as much as barley. He has been feeding the grain quite extensively having no thought of offering it for seed, so that we could obtain only a small quantity. Our illustration which represents one head shows somewhat the shape of the grain which is intermediate between wheat and barley the spikelets, being separated from each other in such a manner that the crop is not readily injured by the weather. The chaff adheres to the grain when thrashed. We believe it will prove of much value for milling as well as for feeding. Will grow well and produce immense crops on poor soil, and the dry weather appears to have no effect on it. Botanically it is known as *Triticum Spelta* and is supposed to be the grain grown in Egypt in the time of Moses. We can only offer it in small quantities but it will pay farmers to test it this year. Per large pkt. 10c, lb. 50c, 4 lbs. \$1.50, by mail, postpaid.

BEANS-Dwarf Bush Varieties

One quart will plant one hundred feet of drill.

Dwarf or Bush beans require no support, and should be planted in drills an inch and a half deep and crop the beans three inches apart in the drills. Beans are tender annuals and cannot be planted till danger of frost is past. Keep clean, but do not hill up or hoe when wet. A sandy loam is the best. The half-pint packages will be found very desirable for small families. We furnish pints at one-half the quart price. Crop was almost a failure on many varieties of beans this year. Price includes postage. See special prices by the peck and bushel on page 36.

WARDWELL'S DWARF KIDNEY WAX.—Earlier, better, more productive, than Golden Wax; rust proof, vigorous, pods large, showy, tender and stringless, excellent flavor and good either for snap or shell. Per pkt. 5c, ½ pt. 15c, qt. 45c.

IMPROVED GOLDEN WAX.—Possesses all the good points of the old Golden Wax, but is larger in pod and much more prolific. This improved stock is one of the handsomest beans we have ever seen, pods of dark, rich, golden yellow color and of perfect shape. Per pkt. 5c, ½ pt. 15c, qt. 40c.

CURRIE'S RUST-PROOF WAX.—Crisp and tender and of delicious flavor. As early as the Golden Wax. Amazingly productive. Per pkt. 5c, ½ pt. 15c, qt. 50c.

WHITE WAX.—Pods waxy, yellow, very tender. Per pkt. 5c, ½ pt. 15c, qt. 50c.

BLACK WAX.—Popular with market gardeners. Per pkt. 5c, ½ pt. 15c, qt. 45c.

YOSEMITE MAMMOTH WAX.—Pods frequently attain a length of ten to fourteen inches, with the thickness of a man's finger, and are nearly all solid pulp, the seeds being very small when the pods are fit for use. The pods are a rich golden color and are absolutely stringless, cooking tender and delicious. Enormously productive. Per pkt. 10c, ½ pt. 20c, qt. 60c.

IMPROVED EARLY VALENTINE.—About ten days earlier than the common Early Valentine. More robust and vigorous. Per pkt. 5c, ½ pt. 15c, qt. 40c.

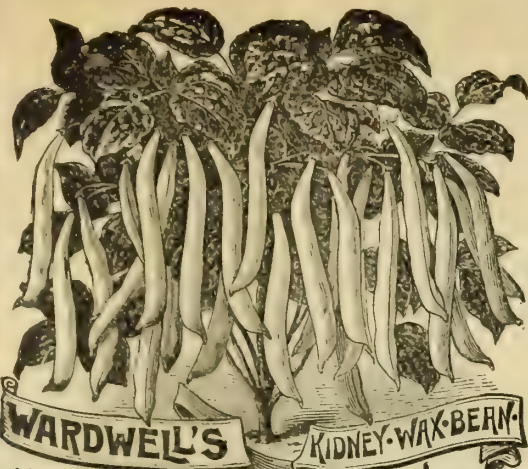
BURPEE'S BUSH LIMA.—A dwarf or bush form of the true large Lima which is of great value. There is no reason now why western farmers should not raise all the Lima beans they require for their own use as well as for sale. They are of perfect bush form, growing 18 to 20 inches high, of stout and erect growth, yet branching and vigorous. An immense yielder, each bush bearing 50 to 200 handsome large pods, well filled with very large beans of luscious flavor. Does not always mature dry shelled beans in this latitude, but you are sure of a good crop of green ones. Per pkt. 10c, ½ pt. 20c, qt. 60c.

JACKSON WONDER LIMA.—A dwarf variety growing from 18 to 30 inches high, immensely productive and very early. Pods broad and flat containing three or four beautiful variegated flat beans, similar in shape to the well known Lima, and in the dry state as shell beans can be used the same as the Lima, but when the pods are young they make excellent snap beans. It is not waxy, hence cooks easily and quickly, in fact fills all the requirements for a good garden variety as well as a field sort. Per pkt. 5c, ½ pt. 15c, qt. 50c.

BLUE-PODDED BUTTER.—A most remarkable and strikingly odd novelty. Has compact, bushy plants 12 inches high and bear abundantly. The leaves and stems are of a bright purple color and rich deep-blue pods. The entire pods cook a rich green, are very tender, stringless, and of a rich delicious flavor. Supply of seed very short. Per pkt. 10c.

RED KIDNEY.—A very popular variety with first-class restaurants, as they possess a peculiarly rich flavor and are very desirable as a shelled bean. Should be grown more generally. Per pkt. 5c, ½ pt. 15c, qt. 50c.

EARLY MOHAWK.—Very early and will stand more cold weather than most bush varieties. Per pkt. 5c, ½ pt. 12c, qt. 35c.



WARDWELL'S HARDEST AND MOST PRODUCTIVE KIDNEY-WAX-BEAN

ROGER'S LIMA WAX.—See Novelty List Per pkt. 10c, ½ pt. 25c.

LARGE WHITE MARROW.—Excellent as a shelled bean; cooks in twenty minutes. Per pkt. 5c, ½ pt. 12c, qt. 35c.

DWARF HORTICULTURAL.—Has all the good qualities of the old Horticultural Pole. Per pkt. 5c, ½ pt. 25c, qt. 50c.

EARLY REFUGEE, OR THOUSAND TO ONE.—Most prolific green podded sort, thick and fleshy Per pkt. 5c, ½ pt. 12c, qt. 35c.

HENDERSON'S BUSH LIMA.—Grows in compact bush form and produces enormous crops of delicious Lima beans which can be as easily gathered as the common garden bush bean; is at least two weeks earlier than any of the climbing Limas, produces a continuous crop from the middle of July until frost. Enormously productive. A very small patch will supply a family with this splendid vegetable throughout the season. Pkt. 5c, ½ pt. 15c, qt. 40c.

DREER'S BUSH LIMA.—A dwarf growing form of the old Dreer's Lima or Potato Lima, which was quite popular a few years ago; also called Kumerle's Bush Lima. Compared with Henderson's this bean in its green state is fully double as large and yields abundantly. One plant sent in had 185 pods on. Does better on dry, sandy soil, owing to its heavy foliage. Is of the best flavor. Per pkt. 5c, ½ pt. 20c, qt. 50c.

CALIFORNIA BRANCH, OR PROLIFIC TREE.—This is quite a valuable variety for field culture; grows about twenty inches high, has stiff, upright branches, and bears immensely, sometimes yields forty-five bushels to the acre. The beans closely resemble the White Navy. Per pkt. 5c, ½ pt. 12c, qt. 35c.

STRINGLESS GREEN POD.—See Novelties. Pkt. 10c, ½ pt. 20c, qt. 70.

YOSEMITE MAMMOTH

One-half of a pod, showing size and fleshy thickness of these monster Wax beans.

POLE BEANS.

One quart will plant 100 to 150 hills.

These succeed best on clay loams, which should be liberally enriched with short manure in the hills, which are formed according to the variety, from three to four feet apart. From five to six seeds are planted in each hill, about two inches deep. After planting all beans be sure and firm the ground, either with feet or roller.

OLD HOMESTEAD.—See Novelties. Per pkt. 5c, ½ pt. 20c, qt. 60c.

KING OF THE 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. Per pkt. 5c, ½ pt. 15c, qt. 50c.

LARGE WHITE LIMA.—Per pkt. 5c, ½ pt. 15c, qt. 45c.

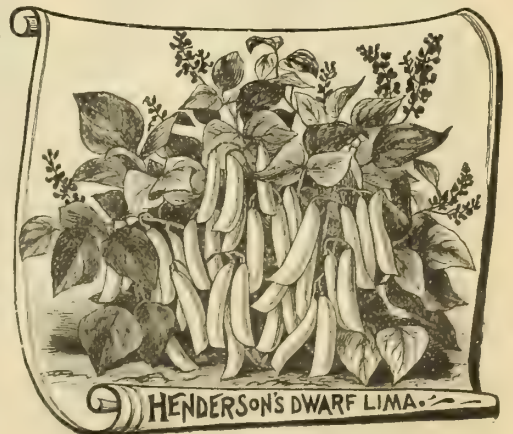
SCARLET RUNNER.—A favorite snap bean in Europe, valuable for table use or as an ornamental vine. Per pkt. 5c, ½ pt. 20c, qt. 70c.

CUT SHORTS.—The old-fashioned corn-field bean, which is so popular and often so difficult to obtain. Per pkt. 5c, ½ pt. 15c, qt. 50c.

WHITE DUTCH CASE KNIFE.—Good green-podded variety. Pkt. 5c, ½ pt. 15c, qt. 45c.

LAZY WIFE'S.—The very best late green-podded pole bean. The pods are of a medium dark-green color, broad, thick, very fleshy, and entirely stringless. The pods retain their rich, tender and stringless qualities until nearly ripe, and at all stages are unsurpassed for snap shorts. Each pod contains from six to eight round, white beans, which make excellent winter shell beans. Per pkt. 5c, ½ pt. 20c, qt. 60c.

YARD LONG.—A great curiosity, and withal a bean of excellent quality. Pods three feet long and highly ornamental. Tender and of asparagus flavor. Pkt. 10c.



Remember

We pay the postage on beans at these prices.

Deduct 15 Cts.

On each quart if to be sent by express or freight.

BEETS.

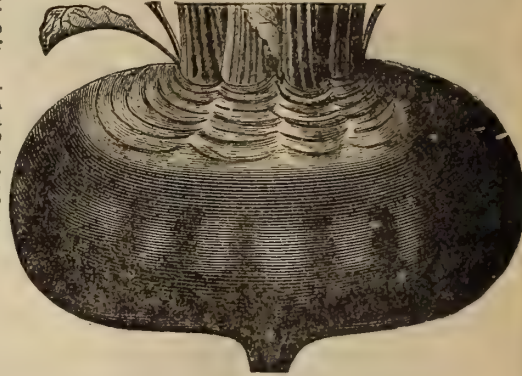
One ounce sows 50 feet of drill; 4 to 6 pounds for one acre.



For early, sow as soon as the ground can be worked, and about the middle of May for general crop, in drills fifteen inches apart and one and a half inches deep. As the plants grow thin to six inches in drills. The young plants make excellent greens. The seed will germinate more freely if soaked in warm water twenty-four hours before sowing; but care should be taken not to plant soaked seed in very dry ground. The soil should be a deep, rich loam.

IOWA SEED CO'S MARKET GARDENER'S BEET.—Undoubtedly one of the best novelties ever introduced, and it receives much praise from our customers each year. Its shape is well shown by the accompanying engraving. It is very symmetrical, with small tap root and but few fibrous roots. Unusually small tops. Although on some soils the Egyptian can be marketed a few days before the Market Gardeners, still within a week it will be found larger than the Egyptian, while it continues to grow until late in the fall, attaining a large size, and making a good eating and selling beet for winter. One sowing only is necessary to produce early beets for market and main crop for winter use. Color, deep blood red; fine grained and unsurpassed in quality. Per pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

CROSBY'S IMPROVED EGYPTIAN.—We believe this to be the earliest variety in existence. It was originated by Josiah Crosby, a leading market gardener for the Boston market, and is a great improvement on the old Egyptian, being thicker, handsomer, and more regular in shape, smooth, with very small tops and small tap root. It is of perfect shape when small thus making a good beet for bunching, and



CROSBY'S IMPROVED EGYPTIAN.

is very popular with the Des Moines market gardeners for this purpose. Per pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

EXTRA EARLY ECLIPSE.—Of rapid growth, small top, and extra fine quality. Roots smooth, round, intense blood-red skin and flesh. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

EGYPTIAN TURNIP.—Very deep red. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

DEWING'S IMPROVED BLOOD TURNIP.—An improvement on the old Early Blood Turnip. Globe shape; deep blood-red color, fine flavor, desirable for main crop; good keeper. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

BASTIAN'S EXTRA EARLY RED.—Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

BLACK QUEEN.—See Novelties. Per pkt. 10c.

SWISS CHARD.—For greens only. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

EXTRA LONG DARK BLOOD.—Standard winter; smooth, tender and sweet. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

MANGELS AND SUGAR BEETS.

Extensively grown in all parts of the country for feeding stock. Sow in April or May, in drills three feet apart, and thin to ten inches in the row. If your soil is deep and mellow, try the long varieties; if shallow the round kinds will do better. No crop pays the farmer or stock raiser better than mangels; 1,000 bushels to the acre is an ordinary yield, while, with good culture, over 2,000 bushels have been grown to this amount of ground. These make the cheapest of foods for all kinds of live stock—horses, cattle, sheep, pigs, chickens, etc. Easily grown and they help to keep stock in good condition and free from disease. Dairyman claim that a bushel of mangels and a bushel of corn are worth more than two bushels of corn. Use 5 lbs. seed to an acre. Full direction for culture, and storing mangels, will be sent on application.

GOLDEN TANKARD.—Best for dairy farming. Considered indispensable among English dairy farmers; it is stated by them they are able to obtain a higher price for milk when feeding cows on Golden Tankard. Sheep thrive on it. Other mangels cut white, circled with yellow, but Golden Tankard is of a rich, deep yellow throughout. Early, hardy and a heavy cropper, for on account of its shape the roots can be left standing close in rows. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 45c. By express, not prepaid, 5 lbs. \$1.50.

CHAMPION YELLOW GLOBE.—Finest type of Yellow Globe in cultivation. Roots immense size, fine shape, small tap root, neat top. Flesh being very firm and fine-grained, renders it an excellent keeping variety. Well adapted to shallow soils. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 45c. By express, 5 lbs. \$1.50.

RED GLOBE.—Like the above except color. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 45c. By express, 5 lbs. \$1.50.

MAMMOTH GOLDEN GIANT.—An improvement on the long yellow mangel, being of considerably greater size, more than half above ground and of a more grayish or rather russet yellow color. Remarkably even in shape, rather elongated, of vigorous growth; it has a fine neck and a very smooth skin. Flesh white, firm and sweet, much liked by cattle. In short, a magnificent root, easily lifted from the ground, producing enormous crops. Excellent keeper; yields 40 to 60 tons per acre. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c. By express, 5 lbs. \$1.50.

MAMMOTH LONG RED.—Very popular sort. Grows to an immense size and has produced sixty-five tons to the acre. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 35c. By express, 5 lbs. \$1.00.

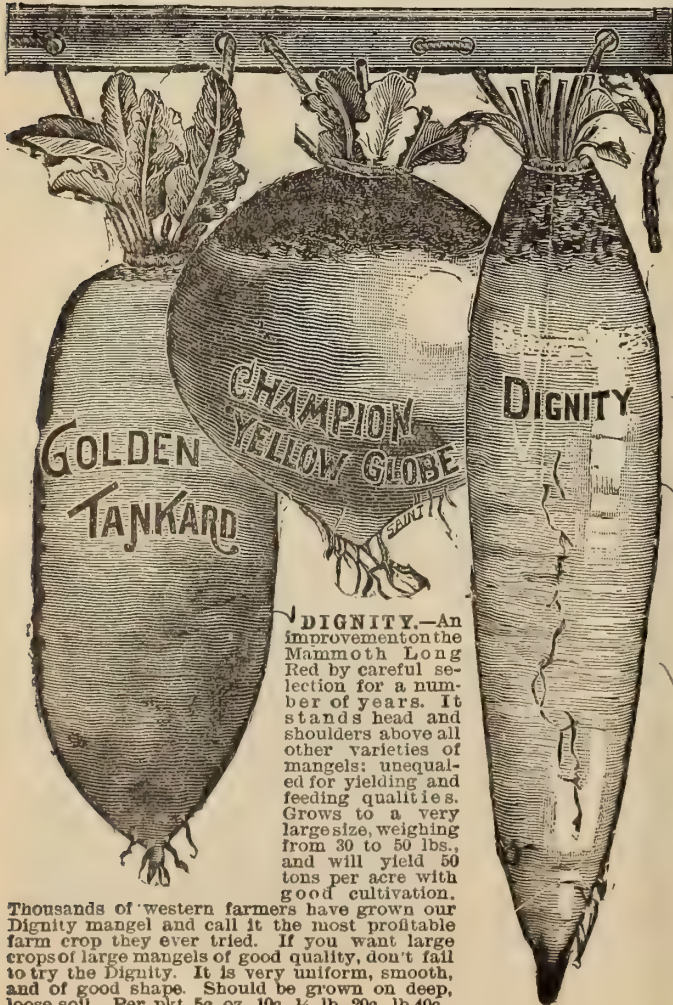
Collection of Mangels. One ounce each of the above six varieties for 30c, ¼ lb. of each for 90c, 1 lb. of each for \$2.25, postpaid, or \$1.75 by express.

SUGAR BEETS.

VILMORIN'S IMPROVED SUGAR.—Yields the largest percentage of sugar. Best of the French sugar beets. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

DIAMOND SUGAR.—Grown in Germany from beets which tested 18 to 20 per cent of sugar. Best of German varieties. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

LANE'S IMPERIAL SUGAR.—For feeding stock. Per pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 40c. By express, 5 lbs. \$1.25.



DIGNITY.—An improvement on the Mammoth Long Red by careful selection for a number of years. It stands head and shoulders above all other varieties of mangels; unequalled for yielding and feeding qualities. Grows to a very large size, weighing from 30 to 50 lbs., and will yield 50 tons per acre with good cultivation.

Thousands of western farmers have grown our Dignity mangel and call it the most profitable farm crop they ever tried. If you want large crops of large mangels of good quality, don't fail to try the Dignity. It is very uniform, smooth, and of good shape. Should be grown on deep, loose soil. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 40c. By express, not prepaid, 5 lbs. \$1.25.

CABBAGE.



EARLY JERSEY WAKEFIELD.

We pride ourselves on having the best, purest and highest grade of cabbage seed that is offered, or at least it is surpassed by none. Compared with the cost of seed, there is more money in growing cabbage than any other crop and there is nothing which growers should be more particular about.

The cabbage requires a deep, rich soil, and thorough working to insure good solid full-sized heads. Sow early sorts in hot-beds in February or March, or in open ground as soon as it can be worked. Later or winter crops in May or June, in shallow drills six inches apart. When the plants are four inches high transplant into richly manured ground, the early kinds two feet apart, the fall and winter varieties three feet apart. One ounce of seed will produce about 3,000 plants. Set 8,400 to 10,000 plants to the acre of the early sorts and 6,000 of the large late kinds.

EARLY JERSEY WAKEFIELD.—Considered by many gardeners the very best first early variety. It is of large size for so early a kind, and is certainly deserving of its great popularity. Heads hard and solid, and have few outside leaves. Our seed is the highest quality—American grown. Per pkt. 5c, oz. 15c, ¼ lb. 50c, lb. \$1.75.

EXTRA EARLY EXPRESS.—Excels in earliness all other sorts; has the shape and appearance of Etampes, but is smaller and eight to ten days earlier; has but few outside leaves and therefore may be planted very close and yield large crops. Per pkt. 5c, oz. 20c, ¼ lb. 60c, lb. \$2.00.

NEW WASHINGTON WAKEFIELD.—See description with novelties. Per pkt. 5c, oz. 25c, ¼ lb. 80c, lb. \$2.50.

VANDERGAW.—Forms large, solid heads, much larger than Early Summer, and almost as early, while if planted later it makes excellent heads for winter. It is remarkable for its certainty to head. Per pkt. 5c, oz. 20c, ¼ lb. 65c, lb. \$2.00.

ALL SEASONS.—This most excellent variety is as early as Henderson's Summer, and makes considerably larger and harder heads. It is very reliable for heading and of superior quality. It is called "All Seasons" because it is a very superior variety to plant late as well as early, the thickness of the head making it a capital sort to keep through the winter. Per pkt. 5c, oz. 20c, ¼ lb. 60c, lb. \$2.60.

FAULTLESS.—Of the early summer type, but far more regular and uniform in time of maturing. It is a rapid grower; have cut heads for market in 40 days after the setting of plants. Has a vigorous constitution, does not drop its leaves quickly, and is a good keeper. By sowing the seed July 1, perfectly solid heads will be formed by the time of trenching for winter. Per pkt. 5c, oz. 25c, ¼ lb. 75c, lb. \$2.25.

MAMMOTH RED ROCK.—A market gardener's strain of unusual size, color and weight, the result of careful and intelligent selection. It must prove very valuable. Its handsome appearance, large size, solidity and good quality will make it very desirable to all who like red cabbage. Color very dark red. Per pkt. 5c, oz. 25c, ¼ lb. 75c, lb. \$2.50.



.. NEW ..
**SHORT STEM
DRUMHEAD
CABBAGE.**

IOWA SEED CO'S SHORT STEM DRUMHEAD.—Our improved and selected strain of this popular variety has greatly pleased thousands of our customers during the past five or six years, and so greatly has it improved during the time we have had it, that in looking over our large field last summer it was almost impossible to find a head that was not solid and well formed. For sureness in heading and regularity of growth it is certainly the finest cabbage extant. It far surpasses any other strain which we have seen, ripening earlier, with very short stem or stalk, and large, thick, solid heads of silky fine quality, and of best keeping qualities. It is almost all head and always sure to head. Per pkt. 5c, oz. 20c, ¼ lb. 65c, lb. \$2.00.

DANISH BALLHEAD.—See novelties. Per pkt. 5c, oz. 25c, ¼ lb. 80c, lb. \$2.65.

BURPEE'S ALL-HEAD EARLY.—At least a week earlier than any of the various strains of early summer cabbage, and fully one-third larger, of perfect shape and the most solid variety on the list. Market gardeners to whom we furnished seed of this for testing were greatly pleased with it, and the cabbages took first premium at the State Fair, and attracted much attention for perfect shape and solidity. Originated with C. L. Allen, who has grown cabbage seed for us for several years, but our competitor, Mr. Burpee, was fortunate in securing the entire stock of it the first year of its introduction, and gave it his name. However, we can most heartily recommend it to our customers. Per pkt. 5c, oz. 20c, ¼ lb. 70c, lb. \$2.25.

CHASE'S EXCELSIOR.—Medium early and not excelled for sure, solid heading, which is the highest recommendation for a cabbage which must mature in the trying heat of summer. Another remarkable feature is that it never cracks. Very popular with our southern customers. Per pkt. 5c, oz. 20c, ¼ lb. 60c, lb. \$1.75.

OTHER WELL KNOWN VARIETIES.

ALL FIVE CENTS PER PACKET.

	OZ.	¼ LB.	LB.
Very Early Etampes	.10	.35	\$1.25
Extra Early York	.10	.30	1.00
Early Winningsstadt	.10	.35	1.25
Henderson's Summer	.15	.50	1.75
Fottler's Brunswick	.15	.50	1.75
Stone Mason	.15	.50	1.75
Surehead	.15	.50	1.75
Premium Flat Dutch	.10	.35	1.20
Marblehead Mammoth	.20	.60	2.00
Perfection Drumhead Savoy	.15	.50	1.75
Fine Red Pickling	.15	.50	1.75



FAULTLESS.

CELERY.

One ounce will produce about 6,000 plants.

This we consider one of the luxuries of the garden. No one who has once used it will be without it, and as it is usually so expensive in the market, the following simple directions are given, by which everyone who has a garden can supply themselves with it.

For first crop sow the seeds early in hotbeds, or in boxes in the house, or later in open ground, in rich, moist soil, covering the seed very lightly. When the plants are about three inches high, transplant to four inches apart each way in a rich pulverized bed.

The tops are shorn off once or twice before planting so as to insure "stocky" plants, which suffer less on being transplanted. After the ground has been well prepared, lines are struck out on the level surface, three feet apart, and the plants set six inches apart in rows. If the weather is dry at the time of planting great care should be taken that the roots are properly "firmed."

Keep clear of weeds until about the middle of August, when it will be time to begin earthing up. Draw the soil up against the plants with a hoe as closely as possible, firming it enough to keep plants in an upright position.

Later in the season the blanching process must be finished by digging the soil from between the rows and banking it up clear to the tops on each side of the row of celery. Considerable labor is saved by growing the self-bleaching varieties.

NEW PINK AROMATIC.—This splendid variety which was introduced by us, will, we think, eclipse all other sorts of its class in popularity as soon as it becomes known. It is of most attractive pink and white color. Crisp and tender; fine aromatic, nutty flavor; the very best celery on the list for winter. Blanches easily. Don't fail to try it. Per pkt. 5c, oz. 30c, $\frac{1}{4}$ lb. \$1.00, lb. \$3.25.

GOLDEN SELF-BLANCHING.—Of a very handsome form and even growth, reaching a very large size. It is entirely self-blanching. It is unequaled in striking appearance on the table, and decidedly the best keeper of all the self-blanching varieties. Per pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.25.

WHITE PLUME.—The stalks, portions of inner leaves and heart are naturally white and become fit for use by simply tying it up closely with soft twine. More used than any other variety by market and private gardeners. We had a very choice lot of this variety of seed grown for us this year in California. It is of the highest quality and sure to please all. Per pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$1.75.

GIANT PASCAL.—A remarkable novelty in celery. Stalks remarkably large, thick, solid, entirely stringless, very crisp and brittle. It is a vigorous grower and blanches very easily, requiring only five to six days' earthing up, when the outer stalks present a beautiful clear white appearance. Per pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.

CELERIAC.

OR TURNIP-ROOTED CELERY.

Grown exclusively for its roots, which are *turnip-shaped*, very smooth, tender and marrow-like. The roots are cooked and sliced; used with vinegar, they make an excellent salad, also used for seasoning meat and flavoring soups. Per pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, lb. \$1.70.



NEW PINK AROMATIC CELERY.

HENDERSON'S HALF DWARF.—Per pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 35c, lb. \$1.25.

GOLDEN DWARF.—Best of the varieties which need blanching. When blanched the heart is of a rich golden color, excellent flavor, and good keeper. Per pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 35c, lb. \$1.25.

BOSTON MARKET.—Per pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, lb. \$1.50.

DWARF CRIMSON.—Per pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.50.

KALAMAZOO.—Per pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 65c, lb. \$2.00.

OLD CELERY SEED.—For flavoring. Per oz. 5c, $\frac{1}{4}$ lb. 15c, lb. 40c.

CELERY PLANTS.—See list of Vegetable Plants.

CAULIFLOWER.

One ounce will produce about 3,000 plants.

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

HENDERSON'S EARLY SNOWBALL.—Throughout the country this is considered not only the earliest of all cauliflowers, but it is more certain to make a head than any other sort. Its dwarf habit and short outer leaves allow it to be planted as close as eighteen to twenty inches apart each way, thus making it especially valuable to market gardeners. Our stock is extra choice and cannot be excelled. It is grown in the locality where this variety originated, by a grower whom we believe to be the best in the world. Per pkt. 20c, $\frac{1}{4}$ oz. 75c, oz. \$2.50.

EXTRA EARLY DWARF ERFURT.—Valuable for forcing. A very popular variety in Europe and with eastern gardeners. First quality. Per pkt. 15c, $\frac{1}{4}$ oz. 60c, oz. \$2.00.

EARLY PARIS.—Well known. Per pkt. 10c, oz. 50.

LENORMAND'S.—There is considerable call in this market for a late variety of cauliflower, and in the Lenormand's we have just what is wanted. It is of large size and produces well formed heads of excellent quality. Per pkt. 10c, oz. 65c.

CAULIFLOWER PLANTS.—See list Vegetable Plants.



TURNIP-ROOTED CELERY, OR CELERIAC



HENDERSON'S EARLY SNOWBALL CAULIFLOWER

Sweet Corn.

One quart will plant 200 hills;
one peck will plant an acre in hills.

Plant as soon as the ground becomes warm in the spring, in hills about three feet apart; five or six grains to the hill, and when up thin them out, allowing three or four of the strongest plants to remain. Give thorough cultivation. For a succession plant every two weeks until midsummer. We make the growing of sweet corn for seed a specialty, and are sure our stock will please you.

EARLY SUNRISE.—The best early variety. See description with novelties. Per pkt. 5c, ½ pt. 15c, qt. 50c.

EXTRA EARLY CORY.—For several years past this variety has held its place as the first early, and as yet no other variety exceeds it in earliness, although we consider the Early Sunrise a much better early corn. Per pkt. 5c, ½ pt. 12c, qt. 35c.

NEW CHAMPION EARLY.—Earliest large corn ever introduced, being only a few days later than Cory, with ears nearly as large as the Mammoth. Ears were grown ready for table use in sixty-one days from time of planting, and they weighed one and one-half pounds each. It has a medium size white cob and large, pearly white kernels, very sweet, tender and full of milk. Per pkt. 5c, ½ pt. 12c, qt. 35c.

COUNTRY GENTLEMAN.—An improvement on the old favorite Shoe Peg Sweet. Corn our illustration of a single stalk shows its great productiveness; the crop can be counted on to give three to five ears to a stalk. When this unusual abundance is coupled with the luscious quality the general superiority of this new variety will be quickly seen. The cob is very small, thereby giving great depth to the kernels, which are of pearly whiteness, and, we cannot say too often—surprisingly sweet and tender. Per pkt. 5c, ½ pt. 15c, qt. 40c.

NEW ZIGZAG EVERGREEN.—The illustration (taken from a photograph of a dried ear) gives a good idea of the character of this corn, which all unite in pronouncing the grandest and most distinct late corn ever sent out. Zigzag excels the Stowell's Evergreen in all important points. It is sweeter. It is much

more productive (yielding two to four ears to the stalk), and it remains fit for use longer. The Michigan Agricultural Experiment station writes: "Ears of good size and well filled out. It reaches maturity with the Stowell's Evergreen and continues to furnish edible corn longer than any corn we have ever tested. Its season this year extended over a period of three weeks when it was cut by frost. At that time it looked as green and vigorous as ever." Private planters and market gardeners who tried this corn will use no other late variety. For canning it is unequalled. Per pkt. 5c, ½ pt. 15c, qt. 45c.

ZIGZAG EVERGREEN SWEET CORN.



IMPROVED RUBY.—A most unique novelty. The stalks, husk and cob being a deep ruby red in color, while the kernels are of a snowy whiteness and look like rows of pearls in contrast with the deep red color of the husks, the effect of which is very striking and beautiful. Very tender, sweet and well flavored. Per pkt. 5c, ½ pt. 15c, qt. 50c.

EGYPTIAN SWEET.—Very prolific, and one of the best late sweet corns in cultivation. Per pkt. 5c, ½ pt. 12c, qt. 35c.

STOWELL'S EVERGREEN.—This is more largely planted than any other variety, being the general favorite, with canners and market gardeners for late use. It is very productive, the ears are of a large size, grains deep, exceptionally tender and sugary, and remain for a long time in an edible condition. Per pkt. 5c, ½ pt. 10c, qt. 30c.

BLACK MEXICAN.—A black grained variety; one of the sweetest of all kinds. Per pkt. 5c, ½ pt. 15c, qt. 45c.

MAMMOTH SUGAR.—This produces the largest ear of any sweet corn, a single ear sometimes weighing as much as two or three pounds; quality very sweet and luscious. Per pkt. 5c, ½ pt. 15c, qt. 40c.

EVERGREEN FODDER.—Makes a profitable crop for dairymen. Per qt. 25c.

POP-CORN.

corn, we have been at work improving for several years, until now we have undoubtedly the best, handsomest and most attractive variety of pop-corn in existence. "Beautiful!" "Splendid!" "It takes the cake," is what our customers say of it. The color is a clear, translucent white, and each kernel is beautifully striped with bright crimson. Our illustration does not do it justice. The ears are of good size and well filled out; kernels are long and pointed, resembling rice. Early, very productive, and extremely tender when popped, bursting out very large, white as snow and of finest quality. All should try it. Per pkt. 5c, ½ pt. 15c, qt. 50c.

MONARCH WHITE RICE.—The best white variety grown. It bears from three to six ears per stalk, weighs 36 pounds per bushel of ears when dry, and produces 1,500 to 2,500 pounds per acre. It will pay you to try it. Per pkt. 5c, ½ pt. 15c, qt. 40c.

MAPLEDALE PROLIFIC.—The most productive pop-corn, averaging 5 to 12 good ears to the stalk, as many as 19 ears having been taken from a single stalk. Ears uniformly large. Pops to a large size and very tender. Per pkt. 5c, ½ pt. 15c, qt. 50c.

QUEEN'S GOLDEN.—Color a peculiar lustrous golden yellow; when popped, of a rich cream color; very prolific. Per pkt. 5c, ½ pt. 15c, qt. 50c.

FOR POPPING.—We can furnish nice two-year-old pop-corn at 20c per lb. postpaid. By express 5 lbs or more at 5c per lb.



COUNTRY GENTLEMAN.

well filled out. It reaches maturity with the Stowell's Evergreen and continues to furnish edible corn longer than any corn we have ever tested. Its season this year extended over a period of three weeks when it was cut by frost. At that time it looked as green and vigorous as ever." Private planters and market gardeners who tried this corn will use no other late variety. For canning it is unequalled. Per pkt. 5c, ½ pt. 15c, qt. 45c.

CROSBY'S EARLY.—A standard, medium early variety. Per pkt. 5c, ½ pt. 10c, qt. 35c.

SHOE PEG.—A very excellent and distinct variety. The stalks are of a medium height, without suckers, joints short and sometimes yield as many as five ears well filled out. The kernel is small, very long and white, which gives it its name, exceedingly tender, sweet, and of a rich, juicy flavor. Per pkt. 5c, ½ pt. 12c, qt. 35c.

ACME EVERGREEN.—A great improvement on and about two weeks earlier than the Evergreen; the stalks are more robust, but do not grow so tall and average two or three good ears to the stalk which are set low. Ears are long and of uniform shape, resembling the Egyptian, and have not the large butt so common with the Evergreen. The cobs are small and grain very deep. It is most thoroughly Evergreen, and holds its own during dry weather much better than any other variety of corn. Per pkt. 5c, ½ pt. 15c, qt. 40c.

PERRY'S HYBRID.—Large, early, twelve-rowed sweet corn. Per pkt. 5c, ½ pt. 12c, qt. 35c.

EARLY MINNESOTA.—The standard early sweet corn. Eight-rowed ears of good size and uniformly sweet and well flavored. Per pkt. 5c, ½ pt. 10c, qt. 30c.

It pays to raise pop-corn as a general crop. It is a sure crop, and the demand usually exceeds the supply. Some farmers claim that it is as easily grown as field corn and they receive three to four times the amount per acre for the crop. For main crop the Monarch White Rice will bring the best price per pound, as it is better known among the poppers. Let the children try a small patch any way and for home use.

MINATURE.—See description with novelties. Pkt. 5c, ½ pt. 25c, qt. 75c.

DYE.—See novelties. Per pkt. 10c.

PAGE'S NEW STRIPED RICE.—This splendid variety, which is the result of a cross between the best White and Red varieties of Rice pop-



PAGE'S STRIPED RICE POP-CORN.



CUCUMBER.

One ounce will plant 50 hills; two pounds will plant one acre.

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

NEW ASTRO.—A rare novelty, sure to excite the curiosity of your neighbors. With common out-door culture it will grow fifteen to eighteen inches in length, with very few seeds. Excellent for slicing. Flesh white and crisp. More fully described with novelties. Per pkt. 10c, 6 for 50c.

WESTERFIELD'S IMPROVED CHICAGO PICKLE.—Mr. Westerfield, having been engaged in growing pickles for Chicago pickle factories for many years, and also in supplying them with seed for other growers, has watched carefully and selected his seed stock from the most prolific and early maturing vines having the most desirable shaped cucumbers for pickles. Consequently his strain is now considered by all growers in that vicinity to be the best stock to grow. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

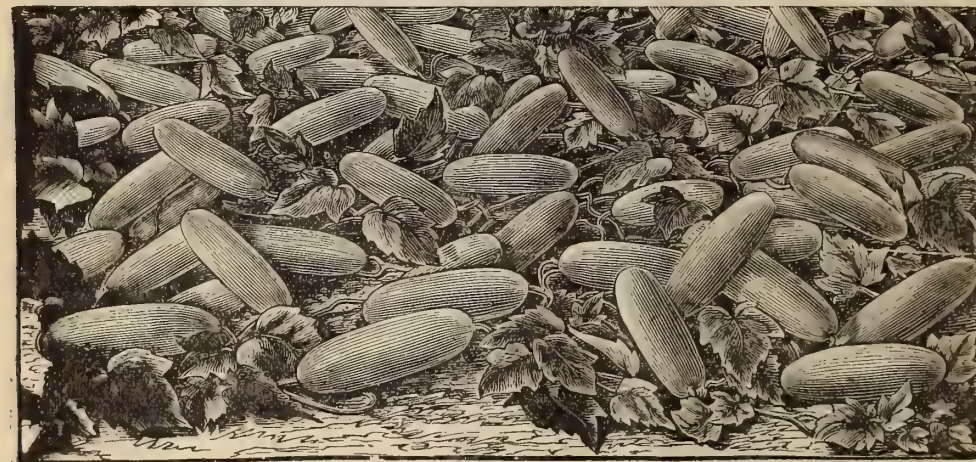
JAPANESE CLIMBING.

—This may be described as the sensational novelty of Europe. The seed was originally brought from Japan about five years ago, and has proven thoroughly adapted to open air culture throughout Europe and America. The vines are of healthy, vigorous growth, with rich, dark green foliage, and throw out strong, grasping tendrils, which enable

WHITE PEARL.—Bears freely throughout the season, and the cucumbers grow so thickly together that they actually lie piled one upon the other. The skin is very smooth and entirely free from spines. In color they are a beautiful pearly white; even the young fruits are of a very light color, nearly as pure a white as when ready for use. Per pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.



IMPROVED CHICAGO PICKLE.



PERFECT WHITE SPINE. (From a photograph taken on our Adair County Seed Farm.)

it to climb trellis, wire netting, brush or any other suitable support. It clings so tightly that it is not prostrated by heavy storms of wind or rain. It comes into bearing quickly and continues to set fruit abundantly throughout the season, while the climbing habit of growth enables the hanging fruit to grow perfectly straight. Of large size, from 12 to 16 inches in length; cucumbers thick, tender, of delicate flavor, cylindrical shape, flesh pure white, skin dark green, turning to brown and netted when ripe; of excellent quality for slicing. They made a grand crop on our place last year. Per pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.20.

EARLY CLUSTER.—Grows in clusters. Productive and of good quality. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

EARLY FRAME, OR SHORT GREEN.—Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

GREEN PROLIFIC.—Splendid pickling sort. Very productive. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

IOWA SEED CO.'S PERFECT WHITE SPINE.—For 15 years we have been growing and improving this variety on our seed farm, and as a result we offer to our customers this improved strain, pronounced by good judges superior to either Peerless or Arlington. Fruit of even and good size, straight, well-formed and symmetrical. When small it is deep green in color, and of uniform shape, making it unexcelled for pickling. When of usual size for slicing it still holds its color, shading to a light green at blossom end. As it matures it turns to a clear white. Very showy for market. Immensely productive, and keeps longer solid and crisp than any other variety. Outyields any other for pickles. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c. By express, 5 lbs. or more at 35c per lb.

WEST INDIAN GHERKIN, OR BURR.—Makes a handsome pickle of first-class quality. Be sure and try it. Per pkt. 5c, oz. 15c, ¼ lb. 50c.

BOSTON, OR JERSEY PICKLE.—Is used almost exclusively by the market gardeners near Boston for pickling. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

IMPROVED LONG GREEN.—Old standard sort; crisp, tender and of good flavor. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

NICHOL'S MEDIUM GREEN.

—Fruit medium length, nearly cylindrical, very uniform in shape, and of good color when young. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

SNAKE.—A remarkable and very interesting curiosity. Cucumbers grow curled up like a snake with the head protruding, and sometimes are six feet in length. Although attaining great size, the quality is only fair. Grown chiefly as a curiosity, and for exhibition. Pkts. only, 10c each.

GOURDS.

The following varieties will be found quite serviceable in any household. No one would think, without having tried them, of the many uses they can be put to. Cultivate as cucumbers; or they may be trained over lattice work, fences, etc.

JAPANESE NEST-EGG.—Grows almost uniformly to the size, color and shape of a hen's egg. The shells are hard and durable and make the very best nest eggs; as they do not crack. The largest ones, when sawed in two, make excellent pots for starting tomato, strawberry and other plants. Pkt. 5c, oz. 20c.

DIPPER.—Makes a more light and convenient dipper than can be bought. Dippers of various sizes, of a capacity of from a pint to a quart and a half, can be had from a few vines. Pkt. 5c, oz. 15c.

SUGAR TROUGH.—Very convenient for buckets, baskets, nest boxes, etc. Per pkt. 5c, oz. 15c.

LUFFA, or DISH CLOTH.—The peculiar lining of this fruit, which is sponge-like, porous, tough, elastic and durable, makes a natural dish cloth or sponge. The seed should be started early in a hot-bed or in the house. Per pkt. 10c, oz. 40c.

HERCULES CLUB.—Grows to immense size—sometimes 4 to 6 feet long. Per pkt. 5c, oz. 25c.

MIXED UTILITY GOURDS.—Seeds of the above varieties mixed. Per pkt. 5c, oz. 25c.



CARROTS.

One ounce will sow 100 feet of drill; 3 to 4 pounds for one acre.

This is an indispensable root for the farm and is deserving of more general cultivation. Well managed there is no crop pays better, and most farmers would find an acre or so desirable. Carrots form a nutritious, succulent food in the winter for horses, cattle, sheep and pigs. For early crop sow in spring as soon as the ground can be worked, in drills fifteen inches apart, covering one-half inch; thin plants to three or four inches apart in the row. For field culture rows should be of sufficient distance to admit of the use of a horse cultivator; sow seed from the middle of April to the first of June. A light sandy loam, deeply tilled is best. A fair average yield is 800 to 1,000 bushels per acre. Our seed is saved from carefully selected stocks and is sure to please you.

EARLY FRENCH FORCING.—The earliest variety; valuable for forcing. Per pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.00.

EARLY SCARLET HORN.—Favorite for early crop, but not large. Sold largely in New York markets bunched. Per pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 85c.

