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ANNALS, APR 30

HENRY F. MICHELL,

RECEIVED
HORTICULTURAL AND POMOLOGICAL
INVESTIGATIONS

7/5 May 5

62.73

1018 MARKET ST.

CBS

PHILADA.



1895

MICHELL'S SELECTED
ECKFORD'S LARGE FLOWERED
SWEET PEAS
CHOICEST MIXED OF OVER
25 BEST SORTS.

Per Packet	5 ¢
Per Oz.	10 ¢
Per Lb.	\$ 1.00
6 Lbs. for	\$ 5.00

OUR SEEDS

Philadelphia, January 1st, 1895.

have all been grown this past season on contract by **STRICTLY** the most reliable growers and specialists, and our customers may rely upon getting the very best **FRESH, TESTED, SEEDS.**

Our Stock of Implements _____ _____ Is New and Complete

AND AT MODERATE PRICES.

We Carry in Stock

Everything

For the

GARDEN,

LAWN AND

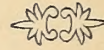
GREENHOUSE

Dutch Bulbs

We import a very extensive stock of HYACINTHS, TULIPS, DAF-FODILS, EASTER LILIES, etc., from the most reliable growers in Holland, Bermuda, etc. Usually arrive from abroad about September 1st. Illustrated Catalogues will be mailed to all customers and applicants.



Our new building, erected last summer.
Depth, 190 feet.



HOW BEST TO REMIT.

Remittances should be made either in the form of a **P.O. Money Order, Bank Draft, Express Money Order, Express Purchasing Order, or Registered Letter.** Remittances in any other way are entirely at the sender's risk.

Give full shipping instructions on each and every order you send. To avoid chance of error, never write letters on the same sheet as your order.

We pay the postage on all seeds in packets and ounces purchased from this catalogue.

We only charge postage on bulk quantities, viz.: At the rate of eight cents per pound, Peas and Beans at the rate of fifteen cents per quart, and Corn at the rate of ten cents per quart.

We make no charge for cartage or delivery of goods to any railroad station, steamship line or express office, in Philadelphia.

The safe arrival is guaranteed of all goods sent by express to any part of the United States.

We make no charge for packing cases, baskets, packages or barrels, and pack as lightly as possible, consistent with safety, so as to reduce the cost of carriage.

Correspondence, Advice, etc. We are always glad to give any information in our power to our customers on any subject pertaining to our business.



To Gentlemen Wishing the Services of a Gardener

We have on our register the names of very good men who are open to take a position. We will be careful to recommend only such men as would be most suitable, and with best of references.

We positively make no charge for this service, either to employer or employee, and exact no obligations whatever, as we consider it a strictly BUSINESS MATTER and a PART OF OUR SEED BUSINESS.

To Gardeners Wishing Situations.....

We frequently have calls for first-class gardeners, and to supply such openings we cheerfully ask gardeners who are in want of a position, to apply to us, and we will endeavor to find a suitable place for good men.

HENRY F. MICHELL,

No. 1018 Market Street, Philadelphia, Pa.

HENRY F. MICHELL.
FRED. J. MICHELL.



RED FLOWERED DOGWOOD

CORNUS FLORIDA FLORE RUBRO

Much has been written of the beauty of the Red-Flowered Dogwood, but we feel sure that nothing we could say would impress you as much as the lithograph which is herewith presented for your inspection. One of our correspondents has a specimen plant, 7 feet high, that had no less than 500 flowers on it when it bloomed last May. It stands in a border with other trees and was so conspicuous that it immediately attracted the eyes of all who passed near it. Planted as a single specimen on a lawn it is beautiful, but grouped with the white-flowered variety, the attractiveness of both sorts is greatly enhanced.

We can supply strong plants of both sorts at the following prices:

Red-Flowered Dogwood, 2½ to 3 feet, bushy, at \$1.00 each, or \$9.00 for 10.

White-Flowered Dogwood, bushy, 3 to 4 feet, 75 cents each, or \$6.50 for 10.

HENRY F. MICHELL

SEEDS ^{BULBS AND} IMPLEMENTS

1018 MARKET STREET
PHILADELPHIA, PA.

Success! "Victory!"

At Last we have *Discovered* a sure remedy for destroying *Scale, Mealy Bug, Thrip, Red Spider, Black and Green Fly, and Mildew.*

Lemon Oil Insecticide,

SOLUBLE IN WATER.

DIRECTIONS FOR USE WITH EACH CAN.

This new Insecticide is introduced for the first time in the United States, but has been for some time a marvelous success in England. It is a sweet-smelling, milk-white soapy wash that can be trusted in the hands of the most careless operator, as they cannot get wrong, being perfectly safe and harmless to the tenderest foliage and roots. It effectually destroys mealy bug by syringing or dipping. It also destroys scale, thrip, red spider, black and green fly, caterpillar, American blight, mildew, &c. The above acts as a fertilizer when not too strongly used. The "Lemon Oil" is a capital wash for dogs; it cures mange, destroys insects, and removes impurities from the hide. Half a pint to two quarts of water will destroy all insects in hen pens, &c.

Read the following testimonials from well-known Growers who have tried and used this Lemon Oil:

Mr. H. F. MICHELL,

49TH AND MARKET STREETS, PHILADELPHIA, PA., JAN. 10, 1895.

Dear Sir:—The "Lemon Oil" Insecticide sent me for trial has proven very effectual in killing mealy bug, red spider and greenfly; we diluted it according to directions and dipped the affected plants in the solution; it killed mealy bug on coleus without injury to the plants; it is also very useful for loosening the black scale on palms, so that they may easily be washed off with a sponge; for the latter purpose it is the best thing I have tried.

Yours truly,
ROBERT CRAIG.

GREENHOUSES, GOVANSTOWN, MD.

Dear Sir:—Having given Campbell's "Lemon Oil" Insecticide a thorough trial on mealy bug, scale, and red spider, we cheerfully pronounce it a very valuable insecticide, as it destroyed the insects without injuring the plants in the slightest, even when used on orchids with young roots and growths, also when used on coleus for mealy bug.

Yours truly,
BRACKENRIDGE & CO.

326 N. CHARLES STREET, BALTIMORE, MD.

Dear Sir:—I have given your Campbell's "Lemon Oil" Insecticide a fair trial upon palms for three kinds of scale that infested them, in connection with the mealy bug, and find that it was most effectual in destroying them, when applied according to directions, or by applying the mixture with a brush.

With regard to Campbell's Fumigator, I gave it a trial upon one house infested with the aphid, and found it most effectual in destroying them without injury to the tenderest foliage.

Yours truly,
JAMES PENTLAND.

CHARLES-STREET AVE. AND CLOVER HILL, BALTIMORE, MD.

Dear Sir:—I have given your "Lemon Oil" Insecticide a most thorough trial on all plants infested with green fly, scale, mealy bug, caterpillars on roses, etc., and have much pleasure in pronouncing it by far the best insecticide I have ever used, as it does its work effectively without the slightest injury to the tenderest flower or foliage. I have also tried it in chicken houses with admirable results.

Yours truly,
JOHN JOHNSON,
Gardener to S. C. Mason, Esq.

GOVANSTOWN, BALTIMORE COUNTY, MD.

Dear Sir:—In response to your request for my opinion of your "Lemon Oil" as an insecticide, I can say that I have found it to be very effective in destroying insects on plants. As an evidence of my faith in it as such, I herewith enclose an order for more, as I consider that using it saves time and labor in keeping plants clean.

Yours truly,
ISAAC H. MOSS.

ST. MARY'S, GOVANSTOWN, MD.

Dear Sir:—Having tried your "Lemon Oil" Insecticide, I have much pleasure in pronouncing it by far the cheapest and most effectual insecticide ever used. I have tested it on all kinds of tender plants without the slightest injury to the foliage, but with deadly effect on the insects. I can recommend it with the greatest confidence to my brother gardeners who have not yet tried it.

Yours truly,
R. REID,
Gardener to H. Walters, Esq.

Half-Pint, 25 cts.; Pint, 40 cts.; Quart, 75 cts.; Half-Gallon, \$1.25;
Gallon, \$2.00; 5 Gallon Kegs, \$9.00; 10 Gallon Kegs, \$17.50.

FOR SALE ONLY BY

HENRY F. MICHELL,

Seedsman,

1018 Market St., Philadelphia.

Henry F. Michell.
Fred. J. Michell.

NOVELTIES AND SPECIALTIES IN FLOWER SEEDS.

DESCRIPTIONS GIVEN BY THEIR RESPECTIVE INTRODUCERS.



GUILLAND CARNATION. (Riviera Market.)

Our seed is from Mr. Guilland's original collection.

This new Carnation has been obtained by careful selection from the Margaret, and is *far superior* to it or any other carnation seed ever offered; the flowers are of *larger size, better substance, greater doubleness*, and *more varied markings and colorings*, many having grounds and shadings of *yellow*, a color which is very rare in carnations. *The Guilland Carnation* will also, like the Margaret, bloom when the seedlings are only about three months old, and if taken up in the fall the plants will bloom during the winter, yielding an abundance of the handsomest and most fragrant flowers. Choicest mixed, per pkt. 35c.

BEGONIA ERFORDI.

New hybrid between Begonia Schmidtii and Begonia Semperflorens Vernon. The flowers, of a lovely, rosy carmine, appear most profusely in loose clusters, and form a beautiful contrast to the dark foliage. The plants attain a height of about twelve to fifteen inches, and are literally covered with flowers during the whole season. Original pkt. 20c., three pkts. 50c.



Mignon Aster.

ASTER MIGNON—MIXED.

81 The Mignon Aster is now a well-established popular favorite, and in habit resembles the Victorian section; the plants are semi-dwarf and bear, when well-grown, forty to fifty flowers, which have deeply imbricated florets, are of beautiful shape, and unsurpassed for cutting purposes. For pot culture also the plant is a treasure, bearing as it does its lovely flowers with an indescribable grace, and having none of that stiffness characteristic of some other classes of aster.

Choice mixed. Per pkt. 15c.

83 Aster—Betteridge's Quilled Yellow.

Sulphur yellow. Remarkably handsome variety of this free-blooming class. The flowers, being globular, quilled and very double, show the most clearly pronounced yellow ever known among asters.

Per pkt. 15c., 2 pkts. 25c.

76 Aster—Vick's Branching. Pkt. 15c.

See page 22.

87 Aster—Semple's New Strain Mixed.

Pkt. 15c., 1/8 oz. 50c.

See page 22.

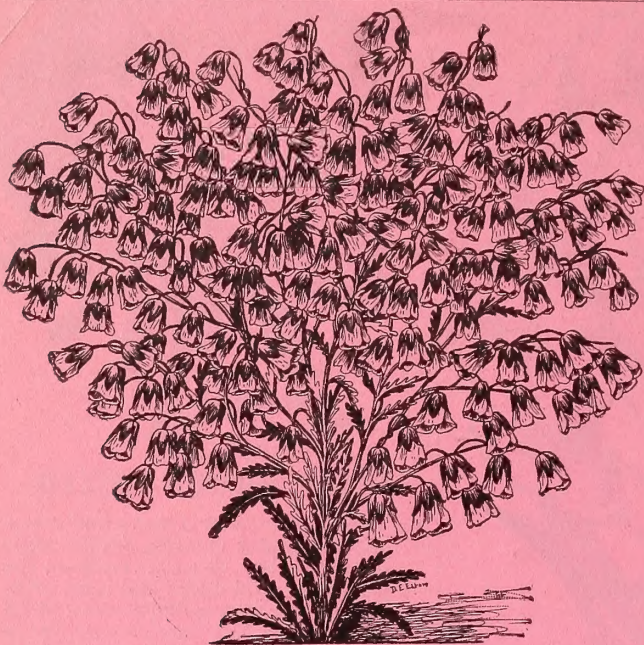
88 Aster—"Lady in White." Two features distinguish this aster at the first glance from all others existing—a hitherto unapproached freedom of flowering and a perfectly distinct foliage. Whereas in all known asters the leaves are ovate, *i. e.*, broad at the base and tapering slightly towards the top, those of this new variety are ensiform, *i. e.*, of a long and very narrow shape, and a striking light green in color.

These two qualities combined give to the plants an extremely graceful appearance and relieve them of that stiffness common to most other classes of aster.

In their free-branching habit these plants resemble the Mignon Aster introduced by me some years ago and from which this new variety has been obtained. The flowers are elegantly borne on very slender stalks, and have exactly the same graceful semi-globular form as the Mignon. No plant produces less than 40 buds, while some bear as many as 70, which come into flower gradually and so prolong the blooming period into the late autumn.

We have in this new aster a novelty of the first rank, and the "Lady in White" will doubtless attain a wide popularity, as it is of inestimable value for bedding, for pots and especially as a cut flower. Per pkt. 25c.

NOVELTIES AND SPECIALTIES.



CALIFORNIA YELLOW BELLS.

212 This is one of the loveliest of all annuals which has escaped the attention among lovers of flowers. The seed is yet scarce, and will be for some seasons to come. We have succeeded in saving a sufficient quantity to admit of our offering it to the trade. Per pkt. 15c., 2 pkts. for 25c.



NEW DWARF CORN FLOWER.
BACHELOR'S BUTTON OR BLUE BOTTLE.

291 I am now in a position to offer to the trade for the first time, varieties of the charming miniature blue Cornflower—*Centaurea Cyanus Victoria*—already known and prized everywhere. In height and habit they are similar to the parent form, and comprise flowers of white, lilac, rose, light blue and brown-red tints, thus causing a bed of them to present quite a gay aspect. These little cornflowers make a fine show in spring and are especially suited to autumn sowing, as they are capable of withstanding severe cold. I may also mention that the young seedlings bear transplanting well. Choicest mixed, per pkt. 20c., 3 pkts. for 50c.

DATURA CORNUCOPIA.

“HORN OF PLENTY.”

347 From the wilds of South America. The singular form, gigantic size, striking colors and pleasant odor of the flower make this novelty most conspicuous. We have grown it at our nurseries during the past summer, where it has been seen by many of the leading seedsmen and florists of this country and Europe, and considered the most desirable novelty of easy culture. The plant is of a very robust habit. The branches are very numerous, spreading symmetrically three or four feet in every direction. The flowers are trumpet-shaped, measuring eight to ten inches in length and five to seven inches across the mouth, and form three distinct flowers growing each within the other. They are produced in great abundance, a single plant giving easily from 200 to 300 fragrant blooms during the season. Of the easiest culture, requiring to be planted at the end of May, in a warm rich soil. It can be cultivated as an isolated specimen, in masses, for centres of beds, or to fill barren places. In either case it produces a striking effect. Seeds, per pkt. 10c.

NEW WHITE FORGET-ME-NOT.

“JEWEL.”

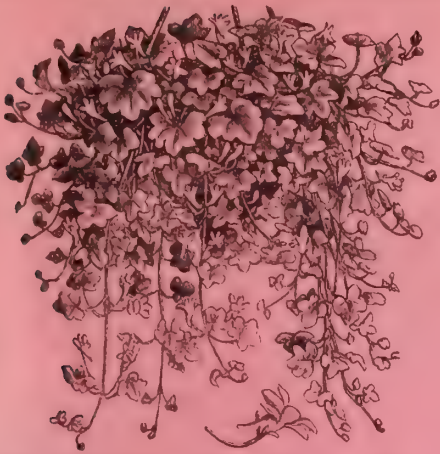
613 A variety with pure white flowers. The plants grow very strong and compact, forming solid ball-shaped bushes of about six inches in height. Per original pkt. 10c., three pkts. 25c.



DATURA

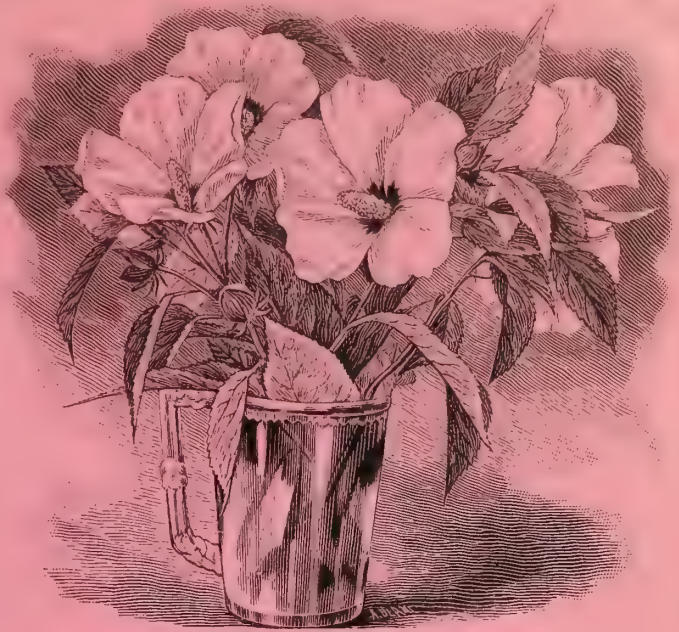
CORNUCOPIA

NOVELTIES AND SPECIALTIES.

**KENILWORTH IVY (NEW WHITE).****LINARIA CYMBALARIA FL. ALBO.**

536 Very pretty new variety of the trailing "*Kenilworth Ivy*," differing from the original species with light violet flowers, by its light green, glossy foliage and its *pure white* flowers. It is of vigorous growth and may either be cultivated as an annual or as a perennial. For covering rockwork or walls or for hanging baskets there is hardly a more suitable plant to be found—thriving equally as well in the shade as in the full sun.

Per original pkt. 20c., 3 pkts. for 50c.

**NEW HIBISCUS.****"CRIMSON EYE."**

502 This elegant strain of Hibiscus originated with us, and after many years of careful selection we have it entirely distinct, always coming true from seed. It is a robust grower, averaging

four feet in height, with dark red stems and foliage. The flowers are immense in size, often measuring TWENTY INCHES IN CIRCUMFERENCE. The color is of the purest white, with a large spot of deep velvety crimson in the centre of each flower. It is a striking combination of color and one that must be seen to be fully appreciated. A well-developed plant will produce several hundred of these flowers in a season. It will succeed anywhere, and is perfectly hardy—blooming the first year from seed sown in the open ground. Seeds, per pkt. 10c., 3 pkts. for 25c.

**HYACINTH BEAN.****NEW YELLOW.**

520 This luxuriantly flowering vine is a most welcome addition to the list of annual climbers, and as a late, beautiful and prolific bloomer should have a place in every flower-garden, or wherever bare walls or unsightly objects are to be hidden from the eye.

It blooms later in the season than other varieties, being at its best when earlier climbers are brown and dead.

Erect racemes of bright yellow blooms, similar in shape to half-opened pea blossoms, form at every joint, and the leaves and stems are covered with downy grayish hairs, producing a most novel effect. The outer surface of the petals is rich brown, interior space or standards soft, glowing canary-yellow. The blossoms are succeeded by slender, rounded pods, which lend additional beauty to the vines, and are far more effective than the broad, coarse pods found in other varieties. In our trials the past season at the FORDHOOK FARM, the denser foliage of this *new Dolichos* stood out in striking contrast to others, covering the poles with a heavy mass of vines when most other varieties were but half-way up the poles. Per pkt. 10c., per oz. 25c.

**LOBELIA ERINUS COMPACTA.****"GOLDELSE."**

557 A golden-foliaged form of the very popular and useful dwarf Lobelia section; it is quite a contrast to the dark-leaved varieties and exceedingly attractive. Neat and compact in habit, the flowers are of good size and of a beautiful dark blue color. A most valuable variety for bedding purposes, as well as for edgings and for cultivating in pots. Coming quite true from seed.

Pkt. 10c., 3 pkts. 25c.

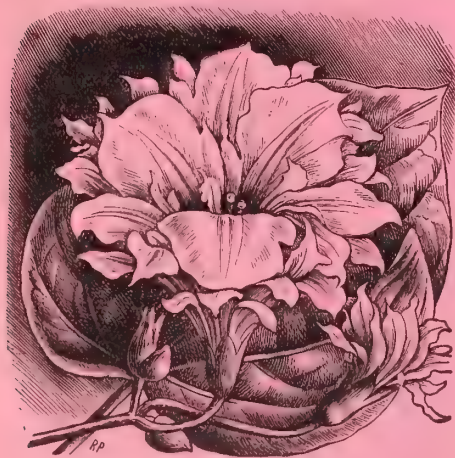


MIGNONETTE "GABRIELE."

632 This very popular French variety, much improved by careful selection for over four years, can be relied upon to produce immense spikes of flowers. They thrive best in a cool place and deep rich soil. If extra large spikes are wanted the side shoots should be disbudded. Pkt. 10c., 1/4 oz. 35c., oz. \$1.25.

**MORNING GLORY.
NEW DOUBLE.**

530 The number of hardy annual climbers is not very



Ipomœa Purpurea Fl. Pleno.

great, and we do not doubt a moment but that this first double fld. *Convolvulus major* (Morning Glory) ever introduced will be greeted as a welcome addition to this class of plants. It is of rapid growth and produces its double flowers very freely, resembling in form those of the *Calystegia pubescens* fl. pl. They are white with a slight spot of red or of blue at the base of the larger petals. About 80% of the seedlings will reproduce themselves true from seed, the remainder will flower semi-double or single. As a blue variety has shown itself in our cultures this season, we presume that all the other colors of the single fld. Morning Glory will be produced by hybridizing before long. Per original pkt. 20c.

GOLDEN YELLOW DOUBLE SCABIOSA.

882 Comes almost true from seed. The plants of this pretty and useful novelty are semi-dwarf and bushy, and bear in great profusion compact double flowers of a very fine golden yellow color, which are admirably adapted for cutting. A yellow scabiosa having been long looked for, I do not doubt that this introduction will secure a large share of popular favor. Pkt. 10c.



Ipomœa Hederacea Marmorata Rosea.

NEW SPOTTED MORNING GLORY.

529 Handsome new variety of Ivy-leaved Morning Glory with large rose marbled flowers. Per pkt. 20c., 3 pkts. for 50c.

**PETUNIA "AURORA."
NEW DOUBLE ROSE COLOR.**

739 A welcome addition to the large-flowered section of double-flowering petunias. The flowers are of medium size and of a charming delicate rose color, the attractions of which are much en-



New Double Petunia "Aurora."

hanced by the deep crimson purple veining with which each petal is intersected. Original pkt. 25c.

NEW ANNUAL PINKS.

371 This new variety represents a beautiful acquisition to



Dianthus Laciniatus—Salmon Queen.

the annual Pinks. Its flowers are of a very distinct and perfectly new tint in this class; they are of the most brilliant salmon color imaginable. The flowers are well formed and nicely fringed; the plants attain a height of 10 to 12 inches, like the other varieties of *Dianthus Heddewigi*. 75% to 80% of the seedlings will come true from seed. Pkt. 20c., 3 pkts. for 50c.



ECKFORD'S NEW GIANT WHITE SWEET PEA.
 "BLANCHE BURPEE."

924 A white-seeded, pure white, of exquisite form and immense size, having a bold, rigid upright, shell-shaped standard, of great substance, a wonderfully profuse bloomer and absolutely free from the objectionable notch so conspicuous in "Queen of England" and "Emily Henderson," etc. It usually bears three flowers on a stem. *A very chaste variety and by far the finest white sweet pea ever produced.* Per pkt. 25c., 5 pkts. \$1.00.



NEW GIANT CASTOR BEAN.

Ricinus Zanzibariensis Enormis.

791 The new variety named above produces enormously large leaves, being brownish purple when in a young state, and changing into dark green with reddish ribs later on. The seeds are the largest of all varieties, being white marbled with black.

Per original pkt. 20c., 3 pkts. for 50c.



NEW SWEET PEA AMERICAN BELLE.

COPYRIGHTED 1894
 W. A. BURPEE & CO.

900 It shows an important departure from the colorings and markings of all other varieties, being neither striped nor mottled, but distinctly spotted. The standard is clear, bright rose of uniform coloring; wings of crystal white with bright purplish carmine spots; the flowers are very large, of good substance, and finely formed, while the standard does not have that tendency to droop so common in other large-flowered varieties. Of such good substance are the flowers that they remain perfect and keep well in a bouquet for a long time, thus rendering this variety most desirable for cut flowers.

Per pkt. 10c., per oz. 30c.

WHITE SWEET PEA.

"EMILY HENDERSON."

904 A gloriously beautiful acquisition of American origin. Absolutely pure white, as clear as alabaster and as lustrous as satin.

Per pkt. 10c., per oz. 25c.

NEW DWARF SALVIA.

"CLARA BEDMAN."

838 One of the showiest and most brilliant color plants in existence; its habit is very dwarf and has twice as many flowers on the plant at one time as the older variety *Salvia Splendens*.

Pkt. 15c., 4 pkts. 50c.

NEW SPOTTED TORENIA.

"*Torenia Fournieri Grandiflora Cœlestina.*"

975 Very attractive and beautifully tinted variety of this lovely annual; flowers white, with light azure blue spots. To be recommended for pot culture and for flowering beds on sheltered borders.

Per original pkt. 15c., 4 pkts. for 50c.



Houstonia Cœrulea. From a Photograph.

**HOUSTONIA CŒRULEA.—BLUETS,
or Quaker Lady.**

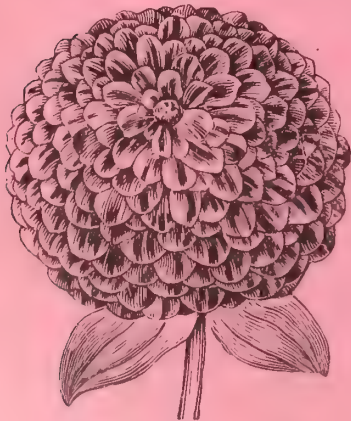
514 It is certainly a gem of beauty and neatness. As soon as spring sets in it opens its bright little flowers and continues blooming profusely until the middle of June. The plants fairly carpet the ground, presenting a perfect mass of bloom at a height of only three or four inches. At first sight the whole appearance of the plant is that of a *Lobelia*, but upon closer examination you will find that it is quite different. The flowers are bell-shaped, color either light blue or pale lilac, with a yellow centre. When the flowers are past, the plants form neat little rosettes which fairly carpet the ground. It delights in half-shady positions and thrives as well on dry as on moist land. It grows easily from seed and will bloom the first season. It is very hardy and lives through the coldest winters. Per pkt. 15c., 2 pkts. for 25c.

**STOCK.—Large-flowering Dwarf Winter or
Brompton "Sunrise" (Benary).**

886 After several years of careful culture I have succeeded in fixing the above new variety, which seems to be the result of an accidental crossing between the Emperor and Cocardeau Winter Stocks. It is about 8 to 10 inches high, of a decided candelabra-formed habit, and the numerous flower-spikes are thickly studded with beautiful large blossoms. The color of the flowers is a bright rose with metallic lustre, such as has not yet appeared in any biennial Stock. The "Sunrise" has proved itself to be very hardy, and about 70 per cent. of the plants are double. The flowers commence to expand very early and possess the valuable quality of lasting an unusually long time, in fact, more than eight weeks. Even when the flowers are fading, which they do into a somewhat paler shade of rose, the plant retains its attractiveness. This introduction is of high value, both as a market plant and for spring bedding. A group displayed on the occasion of the recent Horticultural Exhibition at Erfurt awakened general admiration. Per original pkt. 25c.

**ZINNIA—New
Dwarf Striped.**

988 We can recommend this semi-dwarf class very strongly, after last season's experience. The seed will produce 60 to 65 per cent. of very fine striped or zebra zinnias, whose range of color includes a great variety of very effective shades. Per original pkt. 10c.



SAINTPAULIA IONANTHA.

875 Discovered on the Usambara mountains in Central Africa, where it grows in the fissures of the rocks, by Mr. Saintpaul Illaire, governor of the district, to whom it has been dedicated as a new genus. The leaves, which are dark green, of fleshy consistence and downy surface, spread themselves laterally just over the soil and form as it were a rosette, in the centre of which spring up quite a bouquet of flowers, violet-like both in color and shape, as the name implies (*ionantha-violet-floweræ*), but one and a quarter inches in diameter, and gracefully borne on stalks two to three inches high.

The clear violet-blue tint of the corolla gradually shades darker towards the centre, where the anthers form a compact golden cluster, contrasting most beautifully with the delicate hue around them. The further contrast between the wealth of graceful flowers and their soft emerald carpeting give the entire plant, which is of neat and compact habit, an indescribable charm. Not only is the *Saintpaulia* very free-flowering, but it commences blooming while the plant is quite young. As soon as the leafy rosette is formed the flowers commence to spring up, and continue their display almost uninterruptedly. As this remarkable new plant belongs to the order of *Gesneriaceæ* the seed is extremely fine and requires similar treatment to that of *Streptocarpus*. It is also readily propagated by division of the leaves, but does not form a bulb, the roots being of a fibrous character. Pkt. 30c., four pkts. \$1.00.

NEW GOLDEN FEATHER.

Pyrethrum Parthenifolium Aureum Crispum.

783 We have great pleasure in offering a new and entirely distinct variety of this very useful plant. The leaves are of a bright golden yellow color and similar in form to the well-known Golden Feather, but distinguished from it, being beautifully curled and crisped, resembling in form curled parsley. The plants are of a strong but dwarf, compact and neat habit. It cannot fail to speedily find its way into every garden. Illustration represents a leaf half natural size. Original pkt. 10c., three pkts. 25c.



NOVELTIES ❁ **VEGETABLES.**

SWEET OR SUGAR CORN "DELICIOUS."



The following testimonials will describe justly this elegant variety:

PHILA.,
Nov. 7th, 1894.
I found this corn to be the most delicious I ever ate, and also came very early, the ears are of medium size, very full of rows and grains, exceptionally sweet and tender; in fact it is by far the finest sugar corn I have ever eaten.
W. K. HARRIS,
55th and
Springfield Ave.

MR. HENRY F. MICHELL,
1018 Market St., Phila.

DEAR SIR:—I planted the sample package of sweet corn received from you last June. It matured ten days earlier than "Country Gentleman" and was of a medium size. It was the sweetest and finest-flavored corn I ever met with, and also remained green longer than any other variety. I would cheerfully recommend it to private market gardeners.

Very respectfully,
JAMES M. DOGGETT, Jr.
Gardener to Geo. W. Wharton, Esq.,
Moylan, Del. Co., Pa.

Price, per pkt. 15c., per ½ pint, 30c.



From a Photograph.

PARAGON PEAS.

INTRODUCED BY
W. H. GRENNELL.

Height 3 feet; double podded, medium late, long, straight pods, six to nine peas.

Stubbed, stocky vine with luxuriant foliage, pods light green; quality superb, not excelled by any pea, and the largest producer known. Pint 20c., qt. 40c., peck \$2.50.

NEW ICEBERG LETTUCE.

Quick Growing. Hard, Handsome Heads.
Exquisite in Flavor.

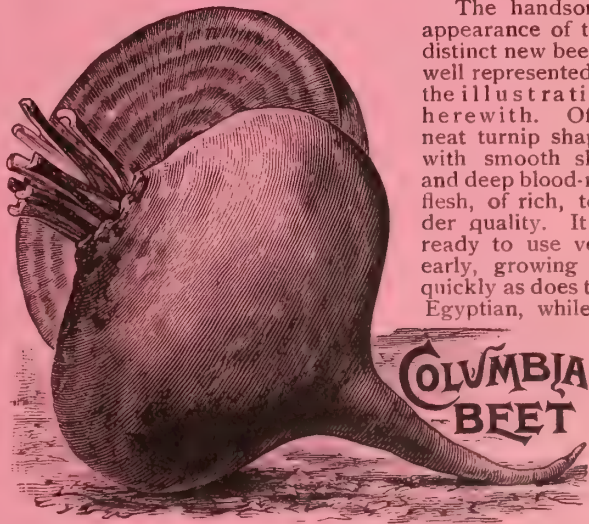


There is no handsomer or more solid lettuce in cultivation; in fact, it is strikingly beautiful. The large, curly leaves which cover the outside of the solid heads are of a bright, light green, with a very slight reddish tinge at the edges; have small in-

dents, which are constantly filled with dewdrops. They are thus kept fresh, and show a remarkably crystalline appearance, which well warrants the name of Iceberg.

The unusual solidity of the heads is insured by the large white main ribs of the leaves, each of which, curving strongly into the centre, acts like a truss, making it impossible for the leaves to open outward and expose the centre, which is constantly thoroughly blanched. It matters not whether in the early spring or the hottest days of summer, the quality is simply perfect. So long-standing and hard are the heads that they seldom shoot up to seed unless cut open with a knife. In all our experience we have seldom seen such superb heads of lettuce, and we confidently recommend the New Iceberg Lettuce as surpassingly fine for the home garden and equally valuable for market; its beautiful appearance insures quick sales. Per pkt. 10c., per oz. 30c.

COLUMBIA BEET.



The handsome appearance of this distinct new beet is well represented in the illustration herewith. Of a neat turnip shape, with smooth skin and deep blood-red flesh, of rich, tender quality. It is ready to use very early, growing as quickly as does the Egyptian, while it

does not become coarse and stringy, as does that variety when of large size. Compared with such famous sorts as Edmand's and Eclipse, the Columbia has proved earlier than either, and even better in quality than these two really first-class varieties. In habit of growth it is remarkably thoroughbred, the foliage being small, neat, and of a rich bronze color. We have received many voluntary letters from our customers, all of whom have been most enthusiastic in praise of the Columbia Beet, both as an early and main-crop variety. We are sure that market gardeners will find it a splendid variety, while its fine flavor as a table beet will delight all private planters. Pkt. 5c., oz. 15c., ¼ lb. 30c., lb. \$1.00.