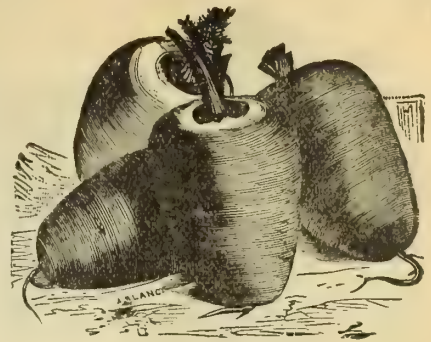
DANVERS.—It is in form about midway between the Long Orange and the Shorthorn class, growing generally with a stump root. It is claimed that this variety will yield the greatest bulk with the smallest length of root of any now grown. A first-class carrot for all soils, and for either garden or field culture. A rich, dark orange color, smooth and handsome. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 65c.

OXHEART.—One of the most valuable. Intermediate between the Half-Long and Horn varieties, attaining a diameter of 3 to 4 inches at the neck, of beautiful shape and rich orange color. Where other varieties require digging it is easily pulled. Per pkt. 5c, oz. 10c, ¼ lb. 30c, lb. 85c.

CHANTENAY.—Larger than Scarlet Horn, flesh rich orange color, finest quality, small tops. Medium early. Per pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.00.

VICTORIA.—Largest carrot grown, heaviest cropping and most nutritious; of rich orange color, symmetrical, excellent quality, possessing high feeding properties; heavy cropper on all soils, especially adapted for rich land, grows half as much weight again per acre than ordinary varieties; grows well out of ground, easily harvested. Per pkt. 5c, oz. 10c, ¼ lb. 30c, lb. 85c. By express, 5 lbs. or more, 60c per lb.

HALF-LONG CORELESS, or CARENTON.—Excellent flavor for table use. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.



OXHEART CARROT.



DANVERS HALF LONG

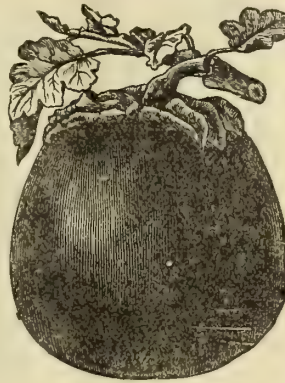
LARGE WHITE VOSGES.—Enormously productive, grows well out of ground, making it easy to harvest. Color light green above ground, white below; flesh rich, white, solid and crisp; heavy yielding. Per pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c. By express, 5 lbs. or more, 50c per lb.

IMPROVED LONG ORANGE.—Standard sort for field culture and desirable for table use; roots large and of good quality. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c. By express, five pounds, or more, at 40c per pound.

EGG PLANT.—*Ger. E. erfplants.*

One ounce will produce about 1,000 plants.

A tender plant, which should be started quite early in a hot-bed or box in the house, which must be kept warm. Late in the spring transplant to open ground 2½ feet apart each way in warm, rich soil. Soon as weather becomes warm they are thrifty and easily grown. They are a decided luxury which everyone should grow.



IMPROVED N. Y. EGG PLANT.

EARLY LONG PURPLE.—Hardy and productive, six to eight inches long. Per pkt. 5c, oz. 25c, ¼ lb. 90c.

IMPROVED NEW YORK.—Our strain of this leading market variety we believe to be unsurpassed. Very large size, skin deep purple, flesh white and of excellent quality. Very productive. See cut. Per pkt. 10c, oz. 40c, ¼ lb. \$1.25.

PEARL WHITE.—See Novelties, Per pkt. 10c, oz. 40c.

BRUSSELS SPROUTS.

Ger. Spresen-Kohl.

One ounce will produce about 3,000 plants.

Of the cabbage family, producing numerous heads on the stem, of most delicious quality, as well as a cabbage-like head at the top. If you have never grown it, try it this year and you will be pleased. Use and cultivation the same as winter cabbage.

ENGLISH.—Per pkt. 5c, oz. 20c.

AMERICAN MAMMOTH.—See Novelties. Per pkt. 10c, oz. 40c, ¼ lb. \$1.25.

TOBACCO.

One ounce will sow about 25 feet square and produce plants for one acre.

This is a paying crop and will do well in this State. The following varieties have been thoroughly tested in this climate. Our seed of most of these was grown on the crown panicles of select plants. Early in the spring burn a brush pile on the ground to be used for seed bed. Then thoroughly pulverize the soil, digging and mixing in ashes. Sow seed very shallow. When plants are six inches high transplant into rows four feet apart.



MAMMOTH MUSCATELLE.—Very early, leaves long, small ribbed, and of finest possible texture. Pkt. 10c, oz. 25c, ¼ lb. 75c.

HESTER.—Ripens early; adaptable to a wide range of soil and latitude, therefore surest. Yellow. Per pkt. 10c, oz. 25c, ¼ lb. 75c.

STERLING.—Per pkt. 5c, oz. 20c, ¼ lb. 65c.

BIG HAVANA.—Heavy cropper, fine texture, delightful flavor, earliest cigar variety to mature and ripen. Pkt. 5c, oz. 20c, ¼ lb. 65c.

CONNECTICUT SEED LEAF.—Well adapted to this climate. Per pkt. 5c, oz. 20c, ¼ lb. 65c.

BROCCOLI.—*Ger. Broccoli.*

One ounce will produce about 3,000 plants.

Growth and habit like the Cauliflower, except that it is more hardy, and the heads are not as compact. Cultivate same as Cauliflower.

EARLY PURPLE CAPE.—A popular sort; heads well and is very hardy. Per pkt. 5c, oz. 40c.

EARLY LARGE WHITE.—Pkt. 5c, oz. 40c.

ARTICHOKE.—*Ger. Artischoke.*

Plant early in spring, in drills, two inches deep. When strong transplant to permanent beds, in rich soil, in rows three feet apart and two feet in the row. They mature the second year. Must be protected in winter.

FRENCH GREEN GLOBE.—Per pkt. 5c, oz. 25c.

ARTICHOKE ROOTS.—See Field Seeds.



COLUMBIAN MAMMOTH WHITE ASPARAGUS, ASPARAGUS.—*Ger. Spargel.*

One ounce will sow forty feet of drill.

Soak the seed 24 hours in tepid water; sow early in spring, in rows a foot apart; keep clean by frequent weeding and hoeing. Ask for circular giving instructions for making an asparagus bed.

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

PALMETTO.—Stalks frequently measure two inches in diameter, and, even when twelve inches long, are perfectly tender when cooked. Per pkt. 5c, oz. 10c, ¼ lb. 30c, lb. 85c.

CONOVER'S COLOSSAL.—The standard variety. Per pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 45c.

ASPARAGUS ROOTS.—See page 36.



IMPROVED YELLOW GROUND CHERRY

GROUND CHERRY.

IMPROVED YELLOW.—Another year adds only to the popularity of this already popular little fruit, which we introduced, and it is now listed in the catalogues of the leading seedsmen of the country to whom we supply seed. It is a great improvement on the wild Ground Cherry. They grow well on almost any dry soil; are easier raised than the tomato, and are prolific bearers, and oh! such luscious fruit! For sauce they are excellent, and for pies nothing can equal them for flavor and taste. They are delicious as preserves, and when dried in sugar are much better than raisins for cakes and puddings, and they will keep in the shuck, if put in a cool place, nearly all winter. No one after raising them once will ever make a garden again without devoting a small portion at least to the Ground Cherry. Per pkt. 5c, ½ oz. 25c, oz. 40c.

HUSK TOMATO.

PURPLE.—This fruit is quite popular in some places. The plants produce handsome purple fruit in great abundance, which are from one to two inches in diameter and enveloped in a husk similar to the Ground Cherry. Per pkt. 10c, ½ oz. 25c, oz. 40c

CHERVIL.

Ger. Gartenkeibel.

One ounce will sow 100 feet of drill.

CURLED.—Leaves used in soups and salads. Cultivated like parsley. Per pkt. 5c, oz. 20c.

CHICORY.

Ger. Cichorie.

One ounce will sow about 15 square feet.

LARGE ROOTED.—Used as a substitute for coffee. Cultivate as carrots. Take up the roots in the fall, cut into small pieces and put away to dry. When wanted for use, it is roasted and ground like coffee. Pkt. 5c, oz. 10c, ¼ lb. 30c.

CORN SALAD, or FETTICUS

Ger. Lammersalat.

One ounce will sow about 20 square feet.

A delicious winter salad. Sow early in September in drills, quarter of an inch deep and six inches apart. Just before cold weather cover with straw or leaves. Per pkt. 5c, oz. 10c, ¼ lb. 30c.



POMEGRANATE.

CRESS, or PEPPER GRASS.

Ger. Kresse.

One ounce will sow about 16 square feet.

EARLY CURLED.—A well known salad. Sow early and at intervals during the season; cover seeds lightly. Per pkt. 5c, oz. 10c, ¼ lb. 25c.

TRUE WATER.—One of the most delicious of small salads. Will only grow where its roots are covered with water. Sow the seeds along the border of running water and cover lightly. Pkt. 5c, oz. 25c.

ENDIVE.

Ger. Endivien.

One ounce will sow 60 square feet.

One of the best and most wholesome salads for fall and winter use. Sow early and thin, cover slightly. Soon as large enough thin to nine inches apart. When leaves are eight inches long tie them together with string near the top to blanch. This must be done when quite dry. Before cold weather, take up for winter, being careful to leave a small amount of dirt around the roots.

EXTRA CURLED.—Pkt. 5c, oz. 20c. ¼ lb. 75c.

OKRA, or GUMBO.

Ger. Essberra Hibiscus.

One ounce will sow about 80 feet of drill.

Why not try Okra this year? It is extra nice for soups, stews, etc., and also much liked when pickled. Sow at the usual time of tender vegetables, in drills two inches deep, leaving the plants from two to three feet apart.



WHITE VELVET OKRA.

DWARF WHITE VELVET.—This new variety is well shown by our cut. Pods are round, smooth and of an attractive white velvety appearance, very tender and of a superior flavor. Plants are dwarf and produce the pods in abundance. Pkt. 5c, oz. 10c, ¼ lb. 35c, lb. 81.

GARDEN LEMON.

Introduced by us and it has been highly praised wherever tried. It resembles the Vine Peach in manner of growth, but is distinct in that the unripe fruit is striped with very dark green, nearly black, while the Vine Peach is plain green, and when ripe it is not russeted like the Vine Peach. Fruit is of shape shown in our engraving, and is somewhat smaller than Vine Peach, has thinner flesh, and is most decidedly more acid, thus dispensing with the sliced lemons which are so important in putting up the Vine Peach. Cultivate like musk melon, in hills three feet apart each way. Full directions for cooking in various manners with each packet. Pkt. 5c, oz. 15c, ¼ lb. 50.

ORNAMENTAL POMEGRANATE.

A very interesting and ornamental little fruit, which a century ago was commonly grown in the gardens but is now rarely seen. Grows on a pretty vine; fruit is round, of a bright yellow, irregularly striped with orange, red or mahogany; very fragrant; a single specimen will sweetly perfume a room for many days. Prolific and easily grown. Often called Queen Anne's Pocket Melon. Pkt. 5c, oz. 25c.



VINE PEACH.

A splendid novelty which was introduced by us. The vine on which they are borne is somewhat similar to the musk melon vine, and requires the same cultivation. The fruit is about the size of a large peach, oval shaped, and of a bright orange-yellow color, somewhat russeted. For sweet pickles, pies or preserving they are superb. Recipes for preparing them for the table will be sent with each order. In the west and northwest, where fruit is scarce, they are becoming popular, as they are easily cultivated, wonderfully prolific, and can be used in every way in which you would use a peach, except that they are not usually liked raw, although some consider them excellent simply sliced with a little sugar on. Try them, and we know you will be pleased. Per pkt. 5c, oz. 15c, ¼ lb. 50.

MUSTARD.

Ger. Senf.

One ounce will sow about 75 feet of drill.

A pungent salad, used sometimes with Cress, also for greens. Sow thickly in rows, and cut when about two inches high.

SOUTHERN GIANT CURLED.—Highly esteemed in the South, where the seed is sown in the fall, and the plants used very early in the spring as salad. Per pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

WHITE ENGLISH, or LONDON.—Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

NEW CHINESE GOLDEN.—Forms a compact, bushy plant. Leaves very thick, finely curled, and of a bright golden yellow color; very slow to go to seed; has no rank, strong flavor like other kinds, and pronounced by all who have tried it the best of greens. Pkt. 5c, oz. 15c, ¼ lb. 45c.

LEEK.

Ger. Lauch.

One ounce will sow one hundred feet of drill.

Sow early in spring, and when plants are three or four inches high, thin to eight inches apart. Hoe the earth well up to the stalk to blanch it.

LARGE ROUEN.—Largest and most uniform of all. Per pkt. 5c, oz. 20, ¼ lb. 60c.

COLLARDS.

Ger. Blatter-Kohl.

One ounce will produce about 3,000 plants.

GEORGIA.—Sow seed in May; transplant and treat as cabbage. Per pkt. 5c, oz. 15c, ¼ lb. 40c.



KALE, or BORECOLE.—*Ger. Blatter-Kohl.*

One ounce will produce about 3,000 plants.

This most excellent vegetable deserves to be more generally cultivated, being harder than Cabbage, and furnishing most excellent greens during winter and spring. It is also a splendid winter food for poultry. It is quite hardy and is improved by frost. Cultivate same as Cabbage. For winter, sow in September, and treat as Spinach, giving it a light covering of straw or litter to protect from severe cold.

EXTRA CURLED MOSBACH.—This is the most beautiful variety of kale grown.



EXTRA CURLED MOSBACH KALE.

The leaves are so finely crimped and curled, and of such a nice light green color that it answers admirably for garnishing. We also strongly recommend this as a most showy and attractive market variety, as well as being of excellent quality when cooked for the table. A popular sort for market gardeners. Per pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.25.

DWARF GERMAN GREEN.—Best for winter greens. Per pkt. 5c, oz. 10c, ¼ lb. 35c, lb. \$1.00.

TALL CURLED SCOTCH.—Per pkt 5c, oz. 10c, ¼ lb. 35c, lb. \$1.00.

KOHL RABI.—*Ger. Kohlrabi.*

One ounce will sow a 200 foot drill.

An excellent vegetable, intermediate between the Cabbage and Turnip. Sow in rows in May or June, eighteen inches apart, thinning to eight inches between the plants. Cook as turnips.

GOLIATH PURPLE.—See Novelties. Per pkt. 10c, oz. 40c.

EARLY WHITE VIENNA.—Flesh white and tender; good market sort. Per pkt. 5c, oz. 20c, ¼ lb. 65c, lb. \$2.

EARLY PURPLE VIENNA.—Per pkt. 5c, oz. 20c. ¼ lb. 65c, lb. \$2.

PARSNIP.

One ounce will sow 200 feet of drill; five lbs. to an acre.

Sow early in spring in good rich soil, which has been plowed deep, in drills fifteen inches apart, covering half an inch. Thin to five or six inches apart in rows. They are improved by frost.

I. S. CO'S IMPROVED TABLE GUERNSEY.—A greatly improved and wonderfully fine strain of the Guernsey Hollow Crown Parsnip. It is strictly a table variety, and has no resemblance to the Guernsey stock parsnip, which is not good for table use. The roots do not grow as long as the Hollow Crown, but are of greater diameter and more easily gathered. It is a very heavy cropper; the roots are smooth, with a deep hollow crown and a small top. The flesh is fine grained and sweet, and of excellent quality. Cooks evenly all the way through to the center which is as fine and soft and even in quality as outside portions. It is sure to please all who try it. Per pkt. 5c, oz. 10c, ¼ lb. 30c, lb. 75c.

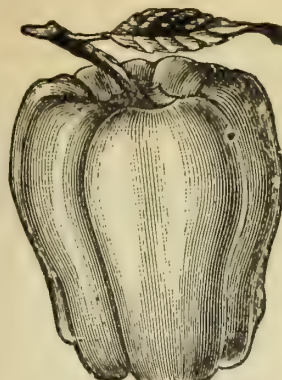
LONG SUGAR, or HOLLOW CROWN.—The standard for either table use or stock feeding. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

Ahead in New York.

Tiashoke, N. Y., Nov. 17, '96.

"I took first premium this year at the Washington County Fair on Juno Peas grown from your seed."

G. F. JOSLIN.



RUBY KING.

from six to twelve large handsome fruits. Per pkt. 5c, oz. 20c, ¼ lb. 65c.

CELESTIAL.—When they are fully ripe they are of a delicate creamy yellow color, then suddenly change to an intense vivid scarlet. The brilliant contrast in colors makes a plants loaded with fruits an object of striking beauty and oddity. The peppers are of superior quality, of a clear, sharp flavor. Per pkt. 5c, oz. 20c, ¼ lb. 65c.

RED CLUSTER.—Similar to the Chili, but smaller and more productive. Per pkt. 5c, oz. 20c, ¼ lb. 65c.

RED CHILI.—Small, very hot. Used everywhere for pepper sauce. Per pkt. 5c, oz. 20c, ¼ lb. 60c.

CORAL GEM BOUQUET.—This new red-hot pepper is the finest of the small-sized varieties, and makes a very pretty ornamental plant for growing in pots. Excellent for pepper-sauce. Per pkt. 10c, oz. 50c.

LARGE BELL, or BULL NOSE.—An early standard sort. Per pkt. 5c, oz. 15c, ¼ lb. 50c.

SWEET MOUNTAIN, or MAMMOTH.—Similar to above, but milder. Per pkt. 5c, oz. 15c, ¼ lb. 50c.

RED CAYENNE.—Per pkt. 5c, oz. 25c, ¼ lb. 90c.

RHUBARB, or PIE PLANT.

One ounce will produce about 100 plants.

Succeeds best in deep, rich soil. Sow in spring in drills; cover one inch. Thin plants to six inches apart. Transplant in autumn or spring to permanent beds, three feet apart each way.

IDEAL MAMMOTH.—See Novelties. Per pkt. 10c, oz. 25c.

VICTORIA, or MAMMOTH.—The most popular variety. Per pkt. 5c, oz. 15c, ¼ lb. 50c, lb. \$1.65

RHUBARB ROOTS.—See vegetable plant list.

HERBS.

In making up your assortment of seeds for the year don't neglect to order a few varieties of herbs. They should have a place in every vegetable garden.

Sow seed in shallow drills one foot apart, and when up thin out and transplant to a few inches apart. The chief point is to harvest them properly, which should be done on a dry day when not quite in full bloom, then dried quickly and packed closely, and entirely excluded from the air. The following are the varieties



most cultivated and which are most satisfactory to our patrons.

ANISE.—Annual. Per pkt. 5c, oz. 10c.

BALSAM.—Perennial. Per pkt. 5c, oz. 30c.

BASIL, SWEET.—Annual. Per pkt. 5c, oz. 20c.

BORAGE.—Annual. Per pkt. 5c, oz. 15c.

CARAWAY.—Perennial. Per pkt. 5c, oz. 10c.

CATNIP.—Perennial. Per pkt. 10c, oz. 50c.

CASTOR OIL PLANT.—Annual. Per pkt. 5c, oz. 10c.

CORIANDER.—Annual. Per pkt. 5c, oz. 10c.

DANDELION.—Perennial. Per pkt. 5c, oz. 30c.

DILL.—Annual. Per pkt. 5c, oz. 15c.

FENNEL.—Perennial. Per pkt. 5c, oz. 15c.

HOREHOUND.—Perennial. Per pkt. 5c, oz. 30c.

HYSSOP.—Perennial. Per pkt. 5c, oz. 30c.

LAVENDER.—Perennial. Per pkt. 5c, oz. 25c.

MARJORAM, SWEET.—Perennial. Per pkt. 5c, oz. 30c.

OPIMUM POPPY.—Annual. Per pkt. 5c, oz. 3c.

ROSEMARY.—Perennial. Per pkt. 10c, oz. 45c.

RUE.—Perennial. Per pkt. 5c, oz. 30c.

SAFFRON.—Annual. Per pkt. 5c, oz. 15c.

SAGE.—This hardy perennial is used more than any other for flavoring and dressing. Should be in every garden. Per pkt. 5c, oz. 20c, ¼ lb. 70c, lb. \$2.25.

SAVORY, SUMMER.—Annual. Per pkt. 5c, oz. 20c.

THYME, BROAD LEAVED.—Perennial. Per pkt. 5c, oz. 40c.

TANSY.—Perennial. Per pkt. 10c, oz. 50c.

WORMWOOD.—Perennial. Per pkt. 5c, oz. 30c.

MIXED VARIETIES.—A mixture of all the above. Nice garden assortment. Per pkt. 5c, oz. 25c.



DENVER MARKET.—An early variety of Head Lettuce, either for forcing or open ground. It forms large, solid heads, of a good light green color, and is very slow to go to seed. The leaves are beautifully marked and blistered (like the Savoy Cabbages), and very crisp and tender and of excellent flavor. By these blistered leaves it distinguishes itself from any other kind of Lettuce now grown. The shape of the head resembles somewhat the "Hanson," but is more oblong. Per pkt. 5c, oz. 15c, ¼ lb. 50c.

GRAND RAPIDS.—As many as fifty large greenhouses at Grand Rapids, Michigan, are devoted to forcing this lettuce in winter; the growers have distanced all competitors, and obtained the highest prices in the markets of all the cities to which they have shipped. Of superior quality and beautiful appearance the Grand Rapids Lettuce is a strong grower, free from rot, and keeps crisp and tender without wilting when exposed for sale, longer than any other forcing lettuce. It is also a desirable variety for sowing in the open ground. The engraving is from a photograph. Per pkt. 5c, oz. 15c, ¼ lb. 50c.

CALIFORNIA CREAM BUTTER.—A variety of Cabbage Lettuce, with round solid heads, as shown in the illustration; outside the heads are of a medium green, slightly marked with small brown spots; within, the leaves are of a very rich cream yellow color, most refreshing in appearance, and particularly rich and buttery to the taste. The heads are 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. Pkt. 5c, oz. 15c, ¼ lb. 50c.

EARLY CURLED SIMPSON.—An improved variety of the Curled Sillesia, with large, loose heads and excellent flavor. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.00.

BLACK SEEDED SIMPSON.—Nearly double the size of the ordinary Curled Simpson; stands the summer well without becoming tough, or running to seed quickly. Is by far the most popular variety for greenhouse forcing, making large, handsome heads in a very short time. Gardeners claim that our seed is worth far more than any other. Per pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.25.



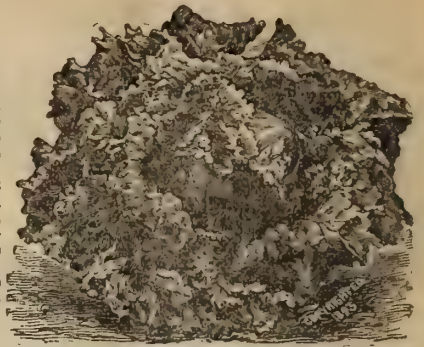
TOMHANNOCK.

LETTUCE—*Ger. Lattich.*

One ounce will sow 120 feet of drill.

Probably no vegetable is more universally used than Lettuce, and to be fully appreciated it must be brought to the table fresh and unwilted. As it requires but little room, and is of the easiest culture, there are but few families that cannot have it direct from the bed. The quality of Lettuce depends largely upon a rapid and vigorous growth. Sow in hot-bed in March and in open ground as early as it can be worked, thinly in drills one foot apart. For a succession sow every three weeks during the season. The soil should be rich and mellow. Thin out plants as they grow, so that the plants left to head will stand 10 to 12 inches apart in the rows.

PRIZE HEAD.—Very tender leaves of dark reddish brown color, variegated with dark green. Heads large and of good flavor. Pkt. 5c, oz. 10c, ¼ lb. 35c, lb. \$1.20.



NEW ICEBERG LETTUCE.

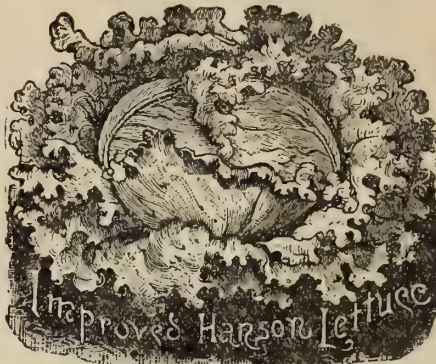
NEW ICEBERG.—There is no handsomer or more solid cabbage lettuce in cultivation—in fact, it is strikingly beautiful. The large, curly leaves that cover the outside of the solid heads are of a bright, light green, with a very slight reddish tinge at the edges. They are usually covered with dewdrops and have a peculiarly crystalline appearance. The center is thoroughly blanched. Whether in early spring or the hottest days in summer, the quality is simply perfect. Surprisingly fine for the home garden and equally valuable for market. Per pkt. 5c, oz. 20c, ¼ lb. 65c.

IMPROVED HANSON.—For general use both of market gardeners and in the private garden, we are sure that no variety can surpass our improved carefully selected strains of Hanson Lettuce. It has been so judiciously improved that the heads are so solid that often they do not need a seed stalk unless cut open with a knife. Heads are very large, green outside and nearly white within, deliciously sweet, crisp and tender, and almost absolutely free from any rank or bitter taste. Resists the summer heat exceptionally well. It cannot be praised too highly. Per pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.20.

TOMHANNOCK.—Forms a beautiful plant, 10 to 12 inches high by 9 to 10 inches across. The leaves grow upright, the upper part of the outer leaves turn outward gracefully, and are of a glossy, reddish bronze, quite ornamental. The leaves are almost white, very tender and crisp; it does not head. Grows quickly and remains for weeks of the finest quality; slow to run to seed. Per pkt. 5c, oz. 15c, ¼ lb. 45c, lb. \$1.50.

MIXED VARIETIES.—Seed of about twenty early, medium and late sorts mixed together, thus giving lettuce for the table during the entire seasons and giving an opportunity to examine all the leading varieties with but little expense. Pkt. 5c, oz. 15c, ¼ lb. 45c, lb. \$1.30.

GREEN FRINGED.—Edges beautifully cut and fringed. A good sailing variety. Per pkt. 5c, oz. 15c, ¼ lb. 40c.



MIGNONETTE.—See Novelties. Pkt. 10c.

OAK LEAVED.—Has oak-shaped leaves, the broader part set to stem and pointed at the tip, thus giving it a very unique, handsome and attractive appearance. Per pkt. 5c, oz. 15c, ¼ lb. 45c.

OLD LETTUCE SEED.—For birds. Per lb. 45c.

Shenandoah, Ia., Mch. 26, '96.

I bought seed of you for a number of years in succession, but got "switched off" last year, and felt like I ought to be "switched" when I received the seeds the other firm sent me. So I will return to you, where I always got good treatment.

GEO. H. CASTLE.



NEW GRAND RAPIDS.

Musk Melon.

One ounce will plant about 80 hills; two pounds to the acre.

The soil best adapted to the culture of melons is a warm, rich, sandy loam. Plant in hills five or six feet apart each way, ten or twelve seeds in a hill. When they begin to vine, thin out, leaving only four of the most thrifty. As melons are very sensitive to cold, they should not be planted until the settled warm weather begins—in this latitude about the middle of May. Cultivation should commence as soon as the plants appear above the ground, and be kept up once a week until the vines interfere too much. You will be pleased with our melon seeds.

IOWA MASTODON.—See Novelties. Per pkt. 10c, oz. 25c.

GRAND RAPIDS.—Earliest of all. Fine flavor. It will pay you to try it. See Novelties. Per pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

PERFECTED DELMONICO.—This improved type of the Delmonico melon is almost a perfect globe in shape; the skin is a peculiar grayish green until ripe, when it changes to a bright yellow. The ribs are wide and covered thickly with a prominent netting. The melons average six inches in diameter, have a very small seed cavity, and are exceedingly thick and heavy for their size. The flesh is a deep, rich, orange yellow color, and is of very fine grain, without the slightest stringiness. This variety produces melons of uniformly high quality and is likely to displace all other red or yellow fleshed sorts. It is a strong, hardy grower and very prolific. We can recommend it either to the market gardener or amateur. Per pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.20.

BANQUET.—The flesh is dark, rich salmon color, uniformly thick and of that granulated character which always indicates a good melon. Of round shape, densely netted over its entire surface; very handsome. Per pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.

EMERALD GEM.—This is one of the most delicious melons we have ever eaten. The flesh is thick of a suffused salmon color, almost red, and ripens thoroughly to the extremely thin, green rind. It is peculiarly crystalline in appearance, juicy and rich. The flavor is sweet and luscious beyond description. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 65c.

MONTREAL MARKET.—Uniformly of large size, averaging from 15 to 20 pounds in weight. Flesh very thick and fine flavor. Per pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 65c.

PERFECTION.—Rich color and luscious flavor. Per pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 65c.



I. S. CO'S IMPROVED GREEN NUTMEG.

5c, oz. 10c, $\frac{1}{4}$ lb. 25, lb. 75c.

PRINCESS.—This splendid variety is nearly round, with heavily netted, dark green skin; the flesh is of a rich salmon color, and in flavor it is sweet and luscious beyond description. They ripen early and grow to good size, frequently weighing eight to ten pounds each. Per pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 65c.

BAY VIEW.—This variety is one of the largest, most prolific, best flavored and finest melons in cultivation. It has been grown to weigh from fifteen to twenty pounds and from fifteen to eighteen inches long. It is hardy, vigorous, and continues a long time in bearing. Per pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60.

CHAMPION MARKET.—A superb variety. Almost a perfect globe in shape, and densely netted, making it one of the handsomest cantaloupes known. Flesh is thick, light green color, and rich, sweet flavor. Very productive. Per pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 70.

BANANA.—Attains a length of from eighteen inches to three feet three inches, and is from two to four inches thick. Flesh very thick, of a salmon color. It looks almost like an overgrown banana, and smells like one, hence the name. Per pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.

WINTER PINEAPPLE.—Entirely distinct from any other variety. The outside skin, instead of being netted, is deeply corrugated. They have the thickest flesh of any melon, with but a small seed cavity, almost solid. When ripe the outside skin is of rich yellow, intermingled with light green color, spicy, melting and delicious. They do not ripen on the vines like other musk melons, but have to be picked before hard frost and laid away in a cool, dry cellar, where they will keep sound and sweet for months. They are hardy and very prolific. Per pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, lb. \$1.00.

SHUMWAY'S GIANT.—Of monstrous size, cream yellow, early, absolutely distinct. Sweet and luscious with fine, melting, thick, salmon colored flesh. Never stringy. The flavor is pleasant, not high nor rank. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.

IMPROVED CANTALOUPE.—Large size, flesh of a light yellow color and delicious in flavor. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50.

OSAGE.



WATERMELON.

One ounce is required for sixty hills.

Plant in hills eight feet apart and cultivate same as musk melon. Thousands of melon growers annually depend on us for their seeds and are universally pleased, and claim that nowhere have they ever obtained seeds so pure and reliable. It pays to have the best. Growers using a large quantity (not less than five dollars' worth) are entitled to market gardeners' prices and should send for special list.

COLE'S EARLY.—Decidedly the finest early variety for the private garden. It is very early and will mature further north than most other sorts. Of medium size, very productive, continuing to bear throughout the season. Flesh of bright red color, of granulated, sparkling appearance. In flavor it is lusciously sweet and refreshing. Per pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, lb. \$1.00.

FORDHOOK EARLY.—Was proved to be the largest early variety on the list. From seeds planted May 10th, ripe melons were produced the last of July. The rind is tough, making it valuable for shipping. Color a uniform medium green; seeds white; flesh red and very sweet. Per pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.

VICK'S EARLY.—Medium size, flesh bright pink, solid and sweet; said to be the earliest variety in cultivation. Per pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.

PEERLESS, or ICE CREAM.—(White seeded.) Of unquestionable quality, very early, medium size, thin rind, flesh bright scarlet. Per pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.

PHINNEY'S EARLY.—The melons are of medium size, oblong in shape and very uniform, the skin being mottled, flesh red and sweet. Per pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

SWEET HEART.—An entirely distinct and new watermelon which is early, large, handsome, heavy, good shipper, long keeper, bright color, and of the best quality. Carloads of Sweet Hearts were sold at fancy prices in the market when no other sorts were salable. Its vines are vigorous and productive, ripening its fruit early. The fruit is large, oval, very heavy, uniformly mottled light and dark green. Rind thin but firm. The flesh is bright red, firm, solid but very tender, melting and sweet. Fruit remains in condition for use longer than any other sort. This variety originated as a sport in the field of a prominent melon grower and he has grown it several years and received fancy prices for his melons. No melon grower should be without it. Per pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, lb. \$1.00.

TRUE DARK ICING, or ICE RIND.—Very solid sort, thin rind, most delicious flavor. Per pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.

CUBAN QUEEN.—Large size and productive; flesh bright scarlet and of good flavor; a good seller. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.

WHITE GEM.—Very productive and sets probably more fruit to the acre than any other watermelon in cultivation. The melons are round, of good average size for family use, weighing 15 to 20 pounds each, and of a beautiful cream white color when ripe. The flesh is a rich, bright pink, crisp, melting, juicy and sweet in flavor. Per pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, lb. \$1.00.

STRIPED GYPSY or GEORGIA RATTLESNAKE.—A favorite melon in the south for shipping to northern markets. An early variety, large, oblong, skin green, mottled and striped, rind thin, flesh crimson and fine flavored. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

GREEN AND GOLD.—Large size, slightly oval; dark green. Flesh yellow as gold, sweet as sugar, and of unequalled flavor. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 35c, lb. \$1.00.

MOUNTAIN SWEET.—Per pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

FANCY KOLB'S GEM.—Grown by one of the best watermelon growers in the U. S. from carefully selected, pure stock, and this seed is taken from melons weighing not less than 40 lbs. each. Both ends of these melons are cut off and seed saved only from the middle part. Seed selected in this way always gives the best satisfaction, and one pound of it is worth more than ten pounds of unselected seed to the grower who caters to the best trade. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 45c, lb. \$1.25.

DUKE JONES.—This fine melon has a dark green rind slightly striped, flesh bright red, very juicy and delicious. It matures medium early, is very prolific and much larger than the Kolb's Gem. Is sure to be a favorite with melon growers. A carload of 800 melons averaging 43 pounds each were gathered from two-thirds of an acre. A prominent grower writes that they produced ripe melons sixty-five days from planting. Per pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.

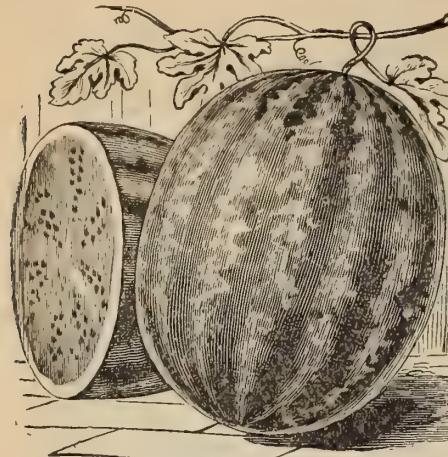
DIXIE.—Very popular with melon growers in some sections. Is a cross between Kolb's Gem and Mountain Sweet, surpassing the former in shipping qualities and fully equaling the latter in fine eating quality and flavor. It is from 8 to 10 days earlier than either, has a remarkably thin, tough rind, and will keep and ship well. Each vine matures 7 to 8 large melons. The flesh is bright scarlet, of fine quality almost down to the skin. Per pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.

20 VARIETIES of the finest watermelons, the largest, earliest, sweetest and best in cultivation. Grown separate and carefully mixed by us. A chance to test all kinds at a low cost. Try them. Per pkt. 5c, oz. 10c.

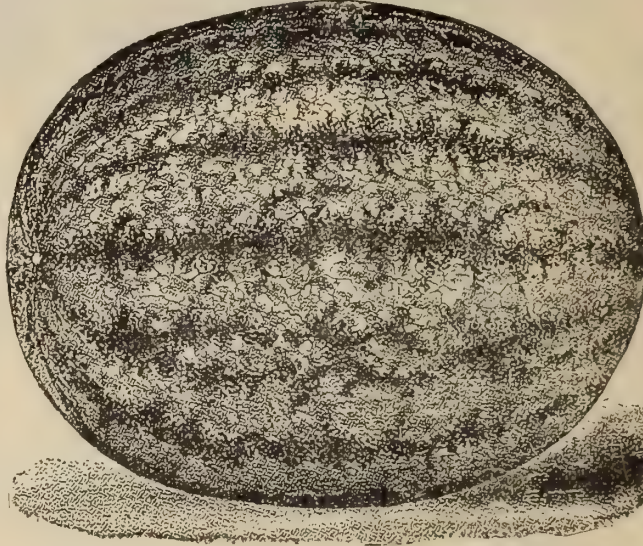
CITRON MELON.

COLORADO PRESERVING.—It makes beautiful, clear, transparent preserves of perfect flavor. Very productive. Green seeds. Per pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

RED SEEDED CITRON.—The old popular sort for preserving. Per pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, lb. \$1.00.



COLE'S EARLY.



FANCY KOLB'S GEM.

WONDERFUL SUGAR.—See Novelties. Per pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

NABOB.—See Novelties. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, lb. \$1.50.

ORANGE.—See Novelties. Per pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, lb. \$1.50.

ICE KING.—Ripens about ten days earlier than Kolb's Gem. Very productive, many of the vines maturing from six to eight melons each. The flesh is of a scarlet color and fine flavor. Rind is thin and very tough. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, lb. 85c.

JOHNSON'S CHRISTMAS.—The flesh is of a beautiful rich scarlet, very solid and of a delicious sugary flavor. Per pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.

PRIDE OF GEORGIA.—Very popular with Des Moines growers. It is of a dark green mottled color, nearly oval, ridged like an orange; grows partly upon its end, is firm, will ship well, attains a large size, and is very sweet and crisp. Per pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, lb. 75c.

OEMLER'S TRIUMPH.—Flesh dark red, mottled with yellow, very early; excellent flavor. Seeds very small. Per pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, lb. \$1.50.

KOLB'S GEM.—This variety, on account of its excellent shipping qualities, is largely grown for shipping purposes. They grow nearly round, and the color is a dark green with narrow stripes of lighter shade. The rind, though quite thin, is very tough. Flesh bright red and of good flavor. Per pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.



SWEET HEART WATERMELON.

ONION.

One of the most important crops grown, both in market and family gardens, and there is no other vegetable where the quality of the seed exerts a greater influence upon the crop than in onions. There is more money in onions grown from seed than almost any other crop. Good onion seed is of the utmost importance. Fully realizing this, we have for many years made a specialty of onion seed, and have all our crop raised under special contract subject to careful supervision. Our onion seed is all grown from choice, selected bulbs, critically examined before being set out for seed. In vitality it is very strong, being carefully tested. Sowing seed to produce large onions is the cheapest, easiest, best and most satisfactory way. Large onions can easily be grown the first year from the seed by obtaining our seed, which is all American

grown, and new crop. It won't pay you to use the cheap, imported, or southern grown seeds, which produce a large proportion of scullions and onions that will keep well. Poor seed, even as a gift, is the dearest the planter can use. We want you to try our seed, and have therefore put the price down to as low a rate as good, reliable seed can be sold for. In comparing our prices with others, remember that **WE PAY THE POSTAGE.**

SPECIAL PRICES.—It will pay market gardeners and onion growers who use large quantities of onion seed to write for special wholesale prices, stating quantity required.

CULTURE.—One ounce will sow about 100 feet of drill; 4 pounds will sow one acre. As early as the ground can be worked in the spring, sow the seed in drills fourteen inches apart, covering one half inch. They should be planted in rich, sandy soil, which is as free from weeds as possible. Commence hoeing as soon as the rows can be seen; skim the ground over the surface; avoid stirring deeply, and work the soil away from the bulbs. At second hoeing weed carefully and thoroughly by hand. When the tops die, pull and spread evenly over the ground; stir or turn until fully dried, then cut the tops one-half inch from the bulb. For pickles or sets, good ground should be prepared as above, and the seed should be sown very thickly in broad drills, about 40 pounds to the acre for sets, and 15 to 20 pounds for pickling. For sowing onion seed and cultivating the crop, it will pay you to purchase a good drill and hand cultivator. See description elsewhere. Lang's Hand Weeder (price 30 cents, postpaid) is the best hand weeder made. Try it.

LONG-KEEPING RED GLOBE.—See Novelties. Per pkt. 10c, oz. 25c.

CANARY ISLAND.—See Novelties. Per pkt. 10c, oz. 35c.

YELLOW GLOBE DANVERS.—A very handsome, round or globe-shape variety of large size, with thin, yellow skin, white flesh, fine grained, mild, very firm and the best of keepers. It ripens early and sells readily at the highest prices in our markets. Per pkt. 5c, oz. 10c, ¼ lb. 25c, ½ lb. 75c.

LARGE RED WETHERSFIELD.—The standard sort throughout the west, as they are the most hardy, and immense crops can be raised when more tender varieties would fail. They grow to a large size, fine form; skin deep, purplish red; moderately fine grained and strong flavor. Very productive and an excellent keeper. Our seed of this variety is extra select and cannot be excelled. Our price is low, but should you want five pounds or more, ask for special rates. Per pkt. 5c, oz. 10c, ¼ lb. 25c, ½ lb. 75c.

EARLY RED WETHERSFIELD.—For many years one of the largest onion seed growers in the United States has been carefully selecting, each season, the most perfect, even-shaped onions which matured early and were of regular, uniform size. The result is an extra choice, early maturing, solid and productive sort. Pkt. 5c, oz. 10c, ¼ lb. 30c, ½ lb. \$1.00.

EXTRA EARLY PEARL.—The earliest and best of all the American varieties. It is of good size, of pearly white color, the outer skin having a most showy, waxy appearance; flesh of pure snow white, and flavor so mild that it can be eaten like an apple. It grows with wonderful rapidity. We are sure all who try it will be greatly pleased. Per pkt. 5c, oz. 15c, ¼ lb. 50c, ½ lb. \$1.50.

LARGE WHITE GLOBE.—The handsomest market variety we have ever seen. Large size, oval form, very even, mild and pleasant flavor, good keeper, out-sells every other variety, and is undoubtedly the best white variety. Per pkt. 5c, oz. 20c, ¼ lb. 65c, ½ lb. \$2.00.

SOUTHPORT 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 pkt. 5c, oz. 10c, ¼ lb. 30c, ½ lb. \$1.00.

EXTRA EARLY BARLETTA.—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 to the directly to the bulbs, leaving the neatest and handsomest little bulbs imaginable. They are of pure, paper white color; very mild and delicate in flavor; one inch to one and a half in diameter, and three-fourths of an inch in thickness. Both for table use and for pickling it is most valuable. Per pkt. 5c, oz. 15c, ¼ lb. 50c, ½ lb. \$1.50.

WHITE PORTUGAL, or Silver Skin.—Matures early, very mild flavor, medium size, and generally preferred for table use; not a good keeper. Pkt. 5c, oz. 20c, ¼ lb. 65c, ½ lb. \$2.00, ¼ lb. 30c, ½ lb. \$1.00.

EXTRA EARLY RED.—Quite popular for early marketing. Per pkt. 5c, oz. 10c, ¼ lb. 30c, ½ lb. \$1.00.

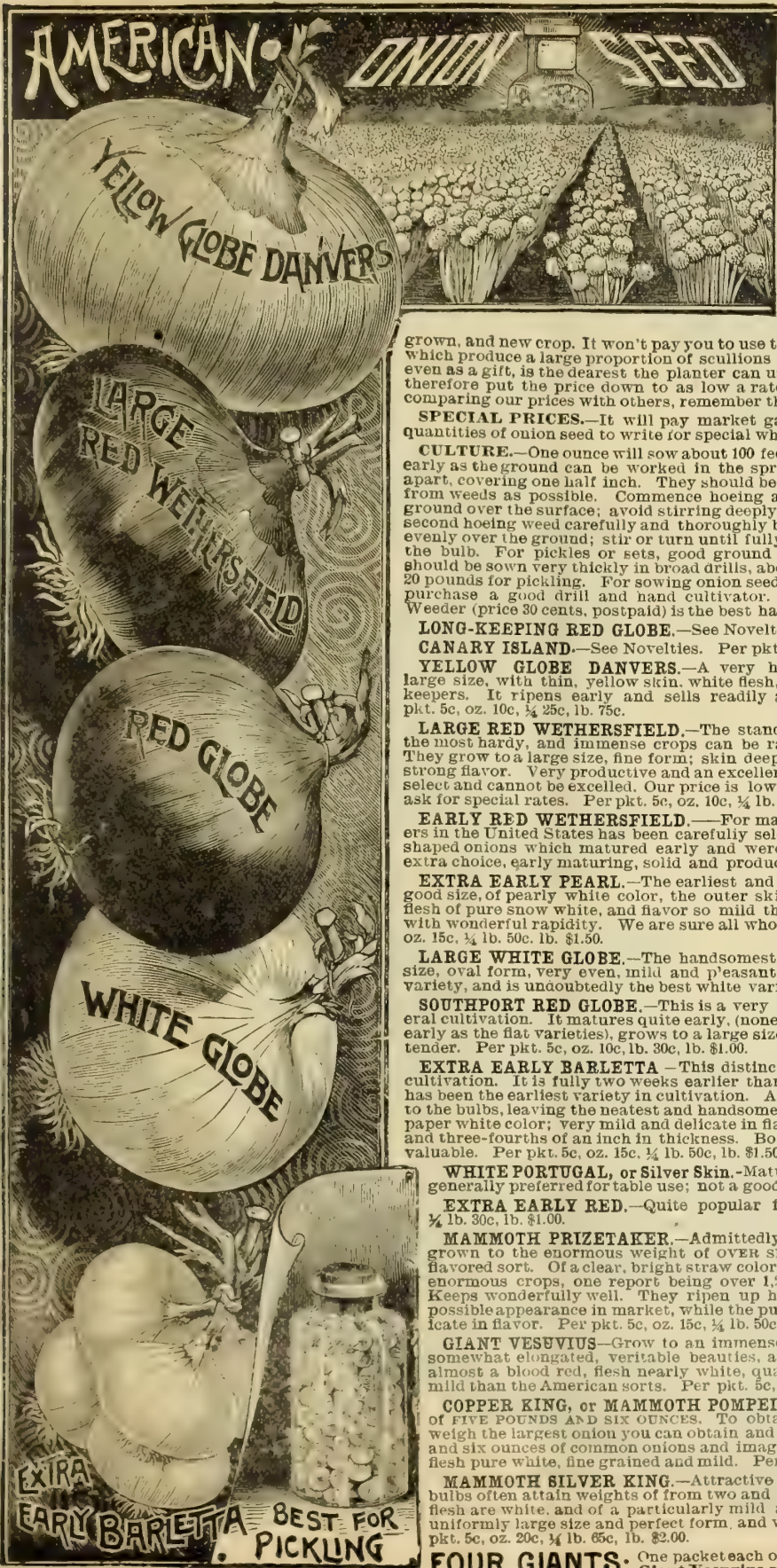
MAMMOTH PRIZETAKER.—Admittedly the largest of all varieties, having been grown to the enormous weight of OVER SIX POUNDS, and is withal a handsome, fine-flavored sort. Of a clear, bright straw color and uniform perfect globe shape. Produces enormous crops, one report being over 1,200 bushels, and they bring an extra price. Keeps wonderfully well. They ripen up hard and fine, and present the handsomest possible appearance in market, while the pure, white flesh is fine grained, mild, and delicate in flavor. Per pkt. 5c, oz. 15c, ¼ lb. 50c, ½ lb. \$1.75.

GIANT VESUVIUS.—Grow to an immense size. They are of handsome globe shape, somewhat elongated, veritable beauties, and will attract attention anywhere. Color almost a blood red, flesh nearly white, quality most excellent. Much more tender and mild than the American sorts. Per pkt. 5c, oz. 20c, ¼ lb. 65c, ½ lb. \$2.00.

COPPER KING, or MAMMOTH POMPEII.—Have been grown to the enormous weight of FIVE POUNDS AND SIX OUNCES. To obtain an idea of how large this really is, just weigh the largest onion you can obtain and compare weights, or weigh out five pounds and six ounces of common onions and imagine them all in one. Beautiful copper color; flesh pure white, fine grained and mild. Per. pkt. 5c, oz. 15c, ¼ lb. 50c, ½ lb. \$1.50.

MAMMOTH SILVER KING.—Attractive form, flattened, but thick through. Single bulbs often attain weights of from two and one-half to four pounds each. The skin and flesh are white, and of a particularly mild and pleasant flavor. Matures early and is of uniformly large size and perfect form, and will bring a large price in the market. Per pkt. 5c, oz. 20c, ¼ lb. 65c, ½ lb. \$2.00.

FOUR GIANTS: One packet each of The Mammoth Prizetaker, Copper King, Giant Vesuvius and Silver King for only 15 cents. Try them.



PEAS.

One quart will plant about one hundred feet of drill.

Peas mature quickest in light, dry soil, not to rich. May be sown as early as the ground can be worked, and for a succession, every two weeks up to July, or what is better, select several kinds which will form a succession in maturing. Sow in drills two to four feet apart, according to varieties, not less than four inches deep for general crop, although the first earlies will come to maturity sooner if only covered one and one-half to two inches. Wrinkled sorts are marked *. They should be sown thicker in the row than the smooth varieties, as they are more liable to rot.

Prices include postage. Pints at one-half the quart rates. 15c per quart discount if sent by express. See special prices by the peck or bushel on page 35.

MAMMOTH LUSCIOUS SUGAR.—See Novelties. Pkt, 10c. ½ pt. 20c, qt. 65c.

***NOTT'S EXCELSIOR.**—A superb new variety, and we are sure our customers will welcome it as an ideal family and market pea. It is fully as sweet and delicious as the American Wonder, and grows one-half taller. Pods are larger and it is far more productive than the Premium Gem, and it is within a day or two as early as the first early smooth peas. Mr. George Buchanan writes: "I found these peas a very distinct, pure sort, with many marked excellencies over the American Wonder, Premium Gem, Advancer, etc. The peas were ready for table use within forty-three days from planting. Quality very superior." Per pkt. 5c, ½ pt. 15c, qt. 50c.

CLEVELAND'S ALASKA.—Height two feet, pods rather small, dark green color, well filled; the earliest pea known, being two days earlier than the Rural New Yorker, and ninety per cent of the pods can be gathered at the first picking. Per pkt. 5c, ½ pt. 12c, qt. 40c.

***THE STANLEY.**—This very handsome new variety is a grand medium early wrinkled pea, with well filled pods, larger than the Stratagem, a tremendous cropper, with dwarf, stocky vine, which needs no bushing. It is very sweet and of delicious flavor; full grown pods often measure four inches in length by over two inches in circumference and mature very uniformly, so that nearly the entire crop can be taken at one picking. All should try it. Per pkt. 10c, ½ pt. 20c, qt. 65c.

***CHAMPION OF ENGLAND.**—One of the richest and best flavored peas grown. Per pkt. 5c, ½ pt. 10c, qt. 35c.

***TELEPHONE.**—Immensely productive, of the finest quality and excellent sugary flavor; vines very strong, the pods are of large size, with six or seven large, delicious peas; height four feet. Per pkt. 5c, ½ pt. 15c, qt. 50c.

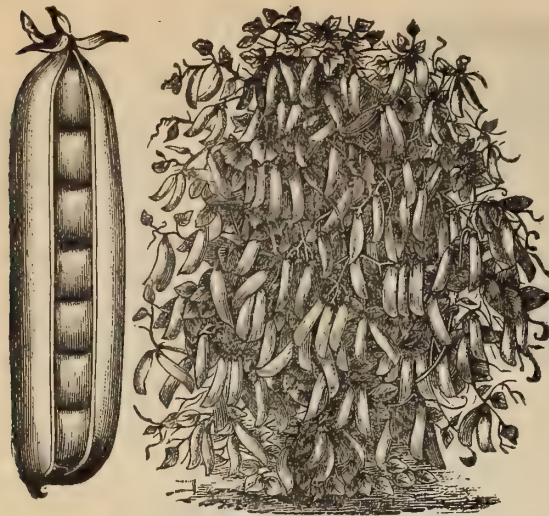
***BLISS ABUNDANCE.**—Height 20 inches; time of ripening, medium, remarkably strong, vigorous, branching habit, and unusually productive; pods of fair size, and well filled with peas of good quality. Pkt. 5c, ½ pt. 15c, qt. 45c.

***BLISS EVERBEARING.**—Height two feet; late to very late; hardy, vigorous, enormous cropper, pods and peas of large size and good quality. Per pkt. 5c, ½ pt. 15c, qt. 50c.

***STRATAGEM.**—Decidedly the best late variety for family or market use. Pods long and filled with seven to nine large peas of extra fine quality. Per pkt. 5c, ½ pt. 15c, qt. 50c.

FIELD PEAS.—See list of Miscellaneous Field Seeds.

***JUNO.**—We have no hesitation in saying that it is by far the best wrinkled pea of its class to-day. It has very robust vines, stout, straight pods, and usually borne in pairs. The pods are very thick, broad-backed all the way up and filled from the stem to the tip with seven to nine sweet, delicious, dark green peas of immense size. Its height is two feet, and its season from medium early to main crop. Destined to become a standard variety. Per pkt. 5c, ½ pt. 15c, qt. 50c.



NOTT'S EXCELSIOR.

IOWA CHALLENGE.—An extra early variety of superior merit which is a favorite with Des Moines market gardeners. We can in all confidence say that after a trial of nearly all extra early varieties offered to the trade we have not found one possessing more merit, hence its name. For the market gardener it has no superior. It is not only extremely early and prolific, but it is of good flavor. All the good qualities of the Extra Early are most nearly brought to perfection in the Challenge. Vines 18 inches. Pkt. 5c, ½ pt. 12c, qt. 40c.

BERGEN FLEETWING.—We are glad to introduce this grand new variety to our customers. It is one of the earliest in existence. Matures about the same time as Alaska, is of the same height but stands up better. It is very prolific, even in ripening, about ninety per cent can be taken at the first picking. Pods of good size, containing seven to nine peas each. A good sort for market gardeners. Per pkt. 5c, ½ pt. 15c, qt. 50c.

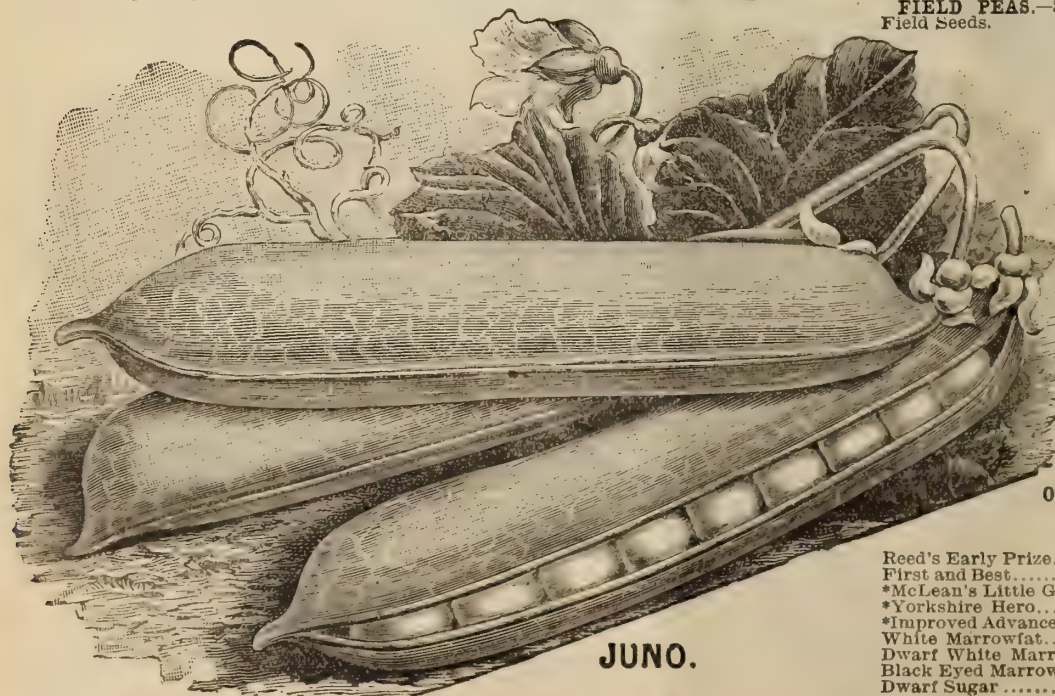
***PREMIUM GEM.**—Height one foot; early and prolific; a type of and an improvement on, the McLean's Little Gem. Pods long and of a dark green color. The most popular sort for family use. Per pkt. 5c, ½ pt. 12c, qt. 35c.

***BLISS' AMERICAN WONDER.**—Early and prolific dwarf wrinkled pea. On good soil each vine will average twelve pods and each pod six peas. The vines grow from eight to ten inches high. Per pkt. 5c, ½ pt. 15c, qt. 50c.

RURAL NEW YORKER.—Very early and of most even growth and maturity; 80 to 90 per cent of the pods can be removed at one picking. Per pkt. 5c, ½ pt. 12c, qt. 40c.



IOWA CHALLENGE.



JUNO.

OTHER STANDARD VARIETIES.

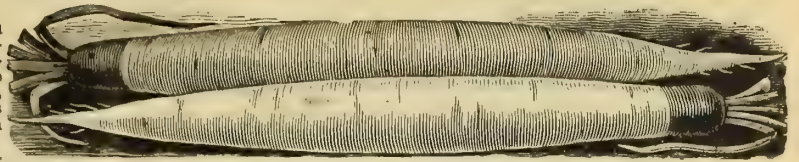
	PER PKT.	½ PT.	QT.
Reed's Early Prize.....	.05	\$.15	\$.50
First and Best.....	.05	.12	.40
*McLean's Little Gem.....	.05	.12	.35
*Yorkshire Hero.....	.05	.12	.40
*Improved Advancer.....	.05	.15	.45
White Marrowfat.....	.05	.10	.30
Dwarf White Marrow.....	.05	.12	.35
Black Eyed Marrow.....	.05	.10	.30
Dwarf Sugar.....	.05	.15	.50

SALSIFY—or Vegetable Oyster.

One ounce will sow about fifty feet of drill.

Why don't you grow salsify? We are certain if you grew it one year you would never be without it. Salsify is one of the most delicious and nutritious of vegetables, and should be more generally cultivated for use in winter, when the supply of really good vegetables, is so limited. It has the true oyster flavor, and makes a delicious and inexpensive substitute for them in soup, etc. Cultivate like parsnips.

MAMMOTH SANDWICH ISLAND.—Averages fully double the size of the Long White. The roots, notwithstanding their enormous size, are of very superior quality, and delicious in flavor. Pkt. 5c, oz. 15c, ¼ lb. 50c, lb. \$1.50.



MAMMOTH SANDWICH ISLAND SALSIFY.

WISCONSIN GOLDEN.—See Novelties. Per pkt. 10c.

PARSLEY.

One ounce will sow 150 feet of drill.

Sow in March, thinly in drills one foot apart, half and inch deep. Soak seed in warm water a few hours before sowing. For winter use protect in a glass frame or light cellar.



MARKET GARDENER'S PARSLEY.

It retains its dark green color very late in the fall, and continues to produce well throughout the winter when transferred to the greenhouse. Is really improved by severe cutting. It stands heat, drouth and cold better, and will yield more than other sorts either in open ground or frames. Per pkt. 5c, oz. 15c, ¼ lb. 50c.

CHAMPION MOSS CURLED.—A very select stock, beautifully crimped and curled. Quite decorative for garnishing. Per pkt. 5c, oz. 10c, ¼ lb. 30c.

FERN LEAVED.—Exquisite in form, and admirably suited for table decoration. Excellent quality. Per pkt. 5c, oz. 10c, ¼ lb. 35c.

MARKET GARDENER'S.—An extra choice stock with dark green, beautifully curled, mossy leaves; very ornamental in growth and very productive. Most valuable for either garnishing or flavoring. The leaves can be gathered earlier than other varieties, and what is more important,

CHUFAS, or Earth Almond.

In sweetness and flavor they resemble the cocanut or almond, and are considered very nice, put on the table in a fruit dish with candies, as an after-dinner relish. Very prolific, a single one yielding from two to four hundred. The nuts grow underground, very near the surface, easily reached by pigs or poultry, and destroyed by them if they have free access. Plant in April, ten inches apart in two and one-half foot rows. Cover them lightly. If the seed is very dry, soak well before planting. Our illustration represents the manner of their growth, and they vary from the size of a large pea to that of a hazelnut. It pleases the children. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.



TRY THE COLLECTION OF

...MAMMOTH PUMPKINS...

One packet each, Mammoth Chili, King of Mammoths, Mammoth Tours, and Mammoth Etampes FOR ONLY FIFTEEN CENTS.

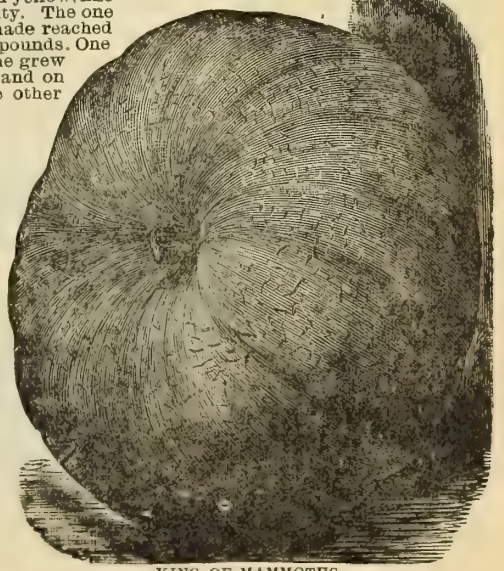
PUMPKINS.

One pound will plant about 250 hills.

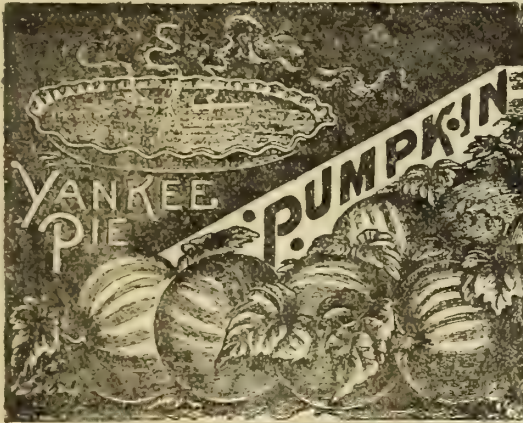
Plant in hills eight feet apart in May, among potatoes, or corn, or in open field.

MAMMOTH CHILI.—Really a squash, but it looks more like a pumpkin, and we list it here so as to have the mammoth pumpkins together. This is the largest of the squash family and attains the most astonishing weights. One specimen weighing 481 pounds was shown at the World's Fair having been grown in California, and from 100 to 200 pounds is a common weight with ordinary culture. Our seed has been selected from large and perfect specimens only, of our own growing. The flesh is a rich yellow, very thick and of excellent quality, highly nutritious. They are profitable to grow for stock feeding. They keep well throughout the winter. Per pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.00.

KING OF MAMMOTHS.—The largest variety of true pumpkins. The flesh and skin are of a bright golden yellow, fine grained and of good quality. The one from which our cut was made reached the enormous weight of 245 pounds. One customer writes us that he grew one weighing 158 pounds, and on the same vine had five other pumpkins from 90 to 104 pound each in weight—over 640 pounds grown from one seed. Farmers



KING OF MAMMOTHS.



and gardeners, just think of that kind of a crop. Will it not pay you to grow the King of Mammoths and exhibit them at your county fair? Our seed was saved from large select specimens of our own growing. Per pkt. 5c, oz. 15c, ¼ lb. 50c, lb. \$1.50.

MAMMOTH TOURS.—Also called Mammoth Whale. Originated near Tours, France, where it is largely grown, both for feeding cattle and for table use. Grows to an immense size, sometimes three feet in length and to a weight of 100 to 200 pounds. Flesh of a salmon color. Seed of a peculiar shape. Per pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.25.

MAMMOTH ETAMPES.—A giant variety from France, where it is quite celebrated. Bright, glossy red color; a splendid variety for exhibition. Pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.25.

CALHOUN.—A great improvement on the Large Cheese pumpkin. Color creamy brown, flesh deep salmon yellow, wonderfully thick and fine grained, while the seed cavity is very small. Rind thin. When cooked it is very yellow and makes pies of a rich color, sweet and of the finest quality. Has recently been renamed by one dealer the "New Thanksgiving Pumpkin." Per pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.00.

WHITE CUSTAW PIE, or JONATHAN.—Attractive and sells better than the old green striped sort. It is a large bottle-shaped variety. Pkt 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

YANKEE PIE.—This is the noted New England Pie or Small Sugar pumpkin. Same shape and color as the Connecticut Field, but smaller and very sweet. Fine grained, and one of the best varieties for table use. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

JAPANESE PIE.—Flesh very thick and of rich salmon color, nearly solid. Dry and sweet, making pies as rich without eggs as others do with. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

CONNECTICUT FIELD.—The common field or cow pumpkin. Per oz. 5c, ¼ lb. 10c, lb. by mail 35c. By express or freight, 10 lbs. \$1.75, 25 lbs. \$3.00.

LARGE CHEESE.—A flat variety commonly called Sweet pumpkin throughout the west. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

TENNESSEE SWEET POTATO.—Medium size, flesh thick, creamy white, fine grained, excellent flavor. Per pkt. 5c, oz. 10c, ¼ lb 25c, lb. 75c.

RADISH.

One ounce will sow about 100 feet of drill; eight to ten pound will sow an acre in drills.

Radish seed should be sown in light, rich soil as early as the ground can be worked, and for a succession, at intervals of two weeks until mid-summer. Radishes must be grown quickly and have plenty of room, or they will invariably be tough and pithy. Sow in drills one foot apart and thin to two or three inches apart as soon as the rough leaves appear. Most of our radish seed was grown for us in France, "the natural home of radishes" and we think it cannot be surpassed.

NEW ROSE TURNIP.—See Novelties. Per pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.25.

ROUND SCARLET CHINA.—See Novelties. Pkt. 10c, oz. 20c.

VICK'S EARLY SCARLET GLOBE.—A most excellent early radish for garden culture, and for hotbed forcing there is no variety so desirable as the Early Scarlet Globe. It is the earliest; its color is the handsomest; in flavor it is the mildest, most crisp, juicy and tender. It is the market gardener's favorite as a forcing radish. It forms small top, and will stand a great amount of heat without becoming pithy. Its fine shape, well illustrated by the accompanying engraving, makes it sell for a higher price and more rapidly than any other shaped sort. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 65c.

NON PLUS ULTRA.—An improvement on the Deep Scarlet Turnip. Remarkably fine in quality and of very quick growth, and ready to pull within twenty days after sowing. Perfectly globular little roots, of very bright color and excellent shape; certain to insure ready sale on the market. It is by far the best strain of early radishes for forcing. Beds are planted, the crop matured and sold, and the same bed



IMPROVED CHARTIER.

made ready for a second planting all in thirty days. Per pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

IMPROVED CHARTIER.—Decidedly distinct in appearance from any radish in cultivation. Its form is well defined by our engraving, the color at the top being crimson, running into pink about the middle, and from thence downward is a pure, waxy white. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

WHITE STRASBURG.—Of handsome, oblong, tapering shape; both skin and flesh are of pure white. The flesh is firm, brittle and tender, and possesses the most desirable character of retaining the crispness even when old and large. It is excellent for summer use, as it withstands severe heat and grows very quickly. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

I. S. CO'S PERPETUAL WHITE SUMMER.—This variety, introduced by us, has given splendid satisfaction to all who tried it. Their shape is well illustrated by the accompanying engraving. They are pure white of uniform good quality, crisp and brittle, and they keep longer in a fit condition for the table than any variety we know of, hence their name, Perpetual White Summer. Can be sown any time of the year and will always produce good radishes fit for market earlier than the Chartier, and keep in perfect shape for marketing about four weeks, or longer for home use. Per pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.00.

MIXED RADISHES.—This is a mixture of over twenty choice varieties of early, medium and late radishes. This will give you radishes all summer and you will be surprised at the results. Per pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.



VICK'S EARLY SCARLET GLOBE.

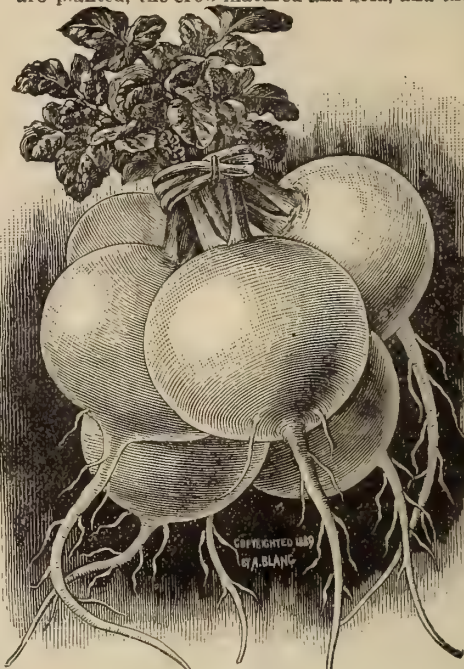
ROSY GEM.—An improvement on the Scarlet Turnip White Tip. Their shape is perfectly globular, with rich, deep scarlet top, blending into pure white at the bottom, exceedingly tender, crisp and delicious, equally desirable for either the market or home garden. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 65c.

MODEL WHITE BOX.—A great improvement on the Philadelphia White Box, which has been popular for several years. It is of most handsome shape, very early and has but few leaves, thus making it of special value for growing in hotbeds or "boxes" and one-third more radishes can be grown in the same space than with most other sorts. It is of clear white color, solid, juicy, and unsurpassed in flavor. Per pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

GOLDEN DRESDEN.—All who saw this charming variety at our trial grounds were most favorably impressed with it. It was a little beauty, with golden brown skin, white flesh, crisp, juicy, and of finest flavor. One of the quickest growing sorts, and tops are so small as to admit of close planting. No matter whether grown in the garden or in hotbeds, you can depend on a remarkably perfect, early and uniform crop. Per pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

WHITE LADY FINGER.—An improvement on the White Naples, or Vienna. A large, white, crisp variety, about as long as Long Scarlet and similar in shape. A very desirable sort. Per pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

CHINA ROSE WINTER.—One of the best winter varieties, bright rose colored, flesh white, firm and of superior quality. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.



MODEL WHITE BOX.

OTHER STANDARD VARIETIES.

ALL FIVE CENTS PER PACKET.	OZ.	¼ LB.	LB.
French Breakfast.....	\$.10	\$.20	\$.50
Wood's Early Frame.....	.15	.30	.50
Long Scarlet, Short Top.....	.10	.20	.50
Early Scarlet Turnip.....	.10	.20	.50
Golden Globe Summer.....	.10	.25	.75
All Seasons.....	.10	.30	1.00
Giant White Stuttgart.....	.10	.25	.75
Long Black Spanish (winter).....	.10	.20	.60
Cal. Mammoth White Winter.....	.10	.25	.75

ODDS AND ENDS.

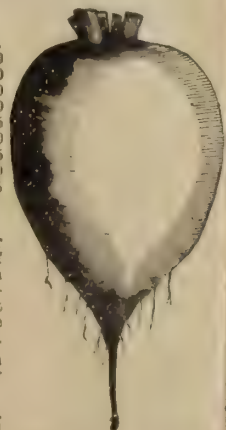
CHINESE TEA.—We are sure that many of our customers will be glad to grow this as a curiosity, if nothing else. The plant is of a shrubby nature, with beautiful shiny foliage and fragrant blossoms, requiring the same treatment as any tender shrub. It is hardy in any of the southern states, and in the north can be kept in pots through the winter. Pkt. 10c.

ALPINE STRAWBERRIES.—Have a peculiar rich flavor, superior to our native sorts. Perfectly hardy and easily grown from seed. Pkt. 10c.

COTTON.—Grown as a curiosity in the north, and if started early in the house, plants will be loaded with cotton bolls in autumn. Pkt. 5c.



NEW GOLDEN DRESDEN.



PERP. WHITE SUMMER.

THE FAXON SQUASH



COPYRIGHT, 1893, BY M.B. FAXON CO.

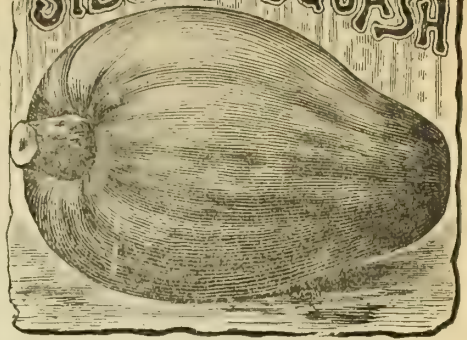
SQUASH.

One ounce early varieties will plant about forty hills; one ounce late will plant twenty hills; 4 to 6 lbs. to the acre.

Plant about the middle of spring in hills, the early sorts four to six feet apart, the late varieties eight to twelve. Thin to three plants in each hill. The soil cannot be too rich.

FAXON.—The flesh is a deep orange yellow, cavity very small and seeds few; the special peculiarity, however, is that while uncooked it appears to have a shell like any squash, but when cooked there is practically none, the shell, or inedible part, being only about as thick as a sheet of writing paper. One of the best squashes we have ever tasted, sweet and very dry. It matures early, and can be used as a summer squash. It is a very late keeper, keeping in perfect condition until April or May. Of superior quality whether it is ripe or green. The vines are somewhat longer

SIBLEY SQUASH



than most other sorts and fruit varies in color, but these seem to be its only defects. Per pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.00.

GOLDEN BUSH.—It is thicker, larger, and superior in every way to the old varieties. Very early. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

HUBBARD.—This old variety has for years stood the test of all rivals, and is the most popular winter squash grown; hard, green shell; flesh bright orange yellow, fine grained, very dry, sweet and of a rich flavor; keeps in perfect condition throughout the winter. Seed is of our own growing and extra select. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

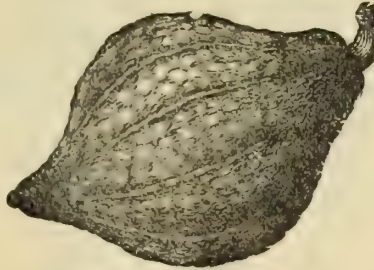
SIBLEY, or PIKE'S PEAK.—Originated in Iowa. Claimed to be a great improvement on the Hubbard. The shell is pale green in color, very hard and flinty, but at the same time so very thin and smooth as to occasion the least possible waste in baking. The flesh is solid and thick and a brilliant orange yellow color, dry, and has a rich, delicate flavor peculiarly its own; more productive and a better keeper than either the Hubbard or Marblehead, and we prefer it for our own table use. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

WHITE BUSH SCOLLOPED.—Similar to the Golden Bush. Color creamy white. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

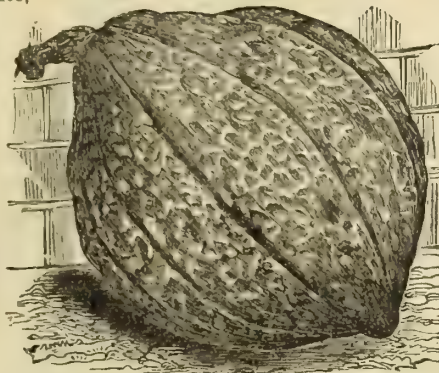
BOSTON MARROW.—Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

ESSEX HYBRID.—A most excellent variety. It is the earliest of the winter sorts, and can therefore be planted later in the season than most others. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

MEXICAN BANANA.—Originated by crossing imported varieties. It is sweet, rich, finest grained meat, good keeper, and the heaviest for the size of any ever grown. The size is from two to three feet long, and it weighs from thirty to fifty pounds. Dark green color, magnificent bearers, for fall and winter use. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.



HUBBARD.



EARLY PROLIFIC MARROW.

EARLY BUSH CROCKNECK.—Splendid summer sort, early, productive, very fine quality. With all the new varieties recently brought out, many claim that there is no summer squash superior to this. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

FORDHOOK.—Extremely handsome; of a bright yellow outside and straw yellow within. The flesh is dry and of the best quality. The stem is thin and hard, and also the roots, consequently it is free from the attacks of the squash borer. Matures early and is a sure cropper and productive. The green squashes can be used at any stage of their growth. Per pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

WHITE CHESTNUT.—The outside skin is creamy white while the flesh is lemon yellow, fine grained, sweet, most excellent in quality, suggesting the flavor of a boiled chestnut. Size and form much like the Hubbard. Per pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

EARLY PROLIFIC MARROW.—Very early and productive—the two most important features for the market gardener—while its attractive color—brilliant orange red—good cooking and keeping qualities make it popular with the consumer. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

DELICATA.—See Novelties. Per pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.00.

WARTY HUBBARD.—See Novelties. Per pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.00.

MAMMOTH CHILI.—This is certainly the largest variety of squash (or pumpkin, as some call it) grown. See more full description with pumpkins. Per pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.

AMERICAN TURBAN.—It is fine grained, very dry, sweet, and of delicious flavor. For fall and winter use. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

MARBLEHEAD.—A splendid winter variety, shell very hard, of a light blue color; flesh equal to the Hubbard in quality. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

ENGLISH VEGETABLE MARROW.—A favorite English sort. The fruit is variable in size, from nine to eighteen inches in length. Skin a greenish yellow, flesh white, soft and of rich flavor. Plant eight feet apart. Per pkt. 5c, oz. 15c, ¼ lb. 50c, lb. \$1.50.

SPINACH.

One ounce will sow about 60 feet of drill; ten pounds to an acre.

This makes the finest "greens" of any plant in cultivation. For summer, sow early in spring in deep, rich soil in drills one foot apart, cover one inch. Sow at intervals of two weeks throughout the season. For very early spring use, sow the winter varieties first of September, and protect by covering with straw.

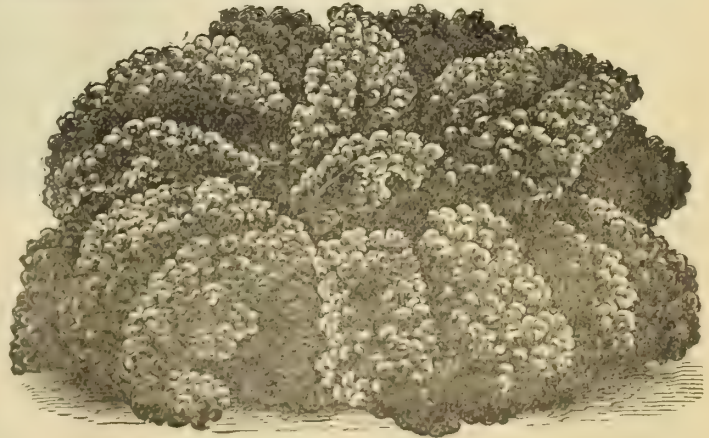
NEW ZEALAND.—See Novelties. Per pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.00.

NEW VICTORIA.—This new variety is distinguished for its exceedingly dark black-green color, and also for its very long standing qualities, being from two to three weeks later than the ordinary Longstanding. The leaves are thick and spread out flat upon the ground. It is excellent for spring sowing, but not sufficiently hardy to stand the winter in this locality. It outyields every other variety, and stands longer before going to seed than other sorts. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

LONG STANDING.—A standard with gardeners; leaves thick, fleshy and crumpled. Slow in running to seed, hence its great value for spring sowing. The leaves are round, large, unusually thick, deeply curled, and of a fine dark-green color. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 40c. By express 5 lbs. \$1.00.

PRICKLEY or WINTER.—Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

VIROFLAY or SAVOY LEAVED.—Grows to an enormous size and produces wonderful crops. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 40c.



LONG STANDING SPINACH.

THE EARLIEST TOMATO IN THE WORLD



EARLY MINNESOTA.

CRIMSON CURRBANT.—See Novelties. Per pkt. 10c, oz. 40c.

YELLOW PEAR.—See Novelties. Per pkt. 5c, oz. 30, ¼ lb. 75c.

NEW ITALIAN MIXED.—See Novelties. Per pkt. 10c, oz. 35c.

DWARF ARISTOCRAT.—This new dwarf variety resembles very much the Dwarf Champion in every respect except in color of the fruit, which with the Aristocrat is a beautiful rich glossy red, so much admired in some markets and preferred to the flesh or rose-colored sorts. In size, productiveness, smoothness, flavor, etc., it is fully up to our usual standard of perfection. It is especially desirable for greenhouse or forcing under glass, and for first crop outside. It requires little space, as it has been grown successfully when planted 3x3 feet apart. This feature makes it very desirable for the small family garden where every foot of ground is to be utilized. Its beautiful glossy fruit is very attractive. Per pkt. 5c, oz. 25c, ¼ lb. 80c.

MATCHLESS.—Well worthy of its name for in beauty of coloring and symmetry of form it is indeed without a peer. The vines are of strong, vigorous growth, well set with fruit. They are entirely free from core, of a very rich cardinal red color, and not liable to crack from wet weather, of largest size, and the size of the fruit is maintained throughout the season, the healthy growth of the foliage continuing until killed by frost. Had we to confine ourselves to one variety it would be the Matchless, for certainly no other tomato will produce extra large fruits so smooth, handsome and marketable as the Matchless. The skin is remarkably tough and solid, and ripe specimens picked from the vine will keep in marketable condition for two weeks. Solid, of fine quality and a long keeper. Pkt. 5c, oz. 20c, ¼ lb. 70c.

LEMON BLUSH.—It was with little confidence that we gave this variety a place in our trial grounds, but we admit that we were greatly and agreeably surprised, and our farm superintendent pronounces it the nearest approach to a perfect tomato that has been produced up to this time. The skin and flesh are a bright lemon yellow, with a faint rose blush or light crimson tint diffused over part of the surface opposite the stem. The plant is a vigorous grower, ripening its fruit abundantly in mid-season. It may never become a popular market sort, but anyone desiring a choice table variety for home consumption should not fail to have it. Per pkt. 10c, oz. 40c.

AN INVITATION.

We want our customers in other towns to consider this a personal invitation to call at our store whenever they are in this city, and if they will make themselves known we will take pleasure in showing them around. The store is conveniently situated near the business center of the city. Our popularity with the home trade is evidenced by the fact that notwithstanding there are three other so-called seed stores in the city, we supply about four-fifths of the local customers, including the farmers and market gardeners.

THINK! On our Spring Opening Day last April about 5,000 persons visited us, and our store is thronged with customers every day during the spring. There is a good reason for our popularity.

TOMATO.

One ounce will produce about 2,500 plants

Sow early in hotbeds or seed boxes and when plants have four leaves transplant to four or five inches apart. Give plenty of air and endeavor to secure a vigorous growth. When all danger of frost is past transplant to the open ground, four to six feet apart each way. Well manured, light sandy soil is best, but it must be remembered that a surplus of manure stimulates leaf growth to the detriment of fruit.

BOND'S EARLY MINNESOTA.—This handsome new variety which we now offer to our customers is, we verily believe, the earliest in existence. It originated in Minnesota but has been thoroughly tested elsewhere for several years with surprising results. Vines vigorous with rather small leaf. When quite small begin producing fruits which are of fair size, of good shape, smooth, dark red color. They ripen evenly, remain solid a long time and never crack. Thos. H. Brinton, who grows about 100 varieties of tomatoes, has originated several of our best sorts, and who may be called the best posted man on tomatoes in the United States, writes us: "Bond's Early Minnesota is the best early tomato I have ever tried." Per pkt. 5c, oz. 25c, ¼ lb. 75c, lb. \$2.50.

CRIMSON CUSHION.—Very large, about double the size of the Matchless, but rough like all other large sorts. The peculiarity about it is its unusual solidity, more so than any other sort we know of. Seeds are few and near the outside, leaving the center solid pulp, which ripens evenly throughout before the outside appears ripe. It is an elegant sort for slicing or putting up. Flavor excellent. Our seed was saved from select specimens grown on our own place. Pkt. 10c.

DWARF CHAMPION.—Its habit of growth is peculiar, for not only is it dwarf and compact, but the stem being thick, stiff and short jointed, it is actually self-supporting when laden with fruit. In productiveness it is unsurpassed. It is also very early. The fruit is of a purplish pink color, always smooth and symmetrical, and the flesh solid and of fine quality. Can almost be called a tree tomato. The best variety to grow for plants for sale as they are so stocky. Per pkt. 5c, oz. 20c, ¼ lb. 60c.

ATLANTIC PRIZE.—Very popular with some market gardeners on account of its extreme earliness. Some of our Des Moines market gardeners say this is the only variety they have ever grown which produced a good crop from the first set of blooms on plants, thereby netting them high prices. Per pkt. 5c, oz. 25c, ¼ lb. 75c.

PICTURE ROCK.—Our tests have again proved this to be one of the best varieties on the list. They are of good size, in fact rather large and run so even and perfect in form, after the first few fruits, that they have the appearance of having all been made in one mould. They are smooth, of bright scarlet color, solid and of excellent quality. Per pkt. 5c, oz. 25c, ¼ lb. 75c.