NOVELTIES PLANTS.

BOUGAINVILLEA GLABRA SANDERIANA.

NOVELTY
1894.



The most useful and brilliant flowering plant known—First-class Certificate Royal Horticultural Society, April 24, 1894—of the most easy culture, either in the greenhouse, conservatory or plant stove, producing its magnificent rosy crimson bracts and yellow blossoms in the smallest pots, under all conditions, in the greatest abundance and amazing profusion.

It affords us great pleasure to offer this new and by far the most useful flowering plant known. We have grown this new Bougainvillea in a greenhouse, where it has continued flowering for seven months, small and large plants alike being covered with blossoms. Even plants in thumb-pots were laden with bloom. The house in which our plants have been cultivated has been a sheet of flowers from May until December, and, at the time of writing (December 30), the plants are carrying thousands of their brilliant blossoms. Many excellent judges state that this will be a favorite market plant, as it produces as freely as a fuchsia its dazzling *rosy crimson flowers*, lasting so long in perfection, and produced in smallest pots, under all conditions, in amazing profusion. We can with all confidence recommend this grand plant as a great acquisition.—*Sander & Co.*

A first-class certificate was awarded Messrs. Sander & Co. by the Royal Horticultural Society for this new plant. Price, 50c. each, \$5.00 per doz.

NEW CANNA—Queen Charlotte.

Decidedly the best Canna offered until now. When seen in groups, or even single, the brilliancy of this fine Canna dazzles the eye. The intense velvety crimson is enhanced and more vividly brought out by the broad golden band. The plant is sturdy and compact, the flowers stand well above the handsome, Musa-like foliage. Each main stem is followed by lateral shoots, thus ensuring an unbroken succession of flowers. Fine plants ready March 1, 1895, or sooner. Price, 75c. each, \$6.00 per doz.

THE WHITE CANNA—Alba Rosea Grandiflora.

Undoubtedly the *most* distinct of all Cannas introduced lately. The unique color makes it conspicuous and distinguishes it from all others, being a delicate flesh, or creamy white, shading to pure pink towards the centre of the flowers. The trusses often measure 2 feet in circumference, and stand well above the bright green foliage. We understand that this is to be offered and extensively advertised in 1895 as "The White Canna." It is certainly a most desirable acquisition, and the nearest approach to a white variety yet raised. Price, 50c. each, \$5.00 per dozen. Delivery March 1st or sooner.

CARYOPTERIS MASTACANTHUS.

(Blue Spiræa.)



This is one of the most brilliant novelties from China that we have to offer this season, and, without doubt, one of the greatest acquisitions. With us it has bloomed ever since May, even in 2-inch pots, and at this date the plants have formed specimens 2 to 3 feet high and wide, which are still a mass of flowers of the most pleasing, rich lavender blue, a color so rare among flowers. It grows more readily than a geranium, even in a dry spot, and it is sure to become a favor-

ite as a cut flower, as a pot plant and for the garden. Plants potted and brought into the house will bloom profusely throughout the winter months, and give an abundance of graceful flowering branches. 30c. each, \$3.00 per doz.

STROBILANTHES DYERIANUS.

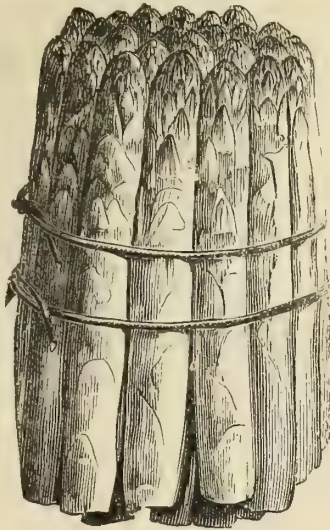
(ROYAL PURPLE.)



A new house and bedding plant sent out this year by Messrs. F. Sander & Co., of England, and to which was awarded the gold medal offered by the King of Belgium at the Ghent exhibition. It forms a compact bush 18 inches high, with leaves 6 to 9 inches long, 3 to 4 inches wide, and of the most intense *metallic purple* color, shading into light rose with a light green margin, a combination unapproached by any other plant. The flowers are a lovely violet-blue,

very beautiful. Mr. Phister, of the White House, Washington, put it in the open border, where it grew and colored up beyond all expectation in a very exposed position. It has created a veritable sensation wherever exhibited, and will be grown by the thousand as a bedding plant, while at the same time one of the most brilliant decorative plants in existence; for table ornament, parlor or greenhouse, nothing can equal it. 50c. each, \$5.00 per doz.

General List of Vegetable Seeds



ASPARAGUS.

In early spring sow the seed, after soaking it twenty-four hours in warm water, in drills about one foot apart and one inch deep. The soil should be very rich and well worked. Later thin the plants to three or four inches apart in the rows and cultivate often thoroughly through the summer; transplant the following spring into permanent beds, deeply trenched and well mixed with decayed manure.

Conover's Colossal. The standard variety, of large size, tender and of excellent quality. Pkt. 5c., oz. 10c., ¼ lb. 15c., lb. 50c.

Barr's Mammoth. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 60c.

Palmetto. An early prolific and very desirable variety. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 60c.

Elmyra. Very large and tender. Pkt. 5c., oz. 10c., lb. 60c.

ASPARAGUS ROOTS.

Two Years Old, Extra Healthy and Strong.

Set the plants in rows three feet apart and two feet in the rows, spread out the roots and cover them six inches. On the approach of winter cover with long manure; fork the beds early in spring, and apply a dressing of salt at the rate of 500 lbs. to the acre.

Palmetto or Eclipse. Per 100, \$1.00, per 1000, \$6.00.

Conover's Colossal. Per 100, 75c., per 1000, \$5.00.

Barr's Mammoth. Per 100, \$1.00, per 1000, \$6.00.
500 roots at 1000 rates.

JANUARY 6, 1894.

Please find enclosed order for seeds. Your seeds gave great satisfaction last year.

THOS. SMITH,
69th and Virginia Ave., Philadelphia.

ARTICHOKE.

Sow in April in rich soil, and transplant to permanent beds the next spring in hills three feet apart each way with three plants to a hill; a rich, deep loam is required and plenty of moisture. Cover with litter or earth in winter.

Green Globe. Pkt. 5c., oz. 30c.

Jerusalem Artichoke Roots. This variety is not produced from seed. They are sometimes used as a table vegetable when picked, but their greatest value is for feeding stock. Qt. 15c., pk. \$1.00, bush. \$3.00.



BEET.

One Ounce Will Sow Fifty Feet of Drill.

The soil best suited for beet culture is that which is rather light and well enriched. Sow in drills one foot apart and one inch deep, as early as the ground can be worked; when the plants are large enough thin out to stand six inches apart in rows; continue for a succession as late as the middle of July. Keep well cultivated.

VARIETIES FOR TABLE USE.

Bastian's Extra Early Turnip. The best beet for the market gardener and family use; very early, of quick, large growth, fine turnip form and bright red color; a good forcing variety. Pkt. 5c., oz. 10c., lb. 50c.

Egyptian Turnip. One of the earliest, of good quality and of medium size; a fine forcing variety; small top. Pkt. 5c., oz. 10c., lb. 60c.

Edmand's Blood Turnip. An early variety, possessing good qualities; flesh dark red and white, sweet and of good flavor. Pkt. 5c., oz. 10c., lb. 60c.

Eclipse. Remarkable for its rapid growth, extreme smallness of top and extra fine quality. Perfectly smooth and round, skin and flesh intense red. An excellent sort for forcing. Pkt. 5c., oz. 10c., lb. 60c.

Extra Early Bassano. A very early flat variety, tender, juicy, flesh white and rose colored. Pkt. 5c., oz. 10c., lb. 50c.

Lentz Turnip. Of similar size and shape to the Bastian Turnip, top small, dark red and white, early and profitable for market growers. Pkt. 5c., oz. 10c., lb. 60c.

Bastian's Half-Long Blood. A valuable variety to follow Bastian's Extra Early; for winter use plant about the middle of July. Pkt. 5c., oz. 10c., lb. 50c.

Improved Long Blood. A good late variety for fall and winter use; sweet and tender. Pkt. 5c., oz. 10c., lb. 50c.

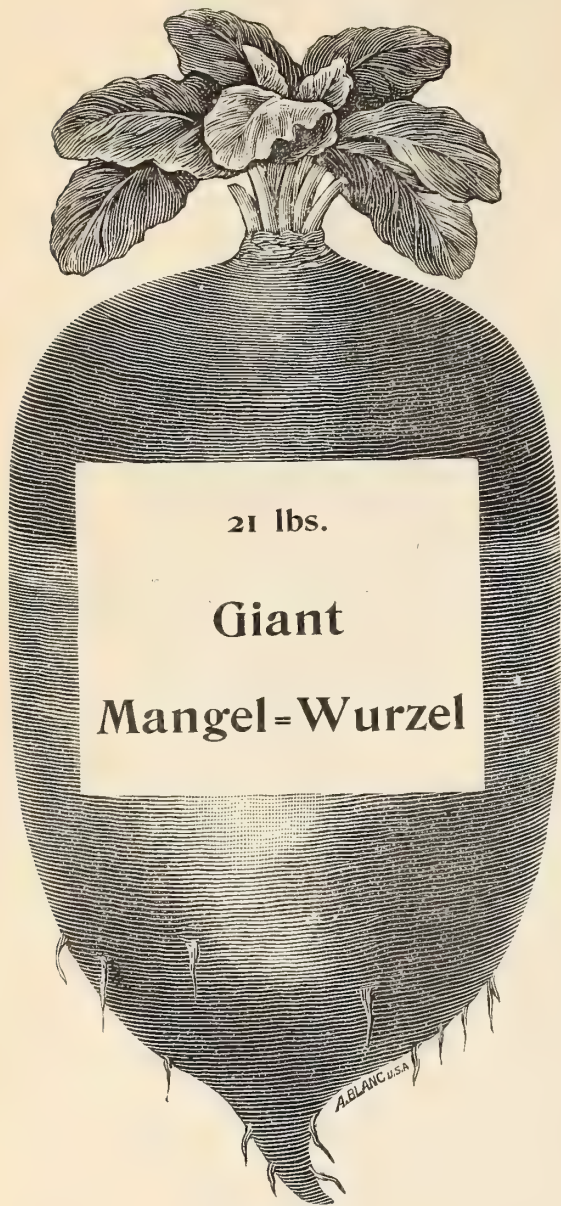
Swiss Chard. Grown for its leaves only; the middle of the leaf is served like Asparagus; the other portions of the leaf are used like Spinach. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 60c.

SUGAR OR CATTLE BEETS.

Improved Imperial White Sugar. An improvement on the other varieties of sugar Beets; more hardy and containing a greater percentage of sugar. Lb. 40c., 10 lbs. \$3.50.

Lane's Improved White Sugar. This sugar attains a large size and grows considerably above the ground; fine for feeding. Oz. 5c., lb. 35c.

BEET--Mangel-Wurzel. (See next page.)



21 lbs.

Giant
Mangel=Wurzel

BEET.

MANGEL=WURZEL.

Five pounds are sown to the acre.

Sow in April and May in thoroughly plowed, well-manured soil, in drills two inches deep and about eighteen inches apart. Thin out to twelve inches and keep the weeds down by frequent hoeing and cultivating. Low ground is best adapted for mangel-wurzels.

✓ **Mammoth Long Red.** This is an enormously productive variety, yielding from fifty to seventy tons to the acre, a single root often weighing from twenty to thirty pounds. It is the best long red mangel and very valuable for stock feeding. Oz. 5c., ¼ lb. 15c., lb. 40c., 10-lb. lots, \$3.00.

✓ **Golden Tankard.** The best yellow mangel in cultivation. Relished by milch cows and sheep. Maturing earlier than other large sorts. Oz. 5c., ¼ lb. 15c., lbs. 40c., 10-lb. lots, \$3.00.

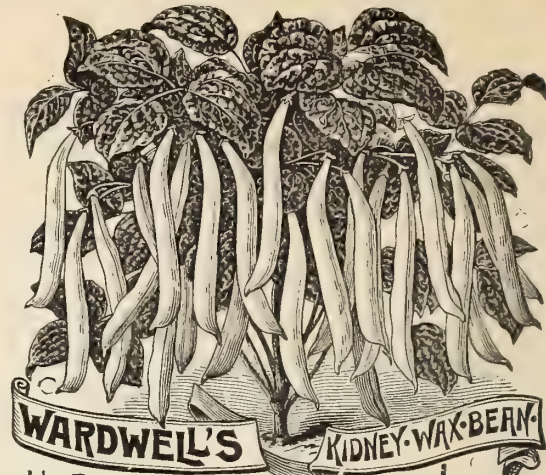
✓ **Red Globe.** Oz. 5c., ¼ lb. 15c., lb. 40c., 10-lb. lots, \$3.00.

✓ **Yellow Globe.** Oz. 5c., lb. 40c., 10-lb. lots, \$3.00.

✓ **Norbiton Giant.** Large, small top, one of the best long red varieties. Oz. 5c., ¼ lb. 15c., lb. 40c., 10 lb. lots, \$3.00.

BROCCOLI.

Grange's Autumn White Cape. This is the best variety grown; can be grown where cauliflower is an uncertain crop. Pkt. 10c., oz. 40c., ¼ lb. \$1.25, lb. \$4.00.



HARDEST AND MOST PRODUCTIVE BEANS.

One quart will plant about 200 hills or a drill 100 feet long.

DWARF OR SNAP SHORT.

Plant soon as danger from frost is past, in light, warm soil, in drills two inches deep and two feet apart, three inches apart in the drill, or in hills three to four feet apart. Avoid cultivating when wet with rain or dew, as it will injure the crop; hoe often when dry. Plant every two weeks for succession.

GREEN POD VARIETIES.

Improved Extra Early Red Valentine. One of the very best sorts for private use or market. The pods are round, fleshy, tender and remain longer in a green state than most varieties. Good for pickling. Pkt. 10c., qt. 25c., pk. \$1.25, bush. \$4.50.

Early Mohawk. The hardest of the early varieties, and will endure a slight frost. Pkt. 10c., qt. 25c., pk. \$1.25, bush. \$4.00.

Early Long Yellow Six Weeks. A hardy and prolific variety, a good and reliable cropper. Pkt. 10c., qt. 25c., pk. \$1.25, bush. \$4.00.

White Kidney or Royal Dwarf. Pkt. 10c., qt. 25c., pk. \$1.25, bush. \$4.00.

White Marrowfat. Extensively grown for sale as a dry bean for winter use; excellent shelled, either green or dry. Pkt. 10c., qt. 25c., pk. \$1.25, bush. \$4.00.

YELLOW POD OR WAX.

Wardwell's Kidney Wax. One of the earliest, hardest and most productive of all wax beans. Almost entirely free of rust and spots. Pods long, very tender, stringless and of excellent quality, and assume a rich golden color at an early stage of their growth. Pkt. 10c., qt. 40c., pk. \$2.00.

Dwarf Golden Wax. Pods yellow, brittle, stringless, a good snap sort and very prolific. Pkt. 10c., qt. 30c., pk. \$1.50.

Rust-proof Golden Wax. Very early and productive, of excellent quality, and entirely free from rust, besides being very crisp and tender and keeps longer than any other after picking, which renders it valuable for distant shipping. Pkt. 10c., qt. 40c., pk. \$2.00.

White Wax. Pods delicate, waxy white, half transparent. Pkt. 10c., qt. 40c., pk. \$2.00.

Black or German Wax. Pkt. 10c., qt. 35c., pk. \$2.00.

POLE BEANS.

Plant in hills four feet apart, six to eight beans to hill, eyes downward, afterward thin to three plants in a hill. Set poles eight to ten feet high before planting.

✓ **Early Golden-cluster Wax.** Desirable sort; pods very tender, six to eight inches long, of large size, borne profusely in large clusters of three to six; beautiful golden-yellow color, which they retain long after being picked. Snaps easily, is stringless, cooks tender, delicious flavor. Pkt. 10c., qt. 40c.

ENGLISH OR BROAD WINSOR BEANS.

Used only as shelled bean. Plant in strong, heavy soil, in drills three feet apart and two inches deep. Pkt. 10c., qt. 40c.

Lazy Wife's. Pkt. 10c., pt. 35c., qt. 60c.

Horticultural, or Speckled Cranberry. Pkt. 10c., pt. 15c., qt. 30c., pk. \$2.00.

Scarlet Runner. Pkt. 10c., qt. 40c., pk. \$2.50.

LIMA BEANS.

seeds are planted in each hill, about two inches deep. Rough cedar or similar poles, about seven or eight feet long, should be used for Lima Beans to climb on. They should be set in the ground at least eighteen inches, so as to prevent being blown over.

POLE VARIETIES.

One quart will plant 150 hills.

Michell's Selected Large Jersey. Has proven exceedingly satisfactory; beans are very tender and luscious. An extra selection of seed stock; large, fine beans. Pkt. 10c., qt. 35c., peck, \$2.00.

Extra Early Jersey. Two weeks earlier than Large Lima, which is of great advantage to gardeners. Pkt. 10c., qt. 40c., peck, \$2.25.

King of the Garden. Vigorous grower, requiring but two vines to each pole, producing a continuous bloom and fruitage to extreme end of season. Pods are of enormous size, many specimens measuring from five to eight inches, producing as high as six beans to the pod, perfectly formed and of superior quality. Pkt. 10c., qt. 40c., peck, \$2.00, bush, \$7.00.

Dreer's Improved. Earlier and more prolific than Large Lima; beans smaller, extra quality. Pkt. 10c., qt. 35c., peck, \$2.00.

Ford's Mammoth Podded Large. The most valuable and prolific variety; Pods six to nine inches long; seed grown from original stock. Pkt. 15c., qt. 60c.

Small Lima, or Sieva. The earliest of the Limas. A prolific bearer, beans small, but of good quality. Pkt. 10c., qt. 40c., peck, \$2.25.

BRUSSELS SPROUTS.

Produces small heads from side of stalk, which are in perfection for use in autumn after early frosts. Sow in May, transplant in June one foot apart each way and cultivate like winter cabbage. A most delicious vegetable, very easily grown.

Matchless Dwarf. The very best strain. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c.

October 3d, 1894.

Your Seeds proved to be very successful. Your Pole Beans were remarkable; the Corn was the sweetest Mr. Lauer ever ate.

JAMES O'CONNELL,
Gardener to G. F. Lauer, Esq.
Reading, Pa.

These are more tender and require rather more care in culture than the Bush Beans, and should be sown two weeks later. They succeed best in sandy loam, 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

NEW EARLY BLACK LIMA.

A black mottled seeded variety of the Sieva or Seewee Pole Bean. The seeds, which are about half the size of the Large Lima, do not rot in the ground so readily as the latter; quite hardy and enormously productive; the clusters being borne in such profusion upon the poles that they present the appearance of *veritable ropes of pods*, from the ground up to a height of six or seven feet. The pods have a uniform length of about three and a half inches and contain three and four beans each. They are of a dark green color when cooked, and in their extreme tenderness, delicate quality, and delicious flavor they stand without a peer. Pkt. 10c., 3 pkts. 25c., pint, 25c., qt. 50c.

DWARF, or BUSH VARIETIES.

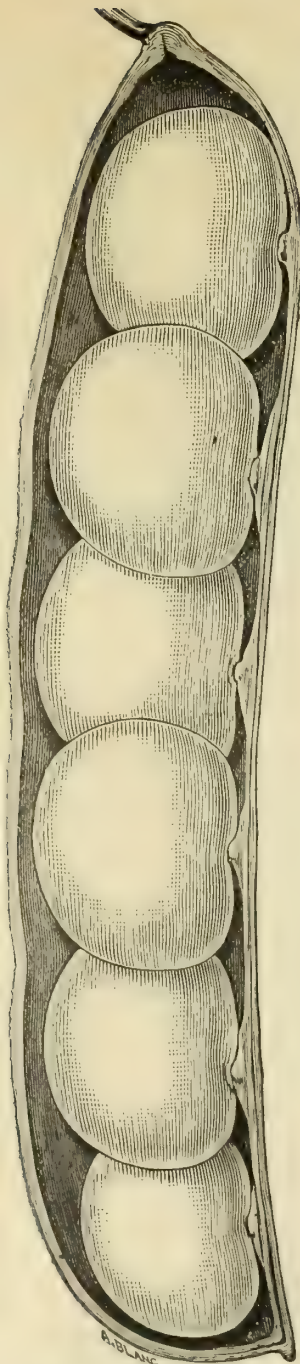
Dreer's Bush Lima. A splendid variety. Pkt. 10c., pt. 25c., qt. 50c.

Burpee's Bush Lima. The only bush form of the true Large Lima Bean, comes absolutely true from seed. Pkt. 10c., $\frac{1}{2}$ pt. 15c., pt. 20c., qt. 40c., 2 qts. 75c.

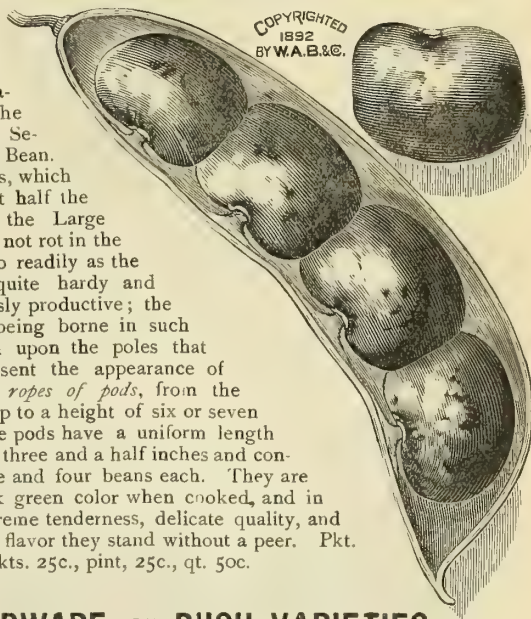
Henderson's Bush Lima. The earliest of all Limas. Pkt. 10c., qt. 40c.



Burpee's Bush Lima.



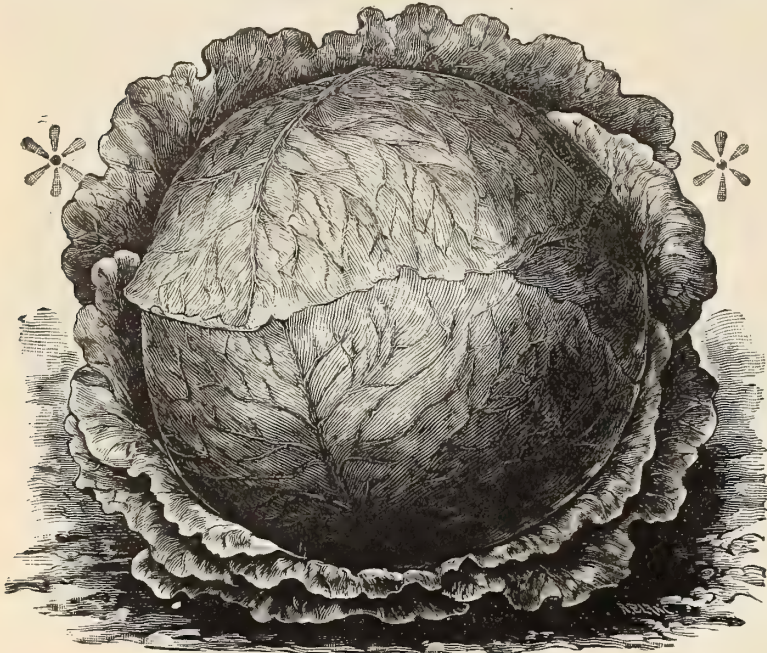
Michell's Selected Large Jersey Lima.



CABBAGE.

One ounce will produce about 2000 plants. Our Cabbage Seed is all grown from selected heads only, by a specialist on Long Island.

The requirements for a good crop are rich soil, deep plowing, high manuring and good seed. Sow seeds in January or February in hotbeds, and transplant latter part of April or early in May to open ground, or an early sowing in open ground is the custom. Set the plants in rows two feet apart, and twelve to eighteen inches apart in the row. For second early sow in April and transplant in May. For late crop sow in May and transplant in July, setting plants in rows three feet apart and two feet in rows.



Extra Selected Late Flat Dutch Cabbage.

Early Jersey Wakefield. A favorite market gardeners' variety, very early, following the Oxheart, of good size and quality and always sure to head; extra fine selected stock. Pkt. 10c., oz. 25c., lb. \$2.50.

Early Winningstadt. A solid, tender variety, good for either early or late. Pkt. 5c., oz. 20c., lb. \$2.00.

All Head Early. Large and solid and always certain to make hard heads. Pkt. 10c., oz. 25c., ¼ lb. 75c.

Henderson's Early Summer. A second early variety, with large solid heads, coming in a few days later than the Wakefield. Pkt. 10c., oz. 25c., lb. \$2.50.

Early Drumhead. A favorite with the market gardeners; a second early, large, solid, flat-heading variety, grown with great care for that trade. Pkt. 10c., oz. 30c., lb. \$3.00.

All Seasons Selected. A new drumhead variety, producing good-sized heads, of superior richness of flavor, desirable either for early spring or fall use; a good winter keeper. Pkt. 10c., oz. 25c., lb. \$2.50.

Extra Selected Late Flat Dutch. The favorite Philadelphia winter market variety, short stem and large solid flat heads; superior stock. Pkt. 5c., oz. 20c., lb. \$2.00.

Red Dutch Drumhead. A large red-heading variety for pickling. Pkt. 5c., oz. 20c., lb. \$2.00.

Large Late Drumhead. A favorite winter variety with market gardeners; extra large solid heads. Pkt. 5c., oz. 20c., lb. \$2.00.

Perfection Curled Drumhead Savoy. American-grown seed of superior quality; the largest solid-heading curled sort, of excellent flavor, with the richness of the cauliflower. Pkt. 5c., oz. 25c., lb. \$2.50.

CABBAGE PLANTS.

Early Sorts. All the leading varieties ready April 1st. 100, 40c., 1000, \$3.00.

Late Sorts Ready July 1st. 100, 30c., 1000, \$2.50.

SPECIAL PRICES ON LARGER QUANTITIES.

USE SLUG SHOT TO KILL CABBAGE WORMS

It is non-poisonous and is now used by most of the growers of Cabbage to save the Crop. 5 lbs. for 25c., 50 lbs. \$2.00. In bbls. at 3½c. lb.

CARROT.

One ounce to 100 feet of drill; three pounds to the acre.

A light sandy loam, well-tilled and manured the previous year best suits the carrot; for early crops sow as early as the ground can be worked, in drills ten inches apart, and thin to five inches in the row.

Early Scarlet Horn. The favorite early red variety, fine grained and good flavor. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. 90c.

Early Half-long Scarlet. A very desirable pointed-rooted variety, coming in between the Scarlet Horn and the Long Orange; early, of fine flavor and good color. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. 90c.

Danvers (selected stock). The best variety for general crop; is of rich orange color, a very heavy yielder and splendid keeper; a first-class carrot for all soils, and valuable both for table use and stock. We have an extra fine strain of seed of this favorite sort. Pkt. 5c., oz. 15c., ¼ lb. 30c., lb. 80c.

New Rubicon Half-long. An entirely distinct American carrot, selected and perfected by a Connecticut market gardener. It is the best in shape, and its deep red orange-colored flesh is the finest in quality of all. It is earlier than the Danvers and about the same length; extremely well adapted for early forcing. It is

a splendid sort, however, for growing outside at any season of the year, being a wonderfully heavy cropper on any kind of soil. It grows without neck, the crown is hollow and it grows well under the ground, which prevents it from becoming sunburnt—a very important feature. Many leading gardeners and farmers are now planting the Rubicon to the exclusion of all others. Pkt. 10c., oz. 15c., ¼ lb. 30c., lb. \$1.00.

Improved Long Orange. Deep orange color, good

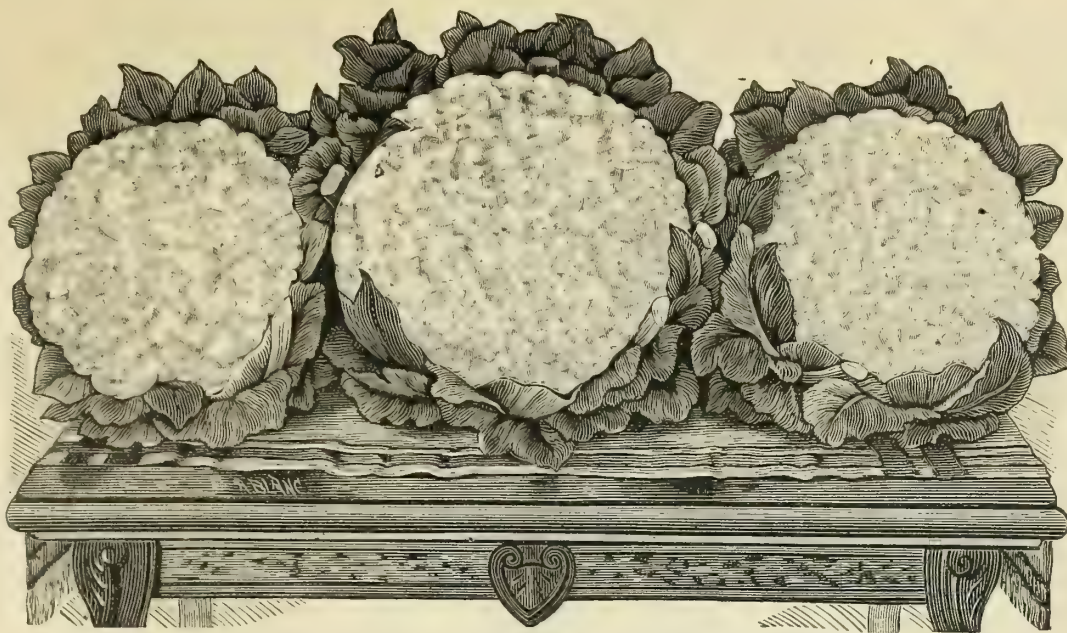
flavor, yields heavily; is of excellent table quality, and is also the best for stock. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c., 5 lb. lots 60c. lb.

Guernsey, or Oxheart.

A desirable variety on soils too hard and stiff for the longer growing sorts, as it is not over five or six inches long. It frequently grows as thick as long, thus making it really as large as the longer sorts. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. 90c.



Michell's Special Selected Erfurt.



Michell's Special Strain Selected Erfurt Cauliflower.

CAULIFLOWER.

One Ounce Produces About 1500 Plants.

Sow for early use about the middle of September or October in a bed of rich earth, transplant in frames and cover with sashes and shutters during severe weather, giving them the light and air every mild day, or they may be had nearly as well by sowing the seed in a hotbed in January or February; when the plants are large enough, transplant three inches apart in boxes or in other hotbed until time to plant out; if hardened off, they are seldom injured by planting out as early as ground can be properly prepared, two and a half feet apart each way; keep well hoed, and bring earth gradually up to their stems, watering freely in dry weather, and especially when they begin to head.

Michell's Special Strain, Selected Erfurt. One of the earliest in cultivation, small-leaved dwarf, for forcing or open ground, producing very solid, pure white heads of the finest quality; ordinary seasons every plant will produce a marketable head. Pkt. 20c., 3 pkts. 50c., oz. \$2.50.

Earliest Snowstorm. Earliest and best for forcing; dwarf, with short outer leaves, can be planted two feet apart each way; sure to make large fine heads; must be kept growing constantly, will not stand a check at any period of its growth. Pkt. 25c., oz. \$5.00.

Early Snowball. A splendid early dwarf variety, producing magnificent white heads; well adapted to hotbed culture. Pkt. 20c., oz. \$3.00.

Lenormand's Short Stem. A large, late short-stemmed variety, with well-formed white heads of extra quality. Pkt. 10c., oz. 50c.

Veitch's Autumn Giant. One of the finest late varieties, of robust habit, heads large, compact and thoroughly protected by the leaves. Pkt. 10c., oz. 50c.

NEW BELGIAN CAULIFLOWER "ECLIPSE."

Pronounced to Be the Best Sort for Outdoor Growing and Very Good for Forcing in Temperature of About 65°.

We Have Secured the Whole Seed Stock of This Variety.

The following is the description given it by the originator, who is a successful cauliflower grower.

I sowed the seed of this sort on March 22, in hotbeds, transplanted the plants on April 13, into cold frames in good rich soil; after they grew to six or eight leaves (which was May 1st), I planted them out in the open ground, keeping them well watered to prevent mildew, also keeping the ground stirred up around them every two or three days. As soon as the flower appeared I drew the leaves loosely over it by tying them up. I cut the first flowers on June 18, and the last on July 5. The size of the flowers was immense and very solid. I grew the Snowball and Snowstorm on the same ground and they were no comparison to this EXCELLENT NEW VARIETY. A great advantage is also that they DO NOT COOK PINK OR YELLOW, BUT SNOW WHITE. Pkt. 35c., 4 pkts. \$1.00.

CAULIFLOWER PLANTS.

Best varieties ready April 1. Hotbed grown. Doz. 25c., 100, \$1.25.

CRESS.

Sow thickly in early spring in drills one foot apart, and follow every two weeks with a new sowing, as it quickly runs to seed. Water cress should be sown along the margins of ditches, ponds, or better still, of slow-running streams. It requires no care except to free it at first from weeds.

Extra Curled or Pepper Grass. Fine flavor; can be cut several times. Pkt. 5c., oz. 10c., lb. 50c.

True Water. Pkt. 10c., oz. 35c., lb., \$3.50.

New Upland. Pkt. 10c., oz. \$1.25.

CHICORY.

Large Rooted. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 80c.