LIVINGSTON'S BEAUTY.—Originated with Mr. A. W. Livingston, of Franklin county, Ohio, and is one of the best ever introduced. Its beauty, size, shape, color, flavor, durability, and productiveness make it desirable to all classes of tomato growers, being of a very glossy crimson with a slight tinge of purple. Per pkt. 5c, oz. 15c, ¼ lb. 50c.

STRAWBERRY.—See Ground Cherry, page 24. Pkt. 5c.

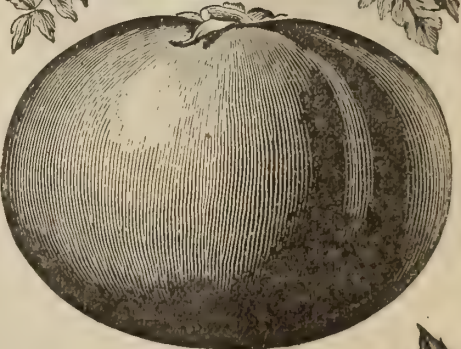
PURPLE HUSK.—See description on page 24. Pkt. 10c.

Other Leading Varieties.

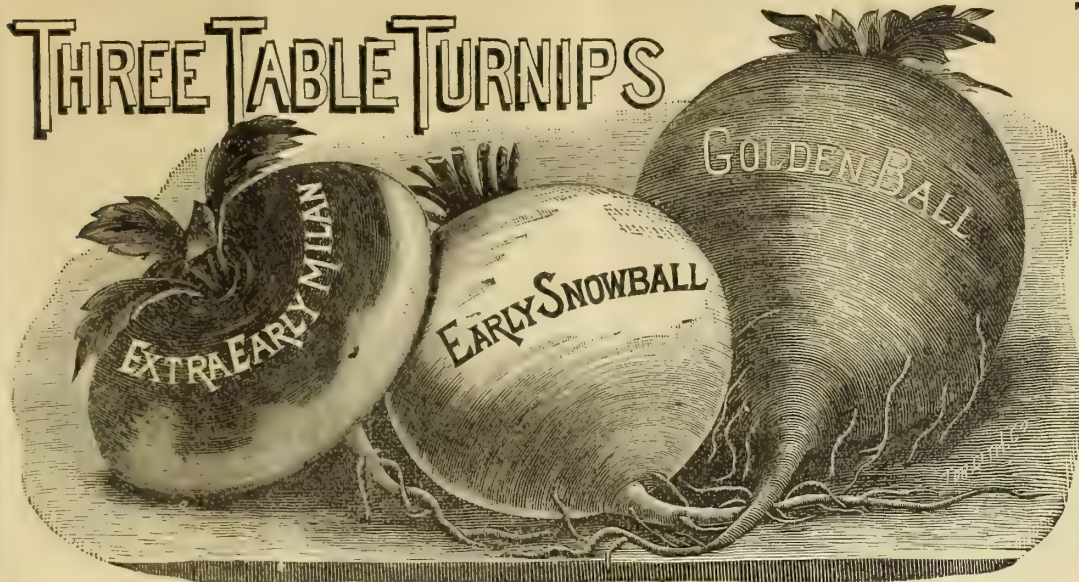
All 5 cents per packet.

	oz.	¼ LB.	LB.
Trophy .....	.15	\$.50	\$1.50
Acme .....	.15	.50	1.50
Perfection .....	.15	.50	1.50
Favorite .....	.10	.35	1.20
Ponderosa .....	.25	.85	3.00
Peach .....	.25	.75	2.50
Turner's Hybrid (Mikado) ..	.15	.50	1.50
Ignotum .....	.15	.50	1.50
Golden Queen .....	.20	.65	2.00
Yellow Plum .....	.25	.75	2.25
Red Cherry .....	.30	1.00	3.25

MIXED TOMATOES.—For the advantage of some of our customers who would like to try all kinds, we have prepared this mixture of varieties named above and several others. Per pkt. 5c, oz. 30c.



THREE TABLE TURNIPS



TURNIP.

e ounce will sow 150 feet of drill; two lbs. will sow one acre.

For early, sow in April in drills half an inch deep and 12 inches apart, thin to six inches apart in the drill. For main crop sow broadcast during July and August and just before or during a showery time if possible. The soil should be rich and mellow and kept free from weeds.

SCARLET KASH-MYR.—A handsome new variety which everyone should try. See description with novelties. Per pkt. 5c, oz. 15c, ¼ lb. 40c, lb. 81.25.

EXTRA EARLY PURPLE TOP MILAN.—One of the earliest sorts in cultivation. The bulb is very flat, of medium size, quite smooth, with a

GOLDEN BALL, or ORANGE JELLY.—A very beautiful and bright yellow turnip of medium size and of universally sweet and delicious flavor. It is hardy and one of the best of keepers. Flesh extremely firm and solid. Always brings a good price in the market. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

EARLY SNOWBALL.—A perfect globe-shaped, white-skinned turnip. It is exceedingly productive. The flesh is fine grained, firm, and of very delicate flavor. It is one of the best keeping of the white fleshed sorts. Very early, and particularly adapted for family or market use. Per pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

BREADSTONE.—While of the Ruta Baga type, they are of such extra fine quality they deserve to be classed with the best table turnips. The flesh is perfectly white, fine grained, and cooks in only fifteen minutes, very tender and sweet. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

bright purple top; leaves few, short, and of light color, growing very compact and making an exceedingly small, strap leaved top. Per pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 85c.

NIMBLE DICK.—It is extra early and produces, handsome, fair sized turnips in a very few weeks from time seed is planted. Color white, flesh crisp and of excellent flavor. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

PURPLE TOP STRAP-LEAVED.—The standard for this part of the country for late planting. Round, flat, good sized, small top with but few leaves; flavor good. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c, 5 lbs. or more, not prepaid, 35c per lb.

PURPLE TOP GLOBE.—Similar to above, except shape. This is the largest yielder of any turnip on the list, and very desirable for table use or stock. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 55c, 5 lbs or more, not prepaid, 40c per lb.

EARLY WHITE EGG.—Very early and particularly desirable for the table. Per pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

LARGE WHITE GLOBE.—Fine for field culture and very productive. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

YELLOW ABERDEEN.—Excellent for cattle feeding. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

MIXED TURNIPS.—All the table varieties of turnips mixed in equal proportion. A desirable mixture for family use. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 65c.

RUTA BAGA.

Sow not later than June, in drills two feet apart, and thin out to eight inches in the row.

MONARCH.—This grand, new and distinct form of the ruta baga, is, we believe, by far the best of all. The bulbs are of tankard shape, with very small neck, skin dark red above ground and yellow below, flesh rich yellow, fine grained and best quality. Only variety succeeding on our prairie soil. Per pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

IMPROVED AMERICAN.—Very solid, fine quality, valuable for the table and for feeding stock. Very hardy and productive, excellent shape, with small neck and smooth skin, keeps well. Our strain is choice. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

WHITE SWEET GERMAN.—Large size, oval form and very solid, flesh pure white and sweet. This is the best keeping variety. Per pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 65c.

CARTER'S IMPROVED HARDY SWEDE.—Large size, excellent quality, and an immense yielder. Per pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.



BEANS, CORN AND PEAS IN BULK.

These low prices are for purchasers of large lots, they to pay freight or express charges. One-half bushel will be sold at bushel rates and one-half peck at peck rates. Better write for special quotations if you desire a large lot.

BEANS.		SWEET CORN.		PEAS.	
PK.	BU.	PK.	BU.	PK.	BU.
Henderson's Bush Lima	\$1.50	Early Sunrise	\$1.00	Iowa Challenge	\$1.25
Burpee's Bush Lima	2.25	Extra Early Cory	.75	Bergen Fleetwing	1.50
Stringless Green Pod	3.00	Early Minnesota	.65	Cleveland's Alaska	1.25
Early Mohawk	1.00	Crosby's Early	.75	First and Best	1.00
Refugee, or Thousand to One	1.00	Perry's Hybrid	.75	Rural New Yorker	1.25
Improved Early Valentine	.90	Champion Early	.80	Reed's Early Prize	1.60
Large White Marrow	1.10	Shoe Peg	.90	Bliss' American Wonder	1.50
Wardwell's Kidney Wax	1.25	Egyptian	.75	Premium Gem	1.25
Improved Golden Wax	1.10	Stowell's Improved Evergreen	.50	Stanley	2.00
Black Wax	1.25	Zigzag Evergreen	.80	Scott's Excelsior	2.00
White Wax	1.25	Mammoth Sweet	.80	Juno	1.50
Yosemite Mammoth Wax	1.75	Black Mexican	1.00	Improved Advancer	1.25
Currie's Rust Proof Wax	1.10	Country Gentleman	.90	Yorikshire Hero	1.25
California Branch, or Prolific Tree	.75	Acme Evergreen	.90	Dwarf White Marrow	.75
Large Lima	1.50	Fodder Corn (sweet)	.50	Champion of England	.90
White Dutch Case Knife	1.50			Stratgen	1.65
King of the Garden Lima	1.75			Large White Marrow	.65
Cut Shorts	1.85			Black Eyed Marrow	.65
Lazy Wife's	2.00			Mammoth Luscious Sugar	1.85
					7.00

POP-CORN. (56 lb. bu.)

Page's New Striped Rice	1.25	4.50
Monarch White Rice	.90	3.00

VEGETABLE PLANTS.

Well grown and lightly packed to carry long distances. They can be shipped fresh, well packed at the beds, on a day's notice.

Plants quoted "by mail" are sent at our expense; "by express" at the purchaser's. By our system of packing they are sure to arrive in good condition when shipped to any part of the United States. No charge for either packing or boxes. Plants from hothed or cold frame are ready during April or May; outdoor grown during June and until the middle of July. We sell 500 at the 1,000 rate.

CABBAGE PLANTS.—Early Varieties.—Ready April 10th. Extra Early Express, Jersey Wakefield, All Seasons and Allhead. By mail, 100, 75c; by express, 100, 50c; 1,000, \$3.50.

CABBAGE PLANTS.—Late Varieties.—Ready June 1st. Surehead, Chase's Excelsior, Premium Flat Dutch, and Short Stem Drumhead. By mail, 100, 75c; by express, 100, 40c; 1,000, \$3.00.

CAULIFLOWER PLANTS.—Ready May 1st. Snowball and Erfurt. By mail, doz. 25c; 100, \$1.25; by express, 100, \$1.00; 1,000, \$7.00.

CELERY PLANTS.—Ready May 1st. Henderson's Half Dwarf, White Plume, Golden Self-Blanching, and Pink Aromatic. By mail, doz. 20c, 100, \$1.00; by express, 100, 60c; 1,000, \$4.00. After June 20, \$3.00 per 1,000.

EGG PLANTS.—Ready May 1st. New York Improved. By mail, doz. 25c; 100, \$1.25; by express, 100, \$1.00.

PEPPER PLANTS.—Ready May 1st.—Ruby King, Large Bell, and Red Chili. By mail, doz. 25c; 100, \$1.00; by express, 100, 75c.

TOMATO PLANTS.—Ready May 1st. Strong, transplanted plants, Dwarf Champion, Bond's Minnesota, Beauty and Matchless. By mail, doz. 25c; 100, \$1.00; by express, 100, 75c; 1,000, \$5.00. Not transplanted \$3.00 per 1,000.

SWEET POTATO PLANTS.—Ready May 1st. Plants strong, vigorous, well rooted and hardy. We can furnish either the Yellow Nansemond, or Early Yellow Jersey. Write if you want a large lot. Prices vary. By mail, 100, 50c; by express, 100, 25c; 1,000, \$2.00.

HORSE RADISH SETS.

Plant at any time during spring, in rows two feet apart and about eighteen inches apart in the rows. By mail, doz. 35c; by express, 100, 75c; 1,000, \$6.00.

ASPARAGUS ROOTS.

Ask for circular giving directions for planting, etc.

CONOVER'S COLOSSAL.—One-year old roots. 100, 50c; 1,000, \$3.50; Two-year old roots, 100, 65c; 1,000, \$4.50.

PALMETTO.—Two years old. 100, 75c; 1,000, \$5.00.

COLUMBIAN MAMMOTH WHITE.—Two years old. Postpaid per doz. 25c; by freight or express, per 100, \$1.00; per 1,000, \$7.00.

Above prices are by express. If to be mailed add 20c per 100 for one-year olds, and 40c per 100 for two-year olds.

RHUBARB ROOTS.

These may be planted early in spring or fall, setting the roots three feet apart each way. It requires but little labor to plant, and when once planted in good rich soil, it will remain in bearing condition many years. By express, each, 10c; doz. 75c; 100 \$4.00. By mail, each, 15c; doz. \$1.00.



GARLIC.

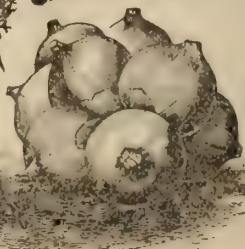
A species of onion propagated by offsets; used for flavoring soups, stews and other dishes. Divide a bulb into small parts, and plant them in early spring in rows one foot apart, and from two to five inches between the plants in the rows. The crop matures in August, when it is harvested like the onion.

GARLIC SETS.—Per pound, 40c, postpaid. By express, per lb. 30c.

BOTTOM ONION SETS



POTATO ONION SETS



PERENNIAL, or WINTER.—Also called Egyptian and Tree onions. May be set out in the spring, but are usually set in the fall. Come up year after year without the slightest winter protection, and produce the earliest spring onions. Per pt. 15c, qt. 25c, pk. 60c, bu. \$1.50.

RED CROSS PEANUTS.

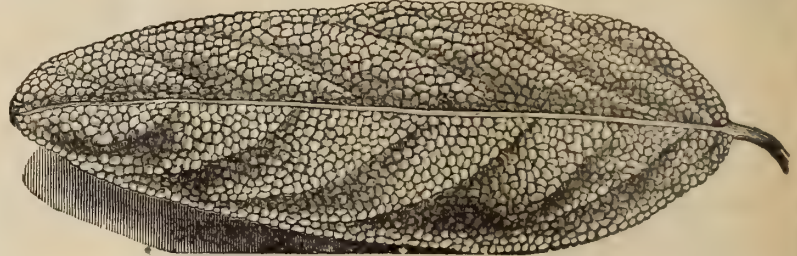
Peanuts can be grown in Iowa, and everyone should plant a few for themselves and children. This very desirable variety is as early as the earliest, the most hardy, very prolific and of the best quality. Boys, here is a chance for you. Think of growing peanuts in your own garden and having plenty of them to eat. Plant as soon as the ground becomes warm, from two to three feet apart each way, four or five to the hill, covering two or three inches. The soil should be deep and mellow and well broken up so as to be ready for planting soon after frost is over. April is a suitable time. They produce 25 to 70 bushels per acre, and are as easily cultivated as corn. Price per large package, 10c; lb. 40c, postpaid.



RED CROSS PEANUTS.

HOLT'S MAMMOTH SAGE.

After having grown and thoroughly tested this valuable variety for several years, we can recommend it most highly. The illustration



HOLT'S MAMMOTH SAGE.

shows a leaf of average size. The plants are very strong growing, the first season attaining one foot in height, and so spreading that a single plant covers a circular space 3 feet in diameter. The leaves are borne well above the soil, keeping them clean; very large and of unusual substance, strong in flavor, and of superior quality. A single plant of Holt's Mammoth will yield more than a dozen of the common sort. It is perfectly hardy, and attains still greater growth the second season. It never runs to seed. The past three years we have not been able to supply the demand but this year we grew a very large number and hope to have sufficient. Price: 3 plants for 25c, 7 for 50c, or 15 for \$1.00, postpaid.

CHIVES.

Perfectly hardy little perennial members of the onion tribe, and are grown entirely for their tops, which are used wherever the flavor of onion is required. Planted in small clumps in any common garden soil, they grow readily. The tops appear very early in the spring, and can be shorn throughout the season. Roots, per bunch, 25c, postpaid.

ONION SETS.

Indispensable for early onions for bunching, as in a very few weeks they are ready for the table. Price by the pint and quart include prepayment of postage (deduct 15c per quart if by express.) Price by the peck and bushel is subject to market variations, and they are shipped at buyer's expense. If you want a large lot write for prices.

WHITE BOTTOM SETS.—The bottom onion sets grown from seed are the most popular of all and the finest and best for early use and large onions. Per pt. 20c, qt. 35c, pk. \$1.00, bu. \$3.25.

YELLOW BOTTOM SETS.—Like above, except the color. Per pt. 15c, qt. 30c, pk. 85c, bu. \$2.75.

RED BOTTOM SETS.—Per pt. 15c, qt. 30c, pk. 85c, bu. \$2.50.

RED TOP or BOTTOM SETS.—These are the old-fashioned sets still largely called for in some sections. Per pt. 20c, qt. 35c, pk. \$1.00, bu. \$3.00.

POTATO ONION SETS.—Valuable for early crop, as they mature quickly; mild and of sweet flavor. Per pt. 20c, qt. 35c, pk. \$1.10, bu. \$3.75.

SELECTED FARM SEEDS.

Our seed grain is grown especially for seed, in the section best suited to its development and perfect maturity, is all carefully selected, thoroughly cleaned, of the best quality, and we sell at reasonable prices.

PRICES named in this department are subject to any important market changes. The prices are net and not subject to premium or discount which is offered on garden seeds.

NOTICE.—While we exercise the greatest care to have all seeds pure and reliable, we do not give any warranty expressed or implied. Samples sent for testing if desired.

SHIPPING.—In this department everything that is quoted by the packet or pound is sent by mail postpaid; all large quantities, unless noted, are sent by express or freight at expense of the purchaser. Prices named include bags and delivering to depot here.

SEED CORN.

It costs less than 25 cents an acre to use our carefully selected and tested seed corn. Is it wise to risk doubtful corn when good seed is so cheap?

The varieties of field corn we offer are the best now in use. They were grown especially for seed purposes, and well matured, cured, carefully sorted by our seed corn experts, and shelled with great care. The value of the corn crop in Iowa alone would be increased two million dollars by an average increase of one bushel per acre, and it has been demonstrated that the crops can be fully doubled by planting some of our improved varieties. We are in the center of the best corn growing country of the world, where the soil and climate are peculiarly adapted to its culture, and now we can say without fear of contradiction, that for the season of 1897 we have the best supply of seed corn ever offered by any seed firm in the world.

The necessity of planting the very best varieties is plain, and it will not pay you to experiment with the many sorts which we have tried and found worthless, nor to purchase from unscrupulous dealers. We claim to have supplied more farmers with seed corn last year than any other seed firm in the world ever did before. Some dealers, last year seeing the great success we had made in the seed corn trade, purchased common crib corn and sold it out untested and under fictitious names, and it made their customers a great amount of trouble. All our seed corn is very carefully tested, and none sent out that we are not certain will grow well under proper conditions. We do not warrant it, but we will mail samples for testing to prospective customers. If a large quantity is wanted, ask for prices. No extra charge for bags.

IOWA SILVER MINE—THE GREAT \$1,000.00 CORN.

The most wonderful yielder, 215 bushels per acre with ordinary culture. It was in the spring of 1895 that we first saw this corn. We claim to be corn experts, and we have no money to throw away, but as soon as we examined it we purchased the entire stock for \$1,000.00 cash. Our judgment was correct as proven by the past seasons crops which were the most marvelous ever grown. Just think of it! The average corn crop of the United States is only 28 bushels per acre, and there was more than seven times this amount of Iowa Silver Mine grown on one acre. Would you like to grow this kind of a crop? Plant Iowa Silver Mine corn, plant your whole farm to it. Adopt our new method of culture which will be sent free to every one ordering this variety of seed corn from us.

DESCRIPTION.—Stalk grows to a height of about seven or eight feet and sets the ears about three and one-half to four feet from the ground, just the right height for easy picking. One peculiarity we noticed in going over the field was that there were no barren stalks every one had an ear, many stalks had two good ears, and the originator says that that has been characteristic every year that he has grown it. It has not a large growth of fodder, having been bred essentially for grain, though it has plenty of blades to support the growth and it is as well rooted as any corn grown. The type is very even, so unusually so that in selecting exhibition ears for the fair in the field he could take the ears as he came to them with very few exceptions. Ears measuring from ten to twelve inches in length and weighing one and one-half pounds are not uncommon. Just think of it. 47 ears make a bushel. The ears are very uniform in size and shape, with sixteen to twenty straight rows (usually eighteen rows) of deep, pure white kernels set on a small white cob, and the ears are well filled out over the tip. It is early, matured last year in less than ninety-five days, and has never been caught by the frost. The cob dries out rapidly so that it is ready for market earlier than any white field corn in existence, fully two weeks earlier than Champion White Pearl. We claim that it is the only strictly pure white corn now on the market. In its yield it will surpass all other varieties of any color. Seventy pounds of corn in the ear will make sixty-two pounds shelled. It is in every way a distinct type of corn, and possesses many of the characteristics which have made the Iowa Gold Mine so popular, while the ear is larger.

We stake our reputation upon this corn giving excellent and entire satisfaction and that it is an entirely new origination and not an old sort under a new name. It is hardy, a great drouth resister and summing it all up **The best Corn ever Introduced.** The acme of perfection, unsurpassable and unsurpassable. The largest ear 100-day corn in existence. We challenge competition. Don't fail to try it.

AWARD OF PRIZES.

Last year we offered \$500.00 in prizes for the largest yield of corn grown on one acre in any part of the United States, and the Iowa Silver Mine surprized everyone with the largest crop ever grown under ordinary conditions in the world. The first prize was awarded to Claus Jochimsen, of Scott county, Iowa, for a crop of 202 bushels and 50 pounds of Iowa Silver Mine corn in the ear grown on one acre of ground. When shelled this equalled 215 bushels and 20 pounds, being the most marvelous crop ever grown. Twenty-three varieties of corn competed but the Iowa Silver mine was awarded the following prizes also:

2nd prize, W. A. Johnson, Mississippi county, Arkansas.....	188 bus.	
3rd " Jacob Seaves, Nemaha county, Nebraska.....	135 "	50 lbs
4th " O L Smith, Ross county, Ohio.....	135 "	25 "
5th " V Green, Hunt county, Texas.....	128 "	10 "
6th " Hiram H Shaw, Medina county, Ohio.....	102 "	25 "
7th " A. Cannon, Calhoun county, Michigan.....	97 "	67 "
8th " Wm. Green, Will county, Illinois.....	92 "	40 "
9th " Henry H French, Genesee county, Michigan.....	85 "	

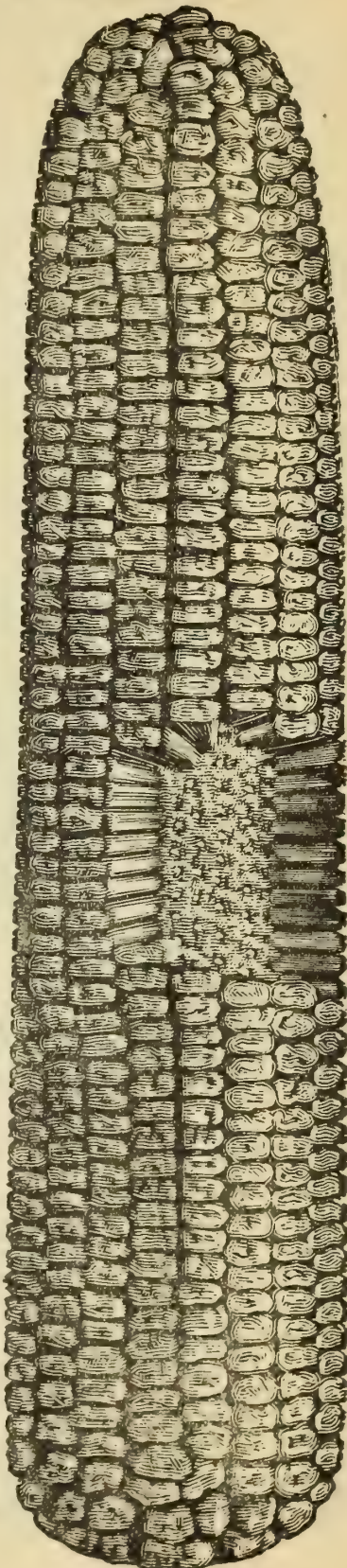
Average, 129 bushels 52 pounds per acre in ear, or 136 bushels 14 pounds shelled.

NOW FOR 1897. We shall offer liberal prizes as listed on page 16 of this catalogue and further—to every one who orders Iowa Silver Mine Seed corn from us we will send free—full information as to how 215 bushels of corn were grown on one acre and instructions so that you can do as well. There is money in farming if you only know how. Don't be a snail; be progressive; adopt new methods, and use good seed. Figure out what your profit would be if your crop was that large. It will pay you to plant your entire field with this variety. You could pay off your farm mortgage in one year. Get your neighbors to order with you. Seed costs only about 30c per acre. Seed must be bought direct from us if you want it strictly pure.

PRICE, Postpaid or by Express Prepaid.—Per 2-oz. packet 10c, 1b. 25c, 3 lbs. 60c, 7 lbs. (will plant an acre) \$1.00 Specimen ears, 25c each.

PRICE, by Freight or Express, Purchaser Paying Charges.—¼ peck 50c, peck 75c, ½ bushel \$1.25, bushel \$2.00, 2 bushels or more @ \$1.85, 10 bushels \$17.50.

ORDER EARLY—THERE IS SURE TO BE AN IMMENSE DEMAND.

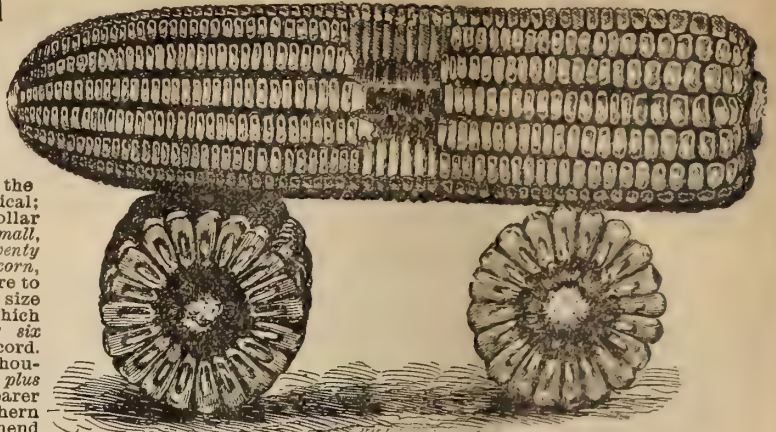


Iowa Gold Mine Corn

THE BEST VARIETY OF YELLOW CORN
IN THE WORLD!

Everyone who has tried it is enthusiastic in the praise of this splendid new variety which we introduced in 1892. Iowa is not called a gold mining state, but in this grand new variety farmers of this country will find a veritable mine of wealth. It has received the most cordial endorsement as the best and most profitable variety ever grown. It is early, ripening only a few days later than Pride of the North; ears are not large, but of good size and symmetrical; color a bright golden yellow, as handsome as a twenty dollar gold coin just from the mint; grain is very deep, cob small, and therefore dries out very quickly as soon as ripe. *Seventy pounds of ear corn makes sixty to sixty-two pounds of shelled corn*, and in hauling to market it weighs out five bushels more to the wagon load than common varieties in the same size wagon. We have shelled selected ears of this variety which produced *sixty-four pounds of shelled corn and only six pounds of cobs to the bushel*. This is an unparalleled record. It cannot be equaled by any other corn in the world. Thousands of our customers say that they consider it the *ne plus ultra* in corn; that it would be impossible to attain any nearer perfection. It matures perfectly up to the extreme northern tier of counties in Iowa. We can most confidently recommend it as the acme of perfection and stake our reputation on its pleasing everyone who tries it. One carload lot of four hundred bushels of Iowa Gold Mine corn was carefully weighed, and after shelling it was reweighed and there was just 456 bushels. Just think of it—a gain of 14 bushels to the 100!

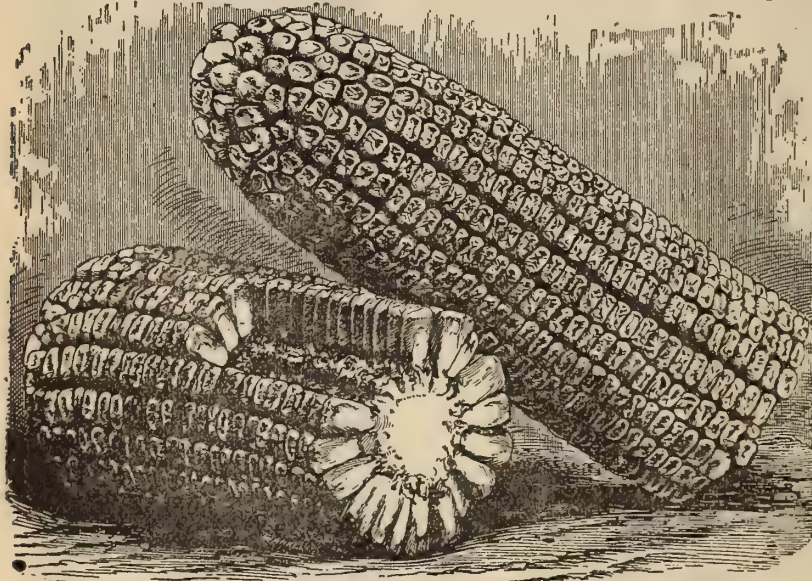
Remember, if you want pure Iowa Gold Mine corn you must purchase it direct from us. If you purchase from your local dealer, insist on seeing that our label is in every bag, plainly marked **Iowa Seed Company**. It will pay you to change your seed, and don't fail to at least see a sample of Iowa Gold Mine before buying elsewhere. Notice our low prices this year. Per large package, 5c, lb. 25c, 3 lbs. 60c, postpaid. By freight, pk. 60c, bu. \$1.25, 2 bu. or more at \$1.00 per bu.



IOWA GOLD MINE CORN. (From a photograph.)

LEGAL TENDER.—With the exception of our Iowa Gold Mine, we consider the Legal Tender the best variety of yellow dent corn for Iowa, Illinois, Nebraska and the south. It is the result of about ten years' selection by a seed corn specialist in Iowa, and has taken first premium at many state and county fairs. The corn is very productive, of uniform pure yellow color, ear very large and long and a deep grain on a small cob, while the stalk does not grow too large. The introducer says: "Our ideal ear is an ear two-thirds as large around as it is long, containing sixteen to twenty rows, and small shank. The kernels are deep, the cob is small at the butt and the ear holds its bigness until near tapering off. It should be capped over, and the kernels should hold their bigness toward the point and the butt run out straight and not crinkle." It matures in about 115 days, but we do not recommend it for the extreme northern portion of this state. Per peck 50¢, bushel \$1.25; 2 bushels or more, @ \$1.00.

STAR LEAMING.—The Leaming corn, which originated with Mr. Leaming, of Oaio, was always a good variety, but it had some serious faults for culture in this state, and we have refrained from giving it our endorsement. A few years ago we found an extra nice lot in the hands of an enterprising Iowa farmer, who had been selecting it for many years. We were greatly pleased with it, but were not willing to offer it to our customers without still further selection. We now have a corn which is a great improvement on the Leaming, but it retains all the valuable characteristics of that variety, so that instead of giving it a new name, we call it Star Leaming to distinguish it from other strains. It will ripen in 100 days, has medium size ears, grains of good depth, and rich golden yellow color. It is very productive, and we are sure will please our customers. It can only be obtained by ordering direct from us. Peck 50¢; bushel \$1.25; 2 bushels or more @ \$1.00.



LEGAL TENDER.

CHAMPION WHITE PEARL.—This was undoubtedly the best variety of white corn before the introduction of Iowa Silver Mine, grows to medium height, prolific and has given splendid satisfaction to our customers. Per peck 50¢; bushel \$1.25; 2 bushels or more @ \$1.00.

EVERGREEN FODDER SWEET CORN.—This is one of the most valuable items on the list for stock farmers and one which they should devote more land to. Last year our sale for it was fully three times that of the previous season and it has everywhere proved highly satisfactory. Our corn will yield a large quantity of fodder which is rich and nutritious. Valuable for feeding hogs and milk cows. Dairy farmers will find that our Evergreen fodder corn is fully double the value of field corn for fodder purposes. It has a good stalk filled with large, succulent leaves, which are greatly relished by stock. Per pk. 50¢; bu. \$1.25.

GIANT MEXICAN JUNE CORN.—A giant among corn, growing from 16 to 20 feet in height, with ears 10 feet from the ground. A grand variety for grain in the south, for the silo in the north, and a grand curiosity for every section. It is exceedingly leafy in its upper sections and this gives special value to it for the silo. A few stalks of this giant corn will make a grand sight in any garden. It is white dent with a good sized ear. Pkt. 5c, ¼ lb. 15c, lb. 50c, postpaid.

The seeds purchased from you produced the finest yields ever seen in our county. The Iowa Silver Mine corn yielded 188 bushels to the acre."

W. A. JOHNSON, Mississippi Co., Ark.

"Your seeds were as good as any I ever planted. The Iowa Gold Mine corn is pronounced by everybody in this neighborhood to be the best corn ever raised here."

WILLARD GREENLEE, Mason Co., W. Va.

"I grew 480 bushels of your Iowa Gold Mine corn on four acres last year. An average of 120 bushels to the acre."

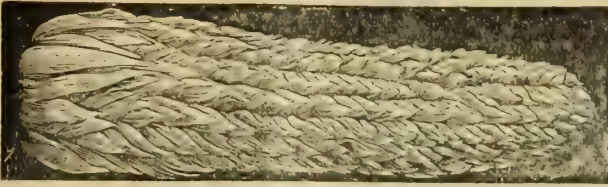
W. W. PRESTON, Warren Co., Iowa.

"Your Iowa Gold Mine was early, stood the drouth remarkably well and produced 500 bushels of good sound corn. My neighbors with as good, or better conditions, either failed entirely or had only soft corn. I never made a more profitable investment in my life."

F. H. FURNEAUX, Arapahoe Co., Colo.



EVERGREEN FODDER SWEET CORN.



PRIMITIVE CORN.

PRIDE OF THE NORTH.—(See cut No. 1.) This variety has been grown and improved in the extreme northern part of Iowa. The ears are 8 to 10 inches long with small cob and kernel; seventy pounds of ears will make sixty pounds of shelled corn; color bright orange, and very uniform. Will ripen in ninety days and matures in this latitude when planted in June. Per pk. 50c, bu. \$1.40, 2 bu. or more @ \$1.20.

LONGFELLOW FLINT.—(See cut No. 2.) An eight-rowed yellow flint variety, with ears from 10 to 15 inches long, 1½ to 2¼ inches in diameter, and are well filled out to extreme end of cob. The cob is small and the kernel large and broad, ripens in 85 to 90 days. This corn is well adapted to the northwest, and is said to produce 200 bushels of ears to the acre in Massachusetts. In ordering, be sure and put in the word flint, to distinguish from our Longfellow Dent. Per pk. 75c, bu. \$2.00, 2 bushels or more @ \$1.75.

CLARK'S EARLY MASTODON.—(See cut No. 3.) Very popular in some sections of the country owing to its large size and record of enormous yields. In the celebrated *American Agriculturist* corn contest in 1889, the Early Mastodon outyielded every other yellow corn in America, Mr. Alfred Rose, of New York state, raising 213 bushels of shelled corn to the acre. It is hardy, of strong, rank growth, ears of good size. Matures in 120 days. Pk. 50c, bu. \$1.50, 2 bu. or more @ \$1.25.

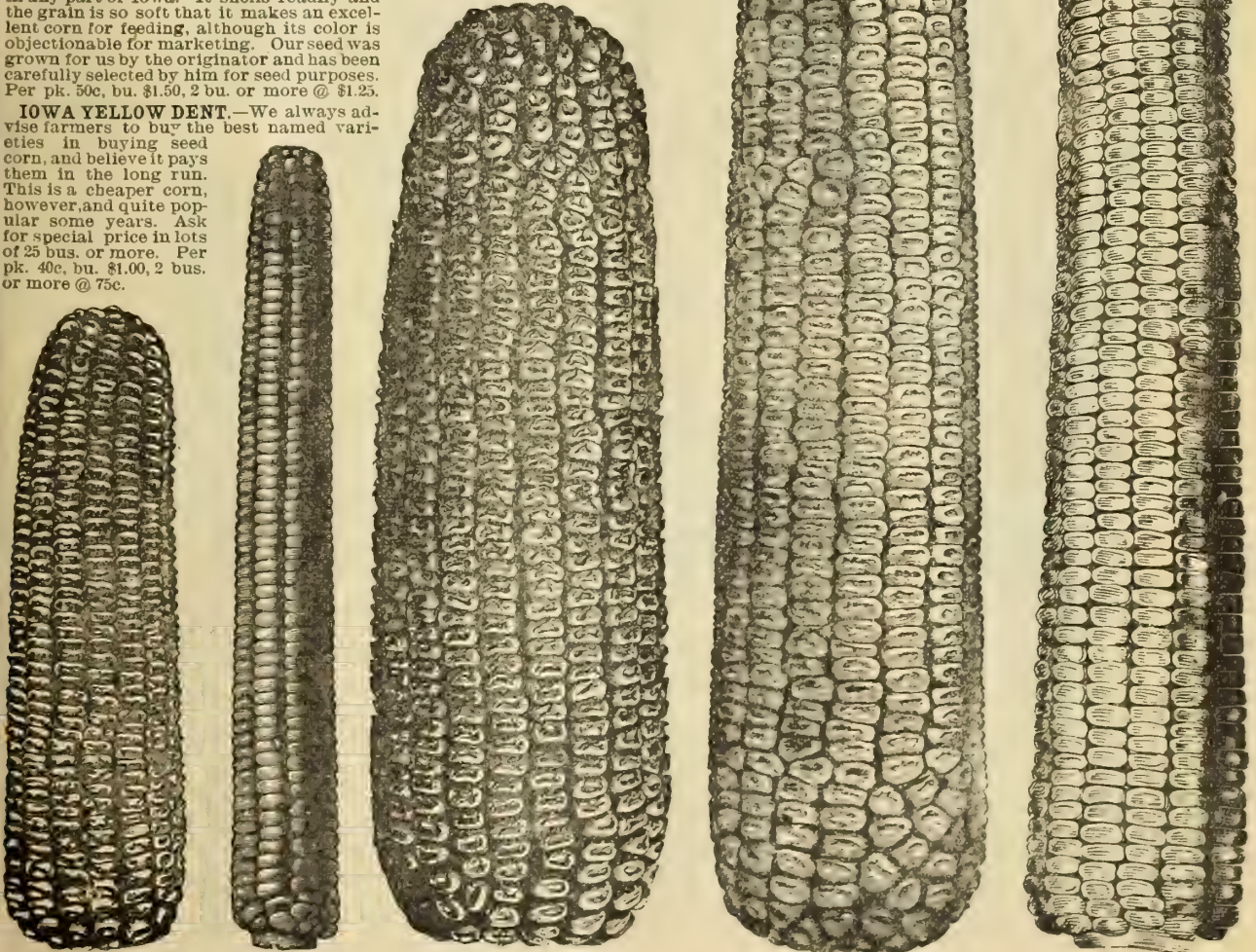
LENOCHER'S HOMESTEAD.—(See cut No. 4.) Well known in Iowa from its having won the *Iowa Homestead* prize of \$100.00 as the largest producer in the state. In 1891 this variety yielded 345 bushels on three acres with ordinary culture. It was also awarded a diploma at the World's Fair. This variety originated with Mr. G. F. Lenoche, one of the most practical farmers and corn growers in the state. Color dark red with light colored cap; grain deep and hackled. Ear somewhat above the average size; cob small and dries out rapidly, so that it has has never been caught by frost. We believe it to be a safe corn to plant in any part of Iowa. It shells readily and the grain is so soft that it makes an excellent corn for feeding, although its color is objectionable for marketing. Our seed was grown for us by the originator and has been carefully selected by him for seed purposes. Per pk. 50c, bu. \$1.50, 2 bu. or more @ \$1.25.

IOWA YELLOW DENT.—We always advise farmers to buy the best named varieties in buying seed corn, and believe it pays them in the long run. This is a cheaper corn, however, and quite popular some years. Ask for special price in lots of 25 bus. or more. Per pk. 40c, bu. \$1.00, 2 bus. or more @ 75c.

PRIMITIVE or HUSK CORN.—It is from this wild variety that all of our cultivated kinds have sprung. The ears are of fair size and each individual kernel or grain is covered with a husk and all enclosed in an outer husk like common corn. In some of the wild and uncultivated parts of Mexico the Primitive or natural corn can still be found growing wild. It is quite curious and valuable for exhibition purposes and attracts great attention wherever seen. Some stalks bear as many as twenty ears. Large pkt. 10c, lb. 50c, postpaid.

EARLY LONGFELLOW DENT.—(See cut No. 5.) For several years one of our growers has been at work originating this new sort, the object being to obtain a variety fully as early as *Pride of the North* with much larger ear. He succeeded so well that we take pleasure in introducing it. The accompanying engraving was accurately made from an ear of the corn and well shows its shape, which is different from any other sort in existence and suggested the name. We recommend it highly to our many customers in northern Iowa and Minnesota as the best early corn offered. The grower who has had it for several years claim it yields as well as any of the large sorts. Stalks of medium height, strong and not easily blown down. Ears have 12 rows, and are 10 to 14 inches in length, kernel rather shallow. Per pk. 50c, bu. \$1.50, 2 bus. or more @ \$1.25.

HICKORY KING.—A white field corn, which has the largest grains, with the smallest cob, of any white corn ever introduced. So large are the grains and so extremely small the cob that on an ear broken in half a single grain will almost completely cover the cob section. Of strong, vigorous growth, and yields splendid crops on light soil, and is undoubtedly the most productive white field corn for the south. We do not, however, consider it a safe crop for this state. Per pk. 75c, bu. \$2.00, 2 bus. or more @ \$1.75.



PRIDE OF THE NORTH.

LONG. FLINT.

EARLY MASTODON.

LENOCHER'S HOMESTEAD.

EARLY LONGFELLOW DENT.

LINCOLN OATS.—When we introduced these oats to our customers in 1893 they had never been tested in this state, but had done so exceptionally well in Minnesota that we had much faith in them. Seven prizes, amounting to \$500, were offered for the largest crops grown from one bushel of seed sown, and in our 1894 catalogue we published the list of awards, the first prize going to a man who grew 174 bushels from one bushel of seed sown, and the average of seven successful competitors was 116 bushels each. What we claim for the Lincoln is that it is a very heavy yielder, is comparatively early, has proven to be entirely rust proof, and stands up exceptionally well. On account of its soft nib, heavy meat and thin hull it is unsurpassed for feeding and for making into oatmeal. Our price is low this year and you should try them. Pound 25c, 3 lbs. 60c, postpaid. Peck 40c, bushel \$1.00, 2 bushels or more at 80c, 10 bushels or more at 75c.