CHERVIL.

Curled or Double. Pkt. 5c., oz. 20c., lb. \$2.00.

CORN SALAD.

For early spring use sow the seed in September thickly in drills, quarter inch deep. Protect with litter when cold weather comes and winter over like Spinach. One ounce will sow 35 feet of row
Large Round-Leaved. Pkt. 5c., oz. 10c., lb. 50c.

MR. H. F. MICHELL
Dear Sir:—I herewith send you a sample, the result of the
Cauliflower Seed you sent out last fall as MICHELL'S SPECIAL
SELECTED ERFURT; it is as fine as we ever had.
Gardener to HON. E. H. FITLER. Very truly,
JACOB PRINCING.
Tortessdale, Pa., March 31, 1893.



CELERY PLANTS.

All the leading sorts ready July 1st. Per 100, 50c.; per 1000, \$3.50.

CELERY.

One ounce of seed will produce about 2000 plants.

Sow the seed late in March, or early in April, on fine, well-worked soil. Cover slightly, or better still, roll or press it. Shade the young plants for a week or ten days, and do not let the soil dry out. Cut them once or twice before setting out to make them stocky. When from four to six inches high transplant into broad shallow trenches, or to level ground, setting dwarf sorts in rows three feet apart, and tall sorts four feet apart, six inches apart in the rows. To store for winter use, select well-drained ground, dig trenches one foot wide and deep enough to cover tops of plants. Pack stalks in this in an upright position, covering with boards to shed the water, and in severe weather protect with straw or leaves.

Smith's Perfection Half Dwarf. This extra strain is the finest and best selection for private or market gardeners. It is very large and solid, with a full golden heart and large yellowish outer ribs; when matured the heart bursts through the outer stalks, and is of a nutty flavor. The very best late keeper. Pkt. 10c., oz. 40c., lb. \$4.00.

Perfection Heartwell. This is one of the very best varieties in cultivation, stalks long and thick, very compact, crisp and of fine flavor. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Improved Dwarf Golden Heart. A variety of great value. The heart is large and full, of a golden yellow. Most excellent for either market or private use; it is solid, of excellent flavor, and keeps well. Pkt. 5c., oz. 25c., lb. \$2.50.

Giant Pascal. A superior keeping sort. The stalks are very large, thick, solid, crisp, and of a rich nutty flavor. The heart is golden yellow, very full and attractive in appearance. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Boston Market A short, bushy, white, solid, excellent-flavored market variety, constantly increasing in demand. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 75c., lb. \$3.00.

White Plume, Improved. This variety has white inner leaves and heart; crisp, solid, nutty flavor, and very ornamental. Pkt. 10c., oz. 30c., lb. \$3.00.

Golden Self-blanching. This straight, compact, large variety is solid, crisp and of a nutty flavor, with a rich golden heart. Pkt. 10c., oz. 35c., lb. \$3.50.

Henderson's New "Pink Plume." A strong, healthy, compact grower, with no tendency to rust; stems very solid and crisp, extra early and a long keeper, remaining when properly trenched in perfect condition away into the spring. The variegation on the tops does not show quite as early as the "White Plume," but the celery blanches and matures really a little earlier. It is a self-blanching variety, and requires but a slight earthing-up or banking to prepare this variety for the table. Pkt. 10c., oz. 50c.

Celeraic, or Turnip-rooted. Large, early Erfurt variety. The root cooked or sliced and used with vinegar, makes an excellent salad. Pkt. 5c., oz. 20c., lb. \$2.00.

Soup or Flavoring Celery. Used for soups, stews, etc., and not for sowing. Oz. 5c., lb. 40c.

CUCUMBER.

One ounce of seed will plant about fifty hills, or two pounds per acre.

For early use sow in hothouse on small sods overturned, or in small pots plunged in earth. As soon as danger from frost is over, transplant with sod, so as not to disturb the plants, into hills in the open ground. For general crop sow from about the first to the middle of May in rich, mellow, warm soil. Use a shovelful of well-rotted manure in each hill and cover it two inches deep with fine earth. On this sow the seed, about eight or ten seeds to a hill; cover one-half inch with earth and press down. When danger from bugs is past thin out to four plants to a hill. For pickles plant from June to middle of July.

Livingston's Evergreen. This new variety is proving of great value. It is very hardy and probably the most prolific of all varieties. It is very early, and the cucumbers retain their beautiful green color longer than any other sort. It is one of the very best varieties for slicing, as it is very crisp and of good quality. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 80c.

Early Russian. The earliest and hardiest productive variety; the fruit is of small size and produced in pairs. Pkt. 5c., oz. 10c., lb. 75c.

Early Frame. A good old popular variety, of medium size, straight and excellent for table or pickling when young. Pkt. 5c., oz. 10c., lb. 75c.

Cucumber continued on next page.



Cucumber—Continued.

Improved Early White-spined. The favorite market variety, largely used for forcing, and extensively grown South for shipping North early in the season; of medium large size, deep green, crisp, fine flavor, and very productive. Pkt. 5c., oz. 10c., lb. 75c.

Tailby's Hybrid. A variety hybridized with the White-spined and English prize, retaining the beauty of the Long English and hardness of the White-spined; of large size and excellent for slicing; splendid forcing variety. Pkt. 5c., oz. 10c., lb. \$1.00.

Jersey Pickle, or Green Prolific. One of the best pickling varieties; dark green, tender, crisp, and great productiveness, of fine flavor, and good for table use. Pkt. 5c., oz. 10c., lb. 75c.

Long Green Turkey. The leading long green variety for pickling; of excellent quality and productiveness, fruit dark green, firm and crisp; can be gathered any size while young for pickles. Pkt. 5c., oz. 10c., lb. 75c.

Small Gherkin or Burr. Also known as the West India or Jerusalem Pickle; used only for pickling while young and tender. Pkt. 5c., oz. 20c., lb. \$1.50.

ENGLISH PRIZE FORCING CUCUMBER.

Sow the seed in small pots about the middle of January; when they have grown to three leaves plant in a prepared hill of rich, loose soil in the centre of a sash.

Blue Gown. Pkt. 25c.

Pearson's Long Gun. Pkt. 25c.

Telegraph. Pkt. 25c.

Tender and True. Pkt. 25c.

Sion House, Improved. Pkt. 25c.

Marquis of Lorne. Pkt. 25c.

FIELD CORN.

Early Yellow Canada, or Flint. Qt. 15c., bush. \$1.50.

Cloud's Early Yellow Dent. This variety has been carefully selected. Qt. 15c., bush. \$1.50.

Chester County Mammoth. Qt. 15c., peck, 50c., bu. \$1.50.

The 100-day Bristol. The largest eared, earliest yellow Dent corn in cultivation. Qt. 20c., peck 50c., bush. \$1.75.

Golden Beauty, Improved. The best and most productive, having extra large, broad golden grains and good-sized ear. Qt. 15c., bush. \$1.50.

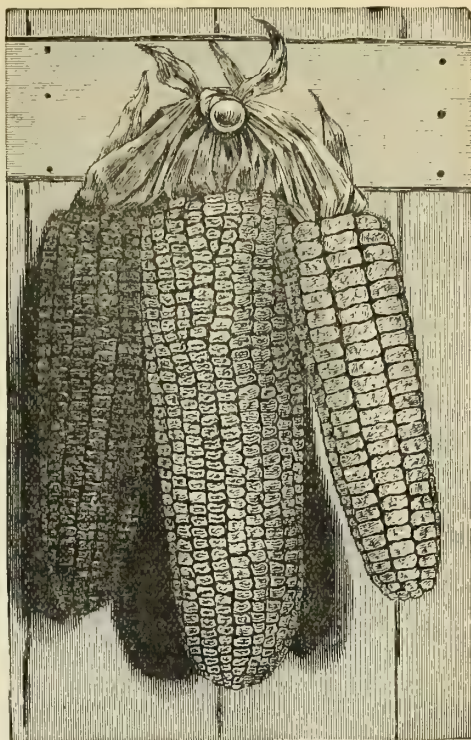
Leaming Early Dent. Qt. 15c., bush. \$1.50.

Blount's Prolific White Ensilage. This variety bears 4 to 6 ears per stalk, grain plump and white; it is very productive, and is also considered the best variety for making ensilage. Qt. 15c., peck, 50c., bush. \$1.75.

POP CORN.

Golden Queen. Lb. 10c., 3 lbs. 25c., 100 lbs. \$5.00.

White Rice. Lb. 10c., 3lbs. 25c., 100 lbs. \$5.00.



CORN.

SWEET OR SUGAR VARIETIES.

One quart will plant 100 hills; 8 quarts to the acre.

Our Sugar Corn is grown by the most reliable grower in the Connecticut Valley and can be relied upon.

Make the first planting about May 1st, and sow every two weeks thereafter until the middle of July for succession. Plant in hills three or four feet apart according to size of variety.

First of All. The very earliest sweet corn. Pkt. 10c., qt. 30c., peck, \$1.25.

Adams' Extra Early. The earliest variety for table use. Pkt. 5c., qt. 15c., peck, \$1.00, bush \$3.00.

Crosby's Extra Early. A favorite market variety, very early, productive, ears rather short, and of a rich, sugary flavor. Pkt. 5c., qt. 20c., peck, \$1.00.

Squantum. An excellent variety of the finest quality for table use and market; ripens early with fine large ears and deep grain. Qt. 20c., peck, \$1.00.

Triumph. Ear large, productive, flavor rich and sweet; a fine market variety. Pkt. 5c., qt. 20c., peck, \$1.25, bush. \$4.00.

Stabler's Extra Early. Of larger size than usual for the early kinds; fine flavor. Pkt. 5c., qt. 25c., peck, \$1.25, bush. \$4.00.

Little Gem, or Shoe Peg. Pkt. 5c., qt. 25c., peck, \$1.25, bush. \$4.00.

Black Mexican. Pkt. 5c., qt. 20c., peck, \$1.00, bush. \$4.00.

Stabler's Nonpareil. The second best early corn. It has the most desirable qualities of any sweet corn, yields large ears, delicious flavor. Pkt. 5c., qt. 25c., peck, \$1.50, bush. \$4.00.

Country Gentleman. The finest of all sweet corns, and will delight the most fastidious epicure, retaining its delicate tenderness and flavor even when a little old. The ears are not only of good size, but are produced in great abundance, frequently bearing four good ears, while the average is three good ears to the stalk. The cob is very small, giving great depth to the kernels, but the great merit is its delicious quality, with ears of good size. Pkt. 10c., qt. 25c., 4 qts. 75c.

Roslyn Hybrid. A medium late variety, will yield a heavy crop, producing a large ear, very sweet and delicious. Ear, 10c., pkt. 5c., qt. 25c., peck, \$1.00, bush. \$4.00.

Mammoth Sugar. The largest late sort, very productive, of fine flavor. Pkt. 5c., qt. 20c., peck \$1.25, bush. \$4.00.

Stowell's Evergreen. One of the sweetest, ears large, deep grained, of excellent quality, remaining green longer than any other variety. Pkt. 5c., qt. 20c., peck, \$1.00, bush. \$3.00.

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Michell's Selected Stock New York Improved Purple Egg Plant.

EGG PLANT.

One ounce of seed will produce about 1000 plants. Grown by a specialist in New Jersey.

Sow the seed in a hotbed in March or April, when about three inches high pot the plants and plunge in earth; transplant in open ground in May or June, according to the warmth of the season. Uniform heat is essential to this plant, and it rarely recovers from the least chill in its early growth. Set out according to richness of soil, two or three feet apart each way.

Michell's New York Improved Large Purple. The leading variety; large, round, dark purple, most productive variety. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.25.

EGG PLANTS.

Ready May 15th.

New York Improved. True and pure. Pot grown, per doz. 60c.; hotbed grown, per doz. 35c.; per 100, \$2.50.

ENDIVE.

Sow one ounce for fifty feet.

For early use sow about the middle of April; but for the main crop in June or July in shallow drills; when two or three inches high transplant to one foot each way; when full grown blanch the inner leaves by tying up the outer ones at the top, but tie up only when the leaves are dry; keeps only a short time after blanching.

Improved Green Curled. An improvement on the old Green Curled variety. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

White Curled (self blanching) This is the finest white curled variety, grows to a large size, always crisp and very tender. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Broad-leaved Batavian. Leaves broad, light green, nearly plain; used in stews and soups. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

GARLIC SETS.

Per lb. 30c.

HOP VINE ROOTS.

Ready in April. Per doz. 50c.

DANDELION.

The seed should be sown early in the spring in drills twelve inches apart, about one-quarter of an inch deep, thin out to six inches in the drills; the following spring it will be fit for use.

Thick-leaved, or Cabbaging. This variety is double the size of the common. Pkt. 5c., oz. 30c., lb. \$3.00.

HERBS.

Caraway. Perennial. Pkt. 5c., oz. 10c., lb. 60c.

Coriander. Pkt. 5c., oz. 10c.

Dill. Pkt. 5c., oz. 10c., lb. \$1.00.

Fennel. Perennial. Pkt. 10c.

Hop. Perennial. Pkt. 10c.

Horehound. Perennial. Pkt. 5c., oz. 35c.

Lavender. Perennial. Pkt. 5c., oz. 25c.

Pot Marigold. Pkt. 5c.

Rosemary. Perennial. Pkt. 5c., oz. 50c.

Saffron. Pkt. 5c., oz. 15c.

Sage. Pkt. 5c., oz. 15c., lb. \$1.50.

Summer Savory. Pkt. 5c., oz. 15c., lb. \$2.00.

Sweet Basil. Pkt. 5c., oz. 15c., lb. \$2.00.

Sweet Marjoram. Pkt. 5c., oz. 20c., lb. \$2.00.

Thyme. Perennial. Pkt. 10c., oz. 30c., lb. \$3.50.

Wormwood. Perennial. Pkt. 5c., oz. 30c.



Horse Radish.

HORSE RADISH ROOTS.

Per doz. 20c., per 100, 75c.; per 1000, \$4.00.

Special price on larger quantities.

KALE OR BORECOLE.

They are more hardy than cabbage, and are improved by frost, but the time and manner of sowing, and the culture are identical with cabbage.

Dwarf Green Curled. Very hardy, leaves numerous, frilled and of excellent quality. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 80c.

New Imperial, or Long Standing. A beautiful curled and crimped sort, selected by a Philadelphia market gardener; of strong, vigorous habit, perfectly hardy, bright green color and and very attractive in appearance. It is superior to all other sorts, and will stand longer without shooting to seed than any other variety. Height about two feet. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Tall Purple Scotch. Finely curled, one of the best sorts. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

KOHL-RABI.

For early use sow in hotbed, transplant and cultivate like early cabbage. For winter use sow the middle of June or first of July in rows, eighteen inches apart, thin out to eight inches in the row.

Early White Vienna. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Early Purple Vienna. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 60c., lb., \$2.00.



LETTUCE.

One ounce for 150 feet of drill or 1000 plants.

Lettuce thrives best in rich, moist ground. For the principal early crop sow the seed in September in the open ground; transplant when large enough into cold frames, and protect the plants during the winter in the same manner as early cabbage; set the plants out early in April; or sow the seed in hotbeds in February or March, and transplant to a southern exposure. Always thin out well or the plants will not head. When wanted as a cut salad sow the seed thickly in rows or broadcast.

Sensation. This remarkable new lettuce appeals to every shrewd market gardener and owner of a home garden who desires something extra choice in quality. Many hundred letters have been received from both market and family gardeners, who all agree in pronouncing it the best they have ever grown for forcing, equally valuable for growing in open ground during the hottest summer months. Beautiful light yellowish-green color, leaves much blistered on surface, of very superior even quality. Forms solid heads before half grown. Shy seeder. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00

Hanson Improved Hard Head. A superior curled heading variety. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

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Michell's Best Dutch Butter Lettuce.

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Spotted Early Dutch Butter. Producing fine large heads of excellent quality, and one of the best forcing and market sorts; stands the heat well in summer. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Forcing Emperor. A medium-sized, compact growing, very early variety; very crisp and tender and unequalled for forcing. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 75c.

Iceberg. Quick grower, hard, handsome heads, exquisite in flavor, there is no handsomer or more solid Cabbage Lettuce in cultivation—in fact, it is strikingly beautiful. The large, curly leaves which cover the outside of the solid heads are of a bright light green, with a very slight reddish tinge at the edges; Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

California Cream Butter. Forms round solid head, which outside 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. It is medium early and one of the best summer varieties. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Early Curled Simpson. Does not head, but forms a close, compact mass of leaves; very early, excellent for forcing. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Early Cabbage or White Butter. A favorite for sowing in the spring or fall nearly hardy, requires only a slight protection; produces fine well-formed heads. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.00.

Early Tennisball. Black seed. Forms a close, hard head, the best forcing sort. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Boston Market. White seed. Hardy and crisp; earliest heading variety; one of the best for forcing. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Big Boston. It is about one week later in maturing, but its solidity and greater size of head will make it a most valuable sort. A most desirable variety either for forcing in cold frames or open ground planting. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00., lb. \$3.50.

Black Seeded Simpson. Produces a compact mass of leaves, nearly double the size of the ordinary Simpson, standing well the summer heat. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Silver Ball Improved. Excellent for summer; very firm and compact; rich flavor. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Salamander. Summer variety, forming good-sized heads. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

White Russian Summer. One of the best sorts to withstand the extreme heat of our long, hot summer months. It is not a forcing variety, but one of the best for open ground, forms a very large, solid head, of the finest quality. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Kingsholm or Paris Cos. Long, upright heads of narrow leaves, which are tied at the top making it crisp and refreshing, withstanding the summer heat. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

LETTUCE PLANTS.

Ready in April,

Best heading varieties. Per 100, 50c.

MARTYNIA.

Proboscidea. The seed pods are used to a considerable extent for pickling when gathered green and tender. Sow in the open ground in May, and transplant two feet apart. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, \$3.00.

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Large Musselburgh Leek.

LEEK.

One ounce to 100 feet.

Plant the seed in April, in drills one foot apart and one inch deep. When six or eight inches high, remove the plants to deep, rich soil, setting them in rows twelve to fifteen inches apart in the rows, plant as deep as possible, and during growth draw the earth to them to blanch stems. One ounce will produce about two thousand plants.

London Flag. Hardy, large, strong plant, with broad leaves. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Large Musselburgh. Of enormous size, leaves large and broad. Of very mild, pleasant flavor. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$1.75.

Giant Carentan. Pkt. 5c., oz. 20c., lb. \$1.75.



Green Citron Netted Melon.

MUSK MELON.

One ounce for seventy-five hills; two and one-half pounds to the acre.

A rich, warm, sandy soil is the best for the musk melon. Plant the seed when the ground is warm. Plant from six to twelve seeds in hills six feet apart each way, and when danger from bugs is past, thin to three vigorous plants in a hill. When the shoots are a foot long pinch off the tips to make them branching and strengthen the vine. Thin out the fruit if it is excessive, the remaining melons will thereby increase in size and ripen earlier.

Be careful not to grow pumpkins, squashes or cucumbers near musk melons.

Musk Melon—Continued.

“The Banquet.” (New.) A medium-sized melon, more beautifully netted than any known variety. In quality it has no equal, the flesh is uniformly deep and of that granulated character that always indicates a good melon; the color is a dark rich salmon. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.00.

Emerald Gem. A small early melon, flesh salmon colored, thick and luscious. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.00.

Jenny Lind. The earliest variety, netted, of small round size, excellent flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

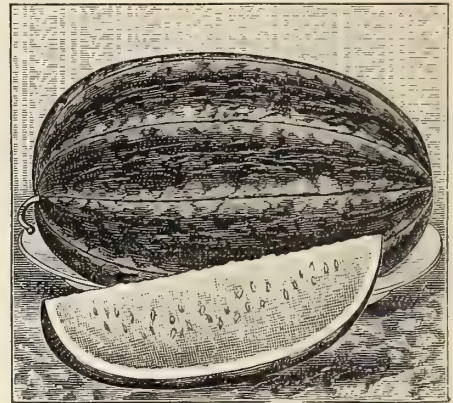
Golden Jenny. A small early variety, the flavor is not equaled by any other sort. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Green Citron Netted. Medium size, deeply netted, nearly round, flesh thick and of a delicious flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Netted Pineapple or Nutmeg. An excellent melon, of medium size. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Hackensack. Of large size, attractive appearance, excellent flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Casaba or Persian. Of extraordinary size, very delicious and fine flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

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Dixie Water Melon.

WATER MELON.

One ounce to thirty hills; four pounds per acre.

In light soil, with hot sunny exposure, the water melon thrives best. Plant in hills eight to ten feet apart each way, and cultivate like musk melon. To secure the largest fruit, have but one or two melons to a vine.

Dixie. A new, large variety, surpassing all others as a shipper, in fine eating qualities and great productiveness. It is ten days earlier than Kolb Gem, rind thin, ripening within one quarter inch. Strong grower, very heavy setter. Flesh of a rich scarlet; sweet, juicy and tender. Pkt. 5c., oz. 10c., lb. 75c.

Cuban Queen. One of the largest varieties, ripening to the very centre, heavy cropper, flesh bright red, tender and melting. Pkt. 5c., oz. 10c., lb. 50c.

Kolb Gem. Pkt. 5c., oz. 10c., lb. 50c.

Iron Clad. Pkt. 5c., oz. 10c., lb. 50c.

Dark Icing. The flavor of this variety cannot be excelled. It is very solid, rind very thin. Pkt. 5c., oz. 10c.

Mountain Sweet. Early, large, oblong, dark green, thin rind; flesh red, solid, rich and sweet. Pkt. 5c., oz. 10c., lb. 50c.

Pride of Georgia. Pkt. 5c., oz. 10c., lb. 50c.

Scaly Bark. Pkt. 5c., oz. 10c., lb. 50c.

Striped Gypsy or Rattlesnake. An early variety, large, oblong; skin green, mottled and striped. Pkt. 5c., oz. 10c., lb. 50c.

Citron. For preserving only, small, round, flesh white and solid, with red seeds. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.



MUSHROOM SPAWN

In preparation for a mushroom bed, procure fresh horse manure, free from litter or straw, and old pasture soil. Mix thoroughly in proportion of three parts horse manure to one of loam. Turn daily until the extreme heat is out of it. Then in some sheltered place, if possible, make out of this compost a bed four feet wide, eight inches deep, and as long as desired, pressed solidly. Leave this until the heat subsides to ninety degrees, then plant pieces of spawn the size of a walnut in holes two or three inches deep, six apart each way; cover with the compost, and in the course of a week or ten days the spawn will be diffused through the whole bed. Now cover with two inches of fresh soil, and over this spread three or four inches of hay, straw or litter. If surface becomes dry, wet with lukewarm water. Keep an even temperature of fifty to sixty degrees.

English Milltrack (Fresh). In bricks. Each 15c., doz. \$1.50, 25 lbs. \$2.75, 100 lbs. \$8.00.

Wm. Falconer's Book on Mushroom Culture,

PRICE, \$1.35.

Robinson's Book on Mushroom Culture.

PRICE, 50c.

MUSTARD.

White or Yellow. For salads and flavoring purposes. Oz. 5c., lb. 30c.

NASTURTIUM.

(INDIAN CRESS.)

The seed pods, which resemble capers, are gathered while green and tender for pickling, and the leaves are used for mixing with salads. Sow early in spring, in drills about one inch deep, in light, rich soil, when all danger of frost is over.

Tall. The most profitable pickling variety. Pkt. 5c., oz. 15c., ¼ lb. 25c., lb. \$1.00.

Dwarf. Beautiful colors, mixed. Pkt. 5c., oz. 20c., ¼ lb. 35c., lb. \$1.25.

NOVEMBER 1, 1894.

The last spawn from you was A No. 1. Send me the same again. Picked the first mushrooms 29 days after planting; they are grand.

CHAS. HOPHAM,

Gardener to A. H. Lea, Esq. Chestnut Hill, Pa.

The first prize for

MUSHROOMS

at the Chrysanthemum Show held by the Pennsylvania Horticultural Society this past November was awarded to EDWARD RIEGER, Gardener to P. A. B. Widener, Esq.

SPAWN PURCHASED OF US.



Improved Dwarf Green Okra.

OKRA OR GUMBO.

One Ounce to 20 Feet;
One Pound to
300 Feet.

Sow in May, in hills or drills, three feet apart. If in hills, thin out to three plants; if in drills, to ten inches apart in the drills. Seed thickly and cover one inch deep. The young green seed pods are used for soups or like asparagus.

Improved Dwarf Green. The most desirable sort, very productive, bears long pods, which remain tender a long time and are free from hard ridges. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 60c.

White Velvet. Pkt. 5c., oz. 10c., lb. 75c.



White or Silver Skin Onion.

ONION.

One Ounce for 100 Feet of Row; Six Lbs. to an Acre.

For sets, sow the seeds as early as possible in the spring, very thickly, in drills. As soon as the tops die off in summer, remove them to a dry, airy place; and early in the following spring replant by placing sets in shallow drills twelve inches apart, and about four inches apart in the drills. They may also be grown to full size during the first season by sowing thinly in drills one foot apart and about one-fourth of an inch deep, in March or early in April, in strong land, well manured, and thinning them out to stand three or four inches apart in the drills. They delight in a strong, rich, deep, loamy soil, and succeed well if grown successive years on the same ground.

White or Silver Skin. A mild-flavored early variety, extensively grown for pickling. Pkt. 10c., oz. 30c., ¼ lb. \$1.00, lb. \$3.00.

Yellow Danvers. An excellent early oval, straw-colored variety, of mild flavor, productive and a good keeper. Pkt. 5c., oz. 20c., ¼ lb. 50c., lb. \$2.00.

Prize Taker Mammoth Yellow. Beautiful straw color, of large round form, very rapid grower; attains full size in one season. Pkt. 10c., oz. 30c., lb. \$2.50.

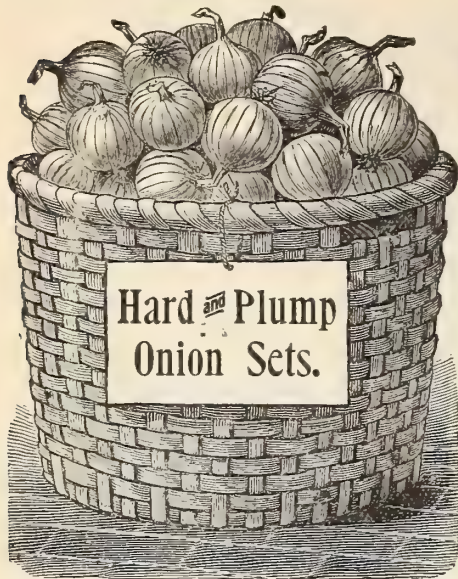
Yellow Strasburg or Dutch. The leading market variety, a good keeper; bright, straw-colored skin and somewhat flattened shape. Pkt. 5c., oz. 20c., ¼ lb. 50c., lb. \$2.00.

Large Red Wethersfield. A leading variety in Eastern States; grows to full size the first season from seed, almost round, large size, deep red color, and keeps well. Pkt. 5c., oz. 20c., ¼ lb. 50c., lb. \$2.00.

Southport Yellow Globe. Pkt. 5c., oz. 20c., lb. \$2.00.

Southport White Globe. Pkt. 10c., oz. 30c., lb. \$3.50.

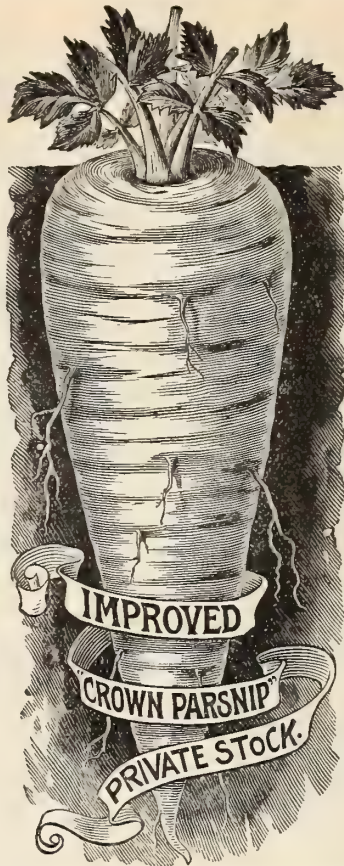
ONIONS (Continued).



ONION SETS.

(Prices May Fluctuate.)

- White.** Qt. 25c., pk., \$1.50, bush. \$4.50.
- Yellow.** Qt. 20c., pk. \$1.00, bush. \$3.00.
- White Multiplier Onion Sets.** Qt. 30c. 4 qts. \$1.00.
- Tree or Top Onion Sets.** Qt. 25c., 4 qts. 80c.
- Potato Onion Sets.** Qt. 25c., 4 qts. 80c.



PARSNIP.

One ounce to 100 feet; six pounds to the acre.
 Sow early in spring in drills fifteen inches apart and one-half inch deep; when plants are two or three inches high, thin out to six inches in the rows, cultivate often until the leaves cover the ground. These roots are improved by frost, and can be left in the ground over winter.

Large Sugar or Hollow Crown.
 The best variety; very smooth, of excellent flavor. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 60c.



Sweet Bell Pepper.

PEPPER.

One ounce will produce about 100 plants.

Sow in hotbed in April, and transplant the plants to open ground in warm, settled weather to rows two feet apart and eighteen inches in the rows, or, when all danger of frost is past, sow at once in the open ground and thin to the same distance as above. Any rich fertilizer, if applied and stirred into the soil when the plants are six inches high, will be found of great benefit.

Large Sweet Bell or Mountain. Large variety, mild, rind thick, fleshy; best for pickling and pepper sauce, or filled as mangoes. Pkt. 5c., oz. 25c., ¼ lb. 65c., lb. \$2.00.

Golden Dawn. Beautiful golden yellow, quite sweet, without any fiery taste; very productive. Pkt. 5c., oz. 25c.

Cayenne Long Red. Pkt. 5c., oz. 25c., ¼ lb. 75c., lb. \$2.50.

Ruby King. Bright scarlet, large, productive sort. Pkt. 10c., oz. 30c., ¼ lb. \$1.00, lb. \$3.50.

Celestial. Pkt. 10c., oz. 30c.

Red Cherry. Pkt. 10c., oz. 25c.

PEPPER PLANTS.

Ready May 15th.

Large Sweet Bell and Red Cayenne. Doz. 20c., 100 \$1.25.



Covent Garden Curled Parsley.

PARSLEY.

One ounce sows about 100 feet of drill.

Seed germinates very slowly, plants sometimes not appearing for three or four weeks; soak seed a few hours in lukewarm water before sowing.

Double Curled Covent Garden. Finely curled dwarf. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb., 75c.

PARSLEY (Continued).

Extra Curled Perpetual. Leaves tender, crimped and very curly; excellent for garnishing. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 90c.

Fern Leaved. Most valuable for garnishing and for ornamental foliage plant in borders. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. \$1.00.

PEAS.

One quart to one hundred feet of row.

Peas succeed best in light, dry, loamy soil. Early and dwarf sorts require richer soil than the late varieties. If manure is used, let it be old and well rotted, or there will be a rank growth of vines with few pods. Sow the early, smooth, round sorts as early in the spring as the ground can be worked. Seeds of wrinkled varieties are more liable to rot if the ground is cold, and must be planted later. Sow seed in single rows, three feet apart, for dwarf sorts, and four for tall sorts, or in double drills, six to eight inches apart, one inch apart in the drill, and not less than four inches deep, for late sorts seven to eight inches deep. Deep planting prevents mildew.

Fine Peas. The "American" office agricultural window had a fine display of Michell's Dandy peas last week. They were raised by J. Wesley Wilkins of Upper Providence, and were the first of the season.—*Delaware Co. American, May 30th, 1894.*

LATE VARIETIES.

Blue Imperial. A favorite summer, market gardener's variety; good bearer and of fine flavor; three feet high. Pkt. 5c., qt. 20c., pk. \$1.00, bush. \$3.50.

Laxton's Fillbasket. Large, prolific, pods long, round and closely filled; one and a half feet high. Qt. 50c., pk. \$2.75.

Yorkshire Hero. A splendid wrinkled marrow for market and kitchen gardens; two and a half feet high. Pkt. 5c., qt. 25c., pk. \$1.25, bush. \$4.50.

Telephone. Immensely productive, of the finest quality, and excellent sugary flavor; four feet high. Pkt. 5c., qt. 25c., pk. \$1.50, bush. \$5.00.

Stratagem. Wrinkled marrow, large size peas of excellent quality; two and a half feet high. Qt. 35c., pk. \$1.75, bush. \$6.00.

Champion of England. One of the best and most popular wrinkled varieties in cultivation, of delicious flavor; a profuse bearer; five feet high. Qt. 25c., pk. \$1.25, bush. \$5.00.

Royal Dwarf White Marrowfat. A favorite late variety; three feet high. Qt. 15c., pk. 75c., bush. \$2.50.

Black-eyed Marrowfat. Extensively grown as field peas, hardy, productive; four feet high. Qt. 15c., pk. 75c.

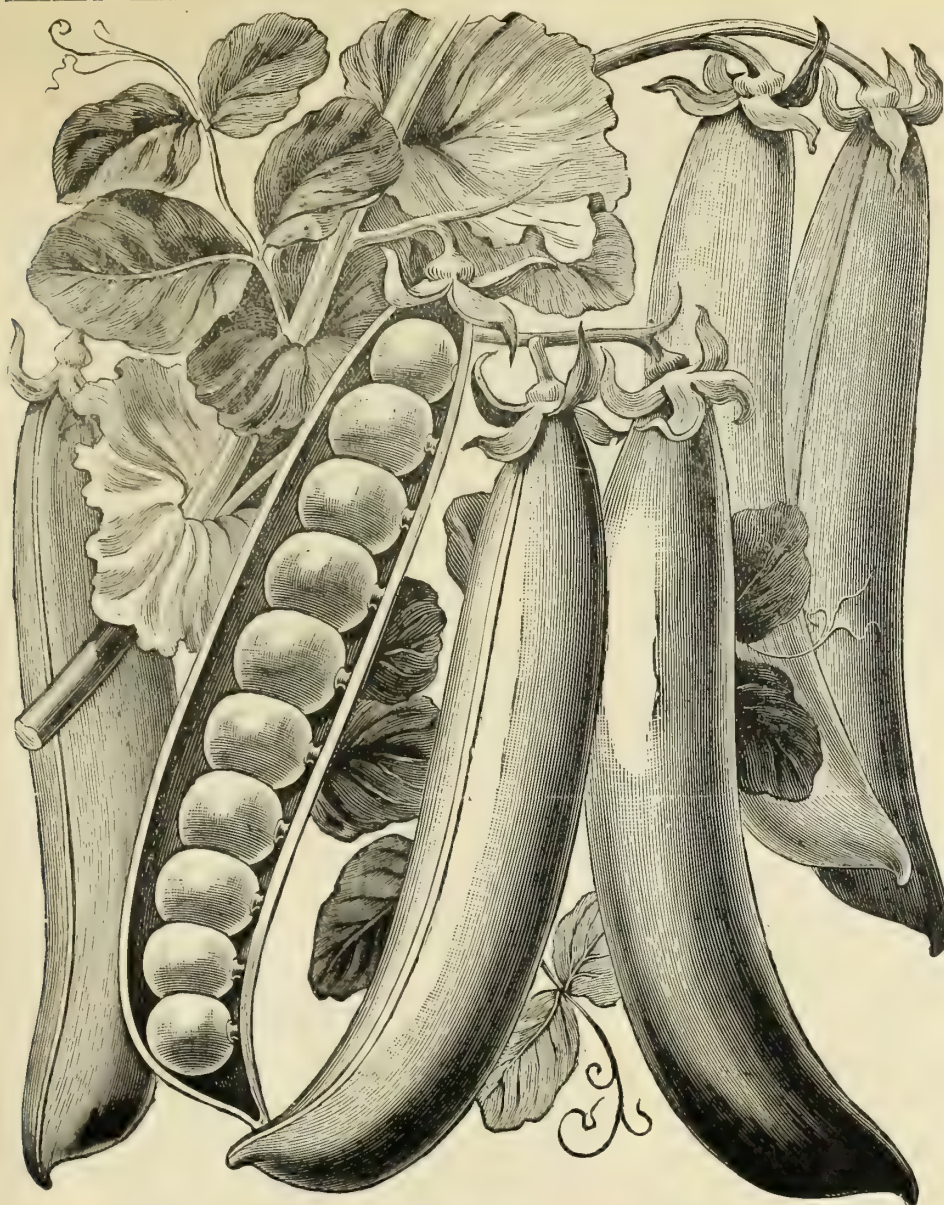
Dwarf Sugar (edible pod). Pkt. 10c., qt. 40c.

Second Early or Summer Varieties.

Bliss' Abundance. Ripens about one week after the earliest kind. Six to eight inches apart in the rows is the nearest that the plants should stand; one and a half feet high. Pkt. 5c., qt. 25c., pk. \$1.50, bush. \$4.50.

Pride of the Market. A medium early dwarf pea of vigorous habit and very productive; one and a half feet high. Pkt. 5c., qt. 30c., pk. \$1.50, bush. \$5.50.

Long Island Mammoth. Earlier than Champion of England; an excellent cropper. Pods large size and well filled with peas of very good quality; height three and one-half feet. Pkt. 10c., qt. 30c., pk. 40c., bush. \$1.50, bush. \$5.00.



MICHELL'S PEAS.

EARLY SORTS.

Michell's Dandy Extra Early. Selected from first crop of Eureka's and are the best extra early pea in the market. Pkt. 10c., qt. 30c., pk. \$1.50, bush. \$5.00.

Eureka Extra Early. Earliest, most prolific variety. For a late fall crop it has few equals; height twenty inches. Pkt. 15c., qt. 25c., pk. \$1.25, bush. \$4.50.

Alaska. An extra round pea, resembling Kentish Invicta. Of good flavor and color; height two feet. Pkt. 5c., qt. 25c., pk. \$1.25, bush. \$4.50.

Improved Daniel O'Rourke. A valuable sort of good flavor, productive and early. Pkt. 5c., qt. 25c., pk. \$1.25, bush. \$4.00.

American Wonder. The earliest wrinkled variety in cultivation; of dwarf and robust habit, growing from ten to twelve inches high. Will mature in thirty-three days from time of planting. Pkt. 5c., qt. 35c., pk. \$1.75, bush. \$6.00.

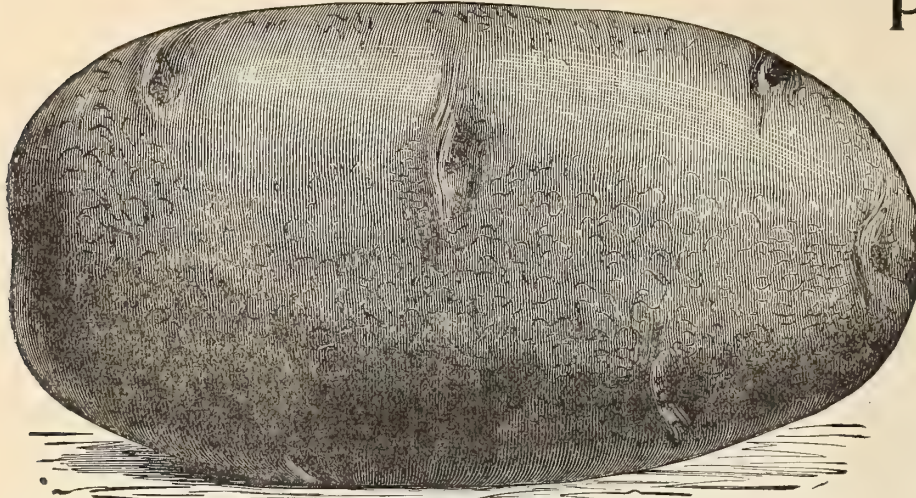
McLean's Little Gem. Dwarf first early, green-wrinkled marrow, very prolific, superior flavor; one foot high. Pkt. 5c., qt. 30c., pk. \$1.50, bush. \$5.00.

Extra Early Premium Gem. A fine flavored dwarf, wrinkled variety; height 18 inches. Qt. 30c., pk. \$1.50.

POTATOES.

Plant 10 Bush. to the Acre.

The soil best suited to the potato is a rich, sandy loam; being a gross feeder it requires a liberal application of manure; if stable manure is to be used it should be well rotted and not allowed to come in contact with the tubers. On no other crop are the results from the use of phosphates so manifest as on the potato; almost invariably the tubers are brighter, smoother and freer from rust and the destructive influence of wire worms. The best fertilizers are plaster, lime, super-phosphate of lime, and bone dust, for heavy and wet soils especially, as they promote growth and, at the same time prevent disease. Plant as early in spring as the ground can be thoroughly worked, in rows three feet apart and one foot in the rows.



Northern-Grown Potato.

Advantages of Changing Seed Potatoes.

There is no other crop that we raise that is so much benefited by the introduction of fresh seed from time to time as the potato. They seem to take on NEW LIFE and PROSPER WONDERFULLY, provided the change is to a well-selected stock, and the FURTHER NORTH it is grown, the better. Our best customers will not plant their own raising of seed at all, but buy of us every year. They can GROW NEARLY DOUBLE THE CROP on the same land that they can from their own raising, and the TUBERS ARE SMOOTHER, HANDSOMER and of better quality and more salable in the markets.

SWEET POTATOES.

Yellow Nansemond. A thick variety, very productive, and the best for general culture. Pk. 60c., bush. \$2.00, bbl. \$4.00.

SWEET POTATO PLANTS.

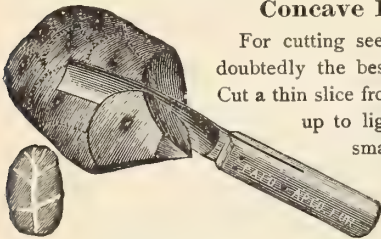
Ready May 10.

Yellow Nansemond. 100, 25c., 1000, \$1.50, lots of 5000, \$1.20 per 1000.

Concave Potato Knife.

For cutting seed potatoes. This is undoubtedly the best knife for the purpose. Cut a thin slice from centre of potato, hold up to light and see feeders as in small cut.

25c. each, postpaid.



PUMPKIN.

One Ounce to 50 Hills, 3 Pounds to the Acre.

Sow in good soil in May, when ground has become warm, in hills eight to ten feet apart each way, or in field corn about every fourth hill; plant at same time with corn, always avoiding planting near other vines, as it will hybridize.

Cashaw. Long yellow crook neck, the best for table use or feeding stock; flesh yellow, solid, fine grained and sweet. Pkt. 5c., oz. 10c., lb. 60c.

Large Cheese. One of the best for table use, skin orange, flesh yellow and sweet. Pkt. 5c., oz. 10c., lb. 50c.

Large Tours or Mammoth. Grows to an immense size, often weighing over 100 pounds. Pkt. 5c., oz. 10c., lb. 75c.

Connecticut or Large Common Yellow Field. Grown principally for feeding stock. Oz. 5c., qt. 20c., bush. \$4.00.

True Tennessee Sweet Potato. A splendid pie and cooking pumpkin. Pkt. 5c., oz. 10c., 1/4 lb. 25c., lb. 75c.



PUMPKINS

COPYRIGHTED 1891 BY A. BLANCH.

Lightning Express Extra Early. The earliest and one of the very best. Pk. 75c., bush. \$2.25, bbl. \$5.00.

State of Maine. Medium early, good keeper. Pk. 50c., bush. \$1.75, bbl. \$4.25.

Freeman (New). Considered to be the finest early potato to this date. Pk. 75c., bush. \$2.00, bbl. \$5.00.

Early Rose. A leading variety for earliness, quality and productivity. Pk. 50c., bush. \$1.50, bbl. \$3.75.

Early Ohio. A seedling of the Early Rose, ripens about a week earlier, excellent quality. Pk. 75c., bush. \$2.00, bbl. \$4.50.

Beauty of Hebron. A little earlier than Early Rose, very productive, a good keeper. Pk. 50c., bush. \$1.50, bbl. \$3.75.

Burbank's Seedling. A medium early variety, producing a large crop. Pk. 50c., bush. \$1.50, bbl. \$3.50.

Mammoth Pearl. Medium late, free from rot, never hollow; skin and flesh white, cooks like a ball of flour; very productive and good keeper. Pk. 50c., bush. \$1.50, bbl. \$3.50.

White Star. Baked or boiled, its color, floury texture and delicious flour are unsurpassed; excellent keeping quality. Pk. 50c., bush. \$1.50, bbl. \$3.50.

The Lightning Potato Eye Cutter



does the work many times faster and is more accurate than the knife. It is gauged to cut enough flesh with each eye to strengthen and vitalize it and does the work in a scientific manner. No matter how small a crop you intend to plant you should use this cutter.

15c. postpaid.

AUGUST 15, 1894.

I send you herewith a sample of potatoes grown from seed which I purchased of you last spring. I am highly pleased with them.

WILLIAM LAWSON,

Gardener to Miss F. Welch,

School Lane,

Germantown.

RADISH

One ounce to seventy-five feet of row.

Radishes delight in light, rich, mellow soil, and to be crisp and tender, must make rapid growth. For very early use sow in a gentle hotbed in January, and continue sowing every two weeks until September, choosing the varieties suited to the season; sowings should be made in drills ten inches apart, and the plants should be thinned to two inches apart in the row. Sow winter radishes in July and take up before severe frosts and store in sand or earth in a cool cellar.



White Box Radish.

Large White Summer Turnip. The market gardener's favorite; large, turnip-shaped, white, very crisp and mild. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Large Yellow Summer Turnip. Like the above, except in color. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Long White Lady Finger. A fine white crisp and mild variety. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 75c.

White Strasburg. Oblong, of a pure white color, and mild flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 75c.

RHUBARB.

Linnaeus. Well-known market variety; early. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 45c., lb. \$1.50.

Victoria. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 45c., lb. \$1.50.



Early White Bush or Patty Pan Squash.

EARLY SORTS.

Early White Bush or Patty Pan. The best early variety; grows to a large size and bears an abundant crop. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Golden Custard. Of similar size and shape to the White Bush, but of a rich golden yellow color and fine flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Yellow Crook Neck. Early productive, and of good quality; skin orange yellow. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

EARLY SORTS.

Round Red Forcing or Button. The earliest and best of the turnip varieties for forcing. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Round White Forcing. Similar to the above in every respect, except its white skin. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb., 75c.

Fireball. Brilliant scarlet color, crisp, tender, of mild flavor; useful only as a forcing variety or for early spring use. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Cardinal or Scarlet Globe. The very best forcing variety, is of globular shape and brilliant cardinal red color. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

White Box, Philadelphia Grown. Perfectly round, smooth skin, pure white and free from any sharpness or bitterness; a remarkably quick grower, with small top. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Early French Breakfast. Oblong shape, rapid growth, very mild and tender, of a beautiful scarlet color, tipped with white. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Long Scarlet Short Top or Salmon. The standard family and market gardeners' variety; long bright scarlet with small top. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

SUMMER SORTS.

Beckert's Chartier. Color bright salmon scarlet, shading to white as it approaches maturity; it is very crisp, tender, and of mild and pleasant flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Golden Globe. (New.) Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

WINTER VARIETIES.

Scarlet China Winter. One of the best fall and winter varieties, bright rose color. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c. lb. 75c.

Long Black Spanish Winter. A large, long variety, one of the hardiest, firm in texture, keeping until spring. Pkt. 5c. oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Round Black Spanish Winter. Like the above, except form. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 75c.

RHUBARB ROOTS.

Set in spring and they will furnish leaf stalks the following season. We offer the largest and best variety.

Victoria. Each, 10c., doz. \$1.00.

SQUASH.

One ounce to fifty hills.

Squashes should be planted in a warm, light, rich soil, about the middle of May or June. Plant in well-manured hills, in the same manner as cucumbers and melons—the bush varieties three or four feet apart each way, and the running kind six to eight feet. Eight to ten seeds should be sown in each hill, thinning out after danger from bugs is over; leave three or four of strongest plants to a hill.

SUMMER AND FALL SORTS.

Butman. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Hubbard. A general favorite, and one of the best late table varieties; of large size, flesh fine grained, dry, and of excellent flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Vegetable Marrow. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.00.

Boston Marrow. About ten days later than the bush varieties; a good keeper, of excellent flavor, flesh orange colored and fine grained. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Faxon (New). Pkt. 10c.

Sweet Nut. Medium size, flesh rich and very sweet; enormously productive and valuable both as a summer and a winter Squash; entirely borer-proof. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

SUMMER SAVORY.

Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c.

SWEET BASIL.

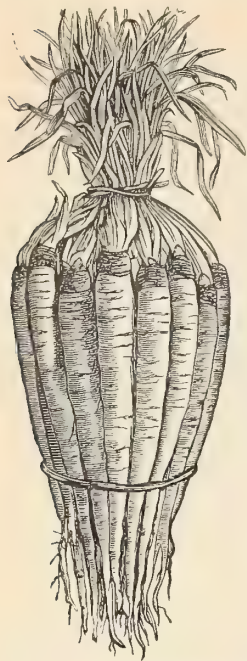
Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c.

SWEET MARJORAM.

Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c.

THYME.

French Summer. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00.



Sandwich Island Salsify

SALSIFY.**(OYSTER PLANT.)**

One ounce of seed will sow about fifty feet of drill.

Sow in early spring in drills fifteen inches apart and one to two inches deep, thin to six inches apart. Soil should be very deep and mellow in order that the root may grow straight down. Store same as carrots for winter use, or they can be left in the ground until spring.

Mammoth Sandwich Island.

This variety is of enormous size, twice as large as the ordinary French; pure white, very tender and delicious. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Long White. The favorite market variety, and best flavored. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

SAGE.

Sage. Pkt. 5c., oz. 15c., lb. \$1.25.

Holt's Mammoth. Strong roots. Each 10c., doz. \$1.00, 100, \$5.00.

SORREL.

Broad Leaf French. Pkt. 5c., oz. 15c.



Bloomsdale Savoy Spinach.

SPINACH.

One ounce to seventy-five feet of drill, or at rate of ten pounds per acre.

Select very rich, well-drained soil, and sow in drills one foot apart and inch deep. For spring and summer use, make the first sowing early in March, and continue at intervals of two or three weeks until the middle of July. Sow in August and September for winter or early spring use, and protect with a covering of straw during severe weather.

Bloomsdale Round-seeded Savoy. The hardiest large Savoy leaved; curled and crimped, with thick, fleshy leaves; the best for family and market purposes, and the best of all sorts for fall sowing. Pkt. 5c., oz. 10c., lb. 35c.

Long Standing Round-seeded. Will stand two weeks longer than any other sort before shooting to seed. The best for spring sowing on account of seeding so late. Pkt. 5c., oz. 10c., lb. 35c.

Prickly-seeded, or Fall. The hardiest variety. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 40c.

The first Prize at the recent Chrysanthemum Show at Philadelphia for the best Greenhouse Tomatoes was awarded to Julius Brust,

Gardener to JAY COOKE, ESQ.

**TOMATOES.**

One ounce Will produce about 1000 plants.

Sow the seed in March or April in the hotbed, or in a box in a sunny place in the house. To make very healthy, stocky plants, they may be transplanted when about two or three inches high.

When five or six inches high, if the ground has become warm, transplant to the open ground. Set plants four feet apart.

Atlantic Prize. The earliest of all varieties. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Living ton's Stone. A fine new variety. Fruit very large, bright scarlet, very smooth ripening evenly to the stem without a crack; and not subject to rot. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

Mayflower. One of the earliest of the large kinds in cultivation, of a bright red color, ripens evenly to the stem, perfectly smooth, flesh solid, of rich flavor. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Acme. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Livingston's Perfection. Early perfectly smooth solid, almost round, deep red in color, with few seeds, and ripening all through at the same time; a heavy cropper. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Livingston's Favorite. Ripens evenly and early; very prolific, good flavor, few seeds, flesh solid. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Paragon (selected). It is early, a heavy bearer and produces fruit until killed by frost. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Red Mikado. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Matchless. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Lorillard. It is the best variety for forcing under glass, very solid; from four to five fruit per bunch. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

Selected Trophy. Seed is saved only from the finest ripe specimens. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Thorburn's Long Keeper. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

Ponderosa The largest tomato in existence. Pkt. 10c., oz. 50c., $\frac{1}{4}$ lb. \$1.50.

Red Cherry. Used for preserving. Pkt. 5c., oz. 25c.

Yellow Pear. Used for preserving. Pkt. 5c., oz. 25c.

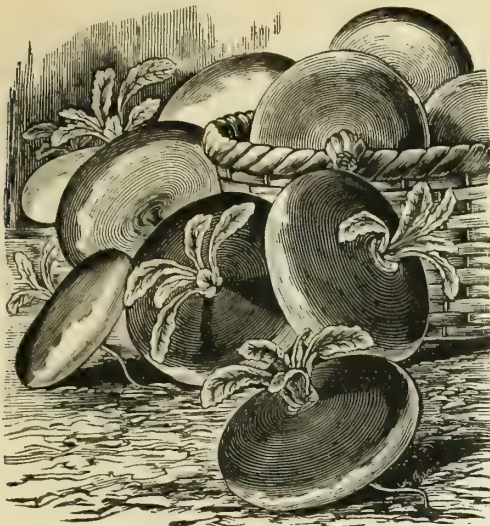
TOMATO PLANTS.

Ready May 15th.

We have these grown in very large quantities by a specialist, and can supply the following standard sorts true to name:

Paragon, Selected Trophy, Beauty, Mikado, Livingston's Stone.

Transplanted plants, doz. 20c., 100, \$1.25, 1000, \$10.00.
Not transplanted, 1000, \$6.00.



TURNIP

One ounce for 100 feet, two Pounds to the acre.

For early use sow the small sorts as soon as the ground can be worked in the spring, in drills fourteen inches apart, Rutabagas thirty inches. As the seed is fine it should be covered but slightly, excepting in very dry weather. Of the early varieties thin the plants to six inches apart and the Swedes to one foot. For fall and winter use, the early kinds should be sown from the middle of July to the middle of August, and Swedes from the middle of June to the fifteenth of July.

Early White Flat Dutch. An early white-fleshed variety, of quick growth, mild flavor and excellent quality. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 50c.

Early White Egg. An egg-shaped variety for spring or fall sowing. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Early Red or Purple Top Flat. This strap-leaved variety is the principal sort for early spring and fall use; top is red or purple, flesh fine-grained, of mild flavor and a good keeper. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 50c.

Purple Top White Globe. Either for table or stock, is a heavy producer, early, of rapid growth, and an excellent keeper. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 50c.

Yellow Globe or Amber. One of the best for a general crop, excellent for table use or feeding stock, and keeps well until late in the spring. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 50c.

Extra Early Purple Top Munich. Pkt. 5c., oz. 10c., lb. \$1.00.

Yellow Aberdeen. Pkt. 5c., oz. 10c., lb. 50c.

Improved Yellow Purple Top Rutabaga or Swede. The leading market variety, and principally grown for stock as well as for family use; hardy, productive, flesh yellow, solid, sweet, fine-grained, and of good flavor. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 50c.



Improved Yellow Purple Top,
Ruta Baga.

Miscellaneous Seeds.

WHEAT.

Fultz. The leading winter wheat in this section; heavy cropper. Peck 40c., bush. (60 lbs.), \$1.25

OATS.

Wide Awake. Peck, 50c., bush. \$1.50.

Welcome. Peck, 40c., bush. \$1.25.

RYE.

\$1.00 per Bushel.



BUCKWHEAT.

Japanese. A new variety, enormously prolific, yielding double the weight of other sorts. Makes an excellent flour, equal in quality to the Silver Hull. Lb. 15c., bush. (48 lbs.), \$1.50.

Silver Hull. Lb. 15c., bush. (48 lbs.), \$1.50.

BROOM CORN.

Improved Evergreen. Qt. 15c., bush. \$3.00.

CANADA FIELD PEAS.

Used as feed for pigeons, etc., also for green soiling. Qt. 20c., bush. \$1.75.

SUGAR CANE.

Early Amber. The earliest and most productive variety. Sow four quarts in drills and eight quarts broadcast to the acre. Qt. 20c., bush. \$3.00.

OSAGE ORANGE SEED.

Sprout the seed before sowing, then sow in rows, and when one year old transplant. Manure well, and plow deep before planting. Oz. 10c., lb. 50c., bush. (33 lbs.), \$7.00.

OSAGE ORANGE PLANTS.

Strong, two years old. 100, 80c., 1000, \$5.00.

TEOSINTE.

(Reana Luxurians.) Excellent forage plant, used for ensilage. Oz. 10c., lb. \$1.00. (For Mangels see Beet.)

TARES, OR SPRING VETCHES.

Used for plowing under; sow one bushel to the acre. Qt. 20c., postpaid 35c., bush. \$3.00.

FLAX SEED.

Qt. 10c., bush. \$2.50.

TOBACCO.

Connecticut Seed Leaf. One of the best varieties for cigar wrappers. Pkt. 10c., oz. 30c.

Pennsylvania Seed Leaf. The most noted selection grown in Lancaster county. Pkt. 10c., oz. 50c.

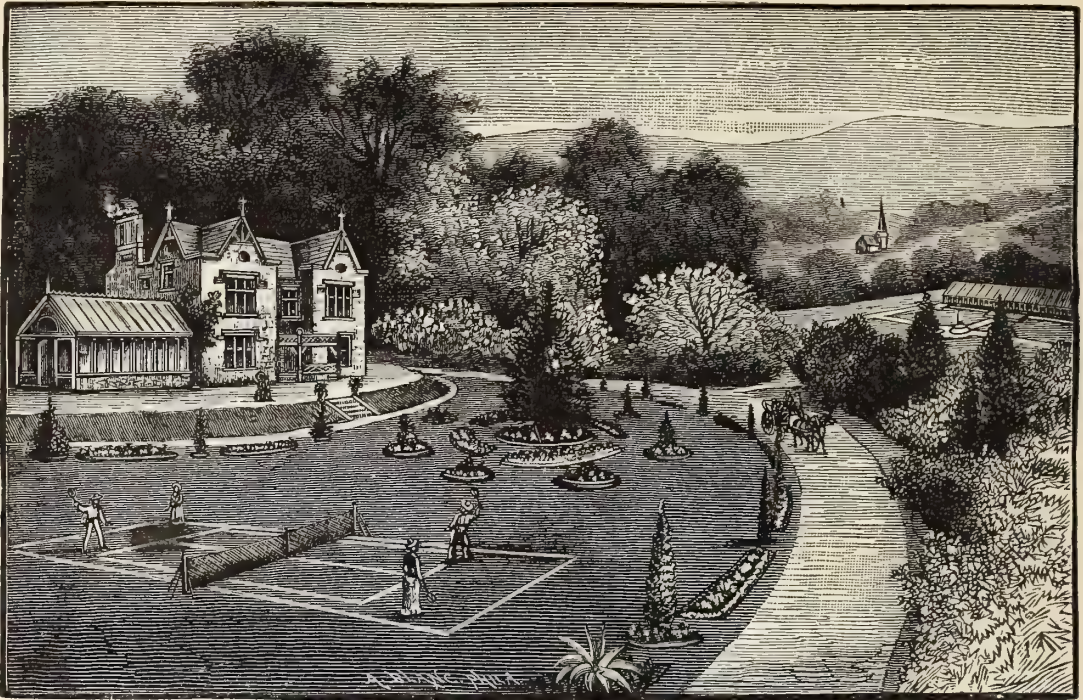
Havana. Pkt. 10c., oz. 50c.

BOOK ON TOBACCO CULTURE.

Mailed on receipt of 25c.

SUNFLOWER.

Mammoth Russian. Bears extra large flowers, which produce a very heavy crop of seed. Qt. 10c., bush. \$2.00.

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GRASS SEEDS.

Michell's "Non Superior Evergreen" Lawn Grass Seed. This mixture is made of the finest varieties, presenting the appearance of the lawn like a bed of dark green velvet. We can safely say that there is no better mixture in the market. The seeds used are all fresh, and enough white clover is added to make it strong and durable. Qt. 25c., pk. \$1.25, bush. (20 lbs.) \$4.50, 5 to 10 bush. lots, \$4.00. (Bush. of 15 lbs. \$3.75.)

Fairmount or Central Park Lawn Mixture. A very fine mixture which we can highly recommend. Qt. 20c., pk. 75c., bush. (15 lbs.) \$3.00, 5 to 10 bush. lots, \$2.75 bush. Special price on larger quantities.

Michell's Lawn Tennis Mixture. Contains a special mixture of short growing varieties. Bush. of 20 lbs., \$4.00.

Flint's Mixture for Permanent Pasture Lands. This is a mixture made of ten of the best and most hardy grasses to form a permanent pasture. Sow two bushels to the acre. Qt. 15c., bush. (20 lbs.) \$3.00, 5 bush. lots and over, \$2.85 bush.

Shady Lawn Mixture. Specially adapted for lawns on which there are trees and where the usual grass seeds do not thrive. Pk. \$1.50, bush. of 16 lbs. \$4.50.

Timothy Seed (Prime). About \$3.00 for 45 lbs.

Extra Clean Kentucky Blue Grass. Qt. 15c., bush. (14 lbs.) \$1.75. Special price on large quantities.

Fancy Cleaned Kentucky Blue Grass. One of the most valuable sorts for lawn purposes, and as a pasture grass is indispensable; thrives in dry soils and retains its verdure during the hottest weather. This grade is the best for sowing lawns. Qt. 15c., bush. (14 lbs.), \$2.25. Special price on larger quantities. Original 8 bush. sacks at \$1.90 bush.

Wood Meadow Grass (*Poa Nemoralis*). Particularly adapted for pleasure grounds and lawns; will grow under trees where few other grasses can exist. Lb. 40c., 10 lbs. \$3.50.

Natural Green Grass. Forms a heavy sward, but does not retain its color as well as blue grass. Qt. 25c., bush. (14 lbs.), \$3.00.

Herd or Red Top Grass. Qt. 15c., bush. (10 lbs.), 85c., sack of 50 lbs., \$4.00.

English Rye Grass (*Perennial Rye*). Qt. 20c., bush. (24 lbs.), \$2.25.

Orchard Grass. One of the most desirable grasses for pastures, sowing under orchards or in shady places. Lb. 20c., bush. (12 lbs.), \$2.50.

Sheep's Fescue (*Festuca Ovina*). Sow 40 lbs. to the acre. Lb. 20c., 100 lbs. \$18.00.

Sweet Vernal (*Perennial*). Very fragrant. 50c. lb., 6 lbs. for \$2.50.

CLOVER SEED.

White Dutch Clover. The best variety for lawns; remains green throughout the season; highest grade of seed only. Lb. 30c., 10 lb. lots and over, 28c. lb.

Alsike or Swedish. Valuable for pasturage or ensilage. Lb. 20c., 100 lbs. \$16.00.

Alfalfa or Lucerne. Sow early in spring to secure a good stand before winter. Lb. 20c., bush. (60 lbs.), \$9.00, 100 lbs. \$13.00.

Bokhara Clover. Excellent for bee food. Lb. 30c., 10 lbs. \$2.75.

Red Clover. The seed we offer is re-cleaned and free from weeds. Lb. 18c., bush. (60 lbs.), about \$8.00. Subject to market changes.

Scarlet Clover. Lb. 15c., bush. \$4.25.

MILLET.

(Prices fluctuate.)

Common Millet. Qt. 15c., bush. (48 lbs.) \$1.35.

German or Golden Millet. Qt. 15c., bush. (48 lbs.), \$1.50.

Hungarian Millet. Qt. 15c., bush. (48 lbs.), \$1.50.

Egyptian or East India Pearl Millet. Grows from eight to ten feet high. Sow three to five pounds per acre. Lb. 25c., 10 lbs. \$2.00.

FOR LAWN

FERTILIZERS

AND GARDEN

Michell's (Strictly Pure and Fresh) Bone Meal.

In fertilization nothing takes precedence in importance over animal bones, because they furnish the soil with the essential requisite of nitrogen as well as phosphoric acid. They consist, in the main, of gelatine and phosphate of lime. On the average, 1000 pounds of good bone dust contains about 38 pounds of nitrogen and nearly 25 per cent. of phosphoric acid; to put it familiarly, one ton of good bone dust contains as much nitrogen as eight and one-half tons fresh stable manure, and as much phosphoric acid as 110 tons of same. The most substantial fertilizer for plants and lawns. 3-lb. box, 15c., 5-lb. bag, 25c., 10 lbs. 40c., 25 lbs. 90c., 100 lbs. \$2.25, sack of 200 lbs. \$4.00, ton, \$35.00.

First-Class Pure Bone Meal.

Per sack of 200 lbs., \$3.50; per ton, \$30.00.

Ashes—Canada Unleached Hard Wood.

These contain all of the fertilizing elements except nitrogen. Ashes correct sourness in the soil, rendering sandy soils more capable of retaining fertilizers and making clay soils less stiff and more easily worked. They drive away insects, and are indispensable for all crops requiring potash. They are very beneficial for garden and field crops. Apply about 1000 lbs. to the acre. Per 100 lbs. \$1.50, bbl. of 250 lbs. \$3.00, ton of 2000 lbs. in barrels, \$20.00, car-load lots of about 20 tons, in bulk, \$17.00.

Pure Ground Bone.

Coarser than bone meal; apply 400 lbs. to the acre. 25 lbs. \$3.00, 100 lbs. \$2.25, sack of 200 lbs. \$4.00, ton \$35.00.

Super-Phosphate.

ANALYSIS: Ammonia, 2 to 3 per cent.; Bone Phosphate, 24 per cent.; Available Phos. Acid, 8 to 9 per cent.; Sulph. Potash, 1 to 2 per cent. It stands without a rival as the largest crop producer at the smallest outlay. It is a complete manure. You can buy phosphates that cost \$5 to \$10 per ton more, but you can't buy one that will give larger increase in crops. Every bag is up to the standard and equal in strength and mechanical condition to that heretofore sold. 25 lbs. 90c., 100 lbs. \$2.00, 200 lbs. \$3.50, ton \$29.00. Harrow or drill in, using 200 to 300 lbs. per acre; if applied broadcast, use 300 lbs. per acre.

Pure Peruvian Guano.

1 1/2-lb. box, 15c., 3 1/2-lb. box, 25c., 10 lbs. 50c., 100 lbs. \$3.75, sack of 200 lbs. \$6.50.

Pure Bone Flour.

Ground perfectly fine; excellent for pot plants or beds where an immediate effect is wanted. 5 lbs. 25c., 25 lbs. \$1.25, 100 lbs. \$3.00, bag or bbl. of 200 lbs. \$5.00, ton \$40.00.

Clay's Fertilizer.

Imported manure especially recommended for flowers or vegetables, to bring them to the highest perfection. Should be used in potting soil, and spread on staging of greenhouses planted with flowering plants. Per bag of 25 lbs. \$2.25, 50 lbs. \$4.00, 100 lbs. \$7.00.

Pulverized Sheep Manure (Fresh).