GREAT NEW ZEALAND OATS.—This grand new variety was first introduced by us in 1895 and has given remarkable satisfaction, in one instance yielding 102 bushels per acre while other varieties in the same vicinity yielded only 40 to 50 bushels. It averages a trifle higher than other sorts, has very stiff, strong straw, never known to lodge. About one week later in maturing than the common round head oat, thus giving time to harvest the hay crop. Tested 40 lbs. to the bushel from the machine without recleaning, and gives an extraordinary large yield. They stood out remarkably well, and thus require less seed to the acre. Last year common oats rusted very badly but the New Zealand was almost entirely free from rust on all kinds of soils. Henry Wallace, editor of the Wallace Farmer, saw a growing crop, last year, and spoke very highly of them. Their only fault is that they are and always have been somewhat mixed with round head oats. Per peck 40c, bu. \$1.00, 2 bu. or more @ 80c, 10 bu. or more @ 75c



VELVET CHAFF, or BLUE STEM WHEAT.—Several years' test has proven that this does the best of any sort throughout Iowa. It is a remarkable, semi-hard spring wheat, yielding large crops free from rust. The millers here pay 5 cents per bushel more for it than for any other sort. Lb. 25c, 3 lbs. 65c, pk. 50c, bu. \$1.50, 2 bu. or more @ \$1.25.

TURKISH RED WINTER WHEAT.—Has proved invincible, every year without exception producing a good paying crop. It is strictly IRON-CLAD and almost entirely free from rust, blight and scab, and lives through winter in the most exposed places. It has a record of 44 bushels to the acre. The grains are plump and quite hard. Per bu. \$1.00, 2 bu. or more @ 90c.

IDEAL BARLEY.—And it is indeed an ideal which will please everyone who tries it. Our cut well illustrates it. The heads are large and well filled with large, plump kernels which not only are without the objectionable long, harsh beards, but also are hullless. Those who have grown it claim that it will produce a very much larger crop than any other variety. It weighs 60 to 65 lbs. to the measured bushel, while ordinary barley weighs only 48 lbs. The hulls of the common barley form quite a proportion of the total weight, but there is no waste in the Ideal—it is hullless. It is a great improvement on the old hullless barley which had a black grain, as the Ideal is white. The straw is very stiff and strong, amply sufficient to stand the weight of the heavy heads. It is the handsomest, most productive and best variety we know of and we are sure it will prove satisfactory. Per pkt. 5c, lb. 35c, 3 lbs. 75c, postpaid. By freight, per pk. 75c, bu. \$2.00.

MANSHURY BARLEY.—Is one of the best six-rowed sorts grown. It is early in ripening, which helps it to fill well, thus it is always plump. It has a strong, upright straw, and yields from fifty to seventy bushels per acre. The heads of this barley are very long, and contain from seventy-five to one hundred great, plump, heavy kernels of grain. Per lb. 25c, 3 lbs. 60c, pk. 40c, bu. \$1.25, 2 bu. or more @ \$1.00.

SPRING RYE.—This grain is often planted by the farmers especially for the paper makers, who prefer it to any other. The straw is shorter and stiffer than the winter variety and is always easily secured, while the grain is of equal value. Per lb. 25c, 3 lbs. 60c, pk. 50c, bu. \$1.25, 2 bu. or more @ \$1.10.

WINTER RYE.—Our seed is choice and sure to satisfy. Per pk. 40c, bu. \$1.00, 2 bu. or more @ 80c.

FIELD PEAS.—Each year there is a large increase in the number of our best farmers who sow field peas, and they claim they are one of the most profitable crops for fattening stock, and especially for hogs. Stock eat them with great avidity. Also profitable for marketing as dry or split peas. Sow two bushels to the acre, or if with oats, one bushel of each.

Scotch Beauty.—Best of the blue field peas. Pods and peas are large and it is very productive. Per pk. 60c, bu. \$1.75, 2 bu. or more @ \$1.50.

White Canada.—More used than any other. Per pk. 60c, bu. \$1.50, 2 bu. or more @ \$1.25.

Blue or Green.—Like above, except that the color is a bluish green. Per pk. 65c, bu. \$1.50, 2 bu. or more @ \$1.25.

BROOM CORN.—This is a profitable crop and should be more largely cultivated. Our seed is carefully selected, and every grower should plant two or more sorts, to make a crop more certain. By freight, 10 lbs. \$1.75, 25 lbs. \$3.00, 100 lbs. \$10.00



IDEAL BARLEY.

Dwarf Emerald.—See Novelties. Per lb. 35c, 3 lbs. 75c.

Australian.—Makes the most even and perfect shaped and colored hurl brush of any variety that we have ever seen, almost every pound of it being straight, of light green color, and suitable for the best parlor brooms. It is much more productive than most other kinds, the brush is much longer and is sure to bring a higher price. Per lb. 30c, 3 lbs. 75c. By freight, 10 lbs. \$1.00, 25 lbs. \$2.00, 100 lbs. \$6.50.

Wilson's Improved Evergreen.—An improvement on the Tall Evergreen. It stands well, is long and free from crooked brush. Per pound, 30c; 3 lbs. 75c. By freight, 10 lbs. \$1.00; 25 lbs. \$1.50; 100 lbs. \$4.00.

California Golden.—Per lb. 25c, 3 lbs. 60c. By freight, 10 lbs. 60c, 25 lbs. \$1.00, 100 lbs. \$3.00.

Dwarf Evergreen.—Per lb. 25c, 3 lbs. 60c. By freight, 10 lbs. 75c; 25 lbs. \$1.50; 100 lbs. \$4.00.

SEED FLAX.—It pays to own your own flax seed, instead of raising it on contract. Prices are subject to change during the season; present price is per pk. 65c, bu. \$1.75.



TURKISH RED. VELVET CHAFF.

EGYPTIAN LENTILS.—Largely used in Oriental countries and is one of their principal articles of diet. It was from these that the dish of pottage was made for which Esau sold his birthright to Jacob in Bible times, and many will be interested in them for that reason. They are in growth similar to peas and may be used in any way that you would use shelled beans, and they also make an excellent soup. Sow and cultivate same as garden peas and thresh out in the fall. All should try them. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, lb. 75c. By express, 5 lbs. or more @ 30c per lb.

SOJA BEANS.—(Coffee Berry.)—During recent years this variety has been largely sold under the name of German Coffee Berry at extravagantly high prices, but we prefer to offer it under its correct name. The berries ripen in about four months from time of planting and produce a crop of twenty to thirty bushels to the acre and are as easily grown as other beans. When roasted and ground it closely resembles coffee and tastes quite similar. Some mix half and half with coffee when using and claim it is superior. Its great value to the farmer lays in the fact that when ground it makes one of the most valuable crops for feeding stock and adds greatly to the milk production. Claimed also to be much superior to clover for fertilizing the soil and for pasturing, or feeding the green fodder, of which it frequently yields from eight to ten tons per acre. Our seed is Iowa grown. Sow broadcast $\frac{1}{4}$ bushel to the acre, or it may be planted in drills three feet apart and one foot between plants. Per pkt. 5c, $\frac{1}{4}$ lb. 15c, lb. 40c, postpaid. Pk. \$1.00, bu. \$3.50.

DWARF ESSEX RAPE.—A forage plant of great merit, easily grown in any part of the United States on any land that will raise turnips or corn, and will furnish abundant supplies of succulent, rich, nutritious pasture at a season when it is most needed. Is of great value for sheep and lambs and when turned in on it, to use a common expression, "they soon weigh like lead." It is also of value for pasturing cattle. One acre of rape is sufficient to pasture 10 to 15 lambs on for two to two and one-half months. It is often sown broadcast, about five pounds to the acre, but will yield much better if drilled about two pounds to the acre, in rows 22 inches apart and cultivated until plants are too large. Seed may be sown in May, but we do not advise sowing until June or July. It can, however, be sown with grain in the spring, and it is said to not interfere with the grain crop. The Dwarf Essex



SOJA BEANS, OR COFFEE BERRY.

KAFFIR CORN.—An excellent fodder plant, yielding two crops of fodder during a season. Grows four to five feet high, upright stalk, with numerous large leaves, greatly relished by cattle and horses. The seed crop is also heavy, sometimes yielding sixty bushels to the acre. It does better sown in drills three feet apart using six to eight pounds of seed per acre. Per lb. 25c 3 lbs. 60c. By freight, 10 lbs. 60c, 25 lbs. \$1.00, 100 lbs. \$3.

JERUSALEM ARTICHOKE.—(The greatest hog food known.)—These are attracting much attention on account of their great fattening properties, great productiveness (over one thousand bushels having been grown on one acre), and ease with which they can be grown. They need not be dug in the fall; the hogs should be turned in on them, and will help themselves by rooting for them. One acre will keep from twenty to thirty head in fine condition from October until April, except when the ground is frozen too hard for them to root. They are also said to be a preventative of cholera and other hog diseases, and they are also highly recommended for milch cows, increasing the yield of milk and at the same time improving their condition. Three bushels will seed an acre, and they should be cut the same as potatoes, one eye to a cut being sufficient. Plant in April or May, in rows three feet apart and two feet in the rows, and covered about two inches deep. To destroy them they should be plowed under when the plant is about a foot high, at the time the old tuber has decayed and new ones are not yet formed. Per lb. 30c, 3 lbs. 75c, postpaid. By freight or express, pk. 50c, bu. \$1.25, bbl. of 3 bu. (enough for one acre) \$3.00.



DWARF ESSEX RAPE.



JERUSALEM ARTICHOKE.



KAFFIR CORN.



LENTILS.

rape is unequalled as a pasture for sheep in the autumn, and as fattening food is without a rival in cheapness. It will keep a long time in early winter if cut and put in heaps like shocks of hay. Large pkt. 5c, lb. 35c, 3 lbs. \$1.00, postpaid. By express, 5 lbs. or more @ 25c per lb., 25 lbs. \$5, 100 lbs. \$15.

AMBER SUGAR CANE.—This popular variety has nearly taken the place of other sorts. It is the earliest and makes the finest quality of amber syrup, and also makes good sugar. Succeeds well both north and south. From 100 to 200 gallons of syrup, or from 700 to 1,500 pounds of sugar can be made from an acre of this cane. Our seed is carefully selected and of superior value. Per lb. 25c, 3 lbs. 60c, 10 lbs or more by express, or freight, 5c per lb., 100 lbs. \$3.00.

FODDER CANE.—When sown broadcast this makes one of the most valuable crops for feeding green, and we are tempted to call it the most valuable forage crop in existence. Every dairy farmer should put in a few acres. Sow 40 lbs. per acre. Ten pounds or more at 4c per pound, 100 lbs. \$1.50.

PROLIFIC TREE BEANS.—Quite a valuable variety for field culture, grows about 20 inches high, has stiff, upright branches and bears immensely, sometimes yielding 45 bushels per acre. The beans closely resemble the White Navy. Per pkt. 5c, $\frac{1}{4}$ pt. 15c, qt. 40c, postpaid. By freight, per pk. 75c, bu. \$2.75.

JAPANESE BUCKWHEAT.—About a week earlier than Silver Hull, and yields almost as much again. The flour made from it is equal in quality to any other buckwheat, while it is much more productive than any other, and succeeds well far north. As the straw is heavier and it branches more, it does not need to be sown as thickly as the other kinds. Per lb. 25c, 3 lbs. 60c. By freight, 10 lbs. 40c, 100 lbs. \$2.50, equals \$1.30 per bushel.



AMBER CANE.

TREE AND HEDGE SEEDS.—As tree seedlings make but a small growth the first season, it is best to plant in rows or beds and transplant to permanent places at one or two years old. It is well to protect the first winter with straw or hay. Postage prepaid except at the five-pound rate, at which purchaser pays the charges. Packets of any, at 5 cents each.

- American White Ash.— $\frac{1}{4}$ lb. 15c, lb. 50c, 5 lbs. or more @ 25c.
- Box Elder.— $\frac{1}{4}$ lb. 15c, lb. 50c, 5 lbs. or more @ 25c.
- Epiceosa or Hardy Catalpa.—Oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 85c, 5 lbs. or more @ 50c.
- Honey Locust.— $\frac{1}{4}$ lb. 20c, lb. 50c, 5 lbs. or more @ 25c.
- Black Locust.— $\frac{1}{4}$ lb. 20c, lb. 50c, 5 lbs. or more @ 25c.
- Russian Mulberry.—Its rapid growth, beautiful form and foliage, and more than all, the excellence of its timber and fruit, make it a valuable tree for the northwest. Oz. 20c, $\frac{1}{4}$ lb. 65c, lb. \$2.00.
- Osage Orange.—It makes a handsome and durable hedge. Lb. 50c, 3 lbs. \$1.25. By freight, pk. \$2.00, bu. \$7.00.
- Tree of Heaven.—Of rapid growth and tropical appearance. Hardy. Oz. 10c, $\frac{1}{4}$ lb. 30c, lb. 75c.

CLOVER SEED.

For several years we have made this a specialty, and we now have our electric machinery for cleaning so perfected that we claim that our grades average better than those of any other market, and believe they cannot fail to please the most particular. Other seed dealers who happened to be in our warehouse when we were cleaning clover have often remarked that the seed looked so extra nice they should not reclean it. From these same lots of seed we were cleaning out five to ten pounds to the hundred pounds of weed seed, sand and shrunken clover seed. This makes quite a difference in real value, and our seed is really worth \$1.00 to \$2.00 per one hundred pounds more than that obtained from most dealers.

A PRICE LIST of Clover and Grass Seeds is published every week from January until June. It gives complete descriptions of all kinds of clover and grass seeds and much information of value to farmers. Ask for a copy of it whenever you wish to purchase.

PRICES on clover and grass seeds are changing almost daily, so that we are unable to quote prices which will be invariable. Don't fail to write for prices before buying. If you are in a hurry for the seed you can order it and we will send seed to full value of money sent, on the day order is received. The following are the prices we are selling seed at on the date this catalogue goes to press (Dec. 28, 1896.) We will furnish 20 lbs. or more at the 100-lb. rate:

KINDS	Lbs. to sow one acre	Postpaid per lb.	Price per 100 lbs.	Equals per bu.
CLOVER , Medium Red, best.....	15	25	\$ 7 00	\$4 20
Medium Red, 2d grade.....	15	25	5 50	3 30
Mammoth Red.....	15	25	7 25	4 35
Alsike.....	7	25	9 00	5 40
Alfalfa.....	20	25	8 25	4 95
Crimson (Scarlet Incarnate).....	20	25	6 70	4 00
White.....	6	35	15 00	9 00
Honey.....	10	50	.....	.....
TIMOTHY , best.....	12	20	2 70	1 21
KY. BLUE GRASS , fancy cleaned, 15 to 60	30	30	12 00	1 68
Extra cleaned.....	100	25	8 00	1 12
RED TOP , fancy cleaned.....	12	35	16 00	2 34
Prime.....	20	25	8 00	1 12
ORCHARD GRASS	14	35	14 00	1 96
MILLET , German.....	50	20	2 00	96
Common.....	50	20	1 50	72
Manitoba.....	50	20	2 25	1 08
HUNGARIAN	50	20	2 25	1 08
FANCY GRASSES , Rhode Island Bent	25	40	20 00	.....
Meadow Fescue (English Blue Grass).....	20	25	9 00	.....
Perennial Rye Grass.....	35	25	7 50	.....
Crested Dogstail.....	15	50	30 00	.....
Sweet Vernal.....	20	40	18 00	.....
Sheep's Fescue.....	25	35	13 00	.....
Creeping Bent.....	18	40	22 00	.....
Wood Meadow.....	25	45	28 00	.....
PERMANENT PASTURE , high land	30	35	12 00	.....
For medium land.....	30	35	12 00	.....
For low, wet land.....	30	35	12 00	.....

Two-bushel grain bags to hold seed 15c each.

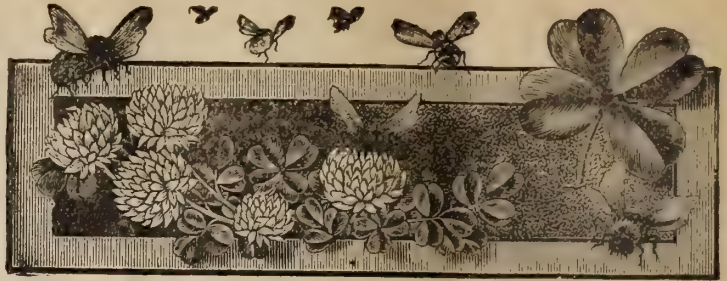
COLLECTION OF CLOVERS.—For trial, one ounce each of the above seven kinds of clover for 25c, postpaid. One pound each of seven kinds, by express, \$1.00.

The seeds you sent me are indeed more than you claim for them. The timothy is fresh and clean. Clover seed the cleanest I ever saw tested under a microscope. Please accept thanks for honorable treatment. JOHN MITMAN, Hooper, Neb.

I was much pleased with the clover seed received from you. It was nice and clean and nothing but seed. HENRY ROSEMAN, Muscoda, Wis.



SUNFLOWER



EARLY HARVEST MILLET.

EARLY HARVEST MILLET.—This new variety was produced by sowing the Golden Wonder and Manitoba millet together and they formed a perfect cross or so-called hybrid, the seed being different in size, shape and color from either of its parents. It is as early, if not earlier, than the Manitoba, while the head is more like the Golden Wonder, being not so long, but much fuller. The fodder stays green and in excellent condition even after the seed is fully ripe, differing in this respect from any other kind. The crop from which our seed was harvested was cut just fifty-one days after the seed was sown. Thus it would be easy to raise two crops in one season on the same ground. It ripens seed before pigeon grass or any kind of barn grass, and yields 40 bushels of seed to the acre. The hay is fully equal to Golden Wonder and is as good as any variety of millet. The stem is well filled with broad leaves instead of having leaves simply at the base and makes just as good hay when cut after seed is ripe as other millets do cut green. Prof. A. A. Crozier, of the Michigan Agricultural College, tested it very thoroughly and writes us: "Your new millet is the earliest kind of millet we have out of 73 samples from various parts of the world, and I think it will also prove productive." All things considered, we believe it to be the millet of all others for the Iowa farmers, and advise all try at least a small quantity this year. Per large pkt. 5c, lb. 25c, 3 lbs. 60c, postpaid. By freight, 5 lbs. or more @ 6c, 100 lbs. \$2.10, equal: \$1.00 per bushel.

The Timothy seed I ordered from you came all right and it was splendid. J. W. MOORE, Hubbard, Ohio.

A NICE LAWN Is easily secured by sowing our Lawn Grass Seed. Ask for circular giving full instructions for preparing a perfect lawn anywhere.
CENTRAL PARK LAWN GRASS.—The best mixture for general use. One pound will sow 300 to 400 square feet. Per qt. 30c, postpaid. By freight, bushel of 15 lbs., \$2 25, 5 bu. for \$10.00.
SHADY LAWN SEED.—Specialty adapted for growing in shade. Per qt. 35c postpaid.
TERRACE LAWN SEED.—For terraces and embankments. Per qt. 35c, postpaid.

SUNFLOWER.

MAMMOTH RUSSIAN.—The largest of all sunflowers. This is without doubt one of the best paying crops that can be raised. The seed makes the best of food for poultry and can be raised at a very trifling cost (about one-third the cost of corn), and the stalks, which grow very large, make excellent firewood. It is also said to afford protection against malaria. Large pkt. 5c. lb. 25c. 3 lbs. 65c. By express, 10 lbs. or more at 8c per lb.

WHITE BEAUTY.—A mammoth single-flowering variety with pure white seeds, which is the result of eight years of careful selection. Desirable for the flower garden and also excellent for poultry, outyielding the old sorts almost two to one in quantity of seeds produced to the acre. Large pkt. 5c. lb. 35c. By express 5 lbs. or more @ 20c.

BLACK GIANT.—A monster among sunflowers; seeds black. Quite attractive. Pkt. 5c, oz. 15c.

From New Zealand—*The seeds I purchased from you have done splendidly and I am sure I can obtain a large number of orders from my neighbors next season for you.* ERNEST C. MOON, TeUka, Auckland, N. Zealand.

Received the clover seed in good shape and am very much pleased with it, as it is so clean and bright. STEPHEN JENKINS, Knoxville, Iowa.

TRY SPILTZ

THE NEW GRAIN.

See page 16.

SEED POTATOES.

With no other seed is the importance of change more essential than with the potato. By using our northern grown seed you are assured of early maturity, increased yield and a vigorous growth. Our stock, as usual, has been grown from selected seed, and expressly for seed purposes. Order as early as possible, stating whether you desire them shipped by express or freight, and we will ship as soon as the weather permits. We will ship at any time, when requested to do so, regardless of the weather, but customers in this case must take the risk. Prices are subject to any important market changes. At prices named we make no charge for boxes, barrels or drayage. **FOUND PRICES.**—All varieties 30c per lb., 3lbs. for 75c, postpaid.

VAN ORNAM'S EARLIEST.—This magnificent novelty, introduced by us, originated with Van Ornam Bros., of Cass county, Iowa, the originators of Burpee's Extra Early and several other standard varieties, and they call this the best of all. Smooth, of excellent shape, and resembles the Early Rose in color before ripe, but turning to a creamy white. Size is large to very large, with few small ones. Yields an immense crop during dry seasons. Has ripened its whole crops one to three weeks earlier than the Early Rose or Beauty of Hebron. Per pk. 50c, bu. \$1.25, bbl. \$3.00.

PARSON'S PROLIFIC.—Introduced by us in 1882, and by far the best main crop potato in cultivation for Iowa growers. They are a very nice, smooth, white potato, slightly russeted and with eyes almost even with the surface. They run unusually even in size, there being but few small ones and no overgrown large potatoes. It is the potato for main crop, and it will pay you to plant some of them this year. Per pk. 40c, bu. \$1.00, bbl. \$2.25.

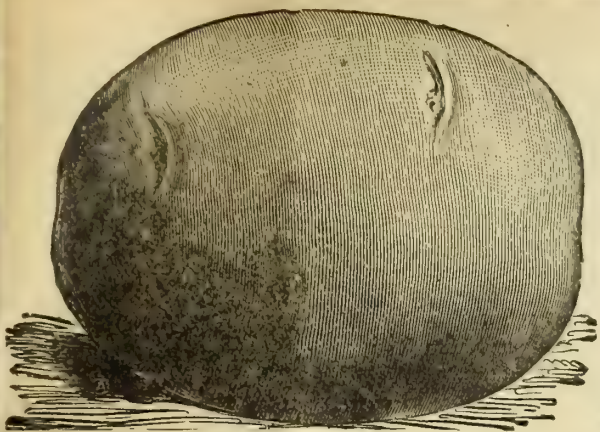
FREEMAN.—The tuber is oval in shape and russet in color; flesh very white, both raw and when cooked; very fine grain and very best flavor. From the time they are as large as hen's eggs until new potatoes come in the next year they burst open when boiled with their jackets on, appearing snow white and floury. Has matured in 39 days from time of planting. A good yielder. Per pk. 50c, bu. \$1.50, bbl. \$3.50.

EARLY BEAUTY OF HEBRON.—A standard early sort. Per pk. 50c, bu. \$1.60, bbl. \$2.50.

EARLY SIX WEEKS.—Claimed to be without exception the earliest potato in existence. Per pk. 50c, bu. \$1.25, bbl. \$3.00.

CHAMPION OF AMERICA.

—A potato of large size and fine quality, having a record of yielding immense crops in some localities. Tubers large and sell rapidly on the market at good prices. Per pk. 50c, bu. \$1.25, bbl. \$3.00.



PARSON'S PROLIFIC.

EXTRA EARLY OHIO.—(Fancy Northern Grown Stock.)—For several years past we have been having these grown in the noted Red River valley, about 450 miles north of Des Moines, and careful tests have proven them to be fully ten days earlier than our Iowa grown stock. This is a great advantage to the gardener and puts this variety at the head of the list of extra earlies. They are all of good average size, strictly pure, smooth, and entirely free from scab and rot. In our tests they are positively the earliest to mature their entire crop of any variety we have ever had, and outyield other early sorts about two to one. It is a special favorite with marketmen, and the most profitable potato they can possibly grow. The sprout is very strong and the vine grows erect, making it easy to cultivate, and on account of its early maturity you can get the highest prices and have the land for other crops. The tubers grow compact in the hill, are easily dug, very few small ones, nearly every one being of marketable size; they keep firm until late in the spring. One grower reports that for several years past the yield has been from 300 to 500 bushels per acre. This is our specialty in standard varieties. Don't plant Iowa grown stock when you can obtain these. Per pk. 50c, bu. \$1.25, bbl. \$3.00.

EARLY OHIO.—Iowa grown. Per pk. 35c, bu. 85c, bbl. \$2.00.

BONANZA.—One of the leading varieties for main crop. The tubers are large, oblong, somewhat flattened, skin smooth, flesh firm, white and fine grained. Productive and of superior quality. Per pk. 50c, bu. \$1.00, bbl. \$2.50.

RURAL NEW YORKER No. 2.—Originated on the experimental grounds of the Rural New Yorker, where more than five hundred varieties have been tested practically during the past twelve years, and it proves the largest yielder of any. Large and unusually smooth, with few and shallow eyes; skin is white, as is the flesh, which is of superior quality. Medium late and best drought resister. Per pk. 50c, bu. \$1.00, bbl. \$2.25.

HYBRIDIZED POTATO SEED.—We have a quantity of very choice potato seed from the flower ball (the true seed) which we are pleased to offer our customers this year. It is from such seed that all the choice new varieties of potatoes are originated, and there is much interest in growing them. Sow in fairly rich soil and give them good cultivation. The second year they develop their characteristics. Per pkt. 10c, 3 pkts. for 25c, postpaid.



equal to the Jersey. Per pk. 60c, bu. \$1.40, bbl. \$3.00.

VINELESS SWEET POTATOES.—A novelty which has proved very popular in some places. Write for price of seed and plants in March or April. Present price is \$1.00 per peck, \$3.00 per bushel.



EXTRA EARLY OHIO.

COLLECTION.—One pound of each of the ten varieties for \$1.00 by express, purchaser to pay charges.

SEED SWEET POTATOES.

For twenty years past our firm has been known as headquarters in central Iowa for choice seed sweet potatoes. Our stock is grown, stored and handled especially for seed purposes and cannot fail to please all. So perfect is our manner of packing that there is rarely a complaint, although they are usually considered very perishable, by reason of changes in the weather or rough handling, but we cannot guarantee safe delivery. Price subject to market changes. Write for prices on large lots. We ship about April 12th, usually.

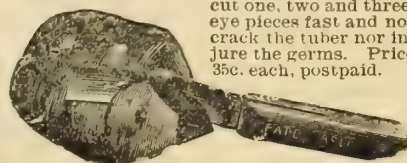
EARLY YELLOW JERSEY.—In spite of the many so-called new varieties, all of which we have tested, the Early Yellow Jersey holds the first place. The earliest, most productive, of short "chunky" shape, and of the very best quality. Not stringy. Very few small ones. Per pk. 60c, bu. \$1.40, bbl. \$3.00.

RED JERSEY, RED NANSEMOND, WHITE SOUTHERN QUEEN.—We can supply choice seed stock of these varieties, if ordered by April 5th, at 75c per peck, \$2.60 per bushel, \$4.50 per barrel.

YELLOW NANSEMOND.—The old standby; by some growers considered

CONCAVED AND CURVED SEED POTATO KNIFE.

—It is thin and of the right shape to cut one, two and three-eye pieces fast and not crack the tuber nor injure the germs. Price 35c. each, postpaid.



FLOWER SEEDS.



I LOVE FLOWERS. DON'T YOU?

Our floral beauties come in for their full share of attention, and in fact we have this year given them more time and space than ever before on our grounds. We have in our employ an experienced specialist in this line, who, under our supervision, attends to growing whatever can be grown to advantage in this country, tests all novelties offered in this country or Europe, and is constantly striving, by selection and hybridization, to improve the leading varieties, and make our choice Iowa flower seeds just what we are striving for—the best in the world. All who truly love the beautiful, and prize all things new and valuable in the floral kingdom, will be interested in the following pages, and also in looking over the flower plant and bulb lists.

Our flower seeds are all fresh and we know they are unsurpassed. Quality is always the first consideration. Our mixtures are mainly made up by ourselves from named varieties, or from growing a large number of the best named varieties together, and will yield a better assortment than is commonly found. This year we list all the varieties alphabetically together. Annuals, biennials, perennials, climbers and everlastings but mention in the description what class they belong to if they are not annuals. The ornamental grasses are listed separately. This will make it easier to find any sort named.

OUR PRICES.—The cost of raising the various sorts of flower seeds varies greatly from such as mignonette, which we can grow a hundred pounds of at but comparatively only a few dollars expense, up to double petunia, which costs us over one hundred dollars per ounce, and some other kinds which are still more expensive. There are but few who care for more than one good sized bed of any sort, therefore we have filled our packets with a sufficient amount and made prices as low as possible, some being only two or three cents each, and we are certain customers will be well pleased with the quantity they contain.

DISCOUNTS.—In spite of our very low prices by the packet we still offer flower seeds in packets only to the amount of \$1.25 for \$1.00. This discount does not apply to collections of seeds nor to seeds by weight or measure.

DIRECTIONS FOR SOWING, ETC.—To insure success the conditions and requirements of the several species as to soil, moisture, heat, etc., should be studied and then observed in culture. Below we give a few general directions for their culture, though more complete directions will be found printed on many of the seed packets.

The soil best adapted to most flowers is light, rich loam, containing enough sand to make it porous. If there is some clay with it the colors will be brighter. Make the surface as smooth and fine as possible, sow seed in rows, covering each sort of seed in proportion to its size (a good general rule being to cover twice the diameter of the seed) and press the soil down firmly over it. Do not plant any seeds when the ground is wet. Many varieties, such as pansy, verbenas, daisy, hollyhock and the fine greenhouse plant seeds, should be sown early in shallow boxes in the house, in soil consisting of equal parts of fine sand and rich, mellow loam, well mixed together and sifted to remove all gravel and lumps. Sow as before directed. Covering the box with glass helps to retain the moisture and keeps the temperature even. Be careful not to keep them too wet, and as soon as they are large enough to handle transplant into boxes from one to two inches apart, where they are to remain until time to transplant to permanent beds. We will always be glad to answer any questions from our customers relative to the cultivation of any kind of plants.

NOVELTIES.—Our list contains all of the most desirable novelties, but instead of separating them we have placed them in alphabetical order with the others, and we believe our customers will find it more convenient for them in ordering. We have this year carefully revised all the descriptions, changing some of them after comparing with the flowers in the field, and we believe no more correct or complete list of desirable sorts can be found in any catalogue.

A NICE LAWN is easily obtained by sowing our Central Park or Evergreen lawn grass seed. It is vastly cheaper than sodding, and you are not bothered with weeds, which are in the sod. See price in grass seed department.

All flower seeds are sent free by mail on receipt of price.

Grandmother's Collection.

(Col. No. 7.)

Consists of 10 packets of the old-fashioned favorite flowers, our selection of varieties. Many of these are now beginning to come into favor again and will please young and old. Price 25c.

These collections are put up ready for mailing and cannot be changed or divided. We will furnish all three collections for 85c. They do not duplicate with each other.

Gem Collection.

(Col. No. 8.)

Consists of 10 packets of the latest flower novelties. Our selection, but very desirable and everybody will want them. Try this grand collection and you will be pleasantly surprised at the result. Price 50c.

Children's Collection.

(Col. No. 9.)

Of course the children will want a garden and we desire to encourage them and so offer 6 packets of easily grown flower seeds blooming the first year, our selection of sorts for only 15c.



ABRONIA.

Trailing habit similar to verbenas, bearing clusters of sweet-scented flowers. Effective for bedding in masses, and very desirable for rock work or hanging baskets. In beds sometimes one plant covers a yard square and is full of bloom. Best colors mixed. Pkt. 3c.

ABUTILON.

A handsome greenhouse plant. Fine mixed. Pkt. 25c.



ADLUMIA.

(Mountain Fringe). A beautiful hardy perennial vine, with fern-like foliage of a pale green color, with pretty flesh-colored blossoms. It is also called Alleghany Vine. Pkt. 10c.

ACROCLINIUM.

Elegant summer flowering annuals, forming plants about one foot high, bearing quantities of large double flowers of white, rose, etc., 1 to 2 inches across. Splendid everlastings for winter bouquets. Mixed colors. Pkt. 3c.



AGERATUM.

MEXICANUM.—Very desirable for bouquets; produces a great many blue flowers, and blooms a long time; largely used by florists; start seed early. Pkt. 4c.

ALBIFLORUM.—Like above, only white. Pkt. 5c.

ADONIS.

FESTIVALIS.—Brilliant scarlet. Blossoms throughout the season. Foliage is graceful and feathery. Height one foot. Pkt. 3c.

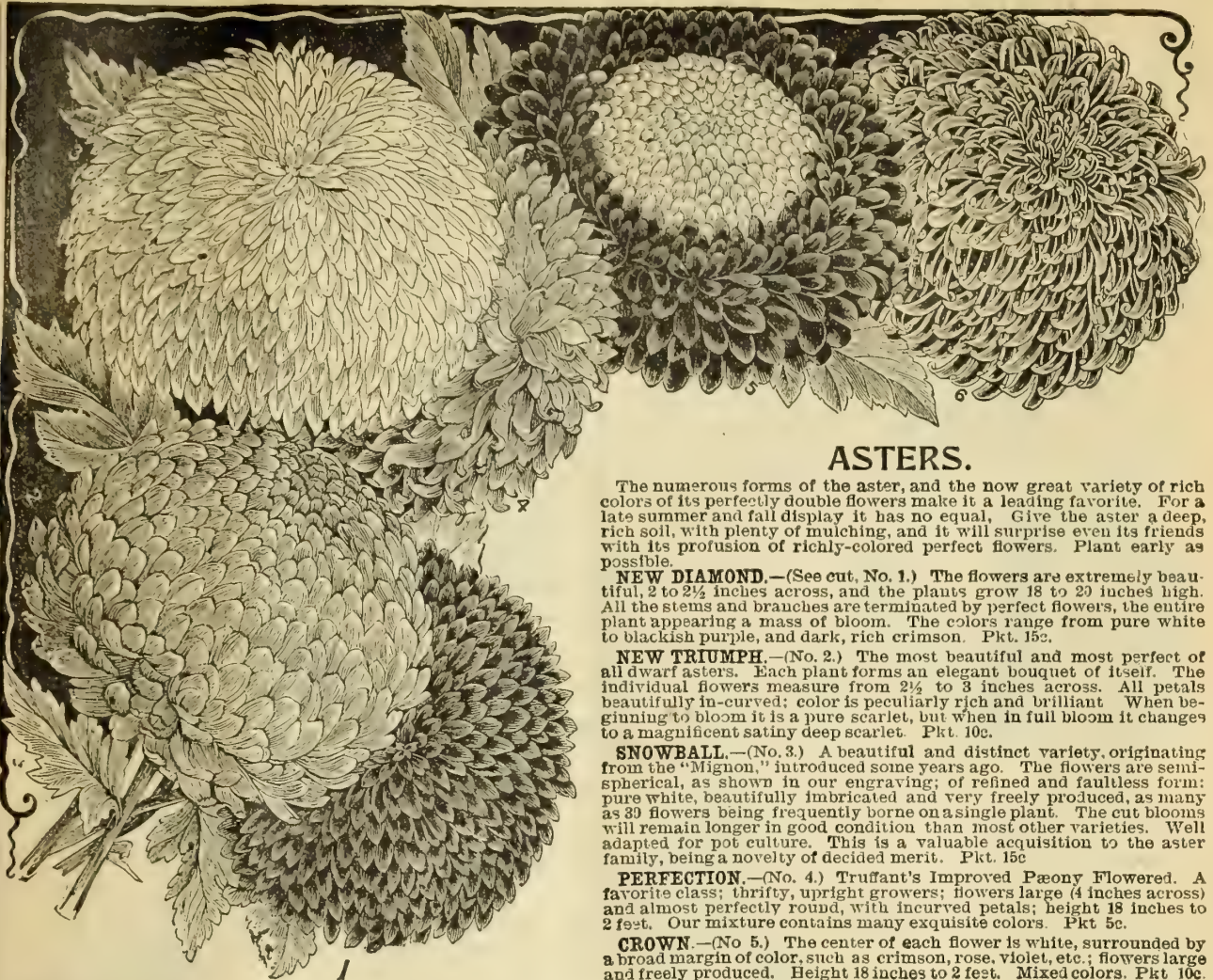


AGROSTEMMA.

A very hardy plant introduced from Russia, suitable for border plants.

COELI ROSA.—Perfectly hardy plants, producing pretty, pink-like blossoms on long slender stems. Very useful for cutting for bouquets, and pretty in masses in beds. Also known as Rose of Heaven. About 1½ feet high. Deep rose color. Pkt. 3c.

ALBA.—White; fine for cemetery. Pkt. 5c.



ASTERS.

The numerous forms of the aster, and the now great variety of rich colors of its perfectly double flowers make it a leading favorite. For a late summer and fall display it has no equal. Give the aster a deep, rich soil, with plenty of mulching, and it will surprise even its friends with its profusion of richly-colored perfect flowers. Plant early as possible.

NEW DIAMOND.—(See cut, No. 1.) The flowers are extremely beautiful, 2 to 2½ inches across, and the plants grow 18 to 20 inches high. All the stems and branches are terminated by perfect flowers, the entire plant appearing a mass of bloom. The colors range from pure white to blackish purple, and dark, rich crimson. Pkt. 15c.

NEW TRIUMPH.—(No. 2.) The most beautiful and most perfect of all dwarf asters. Each plant forms an elegant bouquet of itself. The individual flowers measure from 2½ to 3 inches across. All petals beautifully in-curved; color is peculiarly rich and brilliant. When beginning to bloom it is a pure scarlet, but when in full bloom it changes to a magnificent satiny deep scarlet. Pkt. 10c.

SNOWBALL.—(No. 3.) A beautiful and distinct variety, originating from the "Mignon," introduced some years ago. The flowers are semi-spherical, as shown in our engraving; of refined and faultless form; pure white, beautifully imbricated and very freely produced, as many as 30 flowers being frequently borne on a single plant. The cut blooms will remain longer in good condition than most other varieties. Well adapted for pot culture. This is a valuable acquisition to the aster family, being a novelty of decided merit. Pkt. 15c.

PERFECTION.—(No. 4.) Truffant's Improved Paony Flowered. A favorite class; thrifty, upright growers; flowers large (4 inches across) and almost perfectly round, with incurved petals; height 18 inches to 2 feet. Our mixture contains many exquisite colors. Pkt. 5c.

CROWN.—(No. 5.) The center of each flower is white, surrounded by a broad margin of color, such as crimson, rose, violet, etc.; flowers large and freely produced. Height 18 inches to 2 feet. Mixed colors. Pkt. 10c.

COMET.—(No. 6.)—The shape of this new variety differs from all others, resembling closely the large-flowered Japanese chrysanthemums. The flowers are from 3¼ to 4½ inches in diameter, perfectly double, many handsome colors mixed. Per pkt. 10c.

HARLEQUIN.—A new dwarf pyramidal strain of great beauty, with oddly spotted and striped very double flowers of red and blue, the same plant often having a great variety of flowers on it. Every one will be pleased with it, and it will always attract great attention. Per pkt. 10c.

VICTORIA.—This is a magnificent sort, 20 inches high, vigorous in growth, pyramidal in habit, very free blooming; flowers double to center; very large. Adapted for either garden or window culture. Very brilliant colors, mixed. Pkt. 10c.

DWARF GERMAN.—Mixed colors. Pkt. 10c.

PYRAMIDAL BOUQUET.—Very fine, mixed colors; each plant forms a bouquet. Pkt. 10c.

HEDGE HOG, OR NEEDLE.—Very peculiar, long quilled petals, handsome and sure to attract attention. Pkt. 10c.

NEW WASHINGTON.—The largest aster in cultivation, flowers often measuring four or five inches across; perfectly double, fine form, and of many exquisite colors. Plant is pyramidal and very free blooming; mixed colors. Pkt. 10c.

COLLECTION OF ASTERS.—One pkt. each of the 12 varieties named above 85c.

ALL KINDS MIXED.—Seeds of most of the varieties in above list. Pkt. 5c.

ONE
PACKET
..EACH..
OF THE
7 GRAND SORTS
NAMED ABOVE
FOR
50 Cts.



HARLEQUIN ASTER.

ALYSSUM.

SWEET.—Has pretty little white flowers, useful for making up in all kinds of small bouquets. Its fragrance while sufficiently pronounced, is very delicate. Makes a pretty border and is one of the best plants for a basket or pot. Pkt. 3c.

LITTLE GEM.—The plants are very dwarf and remarkably uniform in growth; grows only 3 or 4 inches high, and each plant spreads so as to completely cover a circular space 12 to 20 inches in diameter. The plants begin to flower while quite young and soon become one mass of white, remaining in full bloom from spring to fall. Deliciously fragrant. More than four hundred clusters of flowers in full bloom have been counted on a single plant. Pkt. 5c.



LITTLE GEM SWEET ALYSSUM.

AMARANTHUS.

Prized for variety of handsome foliage, whether grown in conservatory or garden. The colors will be more brilliant if planted in moderately rich soil. Should not be planted in the north before May.

TRICOLOR.—Leaves yellow, red and green; well known as "Joseph's Coat." Very showy in beds alone. Hardy annual; two feet high. Pkt. 3c.

STANLEY.—One of the finest of this showy class of annuals, which produces numerous stalks covered with long, thick panicles of crimson flowers. It commences to bloom shortly after sowing and continues until late in the fall. Height 15 inches. Pkt. 5c.

CAUDATUS.—(Love Lies Bleeding.) Produces long, drooping chains of brilliant colored flowers. Pkt. 3c.

CRUENTUS.—(Prince's Feather.) Pkt. 3c.

SALICIFOLIUS.—(Fountain Plant.) Handsome form, beautiful foliage; very desirable for centers of beds, borders or pot culture. Pkt. 7c.

MIXED VARIETIES.—Pkt. 5c.

AMPELOPSIS.

VEITCHII.—(Boston Ivy.) A good wall plant, clinging to the smoothest surface. Perennial and perfectly hardy. Pkt. 10c.



AMARANTHUS.

AMOBIMUM.

ALATUM GRANDIFLORUM.—Very hardy, everlasting, with pretty, double, white flowers. Useful for bouquets. Pkt. 4c.

ANAGALLIS.

Low growing plants with remarkably bright, handsome flowers; mixed varieties. Pkt. 10c.

ANTIRRINUM. (Snapdragon.)