Also excellent for pot plants. 2 lbs. 15c., 4 lbs. 25c., 10 lbs. 50c., 25-lb. bag, \$1.00, 50 lbs. \$1.50, 100 lbs. \$2.50.

Muriate of Potash.

50 lbs. \$2.25, 100 lbs. \$4.00, 200 lbs. \$6.00.

Nitrate of Soda.

For all crops. Contains the largest percentage of nitrogen; equal to twenty per cent. of ammonia. It is very quick in action, and hastens maturity of crops fully two weeks. Should not be applied until the plants are above ground, when 100 to 150 lbs. per acre should be sown with other fertilizers, or mixed with phosphates. Shipped in double bags. 50 lbs. \$2.50, 100 lbs. \$4.00, 200 lbs. \$6.50.

Sand Plaster (Calcined).

25 lbs. 50c., 100 lbs. \$1.00, bbl. \$1.50, ton. \$10.00.

Bowker's Ammoniated Food for Flowers.

Made especially for plants grown in conservatory, house or garden; clean, free from offensive odor. Full directions with each bag or package. Package, 25c., by mail, 40c., 5-lb. bag, 75c., 10 lbs. \$1.25.

Agricultural Salt.

For top dressing lawns or asparagus beds. Apply early in spring, at rate of 800 to 1000 pounds per acre. 200 lbs. \$1.50, ton, \$9.00.

QUANTITY OF SEEDS USUALLY SOWN UPON AN ACRE.

	Lbs. per bush.
Beans, Dwarf, in drills	60
Beans, Pole, in hills,	60
Beets, Table, in hills,	6 lbs.
Beets Mangel Wurzel.	5 lbs.
Buckwheat	1 bush.
Cabbage, in beds to transplant	1/4 lb.
Carrot, in drills,	3 to 4 lbs.
Clover, Red	20 lbs.
Clover, White	12 to 15 lbs.
Clover, Alsike	10 lbs.
Clover, Lucerne or Alfalfa	20 lbs.
Corn, in hills.	8 to 10 qts.
Corn for fodder	3 bush.
Cucumber, in hills	2 lbs.
Grass, Kentucky Blue,	3 bush.
Grass, Orchard	3 bush.
Grass, English Rye	3 bush.
Grass, Red Top	3 bush.
Grass, Timothy	1/2 bush.
Grass, Hungarian,	1 bush.
Kale	5 lbs.
Melon, Musk, in hills,	2 to 3 lbs.

	Lbs. per bush.
Melon, Water, in hills.	4 to 5 lbs.
Millet	1 bush.
Oats, broadcast,	2 to 3 bush.
Onion, in drills,	6 to 8 lbs.
Onion for Sets, in drills,	50 lbs.
Onion Sets, in drills,	6 to 12 bush.
Parsnip, in drills,	4 to 6 lbs.
Round Peas, in drills	1 1/2 bush.
Wrinkled Peas, in drills	1 3/4 bush,
Peas, broadcast	3 bush.
Potatoes (cut tubers)	8 bush.
Pumpkin (in hills)	3 lbs.
Radish, in drills	8 to 10 lbs.
Rye, broadcast,	1 1/2 to 2 bush.
Salsify, in drills,	8 to 10 lbs.
Spinach, in drills	15 lbs.
Squash (bush varieties), in hills	4 lbs.
Squash (running varieties), in hills	3 lbs.
Tomato, to transplant	1/4 lb.
Turnip, in drills	2 lbs.
Turnip, broadcast,	2 lbs.
Wheat, broadcast	60
	1 1/2 to 2 bush.

FRESH AND RELIABLE FLOWER SEEDS

STRICTLY OF THE
FINEST QUALITY

For \$1.00 select to amount of \$1.25.

For \$2.00 select to amount of \$2.50.

For \$3.00 select to amount of \$4.00.

For \$5.00 select to amount of \$6.50.

For the Convenience of Customers we have numbered all the Flower Seeds, which saves a great deal of time and labor. Please be careful to give the correct number, as a mistake in the number would result in getting the wrong seeds.

ABRONIA.

Trailing plants, producing clusters of sweet scented, verbena-like flowers; effective in beds, rock-work, or hanging baskets. Half-hardy annuals; height, six inches.

1 **Umbellata.** Rosy lilac, with a white eye. Pkt. 5c.

ABUTILON.

Sown any time before April, in a temperature of sixty degrees, they will produce fine flowering plants the first season.

4 **Choice Mixed.** All colors. Two to 6 feet high. Pkt. 15c.

ACONITUM. (MONK'S HOOD OR WOLFSBANE.)

A hardy perennial, producing curiously shaped flowers in abundance.

7 **Napellus.** Very pretty blue and white flowers; three feet high. Pkt. 5c.

ADONIS. (FLOS ADONIS.)

Also known as Pheasant's Eye. Hardy annuals of easy culture, with pretty fine-cut foliage

13 **Æstivalis.** Dark crimson flowers, with a lighter centre; one foot high. Pkt. 5c.

14 **Agathea Cœlestis.** Beautiful blue flowers. Pkt. 10c.



Large-flowered Dwarf Blue Ageratum.

AGERATUM.

For large beds or borders, in bloom all summer; half-hardy annuals.

16 **Large-flowered Dwarf Blue.** Pkt. 5c.

17 **Large-flowered Dwarf White.** Pkt. 5c.

18 **Large-flowered Dwarf Mixed.** Pkt. 5c.

AMPELOPSIS.

(MINIATURE VIRGINIA CREEPER OR JAPANESE IVY.)

A hardy perennial from Japan; leaves turn to scarlet in autumn. Will adhere to brick or stone walls.

21 **Veitchi.** Pkt. 10c., oz. 30c.

LENOX, MASS., July 10, 1894.

I see by the *American Florist* that everyone should report to his seedsman as to how his seeds turned out. I have had all my summer flowering seed from you, with the exception of very few. But I can simply say that yours came up all very true to name. I am very much satisfied with all seed I have had from you, and I shall endeavor to use my influence towards you among my many fellow gardeners and superintendents around this section of the country. I am very truly yours,

J. FRANCIS HUSS,
Superintendent to PIERREPONT MORGAN, Esq.



Little Gem Alyssum.

ALYSSUM.

Free flowering plants for beds, edgings or rock-work, or winter blooming; the annual variety blooms all summer.

23 **Little Gem.** Of dwarf, compact habit, each plant covering a circle fifteen to thirty inches in diameter. It begins to bloom when quite small, and the plants are a solid mass of white from spring till late in autumn. Pkt. 5c., ¼ oz. 15c., oz. 50c.

24 **Sweet Alyssum.** White. Pkt. 5c., oz. 30c.

25 **Benthami Compactum.** Of true dwarf, compact growth; excellent for borders; white. Pkt. 5c., oz. 40c.

26 **Saxatile Compactum.** Showy golden-yellow flowers, hardy perennial, blooms the first season; one foot high. Pkt. 5c.

ACHILLEA.

Useful for cut flowers or for placing in cemeteries. Hardy perennial; eighteen inches high.

10 **Ptarmica Plena.** Pure white double flowers. Pkt. 15c.

ANEMONE. (WIND FLOWER.)

A very pleasing hardy perennial, easily grown from seed, producing large flowers early in the spring; one foot high.

45 **Coronaria, Mixed.** Scarlet, purple, blue, white and striped. Pkt. 10c.

AMARANTHUS. (HALF-HARDY ANNUALS.)

33 **Cruentus** (*Prince's Feather*). Erect-flowering, bright scarlet. Pkt. 5c.

34 **Caudatus** (*Love Lies Bleeding*). Blood-red, drooping; three feet high. Pkt. 5c.

35 **Gordoni or Sunrise.** Bronzy crimson foliage, shading off to brilliant scarlet tufts of leaves on top of stalk, lower leaves having a scarlet band through centre. Three feet high. Pkt. 10c.

36 **Salicifolius** (*Fountain Plant*). Pkt. 5c.

37 **Tricolor Splendens** (*Joseph's Coat*). Leaves red, yellow and green; three feet high. Pkt. 5c., oz. 50c.

38 **Mixed.** All sorts. Pkt. 5c.

ANTIRRHINUM. (SNAP DRAGON.)

A most showy and useful border plant. Large flowers of most brilliant colors, with beautifully marked throats; succeed in any good garden soil; very effective in beds. Hardy perennials, blooming first year if seed is sown early. One foot high.

49 **Dwarf Mixed.** Finest Tom Thumb. Pkt. 5c., oz. 40c.

50 **Tall Mixed.** Pkt. 5c.

51 **Imported Collections.** Ten Dwarf varieties, 40c.

52 **Imported Collections.** Ten tall varieties, 40c.

ASPERULA.

A hardy annual, with clusters of small, sweet-scented flowers. One foot high.

108 **Azurea Setosa.** Beautiful light blue. Pkt. 5c.

ASPHODELUS. (ASPHODEL.)

Very pretty, hardy perennials; two feet high.

111 **Mixed.** Yellow and white. Pkt. 5c.

AURICULA.

A well-known favorite; seed saved from splendid varieties. Half-hardy perennial, six inches high.

115 **Mixed.** Pkt. 20c.



Truffaut's Pæony-flowered Aster.

Imported Collection of Asters.

- 84 **Finest Quilled.** Ten varieties, 50c.
- 85 **Truffaut's Pæony Perfection.** Twelve varieties, 75c.
- 86 **Victoria.** Eight varieties, 50c.

Truffaut's Perfection Prize Asters.

Improved Pæony-flowered. One of the most perfect; very double, large, and finely shaped, the petals beautifully incurved. Considered the finest aster for garden or for cutting. One and a half feet.

- 58 **Pink** pkt. 10 1/8 oz. 50
- 59 **Glowing Crimson Scarlet** " 10 " " 50
- 61 **Purple Violet** " 10 " " 50
- 57 **Light Blue** " 10 " " 50
- 56 **Pure White** " 10 " " 50
- 60 **Finest Mixed** " 10 " " 50

Improved Victoria Asters.

- 64 **Pink** pkt. 10 1/8 oz. 75
- 66 **Scarlet** " 10 " " 75
- 67 **Purple** " 10 " " 75
- 65 **White** " 10 " " 75
- 68 **Finest Mixed** " 10 " " 75
- 70 **Dwarf Pyramidal Bouquet.** The plants form a complete bouquet of flowers; splendid colors. Mixed. One foot high. Pkt. 10c., oz. \$2.00.
- 71 **Cocardeau or Crown.** Showy flowers, very double, with white centres, bordered with bright rich colors. Eighteen inches high. Pkt. 10c., oz. \$1.50.
- 72 **Comet.** In shape they resemble a large-flowered Japanese chrysanthemum, petals being long and twisted, or curled and wavy; color, lovely delicate pink, bordered with white. Pkt. 10c.
- 73 **Dwarf Chrysanthemum-flowered.** Mixed. Pkt. 10c.
- 74 **Dwarf Queen.** Choicest mixed. Pkt. 10c., oz. \$2.00.
- 75 **Triumph.** The color is peculiarly rich and brilliant; when beginning to bloom it is a pure scarlet, but when in full bloom it changes to a magnificent satiny deep scarlet. Each plant bears at least thirty to forty flowers of exquisite beauty. Pkt. 15c.
- 78 **German Quilled, Mixed.** Perfectly double quilled flowers of beautifully mixed colors. Two feet high. Pkt. 5c.
- 79 **China or German, Mixed.** Pkt. 5c., oz., 60c.
- 80 **Perennial Mixed.** Hardy, herbaceous plants, thriving in any good garden soil. Pkt. 10c.

••• **ASTERS.** •••

Queen Margaret.

There is no flower which combines so much beauty and variety of habit and shape, with such brilliancy and richness of color as this; it is splendid for bedding, bordering or pot culture. Give it rich soil and plenty of water for the best results. The seed we offer has been saved from the very best double flowers only.

OCTOBER 16th.

You ought to see the Asters I have in bloom grown from your seed—they are immense.—WM. DESHIELDS, Gardener to Mrs. Alex. Brown, Torresdale, Pa.



- 76 **A Novelty of Sterling Merit.** For the amateur the New Branching has no superior. It is easily grown from seed and is of great utility and beauty for bedding purposes, coming at a season when there is little else in flower. The plants are borne on very long stems and are pure white of extraordinary size, being four inches and more in diameter. The petals are broad, long, and many of them are more or less twisted and curled in such manner as to give the blooms the appearance of large, loose and graceful chrysanthemums. The resemblance is so perfect that nearly every one would so consider them when seen as cut flowers. The plant is a strong grower and should have more room than ordinary asters. One lady says that from six plants after the flowers had been frequently cut for several weeks, all the remaining flowers and buds were cut one evening in October, when a heavy frost was expected, and placed in a large vase and remained on the parlor table for three weeks looking fresh, as the buds opened from day to day. All florists who have seen them greatly admire them, and there is no question that they will quickly find a place for themselves in the flower trade. Original Pkt. 20c., 3 pkts. for 50c.
- 81 **Aster—Mignon.** The Mignon Aster is now a well established popular favorite, and in habit resembles the Victorian section; the plants are semi-dwarf and bear when well-grown forty to fifty flowers, are of a beautiful shape, and unsurpassed for cutting purposes, having none of that stiffness characteristic of some other classes of aster. Choice Mixed. Pkt. 15c.
- 83 **Aster Betteridge's Quilled Yellow.** Sulphur yellow. Remarkably handsome variety of this free-blooming class. The flowers, being globular, quilled and very double, show the most clearly pronounced yellow ever known among asters. Pkt. 15c., 2 pkts., 25c.
- 87 **Simple's New Large-Flowering Chrysanthemum Asters.** The largest flowering variety, grows long stems and is very desirable for cutting. Mixed. Pkt. 10c., 1/8 oz. 50c.

AUGUST 29th, 1894.

The collection of Aster seed I had from you, 500 plants, are now in full bloom. They are the finest I ever saw, and for variety of colors they are unsurpassed.— J. F. CLARK, Gardener to Thomas Dolan, Esq., Torresdale, Pa.



AQUILEGIA.

(COLUMBINE.)

- 100 **Chrysantha** (*Golden Spurred*). Strong grower, forming bushy plants three feet high, bearing all through the season an abundance of bright golden-yellow flowers. Pkt. 10c.
- 101 **Cœrulea**. Flowers are very large, violet-blue, and inner petals pure white; two feet high. Pkt. 10c.
- 102 **Single**. All colors mixed; two feet high. Pkt. 10c., oz. 30c.
- 103 **Double**. All colors mixed; eighteen inches high. Pkt. 5c., oz. 40c.

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White Perfection Balsam.

BALSAM.

(LADY SLIPPER, OR TOUCH-ME-NOT.)

- Improved Camellia-Flowered**. Very choice strain.
- 123 **White Perfection**. Very double. Pkt. 10c., oz. \$1.00.
- 124 **Pink**. Very double. Pkt. 10c., oz. \$1.00.
- 125 **Scarlet**. Very double. Pkt. 10c., oz. \$1.00.
- 126 **Mixed**. Choicest. Pkt. 10c., oz. \$1.00.
- 127 **Mixed**. Very fine. Pkt. 5c., oz. 50c.
- 129 **Collection**. Six varieties, each separate. Pkt. 35c.

BALSAM APPLE.

Very useful. Pkt. 5c., oz. 25c.

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Begonia Vernon.

BEGONIA.

- 142 **Vernon** (*Semperflorens Atropurpurea*). A splendid and remarkably effective variety of Begonia Semperflorens, with abundant rich orange carmine flowers and bronzed-colored foliage. Very effective for bedding in masses, being covered with bloom from May until late in the autumn. Pkt. 15c.

TUBEROUS-ROOTED.

- 143 **Choicest Strain**. Single mixed. Pkt. 25c.
- 144 **Double Mixed**. Choicest strain. Pkt. 50c.
- 145 **International Prize**. Saved from best English, French and German tuberous-rooted varieties. Pkt. of about 500 seeds, 35c.

BALLOON VINE.

- 120. A favorite climber. Pkt. 5c., oz. 20c.

BEANS.

- Very rapid climber; flowering profusely, and admirably adapted for covering screens, etc.
- 138 **Scarlet**. Fiery scarlet. Pkt. 5c., pint 20c.
- 139 **White Runner**. Pure white. Pkt. 5c.

BIDENS. (*Dahlia Zimapani*.)

- A free-flowering tender annual, having beautiful foliage and bearing fine and attractive flowers. One foot high.
- 159 **Atrosanguinea**. Rich dark crimson with yellow anther. Pkt. 10c.

BRACHYCOME. (*Swan River Daisy*.)

- Free flowering plants, covered during the greater part of summer with a profusion of pretty Cineraria-like flowers. Half-hardy annual.
- 163 **Iberidifolia, Mixed**. Light blue and white. Six inches high. Pkt. 5c.

BEET.

- The ornamental-leaved beets are most useful for planting in ribbon-beds or in groups.
- 155 **Red Chilian**. Brilliant red foliage. Pkt. 5c., oz. 15c.
- 156 **Yellow Chilian**. Golden yellow. Pkt. 5c., oz. 15c.

BROWALLIA.

- One of our favorite bedding plants, covered with rich, beautiful flowers during the summer and autumn months, growing freely in any rich soil; blooms finely in winter if sown in August. Half-hardy annuals, eighteen inches high.
- 170 **Elata Grandiflora Cœrulea**. Large sky-blue flowers with a white centre. Pkt. 5c.

CACALIA. (*Tassel Flower*.)

- A neat, half-hardy annual of easy culture. Golden Yellow and scarlet. 1½ feet high.
- 192 **Mixed**. Pkt. 5c., oz. 30c.

*Calendula Grandiflora.***CALENDULA.**

(Pot Marigold.)

Showy, free-flowering, hardy annuals, growing in any good garden soil, producing a fine effect. One foot high.

175 **Grandiflora** (New). Beautiful large double yellow flowers. Pkt. 10c., oz. 40c.

176 **Meteor**. A splendid variety; very large double-striped and imbricated flowers, of a deep orange on a pale yellow ground. Pkt. 5c., oz. 20c.

177 **Prince of Orange**. This novelty surpasses the *Calendula Meteor*; the stripes around each petal are of a deep orange color, making a brilliant appearance. Pkt. 5c., oz. 30c.

CAMPANULA.

(Canterbury Bell.)

A highly attractive class of plants, combining richness of color with stately growth; valuable for beds and borders. The perennial varieties, if sown early, will bloom the first season.

199 **Double Mixed**. Pkt. 5c.

200 **Single Mixed**. Pkt. 5c.

201 **Cup and Saucer**. A beautiful variety. The bell, or trumpet, is nearly four inches in diameter, presenting the form of a saucer, hence its name. Pkt. 10c.

*Calliopsis Lanceolata.***CALLIOPSIS OR COREOPSIS.**

Showy and useful free-flowering plants, of easy cultivation. Hardy annuals.

224 **Golden Wave**. A very showy sort, with large yellow flowers, two inches in diameter. Pkt. 5c.

225 **Lanceolata**. A hardy perennial sort, bearing large flowers of a lovely golden yellow color. Pkt. 10c.

226 **Mixed**. All the choicest kinds. Two to three feet high. Pkt. 5c., oz. 30c.

*Madam Crozy Canna.***CANNA.**

(Indian Shot Plant.)

206 **Madam Crozy**. The finest and most distinct variety yet introduced. The flowers are of the largest size, of a dazzling crimson scarlet, bordered with golden yellow. Plant of dwarf habit and very free-flowering, foliage bright green and very massive. *We have secured from one of the leading growers a fine lot of this seed, which can be depended upon to give at least seventy-five per cent. of true Madam Crozy Plants. Seeds sown early will produce blooming plants for this summer.* Pkt. 10c., oz. 50c.

207 **Crozy's New Dwarf**. Choicest mixed. Pkt. 10c., oz. 30c.

208 **Fine Mixed**. Older sorts. Pkt. 5c., oz. 20c.

196 **CANARY BIRD FLOWER.**

(Tropæolum Peregrinum or Canariense.)

One of the most charming clumbers, bearing an abundance of bright, yellow-fringed flowers. Pkt. 10c.

*Centaurea Candidissima.**Centaurea Gymnocarpa.***CENTAUREA.** (Ornamental Foliage Sorts.)

249 **Gymnocarpa**. Fine cut, silvery-gray foliage. Pkt. 10c., 1000 seeds, 50c.

250 **Candidissima**. Splendid silvery, broad-cut leaves; one foot high. Pkt. 10c., 1000 seeds, 75c.

CANDYTUFT.

(Iberis.)



Giant Empress Candytuft.

183 **Empress or Snow Queen.** A complete mass of pure white flowers; immense size. Pkt. 10c., oz. 40c.

184 **White Rocket** (*Amara*). Large trusses of pure white flowers. Pkt. 5c., oz. 20c.

185 **White Thumb.** Grows six inches high and forms a round bush about sixteen inches in diameter, covered with large white flower-heads of great substance. Pkt. 5c., oz. 50c.

186 **Fine Mixed.** All the above tall growing varieties; one foot high. Pkt. 5c., oz. 15c.

187 **Sempervirens.** A profuse white blooming hardy perennial; one foot high. Pkt. 10c.

188 **Collection of Six Annual Sorts.** Pkt. 25c.

CALCEOLARIA.

Calceolaria.

An ornamental plant, and a universal favorite for decorating the greenhouse or conservatory.

214 **Hybrida Grandiflora, Tall, Mixed.** Large-flowering, completely covered with beautiful, rich, self-colored flowers; saved from choice collections; all colors. Pkt. 25c.

216 **Hybrida Grandiflora Pumila Compacta.** Dwarf, compact, robust growth, producing immense trusses of large and varied brilliant self-colored and spotted flowers. One foot high. Pkt. 40c.

217 **Rugosa, Mixed** (*Shrubby*). Small-flowering varieties for bedding; of the finest colors. Two feet high. Pkt. 50c.

CASTOR OIL BEAN.

(See RICINUS.)

COREOPSIS.

(See CALLIOPSIS.)

CARNATION.

Marguerite Carnation.

This lovely flower, known to everybody, succeeds in any light soil, and will give better flowers than slips taken from old plants. The seed we offer is saved from the finest collection in Europe.

231 **Marguerite.** A very beautiful class of carnations. May be grown as an annual, the plants commencing to bloom four months after sowing in the open ground, and continuing to bloom with increasing profusion as the plants increase in size. If seed is sown in April plants commence blooming in August: The flowers are very double and beautifully fringed, and have the sweetest and most agreeable perfume. Choicest mixed; all colors. Pkt. 10c., 1/2 oz. 50c.

234 **Finest German.** Mixed. Pkt. 25c.

235 **Very Early Vienna.** Mixed Pkt. 25c.

236 **Fine Mixed.** Pkt. 10c.

COLEUS.

244 **Choicest Selection.** Mixed. Pkt. 25c.

254 CENTROSEMA GRANDIFLORA.

(Butterfly Pea.)



Centrosema.

A hardy perennial vine of rare and exquisite beauty, and absolutely new to cultivation. It blooms in June from seed sown in April, and bears profusely large, inverted, pea-shaped flowers, ranging in color from rosy violet to purple, with a broad, feathered, white marking through the centre; while the large buds and back of the flowers are pure white, the stem and foliage are very graceful and of a delightful odor. It is well adapted for every garden purpose, and especially as a climber, running six to eight feet in a season. Pkt. 10c., 3 pkts. 25c.

CLEMATIS.

Soak the seed in warm water for twenty-four hours before sowing; hardy perennials; fifteen feet high.

265 **Flammula** (*Virgin's Bowler*). Producing beautiful clusters of small, white, fragrant flowers. Pkt. 10c.

266 **Hybrida Grandiflora.** Large-flowering, mixed. Pkt. 20c.

COBÆA SCANDENS.

A climber of rapid growth, flowering the first season if sown early in the house or hotbed. In sowing, place the seeds edgewise and merely cover them with light soil.

305 **Purple** Pkt. 10c., oz. 80c.

306 **White.** Pkt. 15c.



Michell's Giant Prize Cineraria.

CINERARIA.

We have received a number of testimonials from growers stating that the flowers nearly all measured 7½ to 8 inches in circumference.

- 279 **Dwarf Giant Prize.** Mixed. All colors; best sort as a pot plant. Pkt. 50c.
- 280 **Tall Giant Prize.** Mixed. Desirable to grow as a decorative plant, also for cutting. Pkt. 50c.
- 281 **Dwarf Mixed.** Very desirable, producing large heads; flower not quite as large as the "Prize." Pkt. 25c.
- 282 **Tall Mixed.** Same as above but taller in growth. Pkt. 25c.
- 283 **Choicest Double Mixed.** Beautiful. Pkt. 50c.



Cypress Vine.



Cypress Vine.

A favorite climbing vine.

- 293 **White.** Pkt. 5c., oz. 25c.
- 294 **Scarlet.** Pkt. 5c., oz. 25c.
- 295 **Mixed.** Pkt. 5c., oz. 25c.

Chrysanthemum

(Paris Daisies or Marguerites.)

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

- 271 **Burridgeanum Eclipse.** Attractive single flowers, crimson, with white edge, and inner white circle, fine for cut flowers. One foot high. Pkt. 5c.
- 272 **Frutescens Grandiflorum.** The popular white Paris Daisy. Pkt. 10c.
- 273 **Segetum Grandiflorum.** Yellow Paris Daisy. Pkt. 10c.



Painted Daisy Chrysanthemum.

- 270 **Choice Mixed.** All colors. Pkt. 5c.
- 275 **Large-flowering Autumn Varieties.** Including Japanese and Chinese. Pkt. 15c.

CORN FLOWER OR BLUE BOTTLE.

(Centaurea Cyanus.)

- 287 **Emperor William, Single Blue.** Pkt. 5c., oz. 25c.
- 288 **Pure White.** Pkt. 5c., oz. 30c.
- 289 **Choice Mixed.** All colors. Pkt. 5c., oz. 25c.
- 290 **Double Blue.** Pkt. 10c., ¼ oz. 35c.

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CONVOLVULUS MAJOR.

(Climbing Morning Glory.)

- 326 **Mixed.** All colors. Pkt. 5c., oz. 10c.
- 327 **Collection of Climbing Morning Glory.** Ten varieties. Pkt. 40c.

See also *Ipomæa*.

CONVOLVULUS MINOR.

(Dwarf Morning Glory.)

- Rich colored dwarf plants, profuse bloomers; hardy annuals; one foot high.
- 322 **Tricolor.** Violet and purple, with white centre and yellow eye. Pkt. 5c.
- 323 **Mixed.** All colors. Pkt. 5c., oz. 15c.



Giant Empress Celosia.

CELOSIA OR COCKSCOMB.

- 219 **Glasgow Prize or Pres. Thiers.** Pkt. 10c.
- 220 **New Giant Empress.** Pkt. 10c.
- 221 **Plumosa (Feathered).** Dwarf scarlet. Pkt. 10c.
- 222 **Choice Mixed.** Pkt. 10c.

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Cosmos Hybridus Grandiflora.

Cosmos Hybridus Grandiflora.

An autumn-flowering plant. The flowers are borne profusely, and present a charming appearance when the plants are in full blossom as they wave to and fro in every passing breeze. Seed should be sown early in spring and the plants transplanted in the open border when danger from frost is past. If young plants are starved a little it will have the effect of bringing them into bloom early.

- 258 **Pure White.** Pkt. 10c., oz. 75c.
- 259 **Pink.** Pkt. 10c., oz. 75c.
- 260 **Red.** Pkt. 10c., oz. \$1.00.
- 261 **Mixed.** All colors. Pkt. 10c., oz. 75c.

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Cyclamen Giganteum.

Beautiful mottled leaves, broad petals and stout flower stalks, throwing the giant flowers well above the foliage

- 309 **Rubrum.** Red. Pkt. 40c., 100 seeds, \$1.25.
- 310 **Album.** White. Pkt. 40c., 100 seeds, \$1.25.
- 311 **Roseum.** Pink. Pkt. 40c., 100 seeds, \$1.25.
- 312 **Mixed.** Pkt. 40c., 100 seeds, \$1.25.

DAISY.

(*Bellis Perennis.*)

The seed is saved from the finest double varieties. Daisies can be easily raised from seed sown in the spring.

- 338 **Snowball.** A large and very double pure white daisy of the "Longfellow" type. The flowers are borne on long stems, and are excellent for cutting. Pkt. 15c.
- 339 **Longfellow.** Of unusual size, very double dark rose flowers. Pkt. 15c.
- 340 **Mixed.** Very choice. Pkt. 10c.

DATURA.

(*Trumpet Flower.*)

In large clumps and borders of shrubbery they produce an excellent effect, flowering the first year from seed, if sown early. Half-hardy perennials, three feet high.

- 344 **Double Golden.** Pkt. 5c.
- 345 **Double Mixed.** Pkt. 5c.
- 350 **Brugmansia.** Large white fragrant trumpets. Pkt. 15c.
- 347 **Cornucopia Variegated (New).** Pkt. 10c., 3 pkts. 25c.



New Single Dahlias.

Dahlia.

Tuberous-rooted half-hardy perennials; blooming the first year from seed if sown early. Protect the roots during winter in a dry cellar in sand.

- 330 **Large-flowering Double.** Saved from the finest flowers. Mixed. Pkt. 15c.
- 331 **Single Mixed.** Large showy flowers; solid colors and striped. Pkt. 10c.
- 332 **Choicest Single.** Collection of six sorts. Pkt. 50c.
- 333 **Tom Thumb (Single).** New varieties in beautiful mixed colors; a highly interesting class of neat, compact and dwarf habit, growing about one foot in height, very free-flowering, invaluable for cutting purposes. They bloom the first season from spring sown seeds. Pkt. 15c., 2 pkts. 25c.

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Japan Double Dianthus.

Dianthus.

(*Pinks.*)

Classed among the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom.

- 357 **Extra Double China.** Choice mixed. Pkt. 5c., oz. 50c.
- 358 **Choicest Double Diadem or Japan.** Mixed colors. Pkt. 10c., oz. \$1.50.
- 359 **Large-flowered Fringed.** Pkt. 10c.
- 360 **Double Pure White.** Pkt. 5c., oz. 50c.
- 361 **Extra Double Scotch.** Hardy. Pkt. 15c.
- 362 **Single Pheasant's Eye.** Hardy. Pkt. 5c.
- 363 **Garden or Clove Scented.** Mixed. Pkt. 10c.
- 364 **Collection of China and Japan Dianthus.** [Twelve varieties, each color separate. Pkt. 50c.

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Dianthus.

SINGLE SORTS.

- 368 **Eastern Queen.** Beautifully marbled. Pkt. 10c.
- 369 **Crimson Belle.** A rich crimson color flower, of a very large size and substance; evenly and finely fringed. Pkt. 10c.
- 370 **Choicest Mixed Single.** Large-flowering. Pkt. 10c.

DIGITALIS.

(**FOXGLOVE.**)

A handsome and highly ornamental hardy perennial.

- 353 **Monstrosa** (*Mammoth Foxglove*). The largest and best type; all colors mixed. Pkt. 10c.
- 354 **Gloxinæflora.** Gloxinia-shaped flowers. A lovely type; all colors mixed. Pkt. 5c.

DELPHINIUM.

(**PERENNIAL LARKSPUR.**)

Sow very early in spring or in August and September.

- 373 **Formosum.** Beautiful spikes of brilliant rich blue flowers with a white centre. Thirty inches high. Pkt. 10c.
- 374 **Nudicaule.** Spikes of bright scarlet flowers. Eighteen inches high. Pkt. 10c.
- 375 **Hybrid Mixed.** Pkt. 10c.

See also *Larkspur*.

DICTAMNUS.

(**FRAXINELLA.**)

- 379. A hardy perennial, fragrant, free-flowering, herbaceous plant; producing racemes of flowers often one foot in length. Pkt. 10c.

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ESCHSCHOLTZIA.

(**CALIFORNIA POPPY.**)

- 401 **White.** Hardy annual. Pkt. 5c.
- 402 **Orange.** Hardy annual. Pkt. 5c., oz. 25c.
- 403 **Mandarin.** Hardy annual. Pkt. 5c.
- 404 **Cardinal Rose.** Hardy annual. Pkt. 10c.
- 405 **Choicest Mixed.** Hardy annual. Pkt. 5c., oz. 25c.

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Helichrysum (*Straw Flower*).

EVERLASTINGS.

- 383 **Acroclinium.** Double-flowering. Pkt. 10c.
- 384 **Acroclinium.** Single-flowering. Pkt. 5c.
- 385 **Ammobium Alatum Grandiflorum.** Pkt. 5c.
- 390 **Helichrysum Monstrosum.** Choice mixed. Pkt. 5c.
- 391 **Rhodanthe.** Choice mixed. Pkt. 5c.
- 392 **Statiche Suworowi.** Pkt. 10c.
- 393 **Xeranthemum Superb. Fl. Pl.** Mixed. Pkt. 10c.
- 394 **Collection** as above, one pkt. each for 40c.

EUPATORIUM. (*Fraseri.*)

- 397 A very pretty herbaceous hardy perennial, blooming the first season from seed, producing clusters of snowy-white flowers. Pkt. 10c.

EUPHORBIA. (*Snow on the Mountain.*)

- 409 Attractive foliage, with white and green bracts on the tips of each branch, veined and margined with white. Pkt. 5c.
- 410 **Heterophylla** (*Mexican Fire Plant, Painted Leaf*). Pkt. 5c.

FEVERFEW. (*Matricaria Eximia.*)

- 413 Free-flowering herbaceous plants, succeeding in any garden soil; hardy annual; eighteen inches.
- Grandiflora, Double White** (*M. Eximia Albi Plena*). Seed saved from fine double flowers. Pkt. 10c.

FREESIA. (*Refracta Alba.*)

- 422 Very easily grown bulbs which can be readily produced from seed. The flowers are pure white with yellow throat, and are exquisitely fragrant. Pkt. 15c.

FOXGLOVE.

(See **DIGITALIS.**)

FORGET-ME-NOT.

(See **MYOSOTIS.**)

FUCHSIA. (*Lady's Ear-Drop.*)

- 426 **Mixed.** All colors. Pkt. 25c.

GAZANIA SPLENDENS.

- 430 Rich orange, black centre. Excellent plants for vases, edgings or beds. Pkt. 10c.

GERANIUM.

- 433 **Zonale, Mixed.** A superb strain of the largest and finest varieties; mixed colors. Pkt. 10c.
- 434 **Apple-Scented.** Sow in light soil, and keep moist until they germinate. Pkt. 20c.

GENTIANA. (*Blue Gentian.*)

- 436 A charming hardy perennial. Pkt. 10c.

GOMPHRENA.

(*Globe Amaranth, Bachelor Button*).

- 386 **White.** Pkt. 5c.
- 387 **Orange.** Pkt. 5c.
- 388 **Red.** Pkt. 5c.
- 389 **Mixed.** Pkt. 5c.

GESNERIA.

A beautiful hothouse, bulbous-rooted plant, producing brilliant colored flowers; requires a light, rich soil.

- 439 **Mixed.** Pkt. 25c.

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GAILLARDIA.

Splendid bedding plants, continuing in beauty during the summer and autumn; half-hardy annuals.

- 451 **Picta Mixed.** Pkt. 5c., oz. 20c.
- 452 **Picta Lorenziana.** Called the double variety on account of the fullness of the flower. Pkt. 5c., oz. 60c.
- 453 **Grandiflora Superba.** The most beautiful of all the Gaillardias; it is a hardy perennial, but can be had in the bloom the first season from seed if sown in March. Pkt. 10c., oz. 75c.



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GLOXINIA.

(*Grassifolia Grandiflora.*)

- 442 **International Mixture.** The best strain in existence, embracing all the choicest self-colored and tigered flowers. Pkt. 25c.

GLAUCIUM. (*Horn Poppy.*)

An ornamental foliage plant, recurved, silvery leaves, deeply cut to the rib. Flowers are orange-yellow, bell-shaped and drooping; hardy biennial; two feet high.

- 447 **Corniculatum.** Pkt. 5c., oz. 50c.

GOLDEN FEATHER.

(See *PYRETHRUM.*)

GYPSOPHILA.

Pretty, free-flowering, elegant plants, for baskets, edgings and borders; succeeding in any garden soil.

- 489 **Paniculata.** White flowers, beautiful for bouquets, imparting a light, airy appearance; hardy perennial; two feet. Pkt. 5c.

GRASSES—ORNAMENTAL.

Cut when in full bloom, tie in small bunches and hang up in a dry, dark place, with heads down. Sow in May and transplant.

- 459 **Arundo Donax** (*New Zealand Pampas*). Pkt. 10c.
- 460 **Avena Sterilis** (*Animated Oats*). Pkt. 5c.
- 461 **Briza Maxima** (*Quaking or Rattlesnake Grass*). Pkt. 5c.
- 462 **Bromus Brizaeformis.** Pkt. 5c.
- 463 **Coix Lachrymæ** (*Job's Tears*). Pkt. 5c.
- 464 **Eulalia Japonica.** Pkt. 5c.
- 465 **Gynerium Argenteum** (*Pampas Grass*). Pkt. 10c.
- 466 **Hordeum Jubatum** (*Squirrel Tail*). Pkt. 5c.
- 467 **Pennisetum Longistylum.** Pkt. 5c.
- 468 **Stipa Pennata** (*Feather Grass*). Pkt. 10c.
- 469 The above collection, one pkt. of each, for 50c.

GODETIA.

An attractive hardy annual. The plants bloom profusely, and bear showy flowers of rich and varied colors; eighteen inches high.

- 473 **Choice Mixed.** Pkt. 5c.

GOURD. (*Cucurbita.*)

- 477 **Calabash** (*The Dipper*). Pkt. 5c.
- 478 **Hercules' Club.** Club-shaped. Pkt. 5c.
- 479 **Egg-Shaped.** Fruit white like an egg. Pkt. 5c.
- 480 **Orange-Shaped, or Mock-Orange.** Pkt. 5c.
- 481 **Luffa** (*Dish Rag or Bonnet Gourd*). Pkt. 10c.
- 482 **Tricosanthes** (*True Serpent Gourd*). Pkt. 5c.
- 483 **Fine Mixed.** From a large collection. Pkt. 5c., oz. 20c.

485 **GREVILLEA ROBUSTA.**

A very beautiful and graceful decorative plant with fern-like foliage; excellent for decorations. Pkt. 10c.

HELIANTHUS. (*Sunflower.*)



- 493 **Oscar Wilde.** Single yellow with black centre. Pkt. 5c.
- 494 **Dwarf Double.** Pkt. 5c.
- 495 **Cucumerifolius.** Pkt. 5c.
- 496 **Double Globe Shaped.** Pkt. 5c.
- 497 **Mammoth Russian.** Pkt. 5c., qt. 20c.

HIBISCUS.

Showy ornamental plants for mixed beds or shrubby borders.

- 501 **Palustris.** Large pink flowers; hardy perennial; three feet high. Pkt. 5c.
- 502 **Crimson Eye.** (New.) Pkt. 10c.

Oscar Wilde Sunflower.

HELIOTROPE.

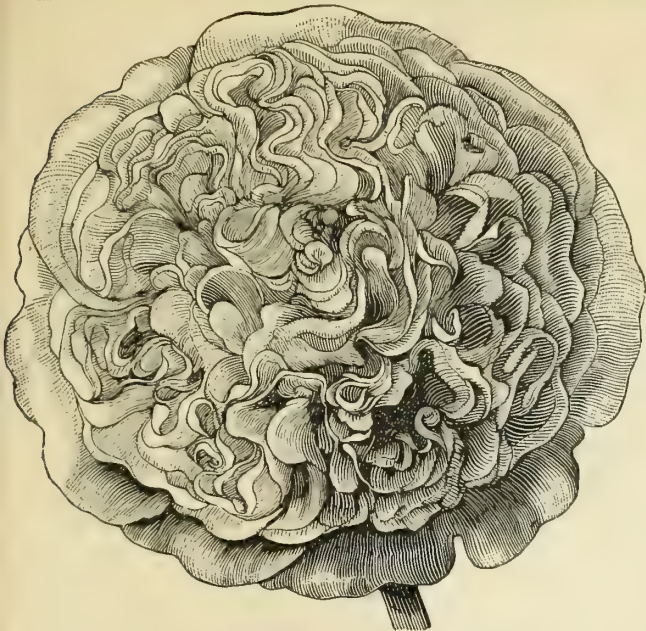
Its delightful perfume makes it a most desirable bouquet flower; a splendid bedding plant, or can be trained as a greenhouse climber. Seed sown in the spring will make fine plants for summer blooming.

- 515 **Mixed.** Pkt. 10c.
- 516 **Collection** of six sorts Pkt. 40c.

HYACINTH BEAN.

A rapid growing plant for covering arbors, trellises, etc.

- 519 **Mixed.** Pkt. 5c., oz. 10c.



Chater's Superb Hollyhock.

HOLLYHOCK.

CHATER'S IMPROVED.

Our seed has been saved from the best-named varieties. Seed sown in June and July will flower the following summer; hardy.

- 504 **Pink.** Extra Double. Pkt. 10c., $\frac{1}{4}$ oz. 50c., oz. \$1.50.
 505 **White.** Extra Double. Pkt. 10c., $\frac{1}{4}$ oz. 50c., oz. \$1.50.
 506 **Red.** Extra Double. Pkt. 10c., $\frac{1}{4}$ oz. 50c., oz. \$1.50.
 507 **Yellow.** Extra Double. Pkt. 10c., $\frac{1}{4}$ oz. 50c., oz. \$1.50.
 508 **Salmon.** Extra Double. Pkt. 10c., $\frac{1}{4}$ oz. 50c., oz. \$1.50.
 509 **Mixed.** Extra Double. Pkt. 10c., $\frac{1}{4}$ oz. 50c., oz. \$1.50.
 511 **Collection** of twelve sorts, each color separate, \$1.00.
 512 " " six sorts, each color separate, 50c.

**IMPATIENS SULTANI.**

- 523 Of compact, neat habit of growth, and almost a perpetual bloomer. The flowers are of a brilliant rosy-scarlet color, about one and one-half inches in diameter. Pkt. 20c.

IPOMŒA.

(LARGE MORNING GLORY.)

- 526 **Grandiflora Superba.** Large blue flower, with broad white border. Pkt. 5c., oz. 20c.
 528 **Mixed.** All colors. Pkt. 5c., oz. 20c.
 527 **Noctiflora.** (*Moon flower.*) Pkt. 10c., oz. 75c.

JAPANESE HOP VINE.

(HUMULUS JAPONICUS.)

- 531 A very ornamental and fast-growing climbing plant. Undoubtedly one of the best climbers for covering verandas, trellises, etc., never suffering from the heat, but retains its fresh color until late in the summer. Pkt. 10c.
 532 **Variiegated Japanese Hop Vine.** Pkt. 10c.

KENILWORTH IVY.

(LINARIA CYMBALARIA.)

- 535 A charming small, neat trailing plant, suitable for baskets, vases, pots and rock work. Pkt. 10c.

LANTANA.

One of the most desirable bedding plants, constantly in bloom.

- 538 **Mixed Colors.** Pkt. 10c.

LAVENDER.

An aromatic plant, the leaves and flowers of which are dried and used for scenting clothing, rooms, etc.

- 541 **Blue.** Pkt. 5c.

LARKSPUR.

(DELPHINIUM.)

Very free-flowering annuals.

- 544 **Dwarf Double Rocket.** Mixed colors. Pkt. 5c., oz. 25c.
 545 **Tall Stock Flowered.** Mixed colors. Pkt. 5c., oz. 25c.
 For Perennial Larkspur, see *Delphinium*.

LOBELIA.

A dwarf plant with delicate, graceful foliage and pretty, fine flowers. For hanging baskets, pot culture or bedding.

- 549 **Crystal Palace Compacta.** A densely compact miniature variety, which, during the summer months, is studded with rich deep blue flowers, forming a perfect ball. Best for borders. Pkt. 10c.
 550 **Emperor William.** A very compact variety, with fine sky-blue flowers. Pkt. 10c.
 551 **Crystal Palace Speciosa.** Of trailing growth; flowers of a superb ultramarine blue. Pkt. 10c.
 552 **Royal Purple.** Quite different from any other variety in commerce, being a very rich shade of violet purple without any trace of blue, as in all other sorts, and is very striking and effective, thus showing off its clear white eye. Pkt. 10c.
 553 **Gracilis.** A favorite trailing blue sort. Pkt. 5c.
 554 **White Gem.** Forms a perfect ball of snow-white flowers; very charming appearance. Pkt. 10c.
 556 **Mixed.** All colors. Annual. Pkt. 5c.
 555 **Cardinalis.** (*Cardinal flower*) A hardy perennial native variety, with spikes of brilliant scarlet flowers, blooming the first season if sown early. Pkt. 10c.

LINUM COCCINEUM.

(SCARLET FLAX.)

- 561 One of the most effective and showy bedding plants; hardy annual; one foot high. Pkt. 5c., oz. 20c.

LILY OF THE VALLEY.

- 564 **Convallaria Majalis.** Lovely plants, bearing pure white fragrant bell-shaped flowers. Pkt. 10c.

LOPHOSPERNUM SCANDENS.

- 565 Splendid climber. Pkt. 10c.

LYCHNIS.

Handsome plants for massing in beds and borders, blooming the first year if sown early; hardy perennials.

- 568 **Haageana Mixed.** One foot high. Pkt. 10c.

LUPINUS.

(SUNDIALS.)

Ornamental, free-flowering, easily grown garden plants. The seeds should be sown where they are to bloom, as they do not transplant well.

- 572 **Mixed.** All colors of annual varieties. Two feet high. Pkt. 5c., oz. 20c.

MARVEL OF PERU.

(FOUR O'CLOCKS.)

- 575 **Choice Mixed.** Pkt. 5c., oz. 15c.



Marigold.

(*Tagetes.*)

A well-known plant of easy culture. The African is best for large beds, the French for small beds. Half-hardy annuals.

- 579 **Gold Nugget.** Dwarf. Immense double flowers of a shade of golden yellow resembling Australian gold. Pkt. 10c., oz. 40c.
 580 **El Dorado.** The flowers are three to four inches in diameter, perfectly imbricated and extremely double. Pkt. 10c., oz. 40c.
 581 **Lemon Yellow.** Large flowering; very showy. Pkt. 10c.
 582 **Large African.** Tall, double, orange brown and yellow mixed. Two feet high. Pkt. 5c., oz. 30c.
 583 **Dwarf French.** Fine colors, mixed; very double. One foot high. Pkt. 5c., oz. 40c.
 585 **Collection Dwarf French Marigolds, 6 varieties, 25c.**
 586 **Collection of Large African Marigolds, 6 varieties, 25c.**

See also *Calendula* and *Tagetes*.

Mimulus.

(*Monkey Flower.*)

Showy, profuse-flowering plants. Fine for greenhouse, or moist, shady situations.

- 619 **Tigrinus, Choice Mixed.** The finest colored and spotted varieties, rivaling the *Calceolaria* in its brightness. Pkt. 10c.
 620 **Moschatus (Musk Plant).** Fine for hanging baskets, etc., small yellow flowers, fragrant foliage. Six inches high. Pkt. 10c.

Mimosa Pudica.

(See SENSITIVE PLANT.)

Morning Glory.

(See CONVULVULUS and IPOMŒA.)

Nierembergia Gracilis.

Half-hardy perennial, perpetually in bloom, flowering the first year it sown early; desirable for baskets or vases; one foot high.

- 644 **White.** Tinted with lilac. Pkt. 10c.

Nicotiana Affinis.

(Ornamental Tobacco.)

- 647 A very pretty large-flowering species of tobacco, producing large, pure white, fragrant flowers. Pkt. 5c.

Nemophila.

Of neat, compact habit; plant in a rather cool, shady place, and in not too rich a soil; hardy annuals; one foot high.

- 650 **Insignis.** Bright blue flowers, white centre. Pkt. 5c.

Nolana.

Desirable plants for hanging-baskets, bearing bell-shaped flowers.

- > **Mixed.** Pkt. 5c.

Mignonette.

(*Reseda Odorata.*)

If the plants are thinned out they will grow stronger and produce larger spikes of flowers.



Machet Mignonette.

- 627 **Machet or French.** Without doubt the best and largest as well as sweetest sort in existence. Pkt. 10c., oz. 75c.
 629 **Bird's Mammoth.** Pkt. 10c., oz. \$1.00.
 630 **Miles' Hybrid Spiral.** Of dwarf, branching habit, with spikes from eight to ten inches long, very fragrant. Pkt. 5c., oz. 50c.
 631 **Parson's White.** Large spikes, very fragrant. Pkt. 5c.
 633 **Golden Queen.** A very attractive variety, throwing up numerous flower stalks of golden yellow. Pkt. 10c., oz. 50c.
 634 **Sweet Scented.** Pkt. 5c., oz. 15c.

632 **Gabriele.** Pkt. 10c., oz. 75c.

635 **Grandiflora.** Plants pyramidal; flowers large and distinct. Pkt. 5c., oz. 20c.

636 **Collection of Mignonette, ten varieties.** Pkt. 50c.



Myosotis.

(*Forget-Me-Not.*)

Neat and beautiful little plants, succeeding best in a shady, moist situation. Half-hardy perennials, blooming the first year from seed, if sown early.

- 607 **Alpestris Victoria.** Of bushy habit, bearing large, bright blue flowers. The plant attains a diameter of eight to ten inches, and when fully grown is globular in shape and perfectly covered with flowers. Pkt. 10c., oz. \$4.00.
 608 **Alpestris Cœrulea (Alpine).** Bright blue; six inches high. Pkt. 5c., oz. 75c.
 609 **Eliza Fanrobert.** The most robust grower; specially adapted for outdoor growing; flowers very large, blue. Pkt. 10c., oz. \$1.50.
 610 **Dissitiflora.** Compact habit; pinkish blue. An attractive bedding plant, six inches high. Pkt. 15c.
 611 **Palustris Semperflorens.** The most desirable sort for cutting or greenhouse use. Pkt. 15c.
 612 **Mixed.** All sorts. Pkt. 5c.

Mallows.

(*Hibiscus Hybridus.*)

The plants average six feet in height, and present a mass of bloom early in July till late autumn. Flowers the first season from seed.

- 590 **Mixed.** Pkt. 10c.

Maize.

- 592 **Striped-leaved Japanese.** An ornamental corn, beautifully striped with green and white. Pkt. 5c., oz. 15c.

616

MOON FLOWER.*(Ipomœa Noctiflora.)*

Blooms the first season from seed. At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers, five to six inches in diameter. It grows very rapidly, and will cover a large surface. Pkt. 10c., oz. 75c.

MAURANDIA.

A most beautiful climber of rapid and slender growth, producing an abundance of pretty, tube-shaped flowers, which continue blooming until late in fall. Ten feet high.

595 **Pink.** Pkt. 10c.596 **Barclayana.** Purple. Pkt. 10c.597 **White.** Pkt. 10c.598 **Mixed.** All colors. Pkt. 10c.**MESEMBRYANTHEMUM.***(Ice Plant.)*602 **Crystallinum White.** Pkt. 5c.603 **Cordifolium Variegatum.** Pkt. 10c.625 **MUSA ENSETE.**

Pkt., 10 seeds, 25c.

ŒNOTHERA.*(Evening Primrose or Sundrops.)*658 **Hardy Annual.** Mixed colors. Pkt. 5c.**OXALIS.**

Beautiful small plants, suitable for the greenhouse, baskets or outdoor culture; flowering the first year if sown early; half-hardy perennial.

662 **Mixed.** Pkt. 10c.663 **Tropæoloides.** Very desirable border plant, foliage dark copper color. Pkt. 10c., $\frac{1}{4}$ oz. 50c.**PINKS.***(See DIANTHUS.)*

704

PERILLA.*(Nank. Atrop. Laciniatus.)*

Very showy bronze foliage, adapted for large beds. Pkt. 5c.

PORTULACA.

Brilliant and beautiful flowers, used in baskets, beds or edgings; their splendid flowers, produced in great profusion, are very effective; succeed best in light, sandy soil; want to be exposed to full glare of the sun.

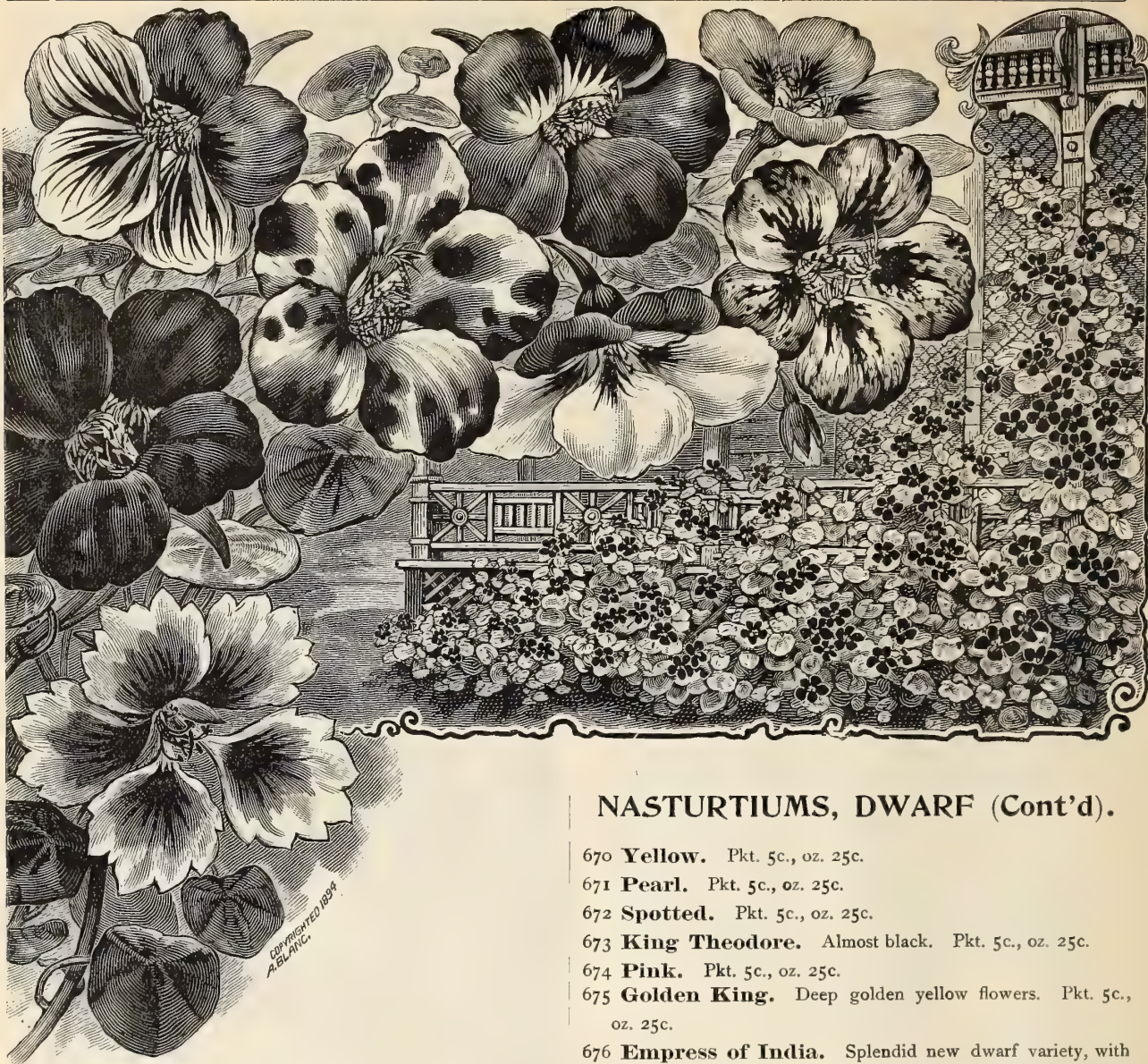
769 **Choicest Mixed Single.** All colors. Pkt. 5c., oz. 50c.770 **Choicest Mixed Double.** Shy seeder. Pkt. 10c., $\frac{1}{8}$ oz. 50c.**POLYANTHUS.**

These rank among the prettiest of plants for borders, rockeries, etc. When once established, they grow in any common soil, but they succeed best in rich soil, and a position somewhat moist and shaded.

774 **Choicest English Mixed.** Including the gold-laced. Pkt. 15c.775 **Double Mixed (Hose in Hose).** Pkt. 15c.**PYRETHRUM.***(Feverfew.)***YELLOW FOLIAGE SORTS FOR BEDDING.**778 **Aureum.** *(Golden Feather).* Best for edging. Pkt. 10c., oz. 80c.779 **Selaginoides.** *(Fern-leaved).* Pkt. 10c.**FLOWERING SORTS.**780 **Hybridum.** Hardy perennial, bearing large flowers ranging in color from light pink to deep red; bright yellow centres; one of the prettiest and best of hardy plants; two feet high. Pkt. 10c.781 **Roseum** *(Dalmatian, or Persian Insect Powder Plant).* Flowers bright rose, of large size. Pkt. 10c.782 **Uliginosum.** Giant white daisy. Pkt. 10c.**MOON FLOWER** (*Ipomœa Noctiflora*).

Ready May 1st.

Strong Plants. Each 15c., four, 50c., doz. \$1.25.



Nasturtiums.

Nasturtiums are among the most useful and beautiful of annuals for bedding, massing, etc., owing to their compact growth, richness of color and profusion of blooming. They flower most profusely when planted in a poor soil.

Tom Thumb or Dwarf Nasturtiums.

- 667 **Aurora.** A new dwarf. The plant forms a perfect globe and is literally covered with flowers, completely hiding the foliage when in full bloom. The flower is of a deep chrome yellow, the upper petals showing lighter reflexes while the two lower petals are blotched with purplish carmine and marked with bright carmine veining. Pkt. 10c., oz. 35c.
- 668 **Ladybird.** A new and distinct sort. The ground color is a rich golden yellow, each petal barred with a broad vein of bright ruby crimson; very showy and charming. Pkt. 5c., oz. 25c.
- 669 **Scarlet.** Pkt. 5c., oz. 25c.

NASTURTIUMS, DWARF (Cont'd).

- 670 **Yellow.** Pkt. 5c., oz. 25c.
- 671 **Pearl.** Pkt. 5c., oz. 25c.
- 672 **Spotted.** Pkt. 5c., oz. 25c.
- 673 **King Theodore.** Almost black. Pkt. 5c., oz. 25c.
- 674 **Pink.** Pkt. 5c., oz. 25c.
- 675 **Golden King.** Deep golden yellow flowers. Pkt. 5c., oz. 25c.
- 676 **Empress of India.** Splendid new dwarf variety, with very dark leaves and crimson flowers. Pkt. 5c., oz. 35c.
- 677 **Cloth of Gold.** Beautiful for borders or edging. Foliage bright golden yellow; flowers scarlet. Pkt. 10c., oz. 30c.
- 678 **Dwarf or Tom Thumb Mixed.** All colors. Pkt. 5c., oz. 25c., lb. \$1.50.
- 679 **Collection of Dwarf Nasturtiums, 12 varieties, each color separate.** Pkt. 50c.

Climbing Nasturtiums.

Specially adapted for trellises, verandas, vases and hanging baskets.

- 686 **Crimson.** Pkt. 5c., oz. 20c.
- 688 **Straw-colored Striped.** Pkt. 5c., oz. 20c.
- 689 **Orange.** Pkt. 5c., oz. 20c.
- 690 **King Theodore.** Dark foliage and almost black flowers. Pkt. 5c., oz. 25c.
- 691 **Scarlet.** Pkt. 5c., 20c.
- 692 **Mixed.** All colors. Pkt. 5c., oz., 20c., lb. \$1.50.
- 693 **Collection of Climbing Nasturtiums, 12 varieties.** Pkt. 50c.



Michell's Giant Exhibition Pansy.

PANSY.

- 746 **Michell's Giant Exhibition Pansy.** In mixture. A strain which we have secured from one of the leading pansy specialists in Germany, to which we added the cream of the Paris strain, also the choicest to be had from Scotland. It can be relied upon to give flowers of immense size, very heavy texture, and of the most brilliant colors. Pkt. 40c., $\frac{1}{8}$ oz. \$1.00, oz. \$6.00.
- 747 **Bugnot's and Cassier's Mammoth French Mixed.** Pkt. 25c., $\frac{1}{8}$ oz. \$1.00.
- 749 **Trimardeau (True).** Excellent large flowers, each petal blotched; choice mixture. Pkt. 20c., three pkts. for 50c.
- 750 **Non Plus Ultra.** Immense flowers of the most beautiful colors, a strain we can safely recommend to our customers. Pkt. 25c., three pkts. for 60c.
- 751 **Odier (Five-blotched).** A beautiful strain of various-colored, large, handsome, perfectly formed flowers. Pkt. 15c.
- 752 **Finest Mixed Imported.** Pkt. 15c., oz. \$1.50.
- 753 **Very Fine Mixed.** All colors. Pkt. 5c., oz. \$1.00.

PANSIES IN SEPARATE COLORS.

Selected seed from the first crop of blooms, true to color and of large size.

- 754 **Lord Beaconsfield.** Purple, violet and white. Pkt. 10c., oz. \$1.25.
- 755 **Faust (King of the Blacks).** Pkt. 10c., oz. \$1.00.
- 756 **Emperor William.** Ultramarine blue. Pkt. 10c., oz. \$1.00.
- 757 **Belgian Striped.** Pkt. 10c., oz. \$1.00.
- 758 **Snow Queen.** Very large, satiny white. Pkt. 10c., oz. \$1.00.
- 759 **Yellow Gem.** Pure yellow, without eye. Pkt. 10c., oz. \$1.00.
- 760 **Gold-margined.** Pkt. 10c., oz. \$1.00.
- 761 **Silver-edged.** Pkt. 10c., oz. \$1.00.
- 762 **Blue.** Pkt. 10c., oz. \$1.00.
- 763 **Yellow.** Pkt. 10c., oz. \$1.00.
- 764 **Collection of choice imported Pansies, each color separate.** Six varieties. Pkt. 40c.; twelve varieties, pkt. 75c.



PETUNIA.

Charming free-blooming effective plants of easy cultivation, for outdoor or pot culture. Hardy annual.

- 733 **Large-flowering, Fringed, Mottled and Striped.** Finest strain of single petunias procurable. Pkt. 20c., 1-16 oz. \$1.00.
- 734 **Hybrida Nana Compacta Multiflora ("The Star").** Dwarf habit and profuse bloomer; makes perfect pyramid eight inches high. Pkt. 15c.
- 735 **Very Choice Mixed.** Blotched and striped. Pkt. 10c., oz. \$1.00.
- 736 **Fine Mixed.** All colors. Pkt. 5c., oz. 60c.
- 737 **Collection of large-flowering single Petunias, six varieties, 50c.**
- 738 **Twelve varieties, \$1.00.**



Double-fringed Petunia.

- 732 **Double-fringed and Hybridized.** Selected and hybridized with the greatest of care, and can be relied upon to produce a large percentage of double flowers of bright colors. Pkt. 25c., 5 pkts. for \$1.00.



PHLOX DRUMMONDII.

A very pretty hardy annual, invaluable for bedding, masses and cut flowers, from its bright colors, which vary from the purest snow-white to the deepest blood-red, and the unusual length of its blooming season. There is no annual which can compare for beauty, duration of bloom, brilliancy of colors and usefulness to the phlox.

GRANDIFLORA VARIETIES.

GROWNIBYIA SPECIALIST.

- 708 **Alba.** Pure white. Excellent for cutting. Pkt. 10c., oz. \$1.25.
 709 **Coccinea.** Scarlet. Pkt. 10c., oz. \$1.00.
 710 **Striped.** Brilliant scarlet striped with white. Pkt. 10c.
 711 **Pink.** Delicate and bright shades. Pkt. 10c.
 712 **Stellata Splendens.** Brilliant red, with large white star. Pkt. 10c.
 715 **Collection** of twelve varieties. Pkt. 75c.
 713 **Choicest Mixed.** Contains twenty-five colors. Pkt. 10c., oz. \$1.00.
 714 **Very Fine Mixed.** Pkt. 5c., oz. 60c.

DWARF OR COMPACT VARIETIES (STRICTLY TRUE.)

- 719 **Snowball.** Pure white. Pkt. 15c., 1/8 oz. 50c.
 720 **Fireball.** Brilliant scarlet. Pkt. 15c., 1/8 oz. 50c.
 721 **Pink.** Beautiful shade. Pkt. 15c., 1/8 oz. 50c.
 722 **Scarlet.** Striped with white. Pkt. 15c., 1/8 oz. 50c.
 724 **Choicest Mixed.** Pkt. 10c., oz. \$2.50.
 723 **Double White.** A profuse bloomer. About sixty per cent. of the seed sown will produce double flowers; should be grown in a sandy soil. Pkt. 10c.

PHLOX—OTHER VARIETIES.

- 725 **Double Scarlet.** Pkt. 10c.
 726 **Fimbriata** (*Star of Quedlinburgh*). Entirely distinct from the other type of phlox. Each petal is elongated and pointed. Beautiful colors in mixture. Pkt. 10c.
 727 **Hardy Phlox** (*Phlox Decussata*). These rank among the finest herbaceous perennials for beds or borders. Mixture of the finest flowers. Pkt. 10c.
 728 **Double Yellow** (New). Pkt. 15c.



Michell's Prize Fringed Primula,

PRIMULA.

(SINENSIS FIMBRIATA—CHINESE PRIMROSE.)

- 794 **Michell's Prize Mixture.** Grown by a primula specialist, who has received prizes wherever he has exhibited the plants. The seed is of crop of 1893, and can be relied upon. Pkt. 25c., 1-32 oz. \$1.00, 1/2 oz. \$3.75.

January 2d, 1894.

The Chinese Primula seed you sent me certainly turned out a very fine lot, both for size and color. I grew them with others purchased from seedsmen, but yours are as good as I ever had.

ED. HERMANN, Baltimore, Md.

PRIMULA—Continued.

- 795 **Williams' Superb Strain.** The finest English mixture; can be relied upon to produce satisfactory results. Pkt. 40c.
 796 **Kermessina Splendens.** Brilliant red with yellow centre. Pkt. 25c.
 797 **Holborn Blue.** Fully fifty per cent. will come blue if given warmer treatment than other sorts. Pkt. 40c.
 798 **Alba Magnifica.** Trusses of very large white flowers with a showy citron eye. Pkt. 40c.
 799 **Collections** containing eight separate varieties, all fringed and named. Pkt. 75c.

DOUBLE PRIMROSE.

- 804 **Pure White.** Pkt. 50c.
 805 **Choice Mixed.** Pkt. 50c.

PRIMULA (OTHER SORTS).

- 808 **Primula Floribunda.** One of the most attractive of the primulas. Producing very fragrant yellow flowers in abundance. Treatment similar to Primula Obconica. Pkt. 50c.
 809 **Obconica.** The popular and ever-blooming White Primrose. Pkt. 25c.

HARDY PRIMROSE.