One of the most beautiful and useful border plants, blooming profusely the first season from seed, until after frost. The roots may be carried through the winter with protection, and well repay for the trouble by the abundance of bloom through the entire summer. Our mixtures contain all the new and choice colors, including the beautifully striped, variegated and margined.

TALL VARIETIES MIXED.—Pkt. 5c



ANTIRRINUM.

TOM THUMB.—A collection of the most beautiful, very dwarf varieties; mixed colors. Pkt. 7c.

AQUILEGIA. (Columbine.)

Too much praise cannot be given to these elegant, free-flowering, and deservedly popular hardy plants, blooming profusely through the spring into early summer. Hardy perennial.

MIXED VARIETIES.—Pkt. 5c.

WHITE.—Blooms on Decoration Day. Very desirable for cemetery. Per pkt. 10c.

ARABIS.

ALPINA.—Among the earliest blooming plants, and very useful for rock work edgings, carpet bedding, etc. Flower pure white. Plant 9 inches high and a hardy perennial. Pkt. 10c.

ARGEMONE. (Prickly Poppy.)

Free blooming; flowers somewhat resemble the poppy. The foliage is large, pretty in form, and of a pleasant light green color. Mixed colors. Pkt. 3c.



ARABIS

ASPERULA.

AZUREA SETOSA.—A hardy, dwarf growing, little annual producing an abundance of small, light blue, sweet-scented flowers. Fine for bouquets. Pkt. 5c.

BALSAM.

Of the most beautiful of our annuals, and under the old names, *Lady Slipper* and *Touch-Me-Not*, has always been popular, but by the care and attention given it in the last few years, it has been greatly improved. The flowers are most brilliantly colored, very large and double as the rose; very striking in their rich coloring, ranging from pure



CAMELIA-FLOWERED BALSAM.

white to rich dark crimson.

CAMELIA-FLOWERED. MIXED.—Very double, resembling the camelia in form, of unusual size, perfect shape, and our mixture contains all the best colors. You will be greatly pleased with it. Pkt. 10c.

MAIDEN'S BLUSH.—A new variety of double balsam, which is of a very delicate and handsome bluish color. Pkt. 3c.

DOUBLE WHITE.—Very desirable, and largely used by florists. Pkt. 8c

PEERLESS MIXED.—This acme of perfection is made up from the best foreign and American strains, and their beauty is truly marvelous; flowers double as a camelia and of all known colors, and plants are loaded with hundreds of flowers. Pkt. 10c.

ALL VARIETIES MIXED.—Pkt. 5c.



REX BEGONIA.

BEGONIA.

SINGLE TUBEROUS-ROOTED.—Finest new single varieties mixed; flowers very large. Pkt. 15c.

DOUBLE MIXED TUBEROUS-ROOTED.—Pkt. 25c.

VERNON.—Comes absolutely true from seed. The plants grow rapidly and thrive amazingly under our hot summer sun. Per pkt. 15c.

REX.—Ornamental leaved varieties. Extra fine mixed. Pkt. 15c.

MIXED VARIETIES.—Many excellent flowering varieties. Pkt. 15c.

FOLIAGE BEETS.

One of the most effective foliage plants in existence, its leaves producing a wealth of tropical beauty. Its metallic, lustrous and glistening leaves equal any of the most expensive exotics and conservatory plants. Mixed colors. Pkt. 5c.



BRACHYCOME.

BRACHYCOME.

Also called "Swan River Daisy." Very pretty low growing plants, fine for borders, rustic work or pot culture, covered during summer with a profusion of cineraria-like flowers. Half-hardy annual. Mixed blue and white. Pkt. 5c

BROWALLIA.

ELATA.—Produces very delicate and handsome flowers in great abundance. Mixed. Pkt. 10c.

BALOOON VINE.

A very pretty and rapid growing climber, succeeding best in a warm situation. It produces a very curious inflated capsule from which it derives its name. Pkt. 5c.



BRYONOPSIS.

BRYONOPSIS.

A pretty climber, with ivy-like foliage and beautifully marked green fruit, which changes to bright scarlet marbled white. Half hardy annual. 15 feet. Pkt. 5c.

CALLIOPSIS.

Many of our most showy flowers are slighted because they are common and grow anywhere without trouble or care, almost like weeds. One of these is the calliopsis. Were it a new thing just introduced, it would be considered a novelty of rare excellence.

MIXED COLORS.—Produces flowers in nearly every shade of yellow, orange, crimson, red and brown. Pkt. 5c

GOLDEN WAVE.—

Plant very bushy and compact, reaching 2 feet in height, and covered from July to October with hundreds of beautiful golden blossoms, two inches in diameter, with small dark centers. It is indeed a wave of gold. Pkt. 8c.

CALENDULA.

Belongs to the well known marigold family.

OFFICINALIS LE PROUST.—Very double, hanken colored. Fine Pkt. 5c.

METEOR.—A new variety; very fine for pot culture, bearing large light yellow flowers, striped with bright orange. Pkt. 5c.

PLANCE OF ORANGE.—Similar to Meteor, but much darker. Pkt. 5c.



GOLDEN WAVE CALLIOPSIS.



ORIOLE.—The extra large double flowers are indescribably rich and glowing in tone, of an intensely bright golden yellow, wonderfully free flowering. Pkt. 10c.

FINE MIXED.—Pkt. 3c.

CAMPANULA.

SPECULUM.—(Venus' Looking Glass.) Handsome for masses; hardy, free bloomers. Double mixed. Pkt. 5c.

CUP AND SAUCER.—A beautiful variety. The bell is nearly four inches in diameter, presenting the form of a saucer, hence its name. The plant is of strong growth, quite as hardy and floriferous as the old blue variety, and is very elegant and handsome when in flower.



SPECULUM CAMPANULA.

ORIOLE CALENDULA.
the blossoms literally hiding the plant. Perennial. Pkt. 10c.

MACROSTYLA.—A very curious shaped, handsome large violet flower; remarkably fine. Pkt. 10c.

CANDYTUFT.

Universally known and cultivated and considered indispensable for cutting. All the varieties look best in beds or masses; hardy, easy to cultivate, and bloom profusely. Hardy annuals, 1 foot high.

SNOW QUEEN.—A new variety from southern Europe, grows rapidly, blooms early and remaining in full flower for about three months. The Snow Queen grows very regularly—each plant being almost an exact counterpart of every other. Valuable for ribbon beds or borders. Pkt. 8c.



CUP AND SAUCER CAMPANULA.

CANARY BIRD FLOWER.

One of the most beautiful of climbers, with delicate, finely cut foliage and curious bright yellow flowers resembling the canary bird in shape and color. Pkt. 10c

CANNA.

Fine foliage plants of a highly decorative character, their handsome leaves combined with their varied and richly colored flowers have an extremely fine effect. They are easily raised from seeds which should be soaked in hot water for several hours.



CANARY BIRD FLOWER.

MIXED VARIETIES.—Pkt. 5c, oz. 10c.

CROZY'S MIXED.—Very large flowering sorts. Choice mixed. Pkt. 10c.



SNOW QUEEN CANDYTUFT.

CANTERBURY BELLS.

One of the best known and most popular biennials. Produces an abundance of richly colored bloom.

SINGLE MIXED COLORS.—Pkt. 5c.

DOUBLE MIXED COLORS.—Pkt. 5c.

CELOSIA. (Cockscomb.)

One of the most beautiful flowers that can be grown in the open ground. Produce large, ornamental comb-like heads. For summer beds we know of nothing that will produce as showy and brilliant effects. Can be preserved for winter bouquets by cutting of the heads before they are ripe, and drying in the house.



CANTERBURY BELLS

GLASGOW PRIZE.—A very fine semi-dwarf variety, with large, brilliant crimson comb and very handsome dark foliage. Specimens grown on our place for seed measured 10 to 12 inches in diameter. Start seeds early. Pkt. 10c.

JAPONICA.—A very bright crimson variety, large and finely cut. Pkt. 5c.

PYRAMIDALIS PLUMOSA.—A very handsome feathered sort. The entire plant is of perfect pyramidal form if given room for development.

Flowers are of all shades of scarlet, crimson, yellow and pink. The stalks and leaves are also beautifully veined. Pkt. 7c.

ALL VARIETIES MIXED.—Pkt. 5c.



PYRAMIDALIS PLUMOSA.

CINERARIA.

HYBRIDA.—Very handsome greenhouse plants; fine mixed. Pkt. 20c.

MARITIMA.—Silver-leaved. Pkt. 5c.

CATCHFLY.

A very pretty and showy little plant. Mixed colors. Pkt. 2c.

CLEOME.

PUNGENS.—(The Giant Spider Plant.) Growing vigorously four or five feet high, flowering profusely and a perpetual bloomer and of a bright rose color. It is also one of the very best honey producing plants. Pkt. 5c.

CLIANTHUS.

DAMPEIRI.—A beautiful shrubby climber, grown mostly under glass, but does well out of doors in summer time. Flowers brilliant scarlet, growing in clusters. Pkt. 15c.

GIANT EMPRESS.—Very handsome either for pot plants or specimen plants in beds, where they excite the curiosity of visitors more than almost any plant that can be grown. The Empress is the finest and most gorgeous variety yet introduced. It is not uncommon for the heads of this variety to measure over twelve inches in breadth; very bright purple combs and dark bronze foliage. Pkt. 10c.

GOLDEN GLOW.—This is one of the most attractive novelties of the season. Plants large and produce many handsome flowers six to ten inches in diameter and of a most attractive bright, rich golden yellow color, different and more velvety than the yellow in any other flower that we know of. Try it. Pkt. 10c.



GIANT EMPRESS CELOSIA.

CENTROSEMA.

GRANDIFLORA.—Absolutely new to cultivation but one of the very best in actual merit. It is a hardy perennial vine of rare and exquisite beauty, which blooms early in June from seed sown in April, and bears in the greatest profusion inverted pea-shaped flowers from 1½ to 2½ inches in diameter, and ranging in color from a rosy violet to a reddish purple, with a broad feathered white marking through the center. It will bloom until frost, and if potted will flower freely in the house. One of the most attractive features is the way in which the flowers look up at you in the face. Every imaginative person sees faces in the Pansy, and this is even more suggestive in Centrosema. Therefore "Look at Me," is not a bad name for it. Pkt. 15c.

CACALIA.

COCCINEA.—A handsome free flowering little plant owing to the peculiar form of the flower, it is sometimes called Tassel Flower or Flora's Paint Brush. Scarlet. Pkt. 5c.



GRANDIFLORA CENTROSEMA.

CENTAUREA.

CYANUS.—Called Ragged Sailor, Corn Flower, Blue Bottle, Bachelor's Buttons and Bluet. A very old favorite garden annual, flowering freely in almost any situation; height, 2 to 3 feet. Mixed colors. Pkt. 3c.

CYANUS DOUBLE.—A most charming sport from the above, well shown in our illustration. Flowers very large and globular. A continuous bloomer, and becoming quite popular. Our mixture contains a great variety of colors. Pkt. 10c.

MOSCHATA.—(Sweet Sultan.) Mixed colors. Pkt. 5c.

MARGUERITE.—All who saw this grand new variety on our trial grounds the past season united in pronouncing it one of the handsomest novelties ever brought out. It is named after the lovely Queen Marguerite of Italy. Plants grow about eighteen inches high and are of the easiest culture. The large flowers are of



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MARGUERITE CENTAUREA.

CHRYSANTHEMUM.

One of the prettiest annuals grown. The colors have the appearance of being laid on with a brush, and for this reason they are frequently called "painted daisies," and are indeed charming. Sow seed early in open ground and they will bloom profusely all summer.

NEW DOUBLE ANNUAL.—A valuable and most unique novelty. They are extremely variable and it is impossible to describe the beautiful forms which have been produced, as conveyed by our engraving. A great variety of colors, markings and pencillings. Although mostly very double, there will be an occasional semi-double, or even single, but these are almost equally charming. Pkt. 10c.



CLARKIA.

INDICUM POMPON.—Double mixed. This is the most popular greenhouse variety. Very showy and desirable for fall and early winter blooming. Plants potted in the fall make a continuous bouquet for many weeks. Pkt. 10c.

MIXED VARIETIES.—Includes all the best. Pkt. 5c.

CLARKIA.

A very desirable hardy annual for bedding purposes; growing freely and blooming profusely in any common garden soil. Fine mixed. Double and single. Pkt. 3c.

COSMOS.

A magnificent race of plants growing about 4 feet high, and in fall literally covered with graceful flowers resembling single dahlias, but better for cutting. About 2 inches in diameter; rose, purple, flesh color, and pure white. As a cut flower for vases or personal wear, its grace and beauty is unequalled. Easily raised from seed; if sown early, blooms the first season. All colors mixed. Pkt. 10c.



NEW DOUBLE ANNUAL CHRYSANTHEMUM.

CUPHEA.

PLATYCENTRA.—(Cigar Plant.) Greenhouse plant, also makes a handsome border. Flowers of bright scarlet, tipped with black and white. Pkt. 15c.

PURPUREA.—Fine mixed. Pkt. 5c.

DOLICHOS.

LABLAB.—(Hyacinth Bean)—An excellent climber for fences and exposed places; mixed. Pkt. 5c.

DELPHINUM.

CHINENSIS.—(Perennial Larkspur). Well known and very desirable border plants, producing their flowers on long spikes. It is one of the best perennials grown. Will bloom first year if sown early out of doors. Eight beautiful colors mixed. Pkt. 5c.

DIGITALIS.

Fox Glove. Showy for back grounds and borders, and are beautiful when planted among shrubs. They thrive in any ordinary garden soil. Fine mixed colors. Pkt. 3c.

The Ladies Say.

We have used your seed several years and find no others equal to them. Your seed has come to stay.

MARY BOYER, Walton, Ky.

Seeds received in good shape. Thanks for extras.
JENNIE MILLER, Alchison, Kan.



DOUBLE CENTAUREA.

the purest white, deliciously scented, exquisitely lacinated, and freely produced on long stems which render them invaluable for cutting. The illustration does not do the flower justice, and gives but a faint idea of its exquisite beauty. Entirely different from all other flowering plants and sure to attract attention. Pkt. 10c.

CARNATION.

The finest of the dianthus or pink family; very fragrant. Our seed is unsurpassed.

MARGUERITE.—A decided novelty. The plants are of healthy and vigorous growth, and the flowers are produced in the greatest profusion. They run through quite a variety of colors, white, scarlet, carmine, rose, striped, purple, violet, salmon, etc. Seed sown under glass in March and transplanted to the open ground in May will commence flowering in August and will give an endless supply of their beautiful blossoms for a long time. The flowers are exceedingly brilliant in color, and the calyx does not burst. About 80 per cent of the plants will come full double. Pkt. 10c.

DOUBLE EXTRA MIXED.—Pkt. 15c.

SEEDS MIXED.—The one color sorts. Pkt. 10c.

PERPETUAL, OR TREE.—Pkt. 25c.

COLEUS.

One of the most popular foliage plants. It is very decorative in the flower border, and easily grown from seed, which frequently produces new and distinct varieties. Half hardy perennial. Pkt. 15c.



COLEUS.

COCKSCOMB. (See *Celosia*.)

COBOEA SCANDENS.

One of the most magnificent climbers, prized for its rapid growth (often twenty to thirty feet) and an abundance of beautiful blue flowers. The seed should be planted edgewise in moist earth—a pot or box is best—and water sparingly till plants are two or three inches high. Pkt. 10c.

WHITE.—New and elegant. Pkt. 10c.



MARGUERITE CARNATIONS.

CONVOLVULUS.

Popularly known as Morning Glories.

IMPROVED CLIMBING.—(Major) —Everybody knows the common morning glory, but many of the choice new varieties contained in this mixture are indeed rare. It will be found to include the marbled and striped sorts, varieties with marbled and laculated foliage, the ivy-leaved kinds—in short—the largest variety of morning glories ever offered in one package. Flowers of large size, and plants climb to a height of twenty to forty feet in one season from seed, producing thousands of flowers. Pkt. 7c, oz. 30c.

MAJOR STRIPED.—Large, handsome flowers of great beauty. On a white ground they are variously striped and blotched with red, blue



STRIPED CONVOLVULUS.

and rose. Pkt. 5c.

BLACK.—A new color, and surely none could be so odd and unique as black, the rarest color among flowers. It does not differ from the ordinary morning glory in any other respect. The flowers are of large size and freely produced. Pkt. 10c.

MAJOR MIXED.—Ordinary mixture. Pkt. 2c, oz. 10c.

MINOR.—(Dwarf Morning Glory)—These beautiful bush morning glories grow only about one foot high; the flowers are freely borne, and, if pleasant, remain open all day. The plant spreads with much regularity in all directions, and a bed of them is a beautiful object throughout the summer. Mixed colors. Pkt. 5c.

CYPRESS VINE.

A beautiful rapid climber, with delicate, dark green feathery foliage, and an abundance of bright, star-shaped scarlet and white blossoms, which in the bright sunshine present a mass of beauty.

NEW IVY-LEAVED.—Entirely distinct from all other varieties, both in flowers and foliage. The



CYPRESS VINE.

ivy-like leaves make a dense screen from which the pretty fiery orange-scarlet flowers stand out in countless numbers. It is quick growing and sure to please all who try it. Pkt. 10c.

SCARLET.—Very bright. Pkt. 5c.

WHITE.—Pretty in contrast with scarlet. Pkt. 5c.

MIXED COLORS.—Pkt. 5c.

CYCLAMEN.

PERSICUM.—One of the handsomest of greenhouse plants. Foliage is handsomely marked and the flowers beautiful. Seed should be sown under glass in well rotted compost and sand. Tuberos root, blooming second year. Best strain. Mixed colors. Pkt. 5c.



CYCLAMEN.

DAISY.

Popular perennials, blooming the first year from seed; very handsome for borders or pots; best double mixed. Pkt. 8c.

NEW GIANT SNOWBALL.—A most charming variety of this handsome little flower. It has unusually large, double flowers on very long stems, making it very valuable for cutting. Color, a pure snow white. Don't fail to give this little beauty a fair trial, and it will be sure to please you. Pkt. 15c.

DIAMOND FLOWER.

A very pretty little plant covered with numerous small shining flowers. Pkt. 10c.



GIANT SNOWBALL DAISY.



DATURA CORNUCOPIA

DATURA.

A large, strong growing plant, with trumpet-shaped flowers, and bearing blooms of large size.

CORNUCOPIA.—A magnificent novelty of striking beauty. The plant is of robust habit, about three feet high. The stems, of dark purplish maroon, shine as if varnished. The flowers average eight inches long by five inches across the mouth, are formed of two to three flowers growing one within the other, the interiors being glistening French white, contrasting beautifully with the mottled royal purple exteriors. The flowers are delightfully fragrant. Seeds started early in the house will produce plants that will flower from early summer until frost. Often from 200 to 300 flowers are borne in a season. For specimens in the garden, this novelty is extremely beautiful. Pkt. 10c.

NIGHTINGALE.—A very profuse large flowering sort of pure satiny white, very handsome flowers four or five inches in diameter and 8 to 10 inches long. Pkt. 10c.

DOUBLE VARIETIES MIXED.—Pkt. 5c.

DIANTHUS.

The dianthus, or Chinese pink, has long been a great garden favorite. It is, in



MOURNING PINK.

fact, one of our most useful plants, furnishing abundance of gay and pretty flowers until frozen in with the earth and covered by drifting snows. They live over winter and bloom as well the second year as the first. They are quite as pretty for pot plants in the house as carnations. Indeed, their variety of color is more varied and pretty, while they are freer bloomers. Plants from seed grow and bloom very quickly. We know we are doing our customers a kindness by urging them to plant the dianthus for both garden and pots.

MOURNING PINK.—A magnificent new variety, with very double large flowers of a very dark mahogany, almost black, each petal edged with a clear cut margin of pure white. Pkt. 10c.

HEDDEWIGI.—Finest selected single mixed. One of the most showy of the pink family. Pkt. 5c.



HEDDEWIGI.



NEW TOM THUMB DAHLIA.

DOUBLE DIADEM PINK.—Superb large double flower. Hieroglyphically marked, like the original Chinese pinks, in the middle down to the base of each petal; magnificent in color and variety. Pkt. 7c.

CHINENSIS.—(Double Chinese Pink)—Finest double mixed. Pkt. 3c.

LACINIATUS.—Double fringed, best mixed. Pkt. 7c.

IMPERIALIS.—Double imperial pink. Pkt. 5c.

MIXED VARIETIES AND COLORS.—Pkt. 5c.

BARBATUS.—(Sweet William)—An old favorite; hardy perennials; single mixed. Pkt. 5c.

CROWN OF PERFECTION.—The latest introduction and the handsomest of all. Very large and handsome flowers. Pkt. 10c.

DAHLIA.

The dahlia is well known, but few are aware that if the seed is sown early in the spring they will bloom the first year. The seed which we have to offer is of the finest strain, and produces magnificent, very double flowers of large size and richest shades. Pkt. 10c.

SINGLE MIXED.—Pkt. 7c.

NEW TOM THUMB.—A radical departure in the way of dahlias and is really beautiful. The perfect little plants, only twelve to fifteen inches high, are of a bushy habit of growth, and they come into flower very early. Scarcely three months after sowing the seed the plants will be fully developed and covered with showy, pretty flowers, which are produced in constant profusion and great variety the whole summer through. The range of color is something unusual; in many of the flowers the ground is white, with regular zones of magenta, crimson, purple, etc., while in others the ground is yellow or light rose, with charming contrasting variegations. The effect is vivid and striking, yet the blooms may be classed as most refined in their effect. See cut. Pkt. 10c.



EUPHORBIA VARIEGATA.

The range of color is something unusual; in many of the flowers the ground is white, with regular zones of magenta, crimson, purple, etc., while in others the ground is yellow or light rose, with charming contrasting variegations. The effect is vivid and striking, yet the blooms may be classed as most refined in their effect. See cut. Pkt. 10c.

EUPHORBIA.

VARIEGATA.—(Snow on the Mountain)—A large, robust-growing, hardy annual, with very ornamental green foliage striped with white. Pkt. 5c.

HETEROPHYLLA.—This novelty is an annual of the easiest culture, forming bushy plants three to four feet high, with glossy green fiddle-shaped leaves, which form at the ends of the branches into large whorls or bracts, among which small green flowers appear in summer, and immediately after the leaves commence to color up. The smaller bracts among the flowers are brilliant orange scarlet. Large surrounding



EDELWEISS.

ing leaves soon become blazed with darker, fiery scarlet, so that only a tip of green is left. As these colored bracts almost cover the plant, the effect is indescribably grand. Pkt. 10c.

EDELWEISS.

The flowers are pure white, star-shaped, and of a downy texture. This is the true edelweiss of the Alps, well known and so much prized by tourists in Switzerland. Pkt. 15c.

ESCHSCHOLTZIA.

California poppies. Showy summer flower plants; large saucer-shaped flowers of striking brilliancy in the sunlight. They flower profusely throughout the season.

SINGLE.—Mixed colors. Pkt. 5c.

DOUBLE MIXED.—We believe the double form of this flower will prove very satisfactory to all flower lovers. Pkt. 10c.



ESCHSCHOLTZIA.

FREESIA.

REFRACTA ALBA.—Bears peculiar clusters of white flowers of the most delicious fragrance, which lasts a long time, even after being cut. Start seeds early, bulbs dry off in summer. Start them growing in the house in October and you will be pleased with them. Easily grown. Pkt. 10c.



FREESIA.

greenhouse plants. Easily grown from seed. Finest double and single mixed. Pkt. 15c.

FERNS.

Fine mixed varieties. Pkt. 15c.

FOX GLOVE.

See *Digitalis*.

FEVERFEW.

See *Matricaria*.

FUCHSIA.

HYBRIDA.—Well known



FUCHSIA.

showy plants, one to two feet high. Grown in masses they are especially effective; large flowers, two or three inches across, produced from early summer until frost. Unrivaled for cutting.

LORENZIANA.—New double. One of the finest annuals grown for bedding and cutting. Pkt. 8c.

PERFECTION.—An improvement on the above sort, producing very double flowers as round as a perfect ball in the most varied and pleasing colors. The flowers are borne on long, slender stems and when cut will keep for over a week. Pkt. 10c.

ALL VARIETIES MIXED.—Pkt. 3c.

GOURDS.

Useful for covering fences, arbors or old trees or stumps, greatly admired for their curiously shaped and colored fruit.

CALABASH OR DIPPER.—Pkt. 5c.

HERCULES' CLUB.—Pkt. 5c.

NEST EGG.—Used largely for nest eggs. Pkt. 5c.

DISH CLOTH.—Pkt. 10c.

SUGAR TROUGH.—Pkt. 5c.

ALL VARIETIES MIXED.—Includes a great many handsome varieties of odd shapes and colors. Pkt. 5c.

GERANIUMS.

These favorite plants are easily raised from seed, which will frequently reward the cultivator with charming new varieties.

Plants from seed started early in the house, will bloom the first summer in the garden. Seed is saved from the best varieties, mixed. Try it. Pkt. 10c.



GLADIOLUS.



GAILLARDIA.

Plants from seed started early in the house, will bloom the first summer in the garden. Seed is saved from the best varieties, mixed. Try it. Pkt. 10c.



GERANIUM.

PERFECTED

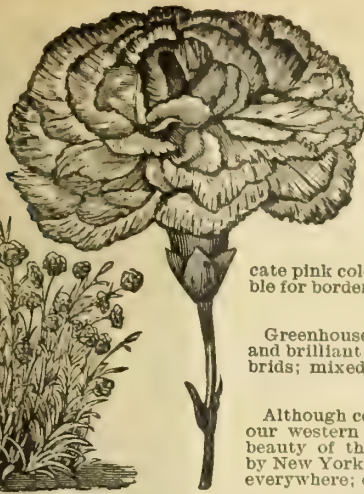
Sweet Peas.

Nothing is handsomer than a nice hedge of Sweet Peas, and the beauty of it is that the more you pick, the more come. We want all our customers to plant them liberally next spring, and so offer this mixture of the best large flowering varieties made up from named sorts at per pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 85c.

FINE MIXED.—Per pkt. 2c, oz. 5c, ¼ lb. 15c, lb. 50c.

Grass

Pink.



GRASS PINKS.

The hardy and pretty clove-scented flowers which our grandmothers loved. Their fragrance is quickly noticed by any one passing by the yard where they are grown, before seeing the flowers. There has been quite a call for these among our customers, and for several years we have tried to obtain seed of this old garden favorite and have at last succeeded in obtaining a fine crop of seed. The flowers range from pure white to a dark pink, most of them, however, being a clear, delicate pink color. A hardy perennial, very desirable for borders. Per pkt. 5c.



NEW JAPANESE VARIEGATED HUMULUS.

GILIA.

Profuse coming and handsome dwarf annuals for massing in flower beds; flowers borne in clusters; plants six to twelve inches high.

TALL VARIETIES.—Mixed. Pkt. 4c.

DWARF VARIETIES.—Mixed. Pkt. 4c.

GYSOPHILA.

ELEGANS.—Very handsome small flowers, produced in loose panicles in great abundance. Fine for bouquets, also much used dried for winter bouquets. Mixed. Pkt. 5c.

GLOBE AMARANTH.

"Bachelor's Buttons," and the "amaranth" of the poets. They are annuals, forming bushy plants about two feet high, and bearing sometimes several hundred flowers of purple, white, striped, etc. Very ornamental as summer-blooming plants, and for everlasting indispensable. Mixed colors. Pkt. 5c.



GLOBE AMARANTH.

or four feet high, forming a perfect pyramid. The leaves are long and densely covered with long white hairs which give it a peculiar shining, silvery appearance. The flowers are a clear golden yellow, three to four inches across, with small, dark brown centers. Very desirable for a hedge, or as a specimen plant for center of beds. Early in the morning while covered with dewdrops it is really magnificent. Pkt. 10c.

PEERLESS MIXED.—A splendid assortment of fifteen of the best varieties grown together on our grounds. Includes some which are both curious and desirable. Pkt. 5c.

GLOBOSUS FISTULOSUS.—Double, the best of the tall varieties. Pkt. 5c.

NANUS.—A true double dwarf, quite pretty. Pkt. 5c.

MAMMOTH RUSSIAN.—Largest of all. Oz. 5c, lb. 40c.

HYACINTHUS.

CANDICANS.—Throws up flower stalks three to four feet high with beautiful white, drooping flowers; fine for mixing in beds of gladiolus; blooms second year. Pkt. 5c.



GILIA.



HELIOTROPE.

bloom in summer, and may then be carefully potted and cut back for winter blooming. All should try raising these from the seed and obtain a nice variety. Pkt. 10c.

HELIOTROPE.

A great favorite with all lovers of flowers for their beauty and fragrance; well suited for beds or borders, where they will winter blooming. All should try raising these from the seed and obtain a nice variety. Pkt. 10c.

GODETIA.

Handsome and showy annuals about one foot high, of dwarf, compact growth bearing freely large flowers three to four inches across, of exquisite colors and shades that glisten in the sunlight like satin.

LADY SATIN ROSE.—The flowers, produced in remarkable abundance, are of a brilliant deep rose pink, the surface shining like satin. Pkt. 8c.

MIXED VARIETIES.—All colors. Pkt. 5c.

HELIANTHUS. (Sunflower.)

Some varieties of this well known plant are very ornamental, and are effective in proper situations, in large shrubby borders or as screens

SILVER LEAVED.—But few who see this splendid new plant would imagine that it was a sunflower. It grows three



GODETIA

HOLLYHOCK.

No garden flower is more showy or more admired. The plants are stately in appearance, the flowers brilliant in color, and delicate in texture. Blooming plants can be raised the first year as easily as plants of zinnia or marigold. All that is necessary is to start the seeds in a box in the house in February or March. About May 1st transfer to permanent place in garden where they will produce elegant spikes of flowers in August and September, and blossom freely the second year also. Our seed is the best obtainable.

DOUBLE PURE WHITE.—Large, clear, pure white flowers about three inches in diameter. They are as handsome as camellias in cut flower work, and are highly valued by florists. Pkt. 10c.

CHATER'S SUPERB MIXED.—An unequalled mixture of seventeen prize varieties, including all colors and shades known. Pkt. 15c.

FINE MIXED.—Contains a good variety. Pkt. 5c.



HOLLYHOCK.

HELICHRYSUM.

This is probably the most valuable of all everlasting. Its large flowers are perfectly double and of the most brilliant colors. Cut the flowers when they first begin to expand and dry with stems straight.

MONSTREOUS.—Mixed colors. Pkt. 5c.

HIBISCUS.

A branching plant of the easiest culture, with rather pretty foliage, and large exceedingly showy blossoms. Hardy annual, 2ft. high.

AFRICANUS.—Cream colored blossoms, purple in the center. Pkt. 3c.

CRIMSON EYE.—A robust grower, with dark red stems and foliage. Flowers of immense size, often measuring 20 inches in circumference, pure white, with a large spot of deep velvety crimson in the center. Blooms first year from seed sown in open ground. Succeeds well anywhere. Pkt. 10c.



HELICHRYSUM.

IPOMOEA.

A large class of plants to which belong many of our best and most popular climbers. They are very rapid and luxuriant growers, and especially adapted to warm, sunny situations in the garden, for covering porches, trellises, etc.

SETOSA.—The beautiful Brazilian Morning Glory, which has attracted so much attention. It is one of the grandest and most luxuriant plants ever grown, very showy and graceful, with rose-colored flowers from three to four inches in diameter and a huge leaf ten to twelve inches across. The density of the shade is remarkable, as the leaves overlap each other like shingles on a roof. Large seed pods, with the short reddish hairs on the stems, make it unusually ornamental and attractive. Pkt. 10c.

GRANDIFLORA HYBRIDA.—The Moon Flower. One of the grandest of summer climbers, growing 25 to 40 feet high, and covered nightly and on dull days with beautiful white, moon-like flowers from five to six inches in diameter. It has a rich jessamine-like odor. Pkt. 10c.

LEARI.—The Blue Moon Flower. This distinct and charming novelty is valuable on account of being in beautiful and striking contrast with the true White Moon Flower described above: habit of growth and flowering the same. The color is exquisite, clear, satiny blue, with well-defined crimson bars; very distinct. We recommend planting the Blue Moon Flower along with the White one, as the effect will be novel and attractive. Pkt. 10c.



MOONFLOWER.

LARKSPUR.

An old and well known hardy annual. The flowers are borne in compact spikes and are showy and desirable for any situation. Sow early in open ground.

AMERICAN BANNER.—The handsomest flower in the entire catalogue. The name, American Banner, was given it because it is the only flower we know of which combines the national colors, red, white and blue, in each flower. Plants grow to a height of about two feet, and are fairly loaded with long spikes of double striped and blotched flowers. Pkt. 10c.

DWARF GERMAN ROCKET.—Mixed colors. Pkt. 5c.

TALL GERMAN ROCKET.—Mixed colors. Pkt. 3



ROCKET LARKSPUR.

HEAVENLY BLUE.—The foliage is very large, heart-shaped, thick and light green; flowers four and a half to five inches across in large, airy clusters, and of that indescribable heavenly blue so rarely seen in flowers. The throat is yellow inside, spreading softly into the blue. Pkt. 20c.

ICE PLANT.

A handsome and curious plant for hanging baskets, rock work and vases. The leaves and stems appear as though covered with ice crystals. The whole plant is peculiarly brilliant in the sunshine. The flower is white. Pkt. 5c.

LANTANA.

Greenhouse perennial; makes a fine bedding or pot plant; easily grown from seed. Best mixed colors. Pkt. 15c.



ICE PLANT.

LATHYRUS.

LATIFOLIUS.—(Perennial Peas.) Handsome free-flowering plants, growing five to ten feet high, dying down to the ground every winter, and starting up again in the spring. Fine mixed. Pkt. 5c.

MAURANDIA.

Delicate climbers for windows or conservatories, or open ground in summer. Admirable to hang from vases, to cover stumps and low trellises, flowering freely; height 6 to 10 feet. Mixed colors. Pkt. 10c.

LUPINUS.

Commonly called Sun Dials. Flowers of very bright colors, produced in spikes. A fine plant for bedding. Mixed varieties. Pkt. 5c.

LYCHNIS.

HAAGEANA HYBRIDA.—Very desirable hardy perennial, blooming the first year if sown early. Mixed, white, pink and scarlet. Pkt. 8c.

LINUM.

(Flowering Flax.) One of the most showy annuals in cultivation for flower beds and masses: brilliant crimson scarlet flowers one inch across, borne in wonderful profusion. Height one foot. Pkt. 5c.

MATRICARIA.

CAPENSIS.—(Double Feverfew)—This may be called everybody's favorite. A splendid bedding plant and one of the best to pot for winter flowers; pure white. Pkt. 5c.

GOLDEN.—See Pyrethrum.

MIMULUS.

(Monkey Flower.) Very showy and free flowering. The hardy kinds are well suited for outdoor culture. Any common soil suits. Mixed varieties. Pkt. 10c.

MOSCHATUS.—The well known musk plant, quite pretty and has a strong musk fragrance. Pkt. 10c.

LOBELIA.

Handsome trailing plants, profuse bloomers; elegant for baskets, vases and borders. All sorts mixed. Pkt. 6c.

POPPIES.

This grand old flower has kept pace with the march of improvement, and now comes around and surprises us with its new forms, new sizes, new colors, and the dear old flower which our grandmothers loved so much, again occupies one of the first places in our gardens. We are proud of it, and well we may be, for through June and July it stands without an equal, the showiest of all annuals.

BRILLIANT.—Of very strong, robust growth. The flowers present a variety of bright colors; pure white, scarlet, rose, purple and various other shades. The ends of the petals or fringes are of a deeper tint than the rest, and are so bright as to be almost dazzling to the eye. Pkt. 10c.

ROSY MORN.—Flowers extremely double and of good size, forming perfect balls of a beautiful, unique shade of rose—an entirely new and distinct color in poppies. Pkt. 10c.

SHIRLEY.—A new single. In color from the purest white through the most delicate shades of rose and pink and carmine to deepest crimson. Pkt. 5c.

FAIRY BLUSH.—Flowers perfectly double and measure from ten to thirteen inches in circumference. The petals are elegantly fringed and pure white, tipped with rosy cream. Pkt. 10c.

AMERICAN FLAG.—Flowers extra large, very double, snow white bordered with scarlet. Pkt. 10c.

PAPAVER UMBROSUM.—Flowers rich, glowing vermilion, with a deep, shining black spot on each petal. Pkt. 5c.

GIANT NANKEEN YELLOW.—A superb new poppy. It is a vigorous grower, the perfect peony-shaped flowers—truly giant—are borne in constant succession for a long season, on erect, strong stalks; stands out as a grand novelty the nearest approach to yellow in this class of poppies. Pkt. 10c.

DOUBLE CARNATION.—A splendid assortment of the best double carnation-flowered sorts. Will make an attractive bed. Pkt. 5c.

ALL VARIETIES MIXED.—Pkt. 5c.

BLUETS, OR "QUAKER LILY."

One of the prettiest little wild flowers in central Pennsylvania, but very little known away from there. As soon as spring sets in it opens its bright little

flowers and continues blooming profusely until the middle of June, the plants fairly carpeting the ground and presenting perfect masses of bloom. The flowers are bell-shaped, color light blue with a yellow center. Does better in half shady positions. It grows readily from seed, blooms the first season and is quite hardy, Per pkt. 10c.



BLUETS.



LOBELIA.

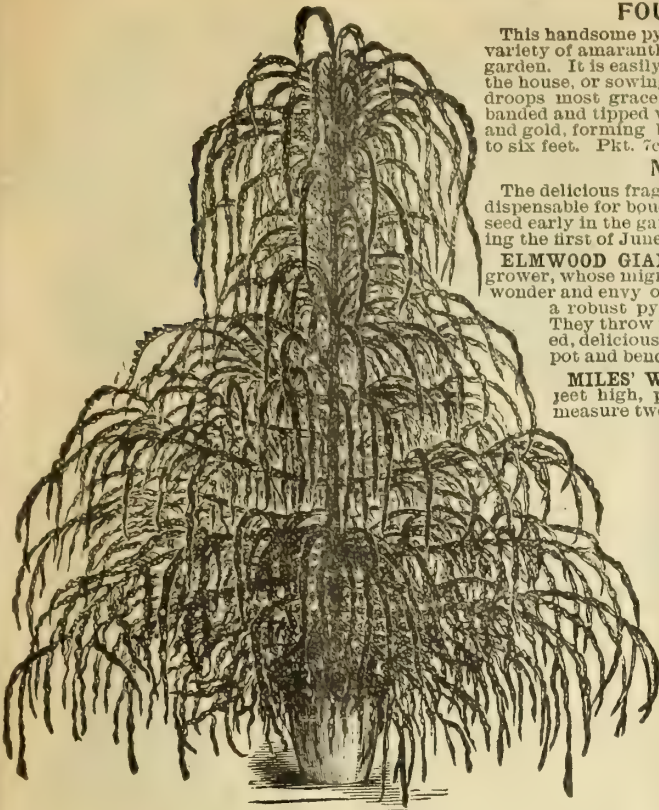


BRILLIANT POPPY.

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W.A.B. & CO.

FOUNTAIN PLANT.

This handsome pyramidal or fountain-shaped plant is a variety of amaranthus which deserves a place in every garden. It is easily grown by starting the seeds early in the house, or sowing them in the open ground in May. It droops most gracefully, and the leaves are brilliantly banded and tipped with orange, carmine, purple, crimson and gold, forming bright colored plumes. Height three to six feet. Pkt. 7c.



FOUNTAIN PLANT.

MIGNONETTE.

The delicious fragrance of the Mignonette makes it indispensable for bouquets and cutting. It is best to sow seed early in the garden, and they will commence blooming the first of June.

ELMWOOD GIANT.—A special selection of a famous grower, whose mignonette spikes have always excited the wonder and envy of his competitors. The plants are of a robust pyramidal habit; fine, healthy growers. They throw up very large spikes of a reddish-tinted, deliciously fragrant flowers. Unsurpassed for pot and bench culture. Pkt. 10c.

MILES' WHITE SPIRAL.—Grows two or three feet high, perfectly erect, spikes of bloom often measure twelve inches long. It is very showy in growth, and the grand spikes of bloom can be seen for a long distance, and attracts the attention of everybody. Pkt. 5c.

MACHET.—An entirely new and distinct sort of great merit. It is of dwarf and vigorous growth, and throws up numerous stout flower stalks, terminated by massive spikes of deliciously scented red flowers. Pkt. 7c.

GABRIELE.—A handsome new variety, the tallest of any. Strong, robust habit, bearing large spikes of red flowers. Very distinct. Pkt. 8c.

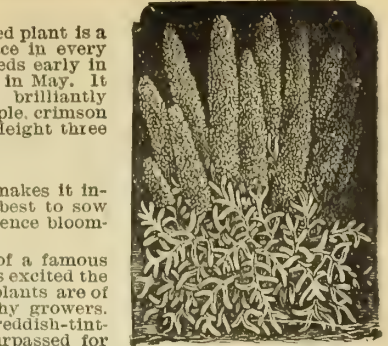
GOLDEN QUEEN.—A very distinct new variety, with bright golden flowers. Pkt. 3c.

SWEET SCENTED.—The old favorite. Pkt. 2c. oz. 20c.

MUSA ENSETE.

(Banana Palm.)

One of the grandest and most picturesque of the banana family. As a solitary plant or in groups on the lawn, it has a majestic tropical effect. The leaves are very long and broad, of a beautiful green with crimson midrib in striking contrast.



MILES' WHITE SPIRAL.



MACHET MIGNONETTE.

An occasional application of liquid manure and frequent watering are necessary. The rapidity of its growth is astonishing. Packet of 5 seeds 20c.

MYOSOTIS. (Forget-me-not.)

Perennials. Bloom first year from seed. Pretty plants, with neat little star shaped flowers.

ALPESTRIS.—Mixed colors. Pkt. 5c.

PALUSTRIS.—True forget-me-not, blue. Pkt. 10c.

VICTORIA.—A novelty, and the best variety for pot culture. Dwarf, globular habit; beautiful sky-blue flowers with double center. Pkt. 10c.

NICOTIANA.

AFFINIS.—Of all the varieties of tobacco which are grown for their sweet scented flowers this is the best. The plant is literally covered with large, white, star shaped flowers, which, after being cut, will remain perfect for a week. A few plants will perfume the whole yard or garden. Pkt. 8c.



MUSA ENSETE.

shaped flowers, which, after being cut, will remain perfect for a week. A few plants will perfume the whole yard or garden. Pkt. 8c.