- 811 **Primula Veris** (*English Cowslip*). Flowers of different colors, yellow brown and yellow-edged, etc., very fragrant. Pkt. 10c.
 813 **Primula Vulgaris.** The common hardy English variety, light canary-yellow color. Pkt. 10c.

OGONTZ, PA., Oct. 1st, 1893.

I must write you that the *Primula*, *Cineraria* and *Pansy* seed you sent me is far ahead of the average, in fact, better than I expected or ever had. The *Asters* were just perfect.

CHAS. GINDRA,
Gardener to P. A. B. Weidener.

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Shirley Poppies

POPPY.

Showy and ornamental plants with large flowers of brilliant colors. Very attractive in large beds, clumps and mixed borders. They are of very easy culture, and succeed in any garden soil; the seed should be sown where it is to remain, as they do not stand transplanting.

SINGLE VARIETIES (ANNUAL).

- 817 **Shirley Poppies.** These charming poppies are generally single or semi-double. The range of color extends from pure white, through the most delicate shades of pale pink, rose and carmine, to deepest crimson. The blooms, if cut when young, will stand for several days without drooping. Pkt. 5c., oz., 75c.
- 818 **Umbrosum.** Rich vermilion with a deep shining dark purple spot. Pkt. 5c., oz. 50c.
- 819 **Danebrog.** Flowers of a brilliant scarlet, bearing a silvery white spot on each of the four petals, resembling a cross. Pkt. 5c., oz. 40c.
- 825 **Mikado Striped Japanese.** Pkt. 10c.

DOUBLE VARIETIES (ANNUAL).

- 820 **Crimson King.** Flowers perfectly double and round as a ball. A charming effect can be made by sowing this variety and Snowdrift together. Pkt. 10c.
- 821 **Snowdrift.** Pure snow-white, very double, of large size and perfectly round. This is the best double white variety yet offered. Pkt. 10c.
- 822 **Fairy Blush.** Very double pink flowers, elegantly fringed, tipped with white. Pkt. 10c.
- 823 **Pæony-flowered.** Large and very double flowers; mixed colors. Pkt. 5c., oz. 20c.
- 824 **Imported Collections of Dwarf Double Poppies,** six varieties. Pkt. 25c.

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Iceland Perennial Poppy.

POPPY—PERENNIAL SORTS.

This class of poppies has become one of the most popular flowers of late, so that no garden is complete without them. Seed can be sown early in spring and they will bloom the first season. Seeds can also be sown in August and September in the open ground and they will bloom very early the following summer.

- 827 **Iceland Mixed.** The colors range from the purest white and yellow to the deepest glowing orange-scarlet, and have a delicious fragrance. The profusion of flowers which they produce is really astonishing. They are very fine cut flowers and will last a week if cut as soon as they are open. Mixed colors. Pkt. 10c., three pkts. for 25c.
- 828 **Giant Orange.** Pkt. 10c., three for 25c.
- 829 **Giant Scarlet.** Pkt. 10c., three for 25c.
- 830 **Collection of eight varieties.** Pkt. 40c.
- 831 **Tulip Poppy.** No adequate idea can be gained of the strikingly beautiful effect presented by a bed or mass of this magnificent poppy when the plants are in full bloom, the color being, even when seen from a distance, of such a glowing scarlet as to perfectly dazzle the eye, suggesting at once a bed of scarlet tulips. The plants grow about fourteen inches high, and produce from fifty to sixty flowers, well above the foliage. Pkt. 10c.

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Ricinus Cambodgensis—CASTOR OIL BEAN.

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RICINUS.

(CASTOR OIL BEAN.)

Stately, strong-growing plants, with very ornamental foliage, particularly well adapted as centre plants of groups of cannas, Japanese maize, caladiums, dahlia, etc. Height four to fifteen feet.

- 785 **Cambodgensis.** This new sort grows from six to eight feet high, with large, palm-like leaves of the darkest bronzy maroon; stalk and stem nearly black. Very effective. Pkt. 10c., oz. 50c.
- 786 **Borboniensis Arboreus.** Very large and beautiful foliage; fifteen feet high. Pkt. 5c., oz. 25c.
- 787 **Gibsoni or Duchess of Edinburgh.** Dwarf branching habit, deep red foliage; five feet high. Pkt. 5c., oz. 25c.
- 788 **Sanguineus.** Blood-red stalks and clusters of red fruit; eight feet high. Pkt. 5c., oz. 25c.
- 790 **Mixed.** All sorts. Pkt. 5c., oz. 20c.
- 789 **Zanzibariensis (Palma Christi).** An entirely new and distinct class. The plants attain great dimensions, presenting a splendid aspect with their gigantic leaves, which range from brilliant coppery bronze to light and dark green; the ribs also are of bright colors and contrast nicely with the leaves. Pkt. 10c.

SCABIOSA.

(MOURNING BRIDE.)

One of the handsomest summer plants, producing in great profusion very double flowers in a variety of shades and colors; a splendid flower for table bouquets; hardy annuals.

- 883 **Dwarf Mixed.** Double, all colors; one foot high. Pkt. 5c., oz. 25c.
 878 **Double White.** Pkt. 5c., oz. 25c.
 879 **Double Blue.** Pkt. 5c., oz. 30c.
 880 **Double Pink.** Pkt. 5c., oz. 30c.
 881 **Double Red.** Pkt. 5c., oz. 30c.
 882 **Double Yellow.** Pkt. 15c.



Princess Alice Stock (Cut and Come Again).

STOCKS.

- 885 **Princess Alice** (*Cut and Come Again*). A fine perpetual blooming Stock, growing about two feet high. If sown early, it commences blooming in June and continues until destroyed by frost. It produces perfect flowers during September and October, when other varieties sown at the same time have faded. It throws out numerous side branches bearing clusters of very double, pure white, fragrant blossoms, and is excellent for cutting. Pkt. 15c.

TEN-WEEK STOCKS.

LARGE-FLOWERING DWARF SORTS.

Very desirable as a pot plant or for outdoors. The seed we send out is from pot-grown plants, therefore will produce at least seventy per cent. of large double flowers. For early flowering, start the seeds in a greenhouse or hotbed, and transplant into the garden in May after all danger of frost is over; half-hardy annual.

- 887 **White.** Pkt. 10c., ½ oz. 50c.
 888 **Blood-Red.** Pkt. 10c., ½ oz. 50c.
 889 **Blue and Purple.** Pkt. 10c., ½ oz. 50c.
 890 **Pink.** Pkt. 10c., ½ oz. 50c.
 895 **Mixed.** All colors. Pkt. 10c., ½ oz. 50c.
 891 **Snowflake.** Best white for pot culture. Pkt. 15c.
 892 **Mixed Wallflower-leaved.** Pkt. 10c.
 897 **White Wallflower-leaved.** Pkt. 10c.
 899 **Blood-Red Wallflower-leaved.** Pkt. 10c.
 893 **Intermediate Blooming.** Choice mixed. Pkt. 10c.
 894 **East Lothian.** Choice Mixed. Pkt. 15c.
 896 **Collection** of eight varieties; ten-week stocks. Pkt. 50c.

VIRGINIAN STOCK.

- 898 **Mixed.** All colors. Pkt. 5c.

SALVIA.

(SCARLET SAGE.)

A favorite bedding plant, bearing long spikes of flowers in great profusion from July to October; half-hardy perennials, blooming the first year from seed; three feet high.

- 836 **Splendens** (*Scarlet Sage*). Beautiful, bright scarlet. The effect of this plant cannot be equalled for brilliancy from August until frost. Pkt. 10c., ¼ oz. 50c.
 837 **Coccinea.** Very free-flowering species, brilliant scarlet flowers, not as large as Splendens. Pkt. 5c.
 838 **Clara Bedman** (*New Dwarf*). One of the showiest and most brilliant color plants in existence; its habit is very dwarf and has twice as many flowers on the plant at one time as the older variety *Salvia Splendens*. Pkt. 15c., four pkts. 50c.

SALPIGLOSSIS.

A class of highly ornamental autumn flowering plants with beautiful veined and tinted funnel-shaped flowers similar to a fancy *Petunia*, rendering them very effective in beds and borders. A very choice annual, eighteen inches high.

- 842 **Grandiflora.** Fine mixture of new large-flowering varieties. Pkt. 5c.
 843 **Collection** of six separate colors of the large-flowering varieties. Pkt. 30c.

SCHIZANTHUS.

(BUTTERFLY FLOWER.)

- 847 **Papilionaceus Mixed.** One of the finest annuals in cultivation. The flowers are as handsome as some of the orchids, and produce continually. Pkt. 5c.

SENSITIVE PLANT.

(MIMOSA PUDICA.)

- 850 Curious and interesting plants, with pinkish-white flowers; the leaves close and droop when touched or shaken; they require a mixed soil of peat, loam and sand. Pkt. 5c.

SEDUM.

(STONECROP.)

- 853 A pretty and useful little plant, growing freely on rock-work, hanging baskets, etc.; mixed colors and varieties; hardy perennial; three inches high. Pkt. 10c.

SMILAX.

- 858 Soak the seed for twenty-four hours in warm water before sowing. Pkt. 10c., oz. 60c., lb. \$5.00.

SILENE.

(CATCHFLY.)

Adapted for beds, borders or ribbon-gardening; of easy culture, growing in any garden soil; hardy annual; one foot high.

- 861 **Mixed.** Producing charming flowers in profusion. Pkt. 5c.
 862 **Pendula.** Beautiful Pink flowers—excellent for cutting. Pkt. 10c.

SOLANUM.

A very useful pot plant for winter decoration, of a dwarf branching habit; leaves small and oval-shaped; bearing in the greatest profusion bright scarlet globular berries. Very ornamental.

- 866 **Hendersoni.** 1 foot. Pkt. 10c.

STEVIA SERRATA.

- 864 Free-blooming plant, bearing a multitude of fragrant white flowers; suitable for summer or winter blooming. Pkt. 10c.

SWEET WILLIAM.

(DIANTHUS BARBATUS.)

A well-known plant which has been greatly improved of late years, producing splendid effect in beds and shrubbery; hardy perennial; 1½ feet high.

- 867 **Auricula-flowered Mixed.** A beautiful class of "eyed" single varieties, all colors. Pkt. 5c., oz. 40c.
 868 **Double Mixed.** The finest colors, saved from a splendid double collection. Pkt. 10c., oz. \$1.00.

SWEET SULTAN.

- Choice Mixed. Pkt. 5c., oz. 25c.

NEW CROP.



SWEET PEAS

ECKFORD'S NEW MAMMOTH
FLOWERING.

When properly grown, are nearly double the size of the ordinary varieties, of perfect form, and present combinations in markings and colors heretofore unknown in this exquisite flower. The seed should be sown as early as the ground can be worked in the spring, to enable the vines to get a good strong growth before the warm weather comes. Prepare the ground by thoroughly working in a large quantity of well-rotted manure. Make a trench six inches deep; in this sow the seed and cover two inches deep. As soon as the plants begin to show through, fill in the trench. This will secure a deep planting without the bad effect of deep covering of the seed at first, and so enable the plant to bloom continually through the heat of summer. As fast as the flowers come into full bloom or fade, they should be cut off, for if the seed pods are allowed to form, the plants will stop blooming. Seed may also be sown late in the autumn.

- 900 **American Belle.** Beautifully striped, Pkt. 10c.
 901 **Apple Blossom.** Standards bright pinkish rose, wings blush. Pkt. 5c., oz. 15c., lb. \$1.25.
 902 **Boreatton.** Fine deep maroon color. Pkt. 5c., oz. 15c., lb. \$1.25.
 903 **Cardinal.** Bright shining crimson scarlet. Pkt. 5c., oz. 15c., lb. \$1.25.
 904 **Emily Henderson.** Very large pure white.
 905 **Grand Blue.** Pkt. 5c., oz. 15c., lb. \$1.25.
 906 **Indigo King.** Rich indigo blue. Pkt. 5c., oz. 15c., lb. \$1.25.
 907 **Isa Eckford.** Creamy white suffused with rosy pink. Pkt. 5c., oz. 15c., lb. \$1.50.
 908 **Lottie Eckford.** White and blue. Pkt. 5c., oz. 15c., lb. \$1.25.
 909 **Miss Hunt.** Pale carmine, salmon standards, with soft pink wings. Pkt. 5c. oz. 15c., lb. \$1.25.
 912 **Monarch.** Very fine maroon. Pkt. 5c. oz. 15c., lb. \$1.25.
 918 **Miss Blanche Ferry.** The most popular variety yet introduced. It is earlier and hardier than any other, of dwarf and very compact growth, and can be grown without support, making it especially desirable for forcing. The flowers are of large size and are produced in great abundance; of a beautiful pink and white color. Pkt. 5c., oz. 15c., lb. \$1.25.
 910 **Orange Prince.** Bright orange pink, flushed with scarlet. Pkt. 5c., oz. 15c., lb. \$1.25.
 911 **Primrose.** Pale primrose yellow. Pkt. 5c., oz. 15c., lb. \$1.25.
 919 **Princess Beatrice.** Bright pink. Pkt. 5c., oz. 25c.
 913 **Queen of England.** Pure white, large, fine. Pkt. 5c., oz. 15c., lb. \$1.25.
 922 **Senator.** The finest chocolate-color variety. Pkt. 5c., oz. 15c., lb. \$1.25.
 914 **Splendor.** Rich bright pinkish rose, shaded with crimson. Pkt. 5c., oz. 15c., lb. \$1.25.
 915 **Collection** containing one oz. of each of the above Sweet Peas, 18 ozs. in all, for \$2.00.
 923 **Collection** containing 1 pkt. of each of the above 18 varieties, 75c.
 916 **Eckford's Large-flowering Mixed.** Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. \$1.00.
 917 **Very Fine Mixed,** of all colors. Pkt. 5c., oz. 10c., lb. 75c.

EVERLASTING PEAS.

- 920 **Choicest Mixed.** Hardy perennial. Will bloom the first season if sown early. Pkt. 5c., oz. 30c.

P. S.—Our Seed of Sweet Peas has all been grown on contract by the largest and most reliable grower, and can be depended upon to produce large flowers of the brightest colors. We received last season a large number of testimonials from our customers, and have booked a number of orders.

VERBENAS.

Easily grown from seed. If sown early in spring they will flower quite early in the season. Indispensable for bedding and edging. The seed has been saved from one of the finest collections.

- 928 **White.** Pure. Pkt. 10c.
 929 **Scarlet.** Brilliant, large eye. Pkt. 10c.
 930 **Blue.** With large eye. Pkt. 10c.
 931 **Extra Choice Mixed.** From named varieties. Pkt. 10c., $\frac{1}{8}$ oz. 40c., oz. \$2.00.
 933 **Very Fine Mixed.** Pkt. 5c., oz. \$1.00.
 934 **Michell's Mammoth Choicest Mixed.** These cannot be surpassed for size and color. Pkt 15c., $\frac{1}{8}$ oz. 50c., oz. \$3.00.

LEMON VERBENA.

- 935 **Aloysia Citriodora.** Fragrant lemon-scented foliage. Pkt. 10c.

**THUNBERGIA.
(BLACK-EYED SUSAN.)**

Rapid-growing climbers, thrive in light, rich soil; very pretty; borne profusely during the season. Fine for vases, rustic work, etc.

- 940 **Alba Oculata.** White, dark eye. Pkt. 5c., oz. 40c.
 941 **Alata.** Buff, dark eye. Pkt. 5c., oz. 40c.
 942 **Aurentiaca.** Orange, dark eye. Pkt. 5c., oz. 40c.
 944 **Mixed.** All colors. Pkt. 5c., oz. 40c.

VINCA.

(MADAGASCAR PERIWINKLE.)

- 946 **Rosea.** Rose, with dark eye. Pkt. 10c., oz. \$1.00.
 947 **Alba.** White, with crimson eye. Pkt. 10c., oz. \$1.00.
 948 **Alba Pura.** Beautiful pure white. Pkt. 10c., oz. \$1.00.
 949 **Mixed.** Pkt. 10c., oz. \$1.00.

VIOLET. (VIOLA ODORATA.)

Thrives best in a shady situation, in a rich, deep soil; hardy perennials.

- 954 **Single Blue Czar.** Very sweet-scented flowers. Pkt. 10c.
 955 **Single White.** Very fragrant and free-flowering. Pkt. 10c.

WALLFLOWER.

Well-known fragrant garden plants, blooming early in the spring, with large spikes of flowers; they should be protected in a cold frame in the winter, and planted out in May; half-hardy perennials.

- 960 **Single Mixed.** All colors. Pkt. 5c.
 961 **Finest Double Mixed.** All colors. Pkt. 10c.
 962 **Collection** containing eight double varieties, each separate. Pkt. 50c.

WILD FLOWER GARDEN.

- 966 A mixture of about one hundred popular annuals and perennials, will make a good effect wherever sown. Pkt. 5c., oz. 15c., lb. \$1.00.

ZINNIA. (YOUTH AND OLD AGE.)

Half-hardy annuals, two feet high.

- 979 **Haageana.** Choicest mixed single. Pkt. 5c.
 980 **Improved Pompon.** Differing from older ones in habit of growth and immense size; very double flowers of various striking colors; plants are dwarf and bloom freely for a long period. Pkt. 10c., oz. 60c.
 981 **Tom Thumb.** A miniature zinnia, forming compact, round bushes six to twelve inches in height and eight to fifteen inches in diameter, covered with flowers of the brightest colors. Pkt. 10c., oz. \$1.00.
 982 **White.** Pure white flowers. Pkt. 10c., oz. 50c.
 983 **Striped or Zebra.** Pkt. 10c., oz. 60c.
 984 **Robusta Plenissima or Giant.** Flowers five to six inches across, perfectly formed, very double and of striking colors. Pkt. 10c., oz. 60c.
 985 **Scarlet Pompon.** Pkt. 10c., oz. 75c.
 986 **Extra Choice Mixed.** Saved from selected double flowers only. Pkt. 5c., oz. 40c.
 987 **Collection,** in imported pkts., six separate colors. Pkt. 35c.

**TAGETES.**

A dwarf, globular, compact, bushy plant, densely covered with flowers, valuable for borders as well as beds. Half-hardy annual.

- 969 **Pumila Golden Ring.** Orange color. Pkt. 5c.

TORENIA.

Splendid plant for vases, hanging baskets, or growing out of doors; they are covered until late in the season with one mass of bloom.

- 972 **Fournieri.** Large sky-blue flowers, with spots of dark blue and a bright yellow centre. Pkt. 10c.
 973 **Bailloni.** Flowers bright golden yellow with a brownish-red throat. Pkt. 15c.
 974 **White Wings.** Pkt. 15c.



Improved Pompon Zinnia.

BULBS AND PLANTS.



Amaryllis.

AMARYLLIS.

Aulica. Red, striped white. Each 75c.

Hybrids of Vittata. Each 30c.

Johnsoni. Very large flower, rich crimson-scarlet color, striped with white. Each 50c., per doz. \$5.00.

Treatia Alba. Pure white, blossoms the entire summer. Each 10c., per doz. \$1.00.

Treatia Rosea. Bright rose. Each 10c.

Belladonna Major. Bright pink. Each 20c., per doz. \$1.00.

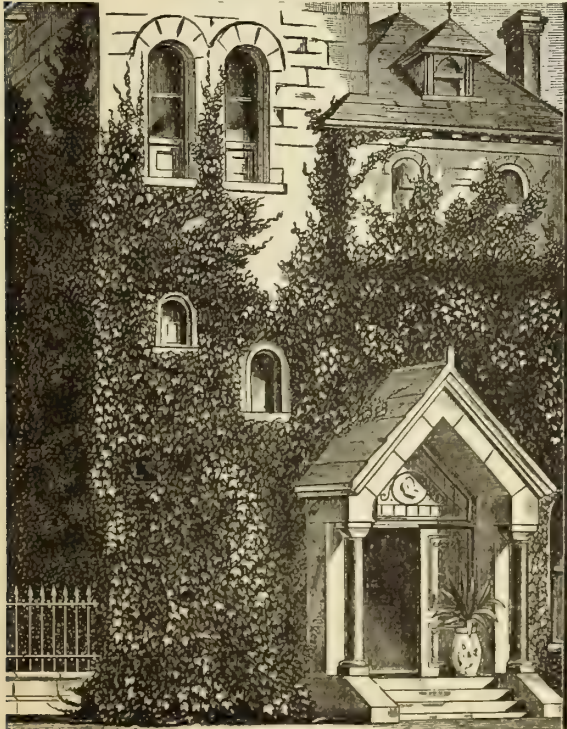
Formosissima (Jacobæan Lily). Crimson blooming. Each 15c., per doz. \$1.50.

AMPELOPSIS VEITCHII.

(JAPANESE OR BOSTON IVY.)

A perfectly hardy ampelopsis of Japanese origin. It grows as rapidly as the old Virginia Creeper, and attains a height of fifty feet. It clings firmly to any wall, tree, etc., becomes more popular every season, and is without question one of the best climbing plants for covering brick or stone walls that can be grown. Each 25c., per doz. \$2.50, per 100 \$12.00.

Strong young plants. Doz. \$1.50, 100 \$9.00



Ampelopsis Veitchii.

AKEBIA QUINATA

Hardy. One of the best climbers, bearing numberless bunches of violet-brown flowers, which have a pleasant cinnamon odor. It begins to bloom early in the spring, and continues several weeks. In good soil and location it will grow 30 to 40 feet high. Each 25c., per doz. \$2.50.

ALTERNANTHERA.

Used for carpet bedding and edging.

Aurea Nana. Bright golden yellow.

Amœna Spectabilis. Crimson, pink and brown; the finest and brightest. Per doz. \$1.00, per 100 \$5.00.



Laing's Gold Medal Tuberous-rooted Begonias.

BEGONIAS—TUBEROUS-ROOTED. LARGE BULBS.

The bulbs which we sent out last spring produced excellent results. The size of blooms were man moth, and the colors very rich. We have already booked a number of orders for these bulbs from customers who purchased some last spring, and from others who saw them while in bloom.

MR. MICHELL.

"SUNSET," Glenside, Pa., October 10, 1893.

DEAR SIR:—I deem it my duty to congratulate you on your "Gold Medal Giant" Tuberous Begonias. The various colors are magnificent and were admired by everyone who saw them. I had flowers on them that measured five inches in diameter, the plants measuring eighteen inches in diameter in full bloom. I procured the bulbs of these from you last spring.

I remain, yours respectfully,
Gardener to CLAY KEMBLE, Esq.

CHAS. WM. COX.

White, Yellow, Pink, Bright Scarlet, Deep Red. Each 15c., per doz. \$1.25, per 100 \$9.00, per 1000 \$75.00.

Choicest Mixed Single. Each 10c., per doz. \$1.00, per 100 \$8.00, per 1000 \$60.00.

Double. Separate colors. Each 30c., per doz. \$3.00.

Choicest Mixed Double. Each 25c., per doz. \$2.50.

SPOTTED CALLA.

These are very ornamental and flower freely. The foliage is beautifully spotted and the flowers are pure white.

Dry Bulbs. Each 15c., per doz. \$1.50.

COLEUS.

Golden Bedder. Per doz. \$1.00, per 100 \$5.00, per 1000 \$45.00.

Queen Victoria. Per doz. \$1.00, per 100 \$5.00, per 1000 \$45.00.

Vershaffelti. Per doz. \$1.00, per 100 \$5.00, per 1000 \$45.00.

All other leading sorts.

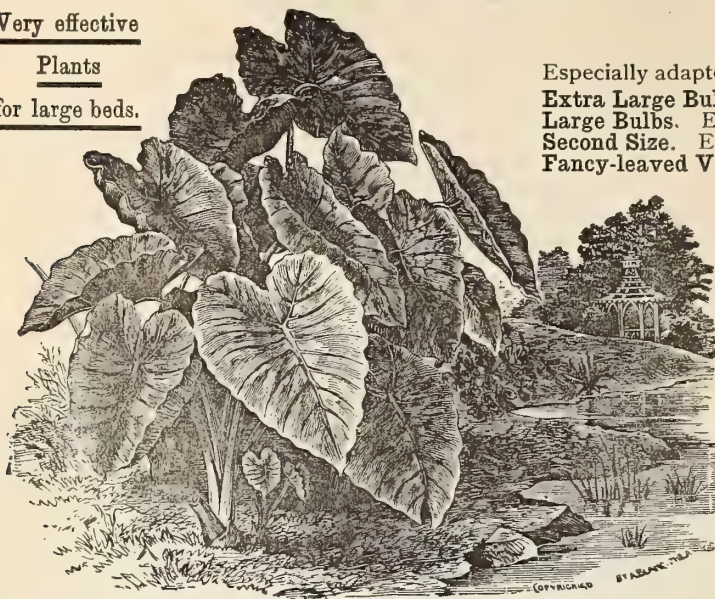
CINNAMON VINE.

One of the most rapid creepers. Hardy. Each 5c., per doz. 50c.

Very effective

Plants

for large beds.



Caladium (Elephant's Ear).

CANNAS.

We have a large supply of Cannas, grown under contract for us by one of the leading growers of this country. They can be relied upon to be true and sure-blooming roots, mostly all with two shoots.

Golden Border. A splendid variety for border of other French Cannas; grows only 3 feet high. The flowers are canary yellow, slightly spotted with red; foliage green. We have made arrangements with the introducer to handle the whole stock of this desirable variety. Each 50c., per doz. \$5.00. Ready March 1st.

Egendale. Especially valuable as a bedding variety, having dark bronzy foliage, with large, bright, cherry-red flowers of good shape and substance. It is of compact uniform growth, attaining a height of 4 feet, and is considered one of the very best dark foliage varieties. Each 25c., per doz. \$2.50, per 100 \$15.00.

Madam Crozy. Undoubtedly the grandest of all varieties. The color is a brilliant vermilion-scarlet, bordered with deep golden yellow; the flowers are borne in great clusters and in profusion. The foliage is vivid green, broad and massive; the habit of the plant is compact and vigorous, its natural height being rarely more than 4 feet, but flowers form when it is scarcely a foot high, and continue coming on plants until frost. Each 15c., per doz. \$1.50, per 100 \$8.00.

Alphonse Bouvier. Rich velvety red; very large truss and flower; petals broad and wavy; the grandest deep red variety known. Each 25c., per doz. \$2.50.

Star of 1891. A dwarf-growing, very free-flowering variety, excellent for pot culture; bright orange-scarlet, sometimes edged with yellow. Each 15c., per doz. \$1.50, per 100 \$8.00.

Emile Leclaire Improved Dwarf. One of the finest dwarf cannas yet introduced. The flowers are large, clear, golden yellow, dotted with brilliant scarlet. Height 3 to 4 feet according to location. Strong roots, each 15c., per doz. \$1.50, per 100 \$8.00.

New Dwarf French. Collection of six named sorts. Per doz. \$1.00, per 100 \$7.00.

Mixed Dwarf French. Containing many new sorts. Each 10c., per doz. 75c., per 100 \$5.00.

Robusta Perfecta. Very tall-growing, dark foliage; variety specially adapted for the centre of canna beds. Each 10c., per doz. \$1.00, per 100 \$7.00.

Tall-growing Sorts. In mixture. Each 10c., per doz. 85c., per 100 \$6.00.

CALADIUM.

(ELEPHANT'S EAR.)

Especially adapted as a border for cannas and tall-growing grasses.

Extra Large Bulbs. Each 35c., per doz. \$3.00, per 100 \$20.00.

Large Bulbs. Each 20c., per doz. \$2.00, per 100 \$10.00.

Second Size. Each 10c., per doz. \$1.00, per 100 \$7.00.

Fancy-leaved Varieties. Each 20c., per doz. \$2.00.

CARNATION PLANTS.

We have made arrangements with a large carnation grower to supply us with some of the finest sorts, grown in pots, and well rooted.

Golden Gate. Yellow.

Daybreak. The finest pink.

Portia. Scarlet.

Grace Wilder. Light pink.

Hinze's White. One of the best.

Chester Pride. White and carmine.

American Flag. Scarlet and white.

Lizzie McGowan. White.

Mrs. F. Mangold. Salmon pink.

Anna Webb. Crimson.

Also all other varieties.

Ten strong plants (ten varieties) for \$1.00, or \$5.00 per 100 by express.

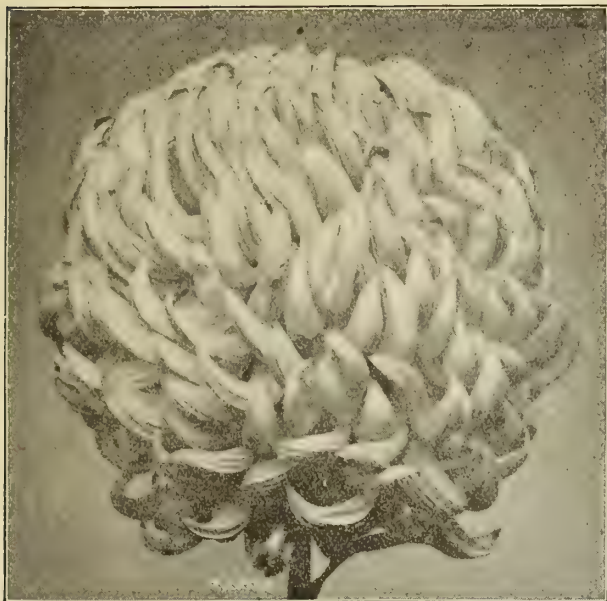
We can supply strong clumps in August and September for indoor planting. Per doz. \$2.50, per 100 \$15.00.

Florence Vaughan. The finest yellow spotted variety; bright rich golden yellow, spotted with bright red; the flowers, which are of the largest size, of great substance and of perfect form, are borne in large heads and in the greatest profusion; the foliage is massive and of a rich green color; the plants rarely exceed 3 feet in height. Each 25c., per dozen \$2.50, per 100 \$15.00.

Capitaine P. De Suzzoni. One of the finest yellow spotted varieties; flowers very large, with broad rounded petals produced in large heavy spikes. The ground color is of a rich, canary yellow, while the entire flower is spotted with cinnamon red. Its habit of growth is entirely distinct from all others, the foliage being very similar to that of the Abyssinian banana, of a light green color; attains a height of about 5 feet. Each 25c., per doz. \$2.50, per 100 \$15.00.



French Cannas.



Philadelphia.

CHRYSANTHEMUMS.

Philadelphia. The great prize winner, wherever exhibited in this country and in Europe. The flowers are of immense size, of conical shape; color white, with a lemon-yellow tint on surface of each petal. We have made arrangements with Mr. Hugh Graham (the introducer) for the sale of this really great novelty. Plants ready March 1st. Each 50c., per doz. \$6.00, 50 for \$17.50, \$35.00 per 100.

R. G. Carey's set of Three Novelties, which have just been certificated by the National Chrysanthemum Society. Ready March 1st. Each 50c., or the set of three for \$1.25.

Mrs. Edward H. Trotter. Pure white, of great solidity; a well built flower on stout and erect stems. Reflexed Japanese in type. This looks as though it ought to be a first-class commercial variety.

Oakshade. So named after the summer residence of Thos. C. Price, Esq., Chestnut Hill, where it originated. In form it is very distinct and beautiful. Its petals or florets are quite peculiar—resembling somewhat the floret of a salvia. Its color is of a purple shade.

Miss Margaret Newbold. In color it is very delicate pink. Incurved Japanese, somewhat resembling Mermaid, but it is of a much better color.

STANDARD SORTS.

Strong plants, \$1.50 per doz., \$8.00 per 100, the set of 25 varieties \$2.50.

Col. Wm. B. Smith. An immense flower, petals very broad and large, forming a solid mass of the richest bright golden bronze.

Cullingfordii. Scarlet, good for all purposes.

Eugene Dailedouze. Large, full double, bright yellow, with magnificent foliage, free and easy grower, nothing brighter or clearer among yellows.

Edward Hatch. One of the grandest of the newer varieties; flowers of immense size, almost spherical; carried on a good stem. The color is a soft lemon, suffused with pink.

E. G. Hill. Immense bloom, of brightest golden yellow; full and very double. Lower petals sometimes deeply shaded bright carmine. An elegant variety, of strong habit.

Golden Wedding. Flower of the largest. Yellow. Petals incurved and loosely twisted. Great sturdiness in stem and foliage.

Harry Balsley. A magnificent variety; fine for cut flowers; soft mermet pink in color.

Henry F. Michell (Standen). Pearl white, incurved, large and full; strong stems and good foliage; sturdy grower; fine for cut flowers and pot plants.

Ivory. Pure white, very double, large and beautiful; distinct, and dwarf in habit. Extremely free and early.

Lillian B. Bird. One of the finest chrysanthemums grown. Splendid for pots or cut bloom.

Mr. W. H. Joyce. Scented. Light pink, petals long and straight; flowers of large size and fine shade of pink. This is the only variety in cultivation with the fragrance of the violet.

Major Bonnaffon. Soft, clear, incurving yellow, full in the centre; 6 to 7 inches in diameter, and nearly as deep. In perfect form and finish; like ivory at its best. Habit dwarf; keeping qualities excellent. Awarded Columbian medal.

Mrs. B. F. Cole. Yellow, splendid in size and form; early. Good for either cut-flower or pot plants.

Mrs. L. C. Madeira. A perfect compact globe of golden yellow; petals upright, of heavy texture, and like unopened quills; of strong constitution, stems stiff and flowers large.

Mrs. E. G. Hill. Size 7 to 8 inches in diameter, 3 to 4 inches deep, extra early, bright, clear pearl pink, form full to centre, a grand incurving sphere, stem stiff, blooms cut October 20th.