NIGELLA

(Love in Mist)

Hardy annuals, about one foot in height, finely cut leaves and handsome flowers. Blooms early. A very pretty flower, and one all our customers should try. It is sure to please. The flowers are double and of all shades of blue, white and purple. Pkt. 4c.



NIGELLA.

MARIGOLD.

These annuals are old favorites in our gardens, but have been greatly improved recently in size and doubleness of flowers. They are very effective for groups and masses.

AFRICAN.—Double mixed, largest. Pkt. 4c.

DWARF FRENCH.—Double mixed, best. Pkt. 5c.

MARTYNIA.

Fine summer blooming garden plants, with gloxinia-like flowers of many handsome colors, followed by curiously horned fruits. Sometimes called Devil's Claws. When young these seed pods are very nice for pickling. Pkt. 5c.

MIRABILIS.

The Marvel of Peru, or Four-o'clock, is as easily grown as a weed, and yet is one of the most brilliant and showy of annuals. Planted in beds or masses, their compact growth, rich glossy leaves, together with their profusion and diversity of bloom, presents a gorgeous sight during the afternoon.

NEW TOM THUMB MIXED.—Very handsome, compact, dwarf, bushy plants, with elegant, golden-variegated foliage; numerous brilliant flowers, pure yellow, deep red, and striped and blotched. Pkt. 5c.

MIXED COLORS AND VARIETIES.—Pkt. 3c.



MARIGOLD.

the most brilliant and showy of annuals. Planted in beds or masses, their compact growth, rich glossy leaves, together with their profusion and diversity of bloom, presents a gorgeous sight during the afternoon.

NEW TOM THUMB MIXED.—Very handsome, compact, dwarf, bushy plants, with elegant, golden-variegated foliage; numerous brilliant flowers, pure yellow, deep red, and striped and blotched. Pkt. 5c.



TOM THUMB MIRABILIS.

A VALUABLE ASSISTANT
FREE!
 THE WESTERN GARDEN, a monthly magazine devoted to flower growers, will be sent you one year free if you send us order for seeds amounting to \$1.00 or more, asking for no other premium or discount.



NICOTIANA.



IMPERIAL NASTURTIIUMS MIXED.



COLLECTION OF DWARF **Nasturtiums**
One packet each of the 8 named varieties for 35c

NASTURTIIUMS.

These may well be classed among our most showy and handsome annuals. They are of very easy culture, and make a continuous show of bloom. Excellent for corsage bouquets. The following are the best varieties, which all should try:

CLOTH OF GOLD.—Foliage is a clear bright yellow. The plant is of dwarf, compact habit, flowers scarlet. Pkt 7c, oz. 30c.

LADY BIRD.—Of dwarf, neat compact habit of growth. Flowers rich golden yellow, each petal barred with a bright vein of bright ruby crimson. Pkt. 7c, oz. 30c.

EMPRESS OF INDIA.—Of dwarf, bushy habit, the leaves of a dark, purplish blue color, making a suitable background for the brilliant crimson-scarlet flowers. Its profusion of bloom and dazzling richness of color are remarkable. Pkt. 5c, oz. 25c.

AURORA.—A magnificent variety of new color. The plant forms a perfect globe, and is literally covered with flowers, completely hiding the foliage when in full bloom. The flower is of deep chrome yellow, the two lower petals blotched with purplish carmine and marked with bright carmine veining. Pkt 5c, oz. 30c.

CHAMELEON.—The flowers of this new Tom Thumb nasturtium are in color crimson, bronze and gold, bordered and flamed, changing in hue almost daily, hence named "Chameleon." Pkt. 7c, oz. 35c

CRYSTAL PALACE GEM.—Dwarf; sulphur color, spotted with maroon; very handsome. Pkt. 5c, oz. 20c.

PEARL.—A most charming dwarf white variety. Pkt. 5c, oz. 30c.

KING THEODORE.—The darkest color known in nasturtiums—deep scarlet-maroon. Pkt. 5c, oz. 25c.

IMPERIAL MIXED.—Includes about twenty of the dwarf varieties, selected from both American and foreign growers; this when planted in beds, produces a mass of colors. Pkt. 5c, oz. 25c.

DWARF VARIETIES MIXED.—Pkt. 3c, oz. 15c.

CLIMBING NASTURTIIUMS.

KING OF THE BLACKS.—A very handsome climbing variety, with flowers of a very rich dark brown, almost black. Pkt. 5c, oz. 30c.

NAPOLEON III.—A beautiful climbing variety, with golden yellow flowers striped with rosy scarlet. Pkt. 5c, oz. 30c

GEANT DES BATAILLES.—A climber with brilliant flowers. Pkt. 5c, oz. 20c.

TALL VARIETIES MIXED.—Pkt. 3c, oz. 15c.

OENOTHERA. (Evening Primrose.)

An interesting half-hardy annual, opening its flowers toward evening with a snap that is sure to attract attention, especially of the children. Mixed colors. Pkt. 8c.

OXALIS.

Handsome basket plant, summer or winter; fine for rockeries. Pkt. 10c.

Notice the Gem Bulb Collection on page 87.



EMPRESS OF INDIA.



PERILLA.

IOWA SEED CO.'S SINGLE AND DOUBLE PETUNIAS.

Surely there is no garden complete without a bed of elegant petunias. They commence flowering early, and continue a mass of bloom throughout the whole season until killed by frost; easily cultivated, requiring rich soil and a sunny situation. Of late years the single striped, mottled and double varieties have been greatly improved, and the above cut gives but a faint idea of their great variety and beauty. The double varieties require more care and should be started in the house.

GRANDIFLORA MIXED.—Very large, elegant flowers; a great improvement and fully twice the size of the old sorts, with the most beautiful shades of crimson, white, rose, maroon, etc., blotched, striped, veined, bordered, marked and fringed. Pkt. 15c.

DOUBLE INIMITABLE.—A splendid mixture. Our seed is Benary's best, and will produce a large percentage of fine double-flowering plants. Pkt. 25c.

SINGLE FRINGED.—A choice mixture of the handsome fringed sorts. Pkt. 15c.

NANA COMPACTA MULTIFLORA.—Forms dense little bushes five to eight inches high, studded with regularly striped flowers. Very effective, either in masses or in pots. Pkt. 10c.

GIANT FANCY FLOWERING.—A grand new strain and the most beautiful of all. Flowers of immense size and of a great variety of markings and veining of the most charming colors. If you like beautiful petunias, don't fail to include this in your order. Pkt. 20c.

FINE MIXED.—The best of the older sorts, carefully mixed. Contains some extra fine striped and blotched varieties. Pkt. 5c.

PERILLA.

NANKINENSIS.—Has a broad, serrated leaf, of purplish mulberry color, and eighteen inches or more in height. Very desirable for the center of a bed of ornamental-leaved plants, and also for a low screen or hedge. Pkt. 8c.

PORTULACA.

GRANDIFLORA SINGLE MIXED.—This old favorite is brightest in the hot, dry weather when other flowers are drooping. They are of almost every conceivable shade of color, and will make one of the brightest spots in the garden. Large flowered. A splendid mixture. Pkt. 4c.

DOUBLE MIXED.—Very handsome, double as a rose, and contains a color and shading unknown in the single. Our seed is extra choice and will produce sixty to seventy-five per cent of flowers as double as the most perfect rose. Pkt. 10c



DOUBLE PORTULACA.

PRIMULA.



PRIMULA.

SINENSIS.—(Chinese Primrose.)—Well known and popular winter bloomers. Splendid mixed colors. Pkt. 25c.

BEST DOUBLE MIXED.—Pkt. 50c.

FIMBRIATA MIXED.—Fringed. Pkt. 40c.

ELATIOR.—(Polyanthus)—Pkt. 10c.

PANSIES.

These little beauties need no extended description, as it would be hard to find even a child in the land whose heart has not been gladdened by their bright faces. Pansies like a moist, rather shady location and rich soil. Should be watered freely in dry weather. Seed started in February or March will produce early spring flowers. The largest flowers are always produced on plants which come into bloom in the autumn. Pansies are a specialty with us, and we use the greatest care in growing, selecting and importing the best strains of these universal favorites. All should try our new varieties.

THE PEACOCK.—This fine new variety has been named the Peacock because the upper petals of the flower most nearly resemble, in color, the peculiar shade seen only in the feather of the peacock, a beautiful ultra-marine blue. The petals are edged with a thin white line, within which it is a purplish crimson, passing into a rich central blotch of deep blue, shading to black. *The Gardeners' Magazine*, (London, Eng.), says: "The coloring is truly delicious." Pkt. 10c.

VAUTIER'S MAMMOTH PANSY.—This strain of enormous pansies has been raised and perfected for twenty years by Chas. H. Vautier, one of our most experienced growers. In size and perfect form they rival anything heretofore introduced. The flowers measure two and a half to four inches across, of most perfect form, circular in shape; the plants being bushy and compact, and flowering profusely. The colors are rich and varied, embracing all the fancy spotted and striped and self-colors. Don't fail to include this in your order. Pkt. 20c.

FIRE KING.—This novelty comes almost absolutely true, scarcely a plant bearing flower at variance from the type, which is very distinct and striking. The three lower petals each have a large blotch of deep brown-red or magenta margined with yellow, while the upper petals are of a bright red, of a really fiery shade, warranting the name of Fire King. Pkt. 10c.

CASSIER'S GIANT ODIER.—The flowers, of immense size, are of the popular Odier type being all three-spotted or five-spotted on backgrounds of very rich colors. The flowers of the Cassier's are of good substance and fine form, while the plants are of neat, compact growth. Pkt. 20c.

GIANT TRIMARDEAU.—An altogether distinct and beautiful class of pansy, the flowers of which are of very large size; some have measured four inches in diameter. Each flower is marked with three large blotches or spots, and stands well above the foliage. Choice mixed colors. Pkt. 15c.

LORD BEACONSFIELD.—New, large flowers of deep purple violet, shading off in the petals to a white hue. Pkt. 10c.

GOLDEN TRIMARDEAU.—Has the large size of the Giant Trimardeau, but is of a rich golden yellow. Remarkably handsome and showy variety. Pkt. 20c.

MAMMOTH BUTTERFLY.—A strain of pansy which for variety and beauty has never been excelled. Of matchless forms, colors and markings, with flowers half as large again as ordinary pansies. They will both astonish and delight "pansy fanciers." There is a great variety of colors and peculiar markings, reminding one of the varied hues of the butterfly. Pkt. 15c.

GIANT BUGNOT.—This is one of the finest strains of pansies in existence. The flowers are of enormous size, perfectly round, of great substance and of the most varied and attractive markings and colors; each petal bears a blotch that runs out in delicate veins to the edge of the petal. Pkt. 20c.

CHOICE GERMAN MIXED.—Magnificent large velvety flowers of richest hues and colors. Pkt. 10c.



MAMMOTH BUTTERFLY.

Pansy Collection.—One pkt. each of the 23 varieties for \$2.00.



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BY H. J. ... Co.

SNOW QUEEN.—Flowers of a delicate, pure, satiny white, handsome and attractive. Makes a fine showing in beds or for cut flower work, and beautiful for cemetery use. Pkt. 10c.

GOLDEN YELLOW.—Best of the yellow varieties. Desirable as a contrast. Pkt. 5c.

FAUST.—(King of the Blacks.) Jet black. Pkt. 5c.

EMPEROR WILLIAM.—Ultra-marine blue. Pkt. 5c.

ODIER OR BLOTCHED.—This superb large variety of pansies has been much improved. Pkt. 10c.

BRONZE-COLORED.—Handsome. Pkt. 5c.

AZURE-BLUE.—Very fine shade of sky-blue. Pkt. 5c.

QUADRICOLORE.—New and distinct; fine. Pkt. 8c.

CHOICE LARGE FLOWERING MIXED.—Very fine. Pkt. 10c.

FINE MIXED.—Choice varieties. Oz. \$2.00, Pkt. 5c.

INTERNATIONAL MIXED.

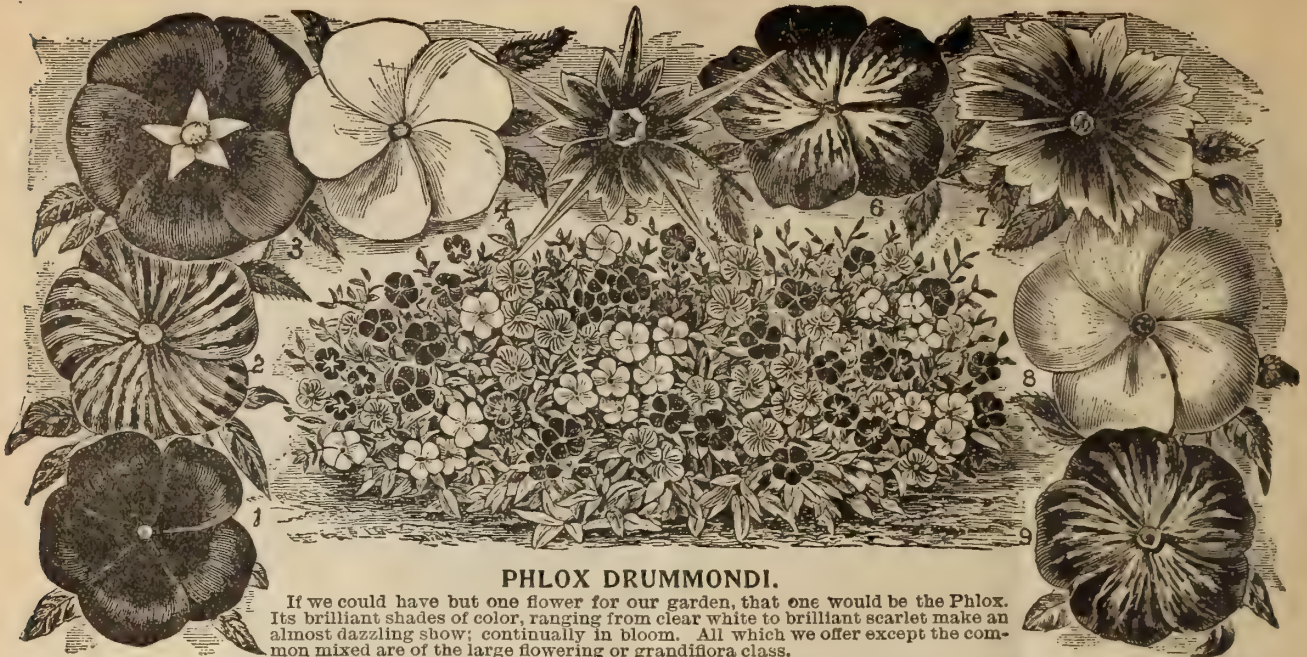
—This mixture consists of a grand assortment from the world's leading growers. All colors and markings. Pkt. 25c.

IOWA BEAUTY.—Of all varieties of pansies ever introduced this is certainly the finest. It contains a great number of varieties, all of which are beautifully marked, striped or blotched with the handsomest and most delicately blended colors. Flowers are of rich, velvety substance and perfect shape. Pkt. 20c.

VIOLET-SCENTED PANSY.—This new type is a cross between the pansy and the violet, combining the ideal properties of each. Flowers are much larger than the violet, more like pansies, but with the delicious fragrance of the former. Range of color runs through white, buff, canary and azure-blue, and the coloring of each is exceedingly delicate and charming. Admirers of the pansy and violet will be delighted with it. Pkt. 25c.



IOWA BEAUTY.



PHLOX DRUMMONDI.

If we could have but one flower for our garden, that one would be the Phlox. Its brilliant shades of color, ranging from clear white to brilliant scarlet make an almost dazzling show; continually in bloom. All which we offer except the common mixed are of the large flowering or grandiflora class.

FIREBALL.—(Cut No. 1.) Brilliant, dazzling scarlet; very handsome dwarf compact growing. Pkt. 10c.

STRAITA.—(No. 2.) Bright, rich scarlet, sharply striped with white. Pkt. 10c.

STELLATA CARMINEA.—(No. 3.) Very handsome carmine flowers, with pure white, star-like eye. Pkt. 7c.

GRANDIFLORA ALBA.—(No. 4.)—Pure white, very large. Pkt. 5c.

CUSPIDATA OR STAR.—(No. 5.) The growth is more dwarf and compact than the common. The pointed center teeth of the petals (five in number) are long and project like little spines, one-quarter to one-third inch long. Thus the flowers appear to have a splendid, regular star-like form whose beauty is improved by the broad, white margins, which border the edges of the petals. Pkt. 15c.

SUNRISE.—(No. 6.) Beautiful, rosy salmon, shaded carmine. Pkt. 10c.

FRINGED MIXED.—(No. 7.) Very handsome. The flowers are of the most velvety colors and handsomely fringed. Pkt. 10c.

JUBILEE.—(No. 8.) A decided novelty, being an entirely new color in Phlox, a bright yellow; of strong, bushy erect habit, each plant presenting a mass of dazzling flowers, each of which is nearly the size of a twenty dollar gold coin and of perfect form. Per pkt. 10c.

RADOWITZII.—(No. 9.) Handsome flowers of rose, crimson, violet, etc., striped with white. Pkt. 10c.

NANA COMPACTA MIXED.—Dwarf, compact growing class; very fine for borders and ribbons. Pkt. 8c.

BLACK BROWN.—The darkest color in phloxes. Pkt. 10c.

DOUBLE PEARL.—A grand novelty introduced by us in 1888. By constant selection each year we have improved it so that almost every plant produces handsome, double, pure white flowers. It is very pretty and will prove a splendid acquisition for bouquet work, and suitable for buttonhole bouquets, etc. Very pretty for borders and bedding. Pkt. 10c.

GRANDIFLORA MIXED.—This special large flowering strain has been selected with great care for many years until we now have an ideal flower, of immense size and for beauty of colors they are unsurpassed. They produce a great profusion of large trusses of flowers, and if cut freely will continue a mass of bloom until severe freezing weather. The colors range from the purest white to nearly black, including all shades of pink, red, violet crimson, purple, yellow, blue, scarlet and brown, striped and blended in an indescribable manner. Some of the flowers are very nearly as large as a silver half dollar. Pkt. 10c.

MIXED VARIETIES.—A mixture of the common varieties. Will make a nice bed but flowers are smaller than the Grandiflora. Pkt. 5c.



DOUBLE PEARL PHLOX

PHLOX COLLECTION.—One packet each of the above varieties, making a grand assortment for only 85c.

PERENNIAL MIXED.—Splendid hardy plants which bloom continuously after the second year. Pkt. 5c.

PYRETHRUM.

GOLDEN GEM.—Beautiful for edgings or ribbon beds. Double flowering. Pkt. 5c.

ROSEUM.—Plant from which the Persian insect powder is made. Pkt. 8c.

RICINUS.

Castor oil plant. Stately foliage plants. Make a very handsome appearance on the lawn planted singly; also fine for clumps or ornamental hedges. Keeps out moles.

CAMBOGIENSIS.—This most beautiful plant grows to a height of eight feet, and of most stately, majestic tropical appearance. Large palm-like leaves of darkest reddish maroon, covered with a bright bronzy lustre, while the main stalk and leaf stems are ebony black. Leaves have large red veins which add to the beauty. The fruit is fiery red. It is unexcelled as a decorative plant for lawn or garden. More ornamental than many plants which would cost several dollars each at the greenhouse. Seed will always be scarce and high. Seeds are large and each seed will produce a strong plant. Pkt. of 6 seeds, 10c.

GIGANTEUS.—Largest of all, 12 feet high, steel blue stalk and large green leaves often 30 inches across. Pkt. 10c.

SANGUINEUS TRICOLOR.—Blood red stalk; very attractive. Pkt. 7c.

GIBSONI.—Dark purple stem and leaves, dwarf. Pkt. 5c.

COMMON.—Pkt. 3c, oz 10c.

ALL VARIETIES MIXED.—Pkt. 4c.

RHODANTHE.

MACULATA.—One of the prettiest everlasting grown, has bright, rosy crimson flowers. Well shown by our engraving. Care is necessary in starting the seed, but when once well grown, produce an abundance of flowers Pkt. 10c.



RHODANTHE.



CAMBOGIENSIS RICINUS.



SALVIA.

SPLENDENS.—One of the most brilliant of flowers; it thrives in any light, rich soil; often called Flowering Sage. Free bloomers. A brilliant scarlet. Very fine. Pkt. 10c.

MIXED VARIETIES.—All colors. Pkt. 5c.



SWEET PEAS.

SWEET PEAS.

May well be called America's favorite, as it is such a popular and easily grown flower that rich and poor alike can enjoy its fragrance and beauty. They are hardy, free from insects, and disease, and if cut freely, as soon as they begin to fade, will continue to bloom throughout the season. One ounce will sow a row thirty feet long and make a lovely hedge. One secret in successful sweet pea culture is to plant early and deep, not less than four inches.

ALBA MAGNIFICA.—One of the clearest of the whites. Strong grower and fine bloomer. Pkt. 5c. oz. 10c. ¼ lb. 30c.

BLANCHE FERRY.—Resembles the Painted lady, but the flower is much larger, of better and more decided shades, and blooms more freely. Very fragrant and unsurpassed for corsage bouquets. Pkt. 5c. oz. 10c. ¼ lb. 30c.

PAINTED LADY.—Very pretty, delicate pink and white. Pkt. 5c. oz. 10c.

QUEEN OF THE ISLES.—Large flowers, handsomely striped with both blue and red on a white ground; very fine. Pkt. 5c. oz. 15c.

DUCHESS OF EDINBURGH.—Very beautiful; standard light scarlet, splashed with crimson, edge white, wings tipped rose. Pkt. 5c. oz. 10c.

QUEEN OF ENGLAND.—Pure white. Pkt. 5c. oz. 10c.

BLACK.—Very dark brownish purple. The nearest approach to black. Pkt. 5c. oz. 15c.

SENATOR.—Chocolate and creamy white. handsome. Pkt. 5c. oz. 10c.



SCABIOSA.

everlasting. Sow seed under glass or in a sheltered place. Pkt. 10c.

SCABIOSA.

(Mourning Bride.) One of the best of free-flowering hardy annuals of very handsome colors. Best double dwarf mixed. Pkt. 4c.

SPRAGUAEA.

UMBELLATA.—Is really a very attractive little flower, desirable for bouquets. Flowers in dense umbels, on leafless stems, six inches or more in length; blossoms are pink and nearly everlasting. Sow seed under glass or in a sheltered place. Pkt. 10c.

SENSITIVE PLANT.

A very pretty and curious plant, the leaves closing when touched. The seeds start slow, and it is best to start them in boxes, cover shallow and see that they do not dry out; it makes a good house plant for winter, and always pleases the children. Pkt. 5c.



SENSITIVE PLANT.

in loose, rich soil and kept moist and warm. Pkt. 8c.

SEDUM.

Well suited for baskets and rockeries; blooms freely; many varieties mixed. Pkt. 5c.

SCARLET RUNNER BEAN.

A handsome climber with flowers and pods of dark scarlet, and suitable for wearing as corsage bouquets. It is quite ornamental as well as being of much value as a vegetable, the beans being equal to the Lima in flavor. Pkt. 5c.

SMILAX.

Much used for winter decorations; the seeds start slowly and should be planted in loose, rich soil and kept moist and warm. Pkt. 8c.

SALPIGLOSSIS.

One of the most beautiful of flowering annuals, forming strong, bushy plants about 18 inches high and bearing throughout the season large flowers 3 to 4 inches across, of many beautiful colors.

NEW VARIEINED.—Much larger than the common Salpiglossis.

The surface is soft and velvety and the wealth of color marvelous. The colors range from pure white to dark yellow, dark red and purplish black, including light and dark blue, velvety plum color, maroon, crimson, dark brown, golden and lemon yellow, white, dark purple, black, brilliant scarlet, etc., with all the shades between beautifully veined and mottled; blooms all summer and till severe frost. Pkt. 10c



SMILAX.



SALPIGLOSSIS.

BOREATTON.—A very fine dark variety, with immense, bold, attractive flowers, borne in great profusion. Color, red, mahogany and maroon. Very beautiful. Pkt. 5c. oz. 15c.

INVINCIBLE SCARLET.—Large and brilliant scarlet. Pkt. 5c. oz. 10c

MRS. GLADSTONE.—Flowers large of perfect form and of most delicate and beautiful bluish pink. One of the most elegant and beautiful flowers in the list. Pkt. 5c. oz. 10c.

PRIMROSE.—Pale primrose yellow. One of the most beautiful; blooms a long time and is exquisitely fragrant. Pkt. 5c. oz. 15c.

SPLENDOR.—Well named and one of the grandest on the list. Most brilliant crimson rose; a dazzling color; often double. Pkt. 5c. oz. 10c.

EMILY HENDERSON.—A beautiful absolutely pure white; flowers are extra large, and stand up boldly without reflex or curl; plants robust, compact and branching, producing such an abundance of flowers that the plants appear as if covered with snow. From one plant, specially cultivated, has been cut in one season the seemingly incredible number of 1,035 sprays of bloom. Very early, and continues a veritable "cut-and-come-again" to the end of autumn. Pkt. 5c. oz. 15c. ¼ lb. 40c.

IMPERIAL BLUE.—Color ultramarine blue, claret and purple; one of the handsomest. Pkt. 5c. oz. 20c.

PURPLE PRINCE.—Maroon standards, shaded with bronze and purple wings. Pkt. 5c. oz. 10c.

BUTTERFLY.—White, laced with lavender blue. Pkt. 5c. oz. 15c.

CARDINAL.—Intense cardinal crimson, large and fine. Pkt. 5c. oz. 10c.

ORANGE PRINCE.—Pink and orange, flushed with scarlet; distinct and handsome. Pkt. 5c. oz. 20c.

COUNTESS OF RADNOR.—One of the handsomest. Standard rich lavender mauve, wings lighter. Pkt. 5c. oz. 15c.

BLUSHING BEAUTY.—Exquisitely soft, fleshy rose color; beautiful clusters on long stems. Pkt. 5c. oz. 15c.

VENUS.—Salmon buff, delicately shaded rosy pink; a charming flower. Pkt. 5c. oz. 15c.

PERFECTED MIXED.—Graceful form, charming color, exquisite fragrance, and simple levelness. This mixture contains all of the most choice new varieties and some of the old favorites. Pkt. 5c. oz. 10c. ¼ lb. 25c. 1 lb. 55c.

ECKFORD'S NEW HYBRIDS.—A strain of mixed sweet peas comprising many beautiful new varieties of bright colors, flowers unusually large. Pkt. 5c. oz. 15c.

FINE MIXED.—A good assortment. Pkt. 2c. oz. 5c. ¼ lb. 15c. 1 lb. 50c.

COLLECTION.—One packet each of above 25 varieties for 85c.

STOCKS.

LARGE FLOWERING PERPETUAL WHITE.—Of strong growth, fine branching habit, and, if sown early, will bloom from May until November. Flowers very large and pure white, and the more often they are cut the better they like it. Deliciously fragrant. Pkt. 10c.

LARGE FLOWERING DWARF GERMAN.—Fine mixed. Pkt. 5c.



PERPETUAL WHITE STOCK.



WILD CUCUMBER.

A well known vine common in many sections, and the quickest climber known for covering verandas, old trees and houses, trellises, etc., never suffering from the heat, but retaining its fresh and lively green color; never infested with insects, and very profuse in bloom. It will sow itself and come up every year in the same place. Pkt. 10c

SUNFLOWER. (See *Helianthus*.)

SWEET WILLIAM.

Hardy plants about one foot high, of extreme richness and variety of color, and also deliciously sweet-scented; for clumps or borders no plant can surpass this old favorite.

SINGLE VARIETIES MIXED.—Pkt. 5c.

DOUBLE VARIETIES MIXED.—Pkt. 10c.

TORENIA.

FOURNIERI.—Beautiful free flowering, in moist situations out of doors.

WILD CUCUMBER.
trailing plants, well suited for baskets, vases, and in moist situations out of doors. A very handsome plant, well worthy of a trial. Pkt. 10c.

THUNBERGIA.

Rapid growing, free blooming climbers. Well suited for house culture, baskets or vases; mixed. Pkt. 5c.

TROPAEOLUM.

One of the most desirable of the annual climbers; easily grown in any common garden soil; produces an abundance of flowers of handsome shades of various bright colors. Many varieties mixed. Pkt. 5c.

PEREGRINUM.—(Canary Bird Flower.) Curious bright yellow flowers, resembling canary birds. Pkt. 10c.

STEVIA.

SERRATA.—Produce an abundance of pretty white flowers early in fall. Pkt. 5c.



WISTARIA.

VIOLA.

ODORATA.—The well known sweet violet. All colors mixed. Seeds start very slowly. Pkt. 10c.

WHITLAVIA.

Delicate and pretty but perfectly hardy plants, with drooping clusters of bell-shaped flowers. They thrive in cool, moist situations; free bloomers, and for partially shaded places they are very desirable.

GRANDIFLORA.—Mixed colors, Pkt. 5c.

XERANTHEMUM.

Free flowering and easily grown, making a handsome bed.

DOUBLE WHITE.—Pkt. 5c

ALL KINDS MIXED.—Pkt. 5c.



SWEET WILLIAM.

STATICE.

SINNATA HYBRIDA.—Produce their small flowers in panicles; will hold their color when dry, and are very valuable to work up with the everlasting; hardy and of easy culture; fine mixed. Pkt. 4c.

VINCA.

Handsome bushy plants producing freely, round, single flowers one and one-half inches across, suitable for pot culture and sunny flower beds; tender perennial, one and one-half foot. Mixed colors. Pkt. 5c.

WISTARIA.

One of the most popular hardy vines climbing to a height of fifty feet or more. It is a perennial and easily grown from seed. Pkt. 10c



WHITLAVIA.



HENDERSON'S MAMMOTH VERBENA.

VERBENA.

The verbena is deservedly a universal favorite, unrivaled in the splendor of its dazzling brilliancy of flower. A constant bloomer, and if grown from seed has a sweet fragrance. Treat as tender annuals. Plant seed in boxes or under glass in March, and transplant when a few inches high. In this way the verbena can be grown from seed as early as any annual, and will produce much stronger plants than cuttings. Seed sown in the open ground will flower in August.

HENDERSON'S NEW MAMMOTH.—When well grown every flower truss measures over nine inches in circumference, while the single florets are as large as a twenty-five cent piece; more vigorous in growth than the ordinary verbena. Contains a great assortment of colors, the above illustration showing a flower of dark scarlet with a pure white eye. Pkt. 15c.

BLACK.—Nearly a coal black with a white eye. Pkt. 10c.

CANDIDISSIMA.—Large trusses of pure white flowers; beautiful. Pkt. 10c.

DEFIANCE.—A true scarlet; extra fine. Pkt. 10c.

YELLOW.—Splendid novelty which it will pay every flower lover to try. Pkt. 10c.

EXTRA CHOICE MIXED.—From the finest German collection of named sorts. Pkt. 10c.

FINE MIXED.—Contains a nice variety of colors. Pkt. 5c.



PLATYCODON

WAHLENBERGIA.

GRANDIFLORA MIXED.—(Also called Platycodon.) Of wonderful beauty and attracts much attention on our seed farm. It is a perennial plant blooming the first year from seed, which should be sown early in open ground. They bloom very profusely and continuously all summer, if flowers are removed as soon as they begin to fade. The flowers are of large size, being 2½ to 3 inches in diameter, and the various shades of light blue, lavender and white. Plants increase in size from year to year and are sure to please. Our seed is saved from the best flowers. Pkt. 10c.

WALLFLOWER.

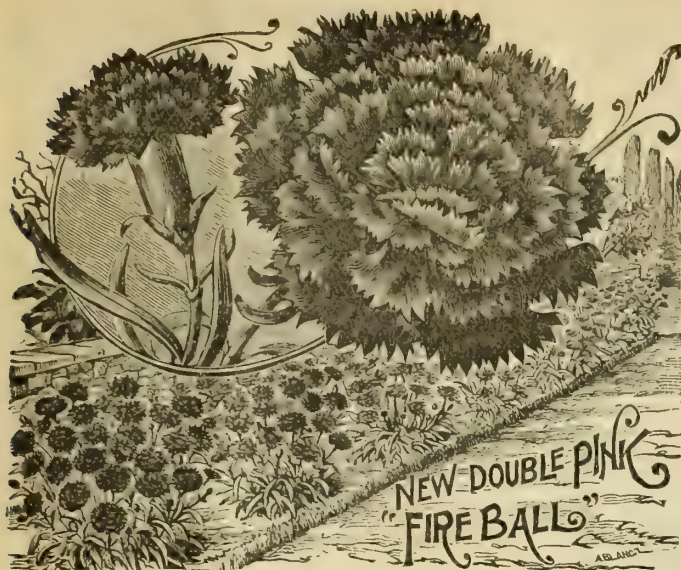
Greatly prized for their exquisite fragrance. They grow in long, brilliantly colored spikes of flowers. There are many varieties. Plants removed to pots in autumn will produce an abundance of delightfully fragrant flowers.

DOUBLE VARIETIES MIXED.—Pkt 12c.

SINGLE VARIETIES MIXED.—Pkt 5c.



WALLFLOWER.



ZINNIA.

Strong growing, hardy and elegant plants, rivaling the dahlia, in size and doubleness, while the colors are bright and varied, ranging from pure white to deep, purplish crimson. Splendid for hedges, beds or borders.

PIGMY or LILLIPUT.—This strain is the acme of beauty and perfection in zinnias. Plants small and of bushy growth, each one bearing scores of beautiful little blossoms of the most perfect shape and brilliant colors, from pure white to very dark orange, purple, crimson and vermilion. These charming little zinnias are gems indeed and should be in every garden. Mixed colors. Pkt. 10c.

CURLED AND CRESTED.—A most unique and charming new variety with petals oddly curled and crested in fantastic contortions and graceful forms. Flowers large, double, and the peculiar shape of petal relieves the flower from stiffness. Many colors. Pkt. 10c.

FINEST MIXED DOUBLE.—Tall sorts. Pkt. 5c.

FINEST MIXED DOUBLE DWARF.—Pkt. 5c.

NEW ZEBRA.—Beautifully and brilliantly striped with rich colors. There are always some plants which do not produce striped flowers. Very handsome. All colors mixed. Pkt. 10c.

PINKS.

FIREBALL.—A very dwarf and compact growing pink, only 10 to 15 inches high. Flowers are perfectly double, and color a rich, velvety blood red. The plants begin to flower shortly after seeds are up, and continue to bloom profusely all summer and fall, only ceasing when overtaken by severe frost. Effective for garden bedding or pot culture, and as a cut flower. Pkt. 10c.

CROWN OF PERFECTION.—The flowers are greatly improved and immense, averaging six inches in circumference, are densely double and are produced in perfect succession during the whole summer. Colors from purest satiny white to red shades so deep and intensely brilliant that the eye can scarcely penetrate their velvety depths, soft pinks and flesh tints more dainty than brush could lay; and a large proportion of flowers heteroglyphically marked with various hues, the delicate tints and deep tones mingling in exquisite contrast. Pkt. 8c.

PASSION FLOWER.

MAMMOTH.—One of the most desirable of all climbing plants. Sow seed early, and if well cared for and seasons are favorable, vines will send out magnificent blossoms the first year. Its color is odd, comprising a combination of blue, pink and white, which is beautiful, very large and showy, of a feathery and velvet-like appearance. Vines begin to throw out blossoms when only one or two feet high, followed in the fall by beautiful golden fruit about the size of a hen's egg. If left in the open ground in winter it must have some protection. Pkt. 10c.

ZEA JAPONICA.

A very ornamental plant for beds or back ground for the flower garden. See description of Striped Japanese Maize with varieties. Per pkt. 5c, oz. 20c.



SPECIAL MIXTURES OF FLOWER SEEDS.

Many persons derive pleasure from watching the growth of a varied bed of flowers, entirely out of the usual trim garden style, while others desire a much more extended collection than their means will permit. To both of these classes the following special mixtures will appeal:

MIXTURE OF FRAGRANT ANNUALS.—Carefully made up from seeds of fragrant flowers only. A bed of these will give rich perfume throughout the day and evening, while some of them are also suitable for cutting. Pkt. 10c.

MIXTURE OF CLIMBERS.—This is a liberally filled packet of seed of many beautiful annual climbers, suitable for growing together. Pkt. 10c.

WILD GARDEN MIXTURE.—Over 400 kinds of such flower seeds as are suitable to be planted together; altogether forming a mass of bright colored flowers and beautiful foliage which is sure to interest and please. Our illustration will give some idea of the possibilities in growing flowers from this mixture. Select a light, rich soil, as free from weeds as possible; plant in this latitude about the first of May. Pkt. 5c, oz. 35c.



INTERNATIONAL NOVELTIES MIXED.—Each year we make a grand test of floral novelties, obtaining seed therefor from all parts of the world, and our trial fields exhibit a truly magnificent display of flowers never before grown here. A few of the new varieties did not do well with us, but they may prove valuable in other climates or on different soils, but by far the larger number are valuable acquisitions, and we would like to have all our customers try them. We have saved seed of most of the varieties, but instead of listing them in our catalogue separately at 10 cents to 25 cents per packet, we have decided to mix them all together and offer our customers this grand assortment at the low price of 10c per pkt., 3 pkts. 25c.

LOW-GROWING ANNUALS.—This mixture contains seeds of a great variety of low-growing annuals, few of which exceed four to six inches in height, and which, sown in beds or borders, present the appearance of Turkish rugs, carpeting the ground in their wide range of colorings and forms. Pkt. 10c.

MIXED BIENNIALS AND PERENNIALS.—About fifty varieties. Every garden should contain a good assortment, and it will be easily obtained in this way. Pkt. 10c.

FLOWERS FOR BOUQUETS.—This mixture embraces seeds of annuals producing flowers suitable for cutting and for bouquets, nearly all of them having long stems. Planted in a section of the garden, this will furnish a constant supply of cut flowers. Pkt. 10c.

MIXED EVERLASTINGS.—A grand assortment of all sorts of everlasting flowers, suitable for bouquets, etc. Pkt. 10c.

MIXED GRASSES.—A mixture of the ornamental grasses suitable to grow in masses. Makes a striking as well as useful collection. Valuable for making up into winter bouquets. These should be cut just as they come into bloom and dried in the shade. Very useful for working up with the everlastings into winter ornaments; they lend a grace and beauty not obtainable without them. Pkt. 5c.

All of the above mixtures are carefully prepared from choice, fresh seeds, and cannot fail to give satisfaction. The packets are liberally filled, and in no other manner can so many seeds be obtained at such light cost.

FLOWER BULBS.

Many of the most showy, attractive, inexpensive and easiest grown of all summer and autumn flowers are contained in this important class. There are scarcely any other flowers that can compare with the noble and brilliant spikes of the gladiolus, the grace and elegance of the lily, the purity and sweetness of the tuberose, the majestic foliage of the caladium, and the wonderful markings of the tigridia. Bulbs for spring planting require scarcely any care, and quickly make a gorgeous display, while the bulbs can be kept over winter, and will year after year continue to return a hundredfold in beauty and satisfaction the trifling expense of the original cost. The bulbs are large and strong, and will be sent well packed, postpaid on receipt of price, except where noted.

DISCOUNTS.—Your selection of bulbs to the amount of \$1.00 at catalogue prices will be sent postpaid for \$1.00. \$2.50 for \$2.00.

BLACKBERRY LILY.—Quite curious and handsome. Flowers orange color spotted with brown, about two inches in diameter. The blossoms are followed by seed clusters exactly like a blackberry in size, shape and color. Each 10c, 3 for 25c.

TUBEROUS ROOTED BEGONIAS.—Of all the introductions of recent years none have received a heartier welcome than the begonias, which have been brought to wonderful perfection. These flowers sometimes grow six inches in diameter, are borne upright on stiff stems, and outrival in colors the most brilliant or dazzling geranium. They are of the richest colors, embracing every shade of white, rose, pink, red, scarlet, crimson, yellow and orange. Tuberous begonias are well adapted to house culture, or make splendid beds on the lawn. Double or single mixed colors 15c each.

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CALADIUM, Esculentum.—(Elephant's ear.) A splendid tropical plant, growing 4 to 5 feet, with immense leaves beautifully veined and variegated with different shades of green. Very showy, leaves often growing 3 feet long. Of easy culture; roots can be stored in cellar in the fall, and grow larger and more showy each year. Medium sized bulbs 10c, 3 for 25c, very large 30c, 3 for 75c.

CANNA.—These very handsome tropical-looking plants are unrivaled for fine effects on the lawn, their large glossy, green leaves, tinted with red, purple or bronze, and their showy spikes of flowers of various shades of red and yellow, produce an effect seldom equaled.

Charles Henderson.—The richest deep crimson of any canna on our place, and a sort which charms everyone. Heads large, compact and symmetrical. Each 20c.

Florence Vaughan.—A most striking and beautiful yellow canna, spotted with bright red. Each 20c.

Robusta.—A tall variety with immense leaves of dark bronze color. Very tropical. Each 15c.

Alphonse Bouvier.—For the center of beds and masses this grand, tall-growing variety gives a grand effect. Every shoot has enormous trusses of vivid crimson-scarlet flowers. Each 15c.

Madam Crozy.—The deepest vermilion red, gold bordered, double the diameter of a gladiolus spike, is closely filled with flowers, and these flower spikes or heads follow each other so rapidly that the plant is always in bloom. Each 15c.

Mixed French.—We have a grand assortment of all the best new varieties of French or Crozy cannas, which we furnish at 15c each. \$1.50 per doz.

Mixed Bronze-Leaved.—The older sorts used mainly for foliage beds or groups on the lawn. Flower is small. Each 10c, doz. \$1.10.

Mixed Green Leaved.—Like above, leaves green. Each 10c, doz. \$1.10.



OXALIS, Deippii. pure white flowers, and as they bloom very quickly after planting, they furnish a neat, attractive border all the season. Doz. 10c. 100 30c.

Deippii Roosa.—Somewhat larger flowers and foliage than above. Leaves greatly resemble four-leaved clover; flowers rose color. Doz. 10c. 100 40c.

Lasiandria.—Leaves more finely cut than the Deippii, and flowers rosy pink. Doz. 10c. 100 60c.

LILY OF THE VALLEY.—Well known and universally admired spring flowering plants; flowers bell-shaped, freely produced and powerfully fragrant. To grow in open ground, select a partly shaded, rather moist situation and they are charming when grown in large patches. Perfectly hardy and increase in number each year without attention. Each 5c, 3 for 12c, doz. 40c.

AMARYLLIS, Atamasco.—Pink and white. Each 10c.

AMARYLLIS, Johnsonii.—Bears three to six brilliant red flowers striped with white. Each 50c.

AMARYLLIS, Formosissimi.—(Jacobean Lily.)—Dark velvety crimson. Bulbs may be potted anytime in spring. Bloom year after year. Each 15c, 3 for 40c, doz. \$1.25.



CHINESE SACRED LILY.—Very handsome. The flower is white, with a yellow tinted cup; a truss from three to seven, borne on a stem—sometimes single and double on the same stalk. It is very easily grown in water. The bulbs are very large with from three to six various-sized offsets, and nearly every offset bears a flower stalk. Usually grown in a bowl of water. We can furnish them until the last of March, when the supply is usually exhausted, and we do not have more until fall. Each 15c.

CINNAMON VINE.—This beautiful climber is perfectly hardy, and a rapid grower; has beautiful heart-shaped, bright green leaves, and clusters of delicate white flowers. Large tubers for 10c, 3 for 25c; bulblets, per doz. 10c.

HYACINTHUS, Candicans.—Drooping, ivory white, bell-shaped flowers of delicate fragrance. Suitable for cemetery. Each 5c; 3, 12c; doz. 40c.

APIOS, Tuberosa.—This is one of the most beautiful climbing vines. Grows very quickly and blooms profusely, bearing lovely clusters of rich, deep purple flowers. Each 5c; 3, 10c; doz. 30c.

TIGRIDIA.—Red, yellow and white, handsomely spotted with black. Each 5c, doz. 50c.

CALLA LILIES.—Very attractive tropical looking plants with elegant pure white flowers.

Little Gem.—This beautiful little floral gem originated in the Guernsey Islands, and is in appearance a true miniature specimen of the old Calla, rarely growing over 10 to 12 inches high and commences to bloom when 6 to 8 inches. This is highly regarded in some places but has not proved a good bloomer at our place. Each 25c, 3 for 60c.

Mammoth White.—The largest flowering variety and most majestic. Superb white flowers. Monster bulbs, each 25c, 3 for 60c. Medium size, each 15c, 3 for 40c.

Spotted.—Leaves are deep green, with numerous white spots, which give the plant a magnificent appearance. They grow freely in any soil. Can be planted out in the spring like a gladiolus, and blooms well during the summer. The flowers are pure white with a black center, and are quite handsome. Each 15c, 3 for 50c.



LITTLE GEM CALLA.

NEW CROZY CANNAS.

OXALIS, Deippii.—Nothing so valuable for edging the borders of walks or flower beds as the beautiful summer oxalis. Bulbs, when planted three inches apart, produce an unbroken row of elegant foliage and

pure white flowers, and as they bloom very quickly after planting, they furnish a neat, attractive border all the season. Doz. 10c. 100 30c.

Deippii Roosa.—Somewhat larger flowers and foliage than above. Leaves greatly resemble four-leaved clover; flowers rose color. Doz. 10c. 100 40c.

Lasiandria.—Leaves more finely cut than the Deippii, and flowers rosy pink. Doz. 10c. 100 60c.

LILY OF THE VALLEY.—Well known and universally admired spring flowering plants; flowers bell-shaped, freely produced and powerfully fragrant. To grow in open ground, select a partly shaded, rather moist situation and they are charming when grown in large patches. Perfectly hardy and increase in number each year without attention. Each 5c, 3 for 12c, doz. 40c.

AMARYLLIS, Atamasco.—Pink and white. Each 10c.

AMARYLLIS, Johnsonii.—Bears three to six brilliant red flowers striped with white. Each 50c.

AMARYLLIS, Formosissimi.—(Jacobean Lily.)—Dark velvety crimson. Bulbs may be potted anytime in spring. Bloom year after year. Each 15c, 3 for 40c, doz. \$1.25.

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LILY OF THE VALLEY.

CHOICE GLADIOLUS.

These are a specialty with us, and our fields devoted to them make a most magnificent sight each year, appearing at a distance a mass of bright colors. It is the most desirable of all bulbs, and claimed by many who are well acquainted with their varied beauty to be the flower of flowers. Our bulbs will produce immense spikes of bloom.

Royal Queen.—We do not hesitate to call this by far the finest and largest flowering variety of gladiolus ever introduced. The bulb, or corm, is usually very large, producing a strong, stiff flower stalk about three feet high. The flower spike is very long and well filled out on all sides. The flowers are of a clear, pearly white ground, striped and splashed with a rich carmine, shading to a rosy purple, most beautifully blotched and marbled, and of a delicate velvety texture. It is not affected by the heat and blooms freely. The flowers measure four inches in diameter when in cup form, or six inches spread and are held upright on the spike. If you want something extra fine don't fail to try the Royal Queen. Each 20c, 3 for 50c.

Grace.—A beautiful new variety of pure clear salmon color, bright violet center. Each 10c, 3 for 25c.

Carrie.—Another new variety which originated on our grounds. A good sized spike and flower and the nearest purple known in gladiolus. Each 10c, 3 for 25c.

Childs.—A very peculiar new class of gladiolus comprising a great variety of new colors and markings. Each 10c, 3 for 25c.

Meyerbeer.—Rose scarlet, amaranth red blotch. Each 10c, 3 for 25c.

Salmon Pink.—A handsome new variety of pure salmon pink color. Attractive. Each 10c, 3 for 25c.

Arsinoe.—Fine satiny rose with bright carmine. **Brenchleyensis.**—Deep vermilion scarlet. **Ceres.**—Beautiful bluish white, marbled and striped with rose and carmine. **Eugene Scribe.**—Light pink, glazed with carmine. **Isaac Buchanan.**—Best of yellow varieties. **Leander.**—Flowers of a soft and delicate lilac color, shaded and spotted with carmine and has a distinct white band in each petal. **Norma.**—The best white variety. **Ophir.**—Dark yellow, mottled with purple. **Princess of Wales.**—White, blazed with carmine and rose, stained with deep carmine. **Africano.**—Dark slate brown on scarlet ground streaked with salmon and pure white. **Carnation.**—Fleshy white, tinged carmine, blotched with purple. **Pyramide.**—Bright orange rose, extra fine. **Rosita.**—Delicate creamy rose, marbled with cherry. **Lemoini.**—Upper petals creamy white, tinted salmon red; lower ones spotted with deep purplish crimson, bordered with bright yellow. **Marie Lemoini.**—Upper divisions of a pale creamy color, flushed salmon lilac, the lower divisions spotted purplish violet, deep yellow border. Any of these varieties 5c each, 50c per dozen.

Lemoini Mixed.—Each 5c, doz. 50c.

Pink, Striped and Variegated Varieties.—Each 5c, doz. 50c.

Red Varieties Mixed.—Each 5c, doz. 40c.

Light and White Varieties Mixed.—Each 5c, doz. 50c.

Choice Yellow Varieties Mixed.—Each 5c, doz. 50c.

Fine Mixed.—Contains a nice assortment. Each 3c, doz. 25c. By express, \$1.50 per 100.

Choicest Mixture.—Made up mainly from best named varieties. Each 5c, doz. 40c.

COLLECTION OF GLADIOLI.

—Six choice named varieties, our selection of sorts, but all labeled, containing an assortment of colors. Also one packet of gladiolus seed of our own growing, carefully hybridized so as to produce new varieties; will bloom second year; all for 25c postpaid.



GLADIOLUS.

MADERIA, or Mignonette Vine.—Ornamental climber of very rapid growth. Each 3c, doz. 30c, 100 by express \$1.50.

FREESIA, Refracta Alba.—Small bulbs bearing peculiar clusters of white flowers of the most delicious fragrance, which last a long time even after being cut. Each 3c, doz. 20c.

CYCLAMEN, Giganteum.—One of the finest plants in cultivation for winter blooming. The colors vary from the purest white to the brightest crimson and purple, some flowers beautifully spotted. Each 20c.

IRIS. (Fleur-de-Lis.)—One of the most satisfactory of flowers for garden culture, as the are hardy and require very little care after once set out, and will produce a mass of flowers year after year.

Kämpferi.—Marvels of beauty and stateliness. Think of a plant sending up a dozen flower spikes, each spike bearing two to four blossoms eight or ten inches across, and of the most delicate and beautiful colors, markings and combinations. Think of a bed of all colors—white, indigo, violet, lavender, mauve, sky blue, royal purple, bluish, yellow, etc. Your imagination can conceive of nothing grander, and they are even more grand than your imagination can portray. The king of hardy perennial plants. Once planted in your garden they are a joy for a lifetime, blooming profusely in June and July. Either double or single, mixed. Each 15c, 2 for 25c, doz. \$1.25.

Pumila.—Dwarf, early flowering, light blue, purple and yellow mixed, splendid for edgings. Doz. 30c; 100 \$2.

German.—The true "Fleur-de-Lis," the national flower of France; perfectly hardy; grow and bloom luxuriantly anywhere, particularly in moist situations. Mixed colors. Each 10c, 3 for 25c.

PAEONIES.

These are very beautiful, showy and easily cultivated plants, blooming from the beginning of May to the end of July. They should have a place in every garden. We offer best sorts, mixed colors. Each 25c, doz. \$2.50.

LILIES.

No class of plants capable of being cultivated out of doors possess so many charms; rich and varied in color, stately and handsome in habit profuse in variety, and of delicious fragrance. They thrive best in dry, rich soil, where water will not stand in winter.

Coral Lily.—The flowers are a brilliant crimson, and have a peculiar waxy or coral-like appearance, quite distinct from all other flowers. Each 15c, 3 for 40c, doz. \$1.50.

Candidum.—The pure white garden or Easter lily; flowers snow white; hardy and free blooming. Each 10c, 3 for 25c.

Auratum, or Japanese Gold Banded Lily.—This is justly entitled to the name often given it—The Queen of Lilies—and it is decidedly the most beautiful of all lilies. The immense flowers are deliciously fragrant. The large white petals are thickly spotted with chocolate crimson and have a bright golden yellow band through the center of each. This magnificent lily succeeds well everywhere. Each 20c, 3 for 50c.

Speciosum Album.—Large, pure white flowers of great substance, beautifully recurved. For garden or pot culture. Each 15c, 3 for 40c.

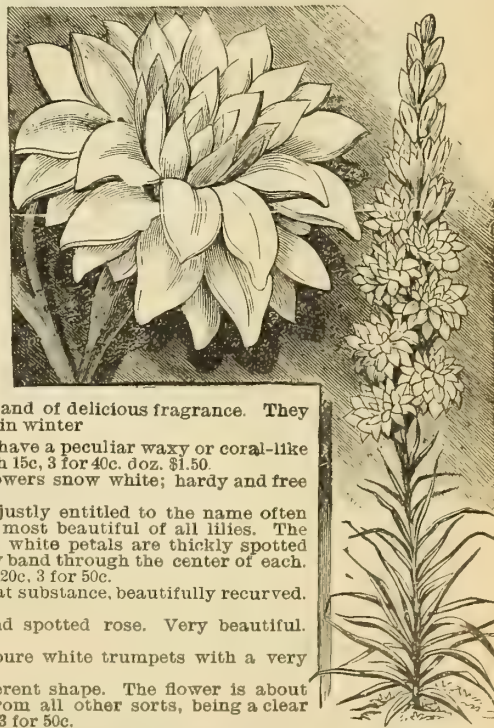
Speciosum Roseum.—Pure white ground stained and spotted rose. Very beautiful. Each 15c, 3 for 40c.

Harrisii.—(The Bermuda Easter Lily.) Immense, pure white trumpets with a very delicate pervading fragrance. Each 20c, 3 for 50c.

Lemon Lily.—It is not a true lily as the bulb is of different shape. The flower is about 3 inches in diameter. The color is entirely different from all other sorts, being a clear lemon yellow. Delightful lemon fragrance. Each 20c, 3 for 50c.



AURATUM LILY.



PEARL TUBEROSE.

WINTER BLOOMING BULBS. Some of the most beautiful and fragrant of all the flowers grown belong to this class, such as the Hyacinth, Tulip, Narcissus, Crocus, etc. Our bulbs, which are grown by one of the best bulb growers in Holland, arrive in this country about Sept. 15. Send for fall catalogue.

CONDENSED LIST OF FLOWER PLANTS.

See descriptive list of novelties and specialties on pages 6 to 9.

Orders for plants must amount to not less than 50 cents.

DISCOUNTS.—Plants amounting to \$1.10 for \$1.00, \$2.25 for \$2.00, \$3.50 for \$3.00, \$6.00 for \$5.00. We pay postage on plants at these prices.

- EACH
- ABUTILON, Layelion.—Bright golden yellow. 10
 - Snowball.—Pure white, very handsome. 10
 - Thompsonii Plena.—Double deep orange, shaded crimson. 15
 - ACHILLEA, Alba.—(The Pearl).—The flowers are large, forming a beautiful plant eighteen inches in height. It is completely covered with pure white flowers from July until frost; hardy. 10
 - ALOYSIA, Citradora.—(Lemon Verbena)—Delightfully fragrant. 15
 - ALTERNANTHERAS.—Bright colored dwarf plants. Per doz. 75. 10
 - AMPELOPSIS, Veitchi.—(Boston Ivy). One of the finest climbers we have for covering walls, as it clings firmly to the smoothest surface. Color, deep green, changing to crimson and yellow. 25
 - ARTILLERY PLANT.—Very desirable for baskets and vases. 10
 - ASPARAGUS PLUMOSUS.—One of the handsomest foliage plants for house culture. 25
 - BOUVARDIA.—Valuable for winter blooming. 15
 - CACTUS.—Price, 10 to 25c each, or 10 sorts for \$1.00.
 - CLEMATIS, Jackmanii.—Most magnificent and showy vine in existence. Strong plants, each 50c; extra strong, three years old 1.00
 - COBOEA SCANDENS.—Large, purple, bell-shaped flowers. 15
 - COLEUS.—Best and cheapest ornamental leaved plant we have for bedding. A few plants will make a beautiful bed; doz. 75c. 10
 - CUPHEA, New Tricolor.—Blossoms the year around; handsome. 10
 - Platycentra.—(Cigar Plant)—A fine basket plant. 10
 - CYCLAMEN.—Fine for winter blooming. 15
 - FABRUGIUM.—Leopard Plant. 20
 - FEVERFEW, Double White.—Per doz. 75c. 10
 - FERNS.—Beautiful for rockwork, or as specimens for parlor. 20
 - GLECOMA.—(Variegated Ground Ivy). Foliage bright green, marked with pure white, and has a refreshing fragrance. Beautiful for hanging baskets and cemeteries, hardy and ornamental. 10
 - GERANIUMS, Scented Varieties.—Nutmeg, Rose, Balm, Peppermint, Mrs. Taylor, Skeleton Leaf and Variegated Rose, each. 10
 - Fancy Leaved.—Madam Pollock and Sunset. Beautiful foliage. Mountain of Snow, Happy Thought, Crystal Palace Gem, Golden Circle, Cloth of Gold, Mad. Sallerol, and Bismarck. All good variegated foliage sorts, each. 10
 - HYDRANGEA, Hortensis.—Bright pink flowers. 15
 - Thomas Hogg.—Pure white; beautiful. 10
 - Variegated.—Foliage white and green; flowers pink. 20
 - HIBISCUS, Rubra, Fl. Pl.—Double, large, bright red flowers. Grandiflora.—Plant covered with large scarlet crimson flowers. 15
 - HOYA.—(Wax Plant)—The well known house climber, with thick, fleshy leaves and curious waxy flowers. 25
 - HELIOTROPE, Mad. Blonay.—Nearly pure white. 10
 - President Garfield.—Has fine large trusses of deep purple flowers. 10
 - HELIALTHUS, Multiflorus.—(Hardy Double Golden Sunflower)—Flowers of a rich golden yellow. Very double and large. 10
 - IVIES, English.—No vine excels this. 15
 - German.—Grows very fast. Fine for hanging baskets. 10
 - Variegated English.—Foliage very prettily marked with white. 25
 - LANTANAS.—Blossoms continuously, the colors changing in a curious manner from day to day. 10
 - MAURANDIA.—Graceful climbers for window or conservatories. 10
 - MYOSOTIS.—(Forget-Me-Not)—A charming, constant blooming plant, requiring plenty of water and a partially shaded position. 10
 - MEXICAN PRIMROSE.—Is a perpetual bloomer; handsome colors. 10
 - MARGUERITE DAISY, New California Paris.— 10
 - Double Golden.—Beautiful, golden yellow flowers continuously. 10
 - MOON FLOWER.—A handsome climber growing twenty-five to forty feet, and covered with its white, moon-like flowers. 15
 - MOUNTAIN PINK.—A fine plant for basket. Flowers bright pink. 10
 - NIGHT-BLOOMING CEREUS.—This gorgeous cactus, which opens evenings, bears abundant blossoms, measuring twelve inches in diameter, and of delicious fragrance. 25
 - PALMS.—Fashionable decorative house and window plants. Mailing size, 25c each; large \$1.00 to \$5.00 each by express.
 - PANSIES.—Our plants are strong and well grown from the best seed. All choice varieties mixed. Doz. 50c.
 - PASSION FLOWER.—An attractive vine bearing beautiful flowers. 15
 - PETUNIA.—All the finest double fringed varieties, each. 10
 - PELARGONIUMS.—Commonly known as Lady Washington geraniums. Flowers are large, with deep blotches on the upper petals and bright spots on the lower; very beautiful. 20
 - SMLAX.—Well known, handsome climber, and very popular. 15
 - SAVIA, Splendens.—Pretty flowering plants; bright scarlet. 10
 - STAPELIA.—Curious plants with showy star-shaped flowers; color buff yellow, with maroon markings. Each. 15
 - VIOLET, Swanley White.—The best double pure white variety, bears a profusion of large, snowy sweet-scented blossoms. 15
 - Louise.—Double purple. Handsome and very fragrant. 15
 - Double Russian.—A magnificent, hardy variety for outdoor culture, bearing immense very double flowers, of a very deep shade of blue. 15
 - VERBENA.—One of the most popular of all plants for bedding; we have many varieties, including all the new kinds. Per doz. 75c. 10
 - VINCA, Major.—Leaves handsomely variegated with creamy white. Flowers bright blue and very showy. 10
 - WANDERING JEW, Variegated.—A popular variety having foliage beautifully variegated with white, pink and green. 10



NURSERY STOCK.

Ask for our complete illustrated list of choice Nursery Stock. We have only room here for a condensed list.

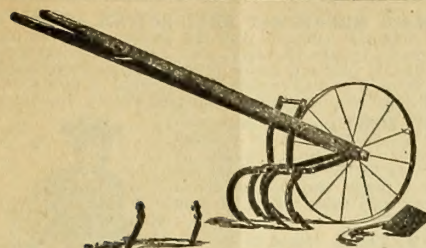
The following prices are all for first-class stock, carefully packed and delivered to the transportation companies, but the purchaser must pay the freight or express charges except where noted. Fifty or more of any variety at the 100 rate, 300 or more at the 1,000 rate. Orders for nursery stock must amount to at least 50c.

	Per doz.	Per 100	BY EXPRESS.
			Per 100 Per 1,000
STRAWBERRIES —Greenville.	\$ 40	1 75	1 25 8 50
Timbrell.	50	2 25	2 00 15 00
Parker Earle.	40	1 75	1 50 9 00
Shuckless.	40	1 75	1 50 10 00
Bubach No. 5.	35	1 50	1 00 6 00
Berwood.	35	1 50	1 00 6 00
Warfield.	35	1 50	1 00 5 50
Haverland.	35	1 50	1 00 6 00
Jessie.	35	1 50	1 00 6 00
Crecent Seedling.	30	1 25	85 4 75
	Each	Doz.	
GRAPES —Cottage.	20	1 50	4 50 30 00
Moore's Early.	20	1 75	5 00 40 00
Moore's Diamond.	25	2 00	6 00 45 00
Concord.	15	1 00	2 50 15 00
Worden.	20	1 50	2 50 20 00
Brighton.	25	2 00	3 50 30 00
Agawam.	26	1 75	3 00 25 00
Pocklington.	20	1 75	3 00 25 00
Niagara.	20	1 75	3 00 25 00
RASPBERRIES —Redfield.	40	3 50	20 00
Columbian.	35	3 25	15 00
Older, Kansas, Golden Queen and Souhegan.	15	1 25	2 25 16 00
Shaffer's, Cuthbert, Gregg, Ohio.	15	1 25	2 00 12 00
BLACKBERRIES —Onmer.	20	1 50	3 00 20 00
Erie.	20	1 50	3 00 22 00
Snyder.	15	1 00	1 75 10 00
Stone's Hardy.	15	1 25	2 00 14 00
DEWBERRIES —Lucretia.	15	1 25	2 25 18 00
CURRANTS —North Star.	25	2 00	12 00
Fay's Prolific.	20	1 50	10 00
Standard varieties.	15	1 00	5 00
GOOSEBERRIES —Industry.	35	3 00	18 00
Downing.	20	1 50	8 00
Houghton.	15	1 00	5 00
THE FOLLOWING TOO LARGE TO MAIL.	Each	Per Doz.	Per 100
APPLES —Standard varieties, 4 to 6 feet Select.	\$ 20	1 75	10 00
Russian and Crab Apples, same price.			
Page's Ideal and Paragon.	40	3 50	15 00
PLUMS —Standard varieties.	40	4 00	25 00
Abundance.	50	5 00	30 00
Stoddart.	60	6 00	32 50
PEARS —Standard varieties.	40	4 00	15 00
CHEERRIES —Standard varieties.	40	4 00	20 00
The Wragg and Russian varieties.	50	5 00	25 00
PEACHES —Standard varieties.	30	3 00	20 00
APRICOT —Chinese.	50	4 50	25 00
MULBERRIES —Russian, 3 to 5 feet.	20	1 50	6 00
EVERGREENS —Scotch Pine, 12 to 18 in.	15	1 25	5 00
Scotch Pine, 24 to 36 in.	25	2 25	14 00
White Pine, 8 to 12 in.	15	1 00	5 00
White Pine, 18 to 24 in.	25	2 25	14 00
White Pine, 24 to 36 in.	40	4 00	18 00
Norway Spruce, 8 to 12 in.	15	75	3 75
Norway Spruce, 18 to 24 in.	20	1 50	7 00
Norway Spruce, 24 to 36 in.	35	3 00	20 00
White Spruce, 12 to 18 in.	20	1 50	14 00
White Spruce, 18 to 24 in.	30	2 50	20 00
Am. Arbor Vitae, 8 to 12 in.	10	75	4 50
Am. Arbor Vitae, 12 to 18 in.	15	1 00	7 00
Siberian Arbor Vitae, 12 to 18 in.	30	3 00	20 00
Balsam Fir, 18 to 24 in.	30	3 00	20 00
Red Cedar, 8 to 12 in.	15	1 00	5 00
Red Cedar, 18 to 24 in.	25	2 50	15 00
ORNAMENTAL TREES —Mountain Ash, 5 to 6 ft.	35	3 50	20 00
Hard Maple, 6 to 8 ft.	40	4 00	25 00
Catalpa Speciosa, 6 to 8 ft.	40	4 00	25 00
Cut Leaved Weeping Birch, 5 to 6 ft.	50	5 00	30 00
Cut Leaved Weeping Birch, 8 to 10 ft.	75	7 00	48 00

TOOLS AND IMPLEMENTS.

To reduce the cost of gardening it is necessary to have the best tools. A good wheel hoe is as much superior to a common hoe for cultivating a garden as a mowing machine to the sickle in the hay field. All of the following tools have been thoroughly tested, and, for their own particular class of work, have given splendid satisfaction. If you desire it, we will send illustrated and descriptive catalogue or circular of any of these tools.

PLANET JR. NO. 3 SEED DRILL.—We regard this drill as the acme of perfection, and most decidedly the best sower made. It will sow perfectly either in a continuous row or drop the seed in hills, either four, six, eight, twelve or twenty-four inches apart. It opens the furrow, drops in hills or drills, covers, rolls down and marks the next row, all at one operation. The hopper holds three quarts. The wheel is thirteen inches high. It is changed in a moment from hill dropping to drill work. It has a force feed, sows equally well whether the hopper is full or contains only a paper of seed. It is nicely adapted to all conditions of land, working especially well in fresh ground or when planting on a ridge. Price \$9.00.



PEERLESS GARDEN CULTIVATOR.

PLANET JR. COMBINED DRILL, WHEEL HOE, CULTIVATOR AND PLOW. This is the most popular tool we have ever sold. As a plow it opens furrows, covers them, hills, plows to and from, etc. As a hoe, it works safely to and from both sides of the row at once, or between rows, working all rows from eight to sixteen inches wide at one passage. As a cultivator, it is admirably adapted to deep mellowing of the soil. It sows all garden seed accurately at the desired depth, opening, covering, rolling down and marking the next row all at one passage in the most reliable and perfect manner. Each machine is sent out with the tools shown in the cut. Price \$9.00.

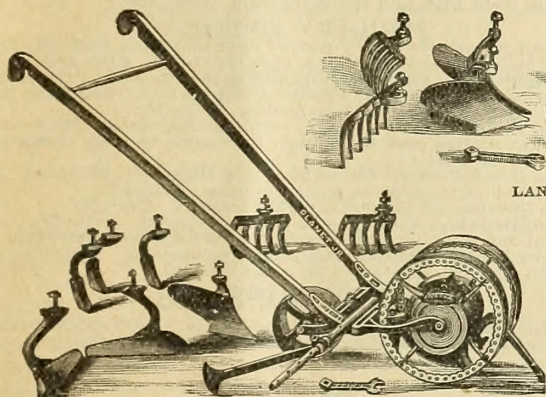
PLANET JR. NO. 4 COMBINED SEEDER AND CULTIVATOR.—The latest improvement for 1897. While we have not personally tested this machine, still it comes from a good factory and has apparently so many good points that we offer it with confidence. It will drop the seed either in a continuous row or in hills, 6, 9, 12, 18 and 30 inches apart. The drill is easily detached and the tool frame substituted. Has all the attachments shown in cut. We predict a great demand for this tool. Price complete \$10.00. As a drill only \$7.00. Attachments can afterwards be purchased for \$3.50, to make a complete machine.

PLANET JR. NO. 15 SINGLE WHEEL HOE.—Another new tool for 1897, being same as above only without the drill attachment. Price \$6.00.

PLANET JR. HILL DROPPING DRILL (Double Wheel).—Much like No. 3, seed drill, but it has two wheels, and is for that reason preferred by some gardeners. It holds two quarts and sows all kinds of garden seed with the greatest regularity, either in drills or hills. Price \$10.00.

PLANET JR. DOUBLE WHEEL HOE.—The most practical tool made for gardeners. Each tool is sent out with the attachment shown in cut. The arch is high enough to enable the operator to work both sides of the row at once until plants are eighteen inches high; then the wheels can be set to run close together and work between the rows. Leaf guards (detachable) go with each machine, to be used when plants extend into a wide row. This tool is light, very simple, very strong, made of the best material and highly finished, and nothing exceeds the variety and perfection of work it performs. It will do the work of six men with ordinary hand hoes. Price \$6.00.

THE PLANET JR. PLAIN DOUBLE WHEEL HOE.—Like the machine just described, except that it has no attachments except one pair of hoes. It is just the thing for onion growers and others who want a hoe only, at a small cost. Price \$3.50.

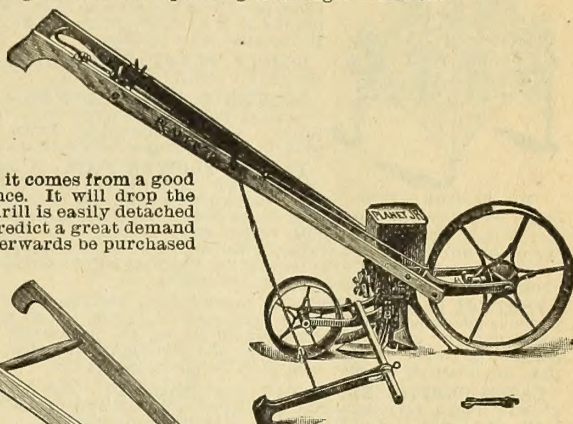


PLANET JR. COMBINED DRILL.

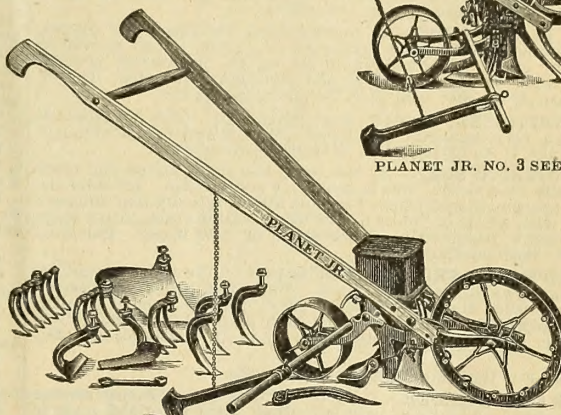
really surprised at the ease with which it worked, cultivating and thoroughly pulverizing hard, unplowed ground. The handles are shaped so that they rest easily on the hands, and the wheel is so high, (23 inches) and broad-tired that it is no more work to cultivate with it than to trundle an empty wheel-barrow. Price \$5.00.

McGEE GARDEN CULTIVATOR or SPRING HOE.—The invention of a practical onion raiser, who knew just what was wanted and how to make it. It has two wheels connected by an arch attached to frames by a lateral spring, enabling the user to almost "finger-weed" the crop, as the machine is under such complete control. Onion growers claim this is the best cultivator for onions. With each tool there is a pair of knives, that operate as hoes, and a pair of cultivators. Price \$4.40.

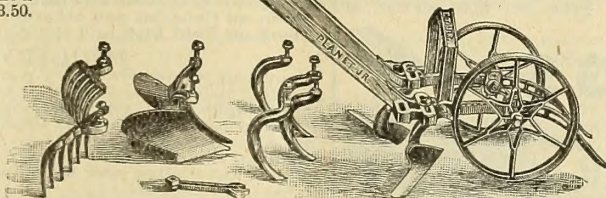
MATTHEW'S DRILL.—This is the old original Matthews, and is of especial value in sowing beet, parsnip and other difficult seeds. When in operation, it opens the furrow, drops the seed accurately at the desired depth, covers it and lightly rolls the earth down over it, and at the same time marks the next row, all of which is done with mechanical precision, by simply propelling the drill forward. A simple contrivance accurately gauges a uniform deposit of the seed to any required depth, thus avoiding the risk of planting at irregular depths, so deep in places as to destroy the seed. Price \$8.00.



PLANET JR. NO. 3 SEED DRILL.



PLANET JR. NO. 4 SEEDER AND CULTIVATOR.



PLANET JR. DOUBLE WHEEL HOE.

most perfect, and with the teeth turned backward it is admirable for trashy ground and leveling, and for crops just breaking through the surface. Price \$7.50, or without pulverizer \$6.15.

THE PLANET JR. NO. 8 HORSE HOE.—Probably no other cultivating machine is so widely known as the "Planet Jr." Combined Horse Hoe and Cultivator, for it is in use throughout the civilized world. It is so strongly built as to withstand incredible strain, yet it is light and easy to handle. The No. 8 combines all the latest improvements. Levers adjusting it in width and regulating the depth. Everything about the machine has been improved. Ask for circular, gives full description. Price \$7.50.

PEERLESS GARDEN CULTIVATOR.—This new tool has many features which will recommend it to the practical gardener. When we tested it we were

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The moldboard is tempered and polished steel. Price only \$2.00.

PLANET JR. TWELVE-TOOTH HARROW, CULTIVATOR AND PULVERIZER. For fine cultivation, either deep or shallow, this has no equal. The recurved throat and high frame prevents clogging, and the reverse position is given to the teeth in a short time by changing a single bolt in each. It is provided with a new lever wheel, used to regulate the depth with exactness; also with a pulverizer, which leaves the ground in the finest possible condition. As a harrow, the work done is superior. When used as a cultivator, it is most perfect, and with the teeth turned backward it is admirable for trashy ground and leveling, and for crops just breaking through the surface. Price \$7.50, or without pulverizer \$6.15.

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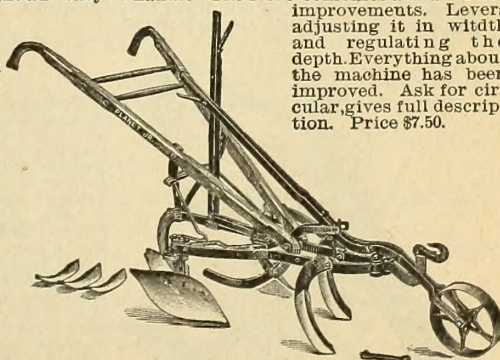
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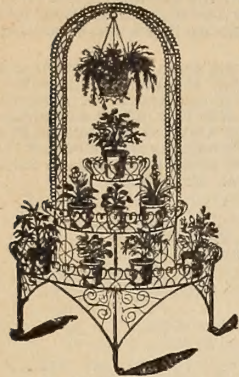
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PLANET JR. NO. 8. HORSE HOE.

FIREFLY WHEEL GARDEN PLOW.—Veg-etable gardening made a pleasure. Will both plow the garden and attend to the cultivating and weeding throughout the gardening season.

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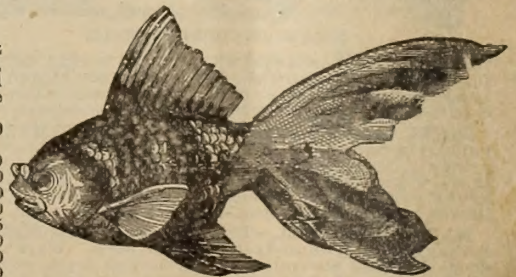
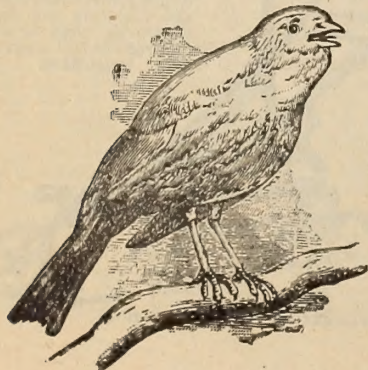
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Lettuce.....	12, 13, 26	Amaranthus.....	46	Dahlia.....	50	Marvel of Peru.....	53	Verbena.....	58	Miscellaneous.....	64
Mangel Wurzel.....	18	Anagallis.....	46	Daisies.....	49	Matricaria.....	52	Vinca.....	58	Nursery Stock.....	62
Martynia.....	53	Amogallia.....	46	Datura.....	49	Maurandia.....	52	Violet.....	58	Poultry Supplies.....	64
Melon, Musk.....	13, 27	Antirrhinum.....	46	Delphinium.....	48	Mignonette.....	53	Wallflower.....	58		
Melon, Water.....	13, 28	Aquilegia.....	46	Diamond Flower.....	2, 49	Mimulus.....	52	Wahlenbergia.....	58		
Melon, Citron.....	28	Arabis.....	46	Dianthus.....	3, 49	Mimulus.....	52	Whittlavia.....	58		
Mougrl.....	11	Argemone.....	46	Digitalis.....	48	Mimulus.....	52	Wild Cucumber.....	58		
Mushrooms.....	11	Asperula.....	46	Dolichos.....	48	Mimulus.....	52	Wisteria.....	58		
		Asters.....	4, 45	Edelweiss.....	50	Mixed Flower Seed.....	59	Xeranthemum.....	58		
				Eschscholtzia.....	50	Moon Flower.....	52				

ECONOMY IN THE GARDEN

.....BARGAINS IN SEEDS

COLLECTIONS.

.... PRICES, VERY LOW

NO TROUBLE TO SELECT.

THESE COLLECTIONS ARE ALL PUT UP READY FOR MAILING BEFORE OUR BUSY SEASON BEGINS AND THEREFORE CANNOT BE CHANGED OR DIVIDED.

A Complete Garden.

35 VARIETIES FOR \$1.00.

All Good, Desirable Sorts... Sure To Please You.

Consists of One Full Sized Packet Each of Improved Golden Wax Beans, Old Homestead Pole Beans, Market Gardeners' Beet, Henderson's Snowball Cauliflower, Washington Wakefield Cabbage, Short Stem Drumhead Cabbage, Oxheart Carrot, Early Sunrise Corn, Golden Self-Blanching Celery, Country Gentleman Corn, Perfect White Spine Cucumber, Improved Ground Cherry, American Mammoth Brussels Sprouts, Page's Striped Rice Pop Corn, Iceberg Lettuce, Improved Hanson Lettuce, I. S. Co's Improved Green Nutmeg Musk Melon, Duke Jones Watermelon, Large Red Wetherfield Onion, Mammoth Prizetaker Onion, Nott's Excelsior Peas, Non Plus Ultra Radish, Perpetual White Summer Radish, Improved Table Guernsey Parsnip, Royal King Pepper, Sibley Squash, Long Standing Spinach, Mammoth Sandwich Island Salsify, Market Gardener's Parsley, Early Minnesota Tomato, Matchless Tomato, White Egg Turnip, Purple Top Strap Leaf Turnip, Monarch Ruta Baga, and Vine Peach.

Total 35 full sized packets sent postpaid for \$1.00; at regular catalogue price they amount to \$2.05.

CHILDREN'S COLLECTION.

To encourage the children and induce them to begin having a garden "all their very own," we offer this collection, consisting of one packet each of Beet, Cucumber, Lettuce, Radish, Onion, Pop Corn, and Sunflower. In all seven full sized packets postpaid for **ONLY 15 CTS.**

Flowers for Everybody.

50-CENT POPULAR COLLECTION.

Consists of one packet each of Sweet Alyssum, Aster, Balsam, Candytuft, Dianthus, Convolvulus, Cypress Vine, Canna, Cockscomb, Larkspur, Ice Plant, Mignonette, Nasturtium, Petunia, Pansy, Poppy, Phlox, Sweet Peas, Sunflower and Zinnia. Total 20 packets for 50c.

25-CENT BARGAIN COLLECTION.

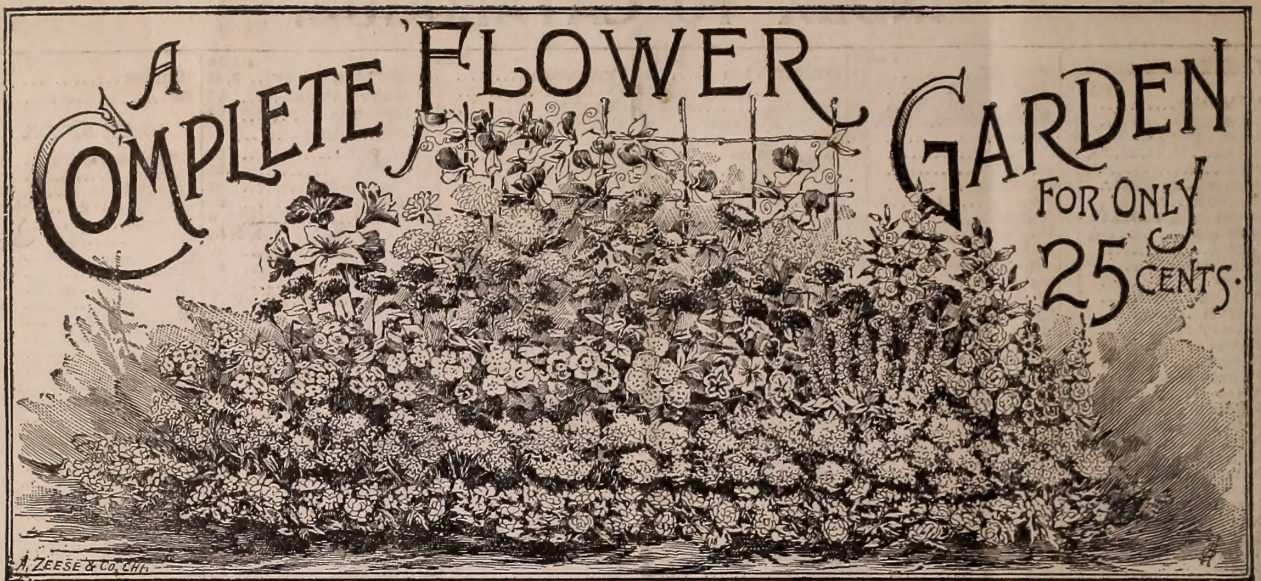
Consists of one packet each of Petunia, Cypress Vine, Eschscholtzia, Balsam, Phlox, Aster, Pink, Pansy, Mignonette, Sweet Peas, Zinnia, and Verbena. Total 12 packets for 25c.

10-CENT TRIAL COLLECTION.

Consists of one packet each of Balsam, Candytuft, Pinks, Mignonette, Pansy and Sweet Peas. Total 6 packets for 10c.

50-CENT GEM COLLECTION.

Consists of one packet each of the following novelties: Aster, Royal Mixed; Centaurea, Pink Marguerite; Datura, Cornucopia; Japanese Morning Glory; Cockscomb, Golden Glow; Dianthus, Fireball; Pansy; International; Larkspur; American Banner; Nasturtium, Gay and Festive, and Cupid Sweet Peas. Total 10 packets for 50c.



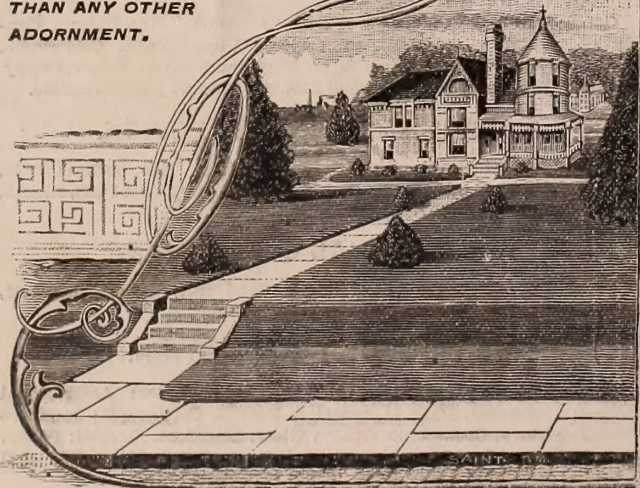
12 Packets Choice Flower Seeds.

Consisting of one full size packet each of Petunia, Balsam, Cypress Vine, Eschscholtzia, Phlox Drummondii, Asters, Dianthus Pink, Pansy, Mignonette, Sweet Peas, Zinnia and Verbena, mixed colors and varieties of each for 25 cents.

These collections are put up and cannot be changed or divided.

A Nice Lawn

✻
 ADDS MORE TO THE VALUE
 AND BEAUTY OF A PLACE
 THAN ANY OTHER
 ADORNMENT.



A Beautiful Lawn

Costs very little and is easily prepared by following printed directions which we furnish free. We handle Lawn Grass Seed, Fertilizers, Lawn Mowers, Mole Traps, Rubber Hose and everything for the lawn.

Anchor

YOUR HOPE

FOR A GOOD GARDEN
 TO OUR

Choice
 Iowa
 Seeds.