Miss Mary E. Simmons. Pure yellow, incurved, large and full flower, forming a ball; of robust habit, good keeper when cut. A grand variety for either cut bloom or pot plants.

Mrs. J. G. Whilldin. A handsome, light yellow variety of splendid size and form.

Niveus. A grand snow-white variety.

Pitcher & Manda. The flowers are very large, the petals tubular, the inner portion canary yellow, while the outer five or six rows of petals are pure white. This strong contrast gives the flower a unique appearance, and opens the way to a new race of double chrysanthemums, made up of contrasting colors, or, perhaps, of striped chrysanthemums. The plant is vigorous, with stout stem and large dark green leaves.

Queen. A grand double white, of fine size and great substance. Very rounded in form, incurving and full.

Roslyn. A superb clear mermet rose pink, petals thick and heavy.

Ruth (Standen). Large white, incurved, full to centre, good form.

Viviand Morel. Extra large, petals long and loosely arranged; a beautiful light shade of pink; one of the best of late introduction.

Violet Rose. A beautiful pink variety.

W. H. Lincoln. Color yellow. Fine for flowers; splendid for cutting.



Nymphæa Dahlia.

doz. Enormous roots, 40c. each, \$3.50 per doz. Strong young plants, ready April 15th, each 20c., doz. \$1.75.

DOUBLE LARGE-FLOWERING DAHLIAS.

- Fanny Purchase.** Deep yellow, fine form.
Fascination. Soft delicate pink, shaded lilac.
Keystone. Large, deep rose, splashed crimson.
Maid of Kent. Brilliant reddish crimson, tipped white.
New Aster-flowered. Deep rose, shaded lavender; a beautiful, distinct and curious variety.
President. Pearly white, tipped purple.
Snow. Pure white; profuse bloomer. Large field roots, 20c. each, set of 7 for \$1.00. Strong young plants, 15c. each, set of 7 for 75c.

CACTUS DAHLIAS.

Invaluable for bouquets and decorations.

- Constance.** Pure white, fine form and profuse bloomer.
Glare of the Garden. Rich dazzling scarlet; the plant is constantly a mass of blooms.
John Bragg. Richest dark maroon, almost black.
Mrs. Hawkins. Of largest size, rich sulphur yellow, shaded and tipped lavender and pink.
Panthia. Rich reddish salmon, distinct and striking.
Prof. Baldwin. Bright orange scarlet, striking form.
Robert Maher. Large, rich golden yellow. Price, large field roots, 20c. each, set of 7 for \$1.00. Strong young plants, 15c. each, set of 7 for 75c.

DAHLIAS.

Once more, and justly, the most popular summer and autumn blooming plant in cultivation; as the progress made in developing this grand family during the past few years is marvelous. The following collection contains only those of superior merit, and we offer only *large field-grown roots* and *extra strong, well-grown young plants*; both of which are far superior to those *small stunted pot roots*. Our exhibit of dahlia blooms last September, which were so admired, were grown from young plants. We will fill all orders for dahlia roots with roots, as long as our supply lasts, and should our stock of any variety become exhausted, will send young plants of same variety instead, and extra plants of new or choice varieties to, *at least*, the full amount of difference in price. We trust this will be more satisfactory to our patrons than substituting other varieties.

NOTICE.—Young plants ready April 15th.

NYPHÆA DAHLIA.

This is that superb new "cut-flower" dahlia, which created such a sensation among the florist trade the past season, and is the *only first-class "cut-flower" dahlia in the world*. Thousands of blooms of *Nymphæa* were used by the leading florists of Philadelphia, and a vase of *Nymphæa* blooms was a conspicuous object in their display windows. Both the florists and their patrons were unstinted in their praise, and pronounced *Nymphæa* the most beautiful and distinct dahlia ever introduced. It furnishes a new form, a new habit, and, above all, a new dahlia characteristic—a delicate and refined water-lily fragrance. The flowers are of large size, perfectly double, never showing a yellow centre; the full view so clearly resembling the ideal pink water lily as to suggest the name, while from a side view it resembles a full-blown rose. The petals are broad—those of the centre being incurved, while the outer petals extend their full length. The color is a clear, distinct, light shrimp, or sea-shell pink, tinted slightly lighter toward the centre; a color difficult to describe, and seldom found in any flower, and never before in a dahlia. The flower is of most exquisite finish, soft, waxy (glistening in the sun), delicate and graceful, and when cut will keep several days. The plant is a good strong grower, and is the most profuse bloomer of any dahlia; of medium height and shrubby growth, and bears its flowers on long stems, which are well supplied with buds and foliage (see cut)—thus furnishing every requisite for bouquets or floral decoration, and making it, in the opinion of all who have seen it, "*The Queen*" of all dahlias. Price, extra strong field-grown roots, 25c. each, \$2.25 per doz. Strong young plants, ready April 15th, each 20c., doz. \$1.75.

A SUPERB SINGLE DAHLIA.

Our attention was called to this dahlia the past season, by reason of its large size, brilliant color, sturdy growth and profusion of bloom. It is of large size, dazzling scarlet with a rich golden yellow centre. Price, large clumps, 25c. each, \$2.50 per doz.

CHOICE MIXED DAHLIAS.

As we cannot give notice in this catalogue of all the dahlias we grow, owing to want of space, we offer them in a grand mixture, which includes many new and rare varieties. Price, extra large field roots, 15c. each, \$1.25 per doz.

Any of the large-flowered or cactus dahlias, purchasers' selection, large field roots, 20c. each, \$1.75 per doz. Strong young plants, 15c. each, \$1.50 per doz.

A BEAUTIFUL COLLECTION OF DAHLIAS.

We are headquarters for dahlias, and can supply strong young plants of 80 additional varieties in any quantity. This collection has been carefully gathered from Europe and America, and contains only the choicest and best of the new and standard sorts, and not a poor one in the lot. This collection contains 30 choicest large-flowered dahlias, 20 choicest cactus dahlias, 20 choicest pomponed dahlias, and 10 choicest single dahlias. Price, each one carefully labeled true to name, strong young plants, 15c. each, \$1.50 per doz, set of 80 varieties only \$8.00.

The 96 varieties mentioned on this page, including *Nymphæa* and the new single dahlia and 4 mixed dahlias, making 100 in all, strong young plants, carefully labeled true to name, for only \$10.00.

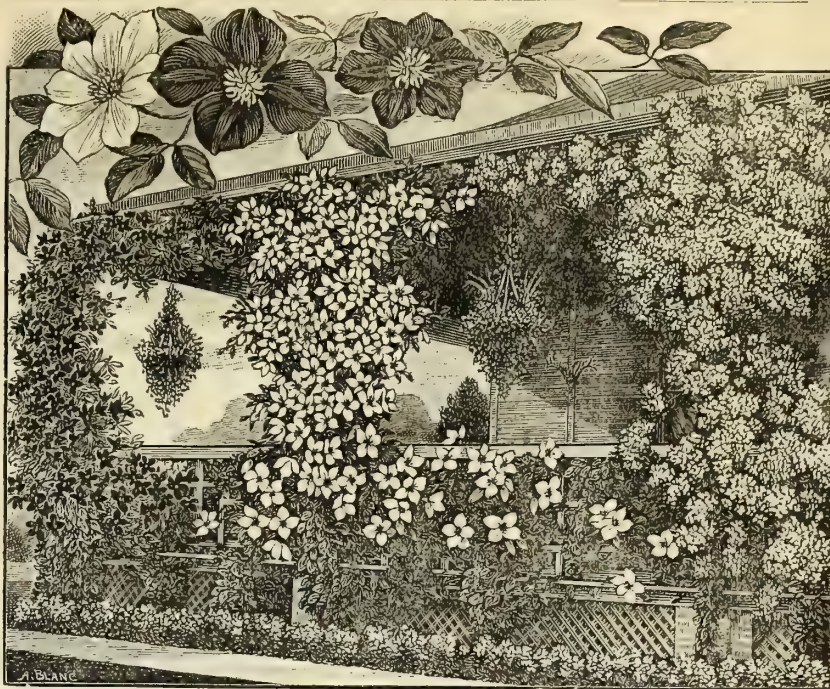
FERNS. We can supply a fine assortment, *Adiantum*, *Pteris* and other desirable varieties, for fern dishes, etc. 2½-in. pots, \$1.25 per doz., \$8.00 per 100; 3-in. pots, \$1.50 per doz., \$10.00 per 100.



Crinum Kirky.

CRINUM KIRKY.

A grand species. Planted out in May in rich soil and up to the neck, the bulb will begin at once to form fine foliage, and to send forth one flower-spike after another, crowded with enormous sweet-scented flowers of the most gorgeous colors; the broad petals being ornamented with a broad red stripe, while the outside is of a deep purplish red. A cluster of flowers when expanded often measures four feet in circumference. Each 40c.

**CLEMATIS.**

Jackmanni. Large, rich violet purple; a free bloomer. The most popular variety. Strong plants, each 50c., per doz. \$5.00.

Madam Van Houtte. Pure white, extra fine. Strong plants, each 50c., per doz. \$5.00.

Coccinea. A handsome hardy climber. Bell-shaped flowers of a bright coral red; blooms from June until frost. Each 25c., five for \$1.00.

Flammula (Virgin's Bower). A general favorite. Hardy, rapid-growing vine, its small, bright green foliage is almost hidden by clusters of small fragrant white flowers. Each 25c., five for \$1.00.

Crispa. Pretty, bell-shaped, fragrant lavender flowers, with white centres. Blooms from June until frost. Each 25c., five for \$1.00.

GLADIOLUS



Lemoine's "Butterfly" Gladiolus.

GLADIOLUS.

LARGE-SIZED BULBS.

Named Varieties. Collection of 12 best and brightest colors \$1.00, \$6.00 per 100.

GLADIOLUS IN COLORS AND MIXTURES.

ALL FIRST-SIZE, LARGE BULBS.

All Colors, Very Choice Mixed. Each 4c., per doz. 25c., per 100 \$1.75, per 1000 \$15.00.

White and Light Colors. Each 5c., per doz. 45c., per 100 \$3.00, per 1000 \$20.00.

Yellow Shades. Each 5c., per doz. 50c., per 100 \$3.00.

Scarlet and Crimson. Each 4c., per doz. 30c., per 100 \$1.75, per 1000 \$15.00.

Pink and Variegated. Each 5c., per doz. 40c., per 100 \$2.50, per 1000 \$20.00.

Lemoine's Butterfly. Extra fine mixed. Each 5c., per doz. 50c., per 100 \$3.00.

GLOXINIA.

Strong bulbs, choicest mixed, containing the French tigers and spotted. Each 15c., per doz. \$1.50.

HELIANTHUS.

Multiflorus, fl. pl. (Double Hardy Sunflower). An extremely useful, hardy plant; bears profusely large double flowers of a bright yellow. Each 15c., per doz. \$1.50.

Maximiliana. Large double golden yellow flowers. Each 15c., per doz. \$1.50.

HYACINTHUS CANDICANS.

Summer Blooming Hyacinth. Extra large bulbs. Each 5c., per doz. 50c.



Lilium Auratum.

LILIES.—HARDY.

- Auratum** (*Golden-beaded Japan*). Extra large bulbs, each 25c., per doz. \$2.50, per 100 \$15.00. Very fine blooming bulbs, each 15c., per doz. \$1.50, per 100 \$10.00.
- Lancifolium Speciosum Album**. Pure white Japan Lily. Each 30c., per doz. \$3.00, per 100 \$20.00.
- Lancifolium Speciosum Rubrum**. Very large bulbs, each 20c., per doz. \$1.75, per 100 \$10.00.
- Tigrinum** (*Tiger Lily*). Each 15c., per doz. \$1.50, per 100 \$10.00.

HONEYSUCKLES.

(WOODBINE.)

- Halliana**. Flowers pure white, turning to yellow; fragrant; hardy evergreen; flowers freely.
- Variagated**. Foliage beautifully mottled yellow and green. Each 25 to 50c., per doz. \$2.50 to \$5.00.

HYDRANGEA.

- Paniculata Grandiflora**. The popular hardy Hydrangea. Strong plants, each 25c., per doz. \$2.50; large plants, each 50c., per doz. \$5.00.

IRIS KÆMPFERI.

(JAPANESE IRIS.)

- Hardy. Strong roots. Will bloom this season.
- Mixed**. Of all colors. Each 15c., per doz. \$1.50.

MADEIRA OR MEXICAN VINE.

- Large Selected Bulbs. Each 5c., per doz. 40c.

MANETTIA VINE.

Each 15c., per doz. \$1.50.

MOON FLOWER.

- Hardy Day Blooming**. Extra large selected roots. Each 15c., per doz. \$1.50.
- Night Blooming**. Each 15c., per doz. \$1.50.

TIGRIDIA.

(SHELL FLOWER.)

- Beautiful summer-flowering bulbs, producing large flowers, exquisitely spotted, flowering from July to October.
- Conchiflora**. Orange, with crimson spots. Each 5c., per doz. 40c., per 100 \$3.00.
- Pavonia Grandiflora**. Red, with yellow spots. Each 5c., per doz. 40c., per 100 \$3.00.
- Grandiflora Alba**. White flowers, spotted with maroon. Each 5c., per doz. 40c., per 100 \$3.00.



Herbaceous Pæonies.

PÆONIES.

Extra fine large clumps, will bloom this Spring.

- Double Pink**. Each 30c., per doz. \$3.00.
- Double White**. Each 30c., per doz. \$3.00.
- Double Red**. Each 30c., per doz. \$3.00.



Excelsior Pearl Tuberose.

TUBEROSES.

Extra large-blooming bulbs.

- Excelsior Pearl**. Each 5c., per doz. 40c., per 100 \$2.50, per 1000 \$15.00.
- Tall Double**. Each 5c., per doz. 40c., per 100 \$2.50, per 1000 \$15.00.
- New Early Branching Tuberose, "Albino"**. Beautiful single-flowering variety; splendid for forcing and cutting. Each 8c., per doz. 75c.

SPIDER LILY.

(CRINUM AMERICANUM.)

- White**. Large Bulbs, each 20c., per doz. \$2.00.

TRITOMA UVARIA GRANDIFLORA.
(RED-HOT POKER PLANT.)

Rich orange-red flowers. Each 25c., per doz. \$2.50.

VERBENAS.

- Choicest Mixed Colors**. Per doz. 75c., per 100 \$5.00.

WISTERIA.

(GLYCINE.)

- Sinensis**. The best blue. Each 30c. and 50c.
- Sinensis Alba**. White. Each 50c.

ROSES.

TRUE TO NAME. FINE PLANTS.

American Beauty. The best hybrid tea.
Baltimore Belle. White climber.
Bon Silene. Pink. Tea.
Bride. Pure white. Tea.
Cath. Mermet. Pink. Tea.
Capt. Christy. Pink. Perpetual.
Coquette des Alps. White. Ever-blooming.
Dinsmore. Rich crimson. Perpetual.
Glorie de Dijon. Perpetual.
Gen'l Jacqueminot. Crimson. Perpetual.
Glory of Mosses. Pink. Moss.
Hermosa. Pink. Ever-blooming.
La France. Pink. Hybrid tea.
Mrs. John Laing. Pink. Perpetual.
Mad. de Watteville. White, edged with pink. Tea.
Marechal Neil. Yellow climbing. Tea.
Papa Gontier. Carmine. Tea.
Pierre Guillot. Bright crimson. Tea.
Perle des Jardins. Yellow. Tea.
Prairie Queen. Red climbing. Perpetual.
Safrano. Saffron. Tea.
Sunset. Yellow, tinted orange. Tea.
Souvenir de Wootton. Red. Hybrid tea.
Ulrich Brunner. Scarlet. Perpetual.

2½-in. pots, per doz. \$1.50, per 100 \$10.00. 5-in. pots extra strong, each 40 cts., per doz. \$4.00, per 100 \$18.00.

We can furnish all other varieties of Roses.

RHODODENDRONS.

We have made arrangements with one of the largest and most reliable nurseries, and can supply very fine plants, well set with buds, at \$1.00 each, \$12.00 per doz., \$95.00 per 100. These plants will bloom and produce a fine effect this coming season.

NYMPHEA.

(WATER LILIES.)

Odorata. Our native water lily; flowers pure white and very fragrant. Each 30c., per doz. \$3.00.

Odorata Rosea (*Cape Cod Water Lily*). The famous pink water lily of Cape Cod. Possesses all the desirable qualities of the white-flowered species; hardiness, freedom of bloom and delicious fragrance. Each \$2.00, per doz. \$18.00.

Zanzibariensis Azurea. Deepest colored and finest of the blue water lilies. Each 60c.

Zanzibariensis Rosea. The flowers are of a deep rosy pink color. The outside of the sepals is of a lively green, forming a beautiful contrast with the rosy petals. Each 60c.

Also all other varieties.

NELUMBIUM.

(LOTUS.)

Speciosum. The true lotus of Egypt. The flowers, when just expanding, are of a beautiful rosy pink color; when open, they are of a creamy white and pink; they open in the morning and close in the afternoon. Strong roots, each \$1.50; extra strong roots, each \$3.00.



Water Lilies.

WATER HYACINTHS.

(PONTEDERIA CRASSIPES MAJOR.)

A very showy aquatic, bearing very freely flowers of a delicate lilac-rose in trusses like a hyacinth. The individual blooms are two inches in diameter. It should be grown in about three inches of water, so that the ends of the roots can enter the soil. Each 25c., \$2.00 per doz.

We can also supply all other water plants at moderate prices.

BERRIES, GRAPE VINES, PRIVET AND BOOKS.

We have these fruits grown by one of the most reliable growers. The stock is strong and true.

We can also furnish any other sorts herein quoted at lowest market prices and will guarantee the plants.

CURRENTS.

Currants should be planted on good soil, which must be kept rich and well worked. Sprinkle ashes around the roots occasionally, to keep the borers away. The currant worm may be destroyed by sprinkling the bushes with powdered white hellebore while they are wet with dew. Where it has been applied, the fruit should not be used without first being washed.

Black Naples. Vigorous and productive; used for jelly and jams, and highly profitable for market in some sections. Two years, per doz. \$1.25, per 100 \$7.00.

Fay's Prolific. Color rich red. Two years, each 15c., per doz. \$1.50.

Red Dutch. Medium size; in large bunches; the old and well-known currant of the garden. Two years, per doz. \$1.25, per 100 \$7.00.

White Grape. The best white variety; large, sweet and good; best for the table; a good bearer. Two years, very fine. Per doz. \$1.25, per 100 \$7.00.

BLACKBERRIES.

Kittatinny. Large, juicy, sweet and excellent; hardy and productive. Considered the best and most profitable late berry. Per doz. \$1.00, per 100 \$4.00.

Wilson's Early. A well-known and desirable variety, ripens early. Per doz. 75c., per 100 \$4.00.

Wilson Junior. Of large size, unsurpassed productiveness, fine flavor, and early. The largest and best early blackberry yet introduced. Per doz. 75c., per 100 \$4.00.

GOOSEBERRIES.



Treatment same as for currants.

Downing. Large pale green; soft, juicy and good for family use. Two years, per doz. \$1.50, per 100 \$9.00.

Houghton's Seedling. Medium, pale red, vigorous. Two years, per doz. \$1.50, per 100 \$9.00.

Industry. Although a foreign sort, it has done admirably, being a vigorous grower and an immense yielder, and showing no signs of mildew. We confidently recommend it for the garden, being unequalled for size, flavor, productiveness and vigorous growth. Color dark red. Each 25c., per doz. \$2.00.

RASPBERRIES.

Plant in rows five to six feet apart, two to four feet apart in the row. Cut the tops off within a few inches of the ground when planted. Pinch the vigorous young shoots several times during the summer; they will then grow stout enough to stand without staking.

Cuthbert. Large, firm, deep, rich crimson, of excellent quality; perfectly hardy and very productive. Per doz. 50c., per 100 \$3.00.

Philadelphia. Dark crimson; a variety grown for market, on account of its hardness and productiveness. Per doz. 75c., per 100 \$3.00.

Gregg. A large black variety; fruit firm, of excellent quality and a good shipper. Per doz. 75c., per 100 \$3.00.

HARDY GRAPE VINES.

Very strong two-year-old roots, true to name.

Catawba. A very good keeper; red, sweet and rich, with pleasant flavor. Does best against buildings. Each 25c., per doz. \$2.50, per 100 \$12.50.

Concord. One of the most profitable of all hardy grapes. Bunch and berry large; black, juicy and sweet. Each 25c., per doz. \$2.50, per 100 \$10.00.

Duchess. Medium size; greenish white; excellent quality; compact bunch. Ripens with Concord. Each 25c., per doz. \$2.50, per 100 \$12.50.

Lady. Bunch compact and of good size; berry yellowish green; flavor sweet, rich and sprightly. Each 25c., per doz. \$2.50, per 100 \$12.50.

Martha (White Concord). Large; pale yellow; strongly resembles the Concord in all points except color; hardy and vigorous. Each 25c., per doz. \$2.50, per 100 \$12.50.

Moore's Early. Bunch and berry round and large; black, with a heavy blue bloom. Each 25c., per doz. \$2.50, per 100 \$12.50.

Niagara. Bunches very large and very compact; berries large, light greenish white, skin thin, but tough, and does not crack; quality good. Each 50c., per doz. \$4.50.

Salem (Roger's No. 22). Large; bright reddish brown; fine, rich, aromatic flavor. Each 25c., per doz. \$2.50, per 100 \$12.50.

We also have some extra strong vines of the above sorts at 50c. each, per doz. \$5.00.

Strawberry Plants, all the leading sorts. Pot-grown plants ready August 1.

CATALOGUE WILL BE MAILED TO ALL CUSTOMERS AND APPLICANTS.

HEDGE PLANTS.

CALIFORNIA, OR JAPAN PRIVET.

An exceedingly beautiful, nearly evergreen shrub; pyramidal form; very vigorous and hardy; leaves deep green, bright and very glossy; bears spikes of fine, white flowers in June; highly ornamental. This is decidedly superior to all other plants for hedges. Especially adapted for hedges at the seashore; very easily transplanted. Beware of spurious kinds of privet which are being offered for the above and which are not nearly so desirable; ours are the genuine California, or Japan Privet (*Ligustrum Ovalifolium*). Most of them have been transplanted and are furnished with an abundance of fine fibrous roots, are well branched and are sure to give satisfaction.

1 year old, 1 to 2 feet high. Per 100 \$3.00, per 1000 \$27.00.
2 years old, 2 to 2½ feet high. Per 100 \$5.00, per 1000 \$40.00.
2 years old, 2½ to 3 feet high, extra fine. Per 100 \$6.00, per 1000 \$47.00.

BOOKS

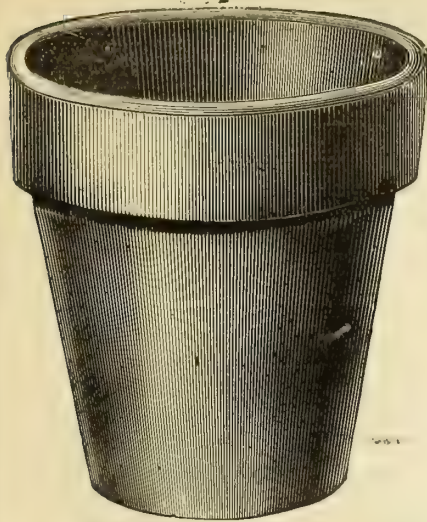
—ON—

Vegetables, Fruits, Flowers, Trees, Insects,
Birds and Bees, Poultry, Horses, Cattle
and Sheep.

Gardening for Profit. (Henderson)	\$2.00
Gardening for Pleasure. (Henderson)	2.00
Practical Floriculture. (Henderson)	1.50
Handbook of Plants. (Henderson)	4.00
Profit in Poultry	1.00
Grape Growers' Guide. Chorlton	.75
Chrysanthemum Culture	.60
Mushroom Culture. Robinson	.50
Mushroom Culture. Falconer	1.35
Bedding Designs. Solly	3.00

PRICE LIST OF "STANDARD" FLOWER POTS.

Please note the reduction in prices. Compare with others.



Sizes.	height and width inside	Per doz.	Per 100.	Per 1000.
1 3/4 in.	"	\$.07	\$.45	\$3.60
2 "	"	.08	.50	4.00
2 1/4 "	"	.09	.54	4.50
2 1/2 "	"	.10	.63	5.20
3 "	"	.11	.72	5.85
3 1/2 "	"	.16	1.04	8.35
4 "	"	.18	1.22	9.90
4 1/4 "	"	.22	1.35	10.60
4 1/2 "	"	.24	1.44	11.25
5 "	"	.30	2.03	16.20
5 1/2 "	"	.43	2.80	22.50
6 "	"	.51	3.38	27.00
6 1/2 "	"	.65	4.21	33.75
7 "	"	.76	5.04	40.50
8 "	"	1.08	7.02	56.25
9 "	"	1.88	12.38	99.00
10 "	"	2.17	14.36	114.75
11 "	"	2.98	19.67	157.50
12 "	"	3.40	22.50	180.00
14 "	"	5.25	34.88	279.00

We can also supply Keller Bros.' Norristown Standard Pots. Prices on application.

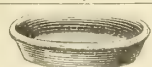
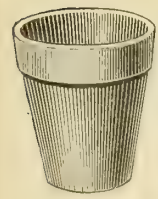
6 supplied at dozen rates. 50 supplied at 100 rates. 500 supplied at 1000 rates.

ADVANTAGES:—1. Uniform size throughout the country. 2. Breakage is not one-half as great as in other pots, the deep rim protecting them from any ordinary hard usage. 3. The foot keeps the pot up from bench, so that it is impossible for hole to become clogged. The concave bottom and large hole insures perfect drainage.

These pots are full inside measurement, height and width, which makes them at least one size larger than by the old way of measuring.

HAND-MADE POTS.

	Per doz.	Per 100.	Per 1000.
4 in. diam. . .		\$1.35	\$11.00
4 1/2 " . . .		1.60	12.50
5 " . . .		2.25	18.00
6 " . . .	\$0.56	3.75	30.00
7 " . . .		84	5.60
8 " . . .		1.17	7.80
9 " . . .		2.06	13.75
10 " . . .		2.38	15.95
11 " . . .		3.28	21.85
12 " . . .		3.75	25.00
14 " . . .		5.81	38.75



FLOWER-POT STANDS OR SAUCERS.

	Per doz.	Per doz.	Per doz.
3 inches . . .	\$0.15	7 inches . . .	\$0.40
4 " . . .	.20	8 " . . .	.50
5 " . . .	.25	9 " . . .	.80
6 " . . .	.30	10 " . . .	1.00
		11 inches . . .	\$1.20
		12 " . . .	1.45
		14 " . . .	1.70

ROUND LILY PANS.

	Per doz.
8 inches wide x 4 inches high	\$1.50
10 " " " x 5 " " "	2.00
12 " " " x 6 " " "	2.50
14 " " " x 7 " " "	3.00
16 " " " x 8 " " "	3.50
18 " " " x 9 " " "	4.25

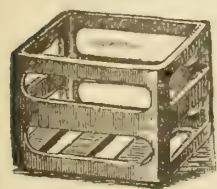
SQUARE SEED PANS.

6 inches x 6 inches . . . per doz.	\$2.00
8 " x 8 " . . . " "	2.40
10 " x 10 " . . . " "	3.00
12 " x 12 " . . . " "	3.75



ORCHID BASKETS (Earthenware.)

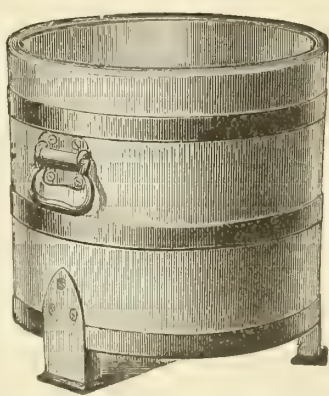
Square, 4 in., each 25c., per doz.	\$2.50
" 6 " " 30c., " "	3.00
" 8 " " 35c., " "	3.50
Round 6 " " 25c., " "	2.50
" 8 " " 35c., " "	3.50
" 10 " " 45c., " "	4.50



WOOD ORCHID BASKETS.

6 in.	40c.	8 in.	55c.
10 "	70c.	12 "	85c.

IMPROVED WHITE CEDAR PLANT TUBS.

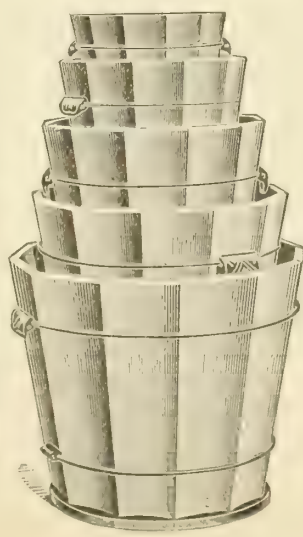


Made of white cedar, bound with extra heavy iron hoops. Drop handles of special pattern, serving as hooks. Substantial iron feet of original design. Removable perforated bottoms. Painted green outside and brown inside.

No.	Outside diam.	Length of Stave.	Price.
0 . . .	27 in.	24 in.	\$6.50
1 . . .	25 " "	22 " "	5.50
2 . . .	23 " "	20 " "	4.50
3 . . .	21 " "	18 " "	3.75
4 . . .	18 " "	16 " "	3.25
5 . . .	16 " "	14 " "	2.75
6 . . .	14 " "	12 " "	2.50
7 . . .	13 " "	11 " "	2.25
8 . . .	12 " "	10 " "	2.00

COLUMBIA PLANT TUBS.

We have had numerous demands for lower-priced tubs, and we find these quite suitable, ornamental and durable.



12 inches diameter x 11 inches high	\$1.25
15 inches diameter x 14 inches high	1.75
18 inches diameter x 16 1/2 inches high	2.25
21 inches diameter x 18 1/2 inches high	2.75
24 inches diameter x 20 1/2 inches high	3.25

INSECT DESTROYERS.

Bordeaux Mixture. For black rot, downy mildew, and anthracnose of grapes, potato blight, potato rot, leaf blight of cherry, pear, quince and other fungus diseases. Twenty-pound packages (fifty gallons wash), \$1.00 per package.

Copperdine. For black rot, carnation rust and anthracnose of the grape, pear leaf blight, apple scab and powdery mildew. One-gallon cans (makes 100 gallons wash), per qt. 50c., per gal. \$1.50.

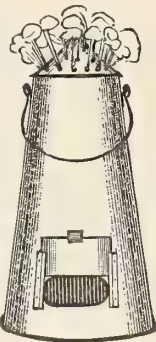
Dalmatian or Persian Powder. Pure. $\frac{1}{4}$ lb. 15c., $\frac{1}{2}$ lb. 25c., lb. 45c.

Fir Tree Oil. For destroying insects, such as mealy bug, red spider, scale, thrip, green fly, etc. Full directions with each can. Gallon \$4.50, half-gallon \$2.25, quart \$1.25, pint 75c., half-pint 50c., small bottle 25c.

Fir Tree Oil Soap. Per can, 25c. and 50c. each.

The "New Model" Fumigator. Manufactured by a practical gardener; safest and best fumigator in the market. No. 1, \$3.00 each; No. 2, \$4.00 each; No. 3, \$5.00 each.

The Eureka Fumigator. Apparatus for the fumigation of greenhouses, conservatories, poultry-houses, etc. It is of simple construction, and not liable



to get out of order. When once lit it is self-acting, and may be left with perfect safety; all material is completely consumed without waste, and gives off a dense smoke. Made of extra heavy sheet iron.

No. 1. Height 12 in. For a house 10 x 20 ft. Holds $\frac{1}{2}$ peck of stems. \$1.25.

No. 2. Height 16 in. For a house 12 x 40 ft. Holds 1 peck of stems. \$2.00.

No. 3. Height 20 in. For a house 15 x 100 ft. Holds $\frac{1}{2}$ bushel of stems. \$2.50.

No. 4. Height 24 in. For a house 20 x 100 ft. Holds $\frac{3}{4}$ bushel of stems. \$3.50.

Fostite. Prevents mildew. Five lbs. 50c., twenty-five lbs. \$2.00.

Gishurst's Compound. Extensively used in England, on the Continent and in this country, for preventing and destroying green fly, mildew, thrip, mealy bug and scale. Box 50c., by mail 65c., three-lb. box \$1.00.

Grape Dust. Best remedy for mildew. Five-lb. packages 35c.

Hellebore. For destroying rose slugs. With directions. Lb. 25c., $\frac{1}{2}$ lb. 15c.

Kerosene Emulsion. For plant lice of any kind, cabbage worms, scale, insects on apple, pear, orange, lemon and other trees. Five-gallon buckets (makes seventy-five gallons wash), \$1.25 per bucket.

Kill M Right. Two-lb. can 50c., five-lb. can \$1.20, ten-lb. can \$2.25, twenty-lb. can \$4.00.

Lemon Oil. This new Insecticide has had for some time a marvellous success in England; perfectly safe and harmless to the tenderest foliage and roots. It effectually destroys mealy bug by syringing or dipping. It also destroys scale, thrip, red spider, black and green fly, caterpillar, American blight, mildew, &c. Half-pint 25c., pint 40c., quart 75c., half-gallon \$1.25, gallon \$2.00, 5-gallon kegs \$9.00, 10-gallon kegs, \$17.50.

London Purple. Cheaper and less dangerous than Paris green. Lb. 20c., 5 lbs. 90c. Special price on larger quantity.

Pinner's Tobacco Soap. For destroying insects, parasites and their eggs, infesting either plants or animals. Lb. 40c.

Pure Paris Green. Lb. 30c., 5 lbs. \$1.25, 25 lbs. 23c. per lb.

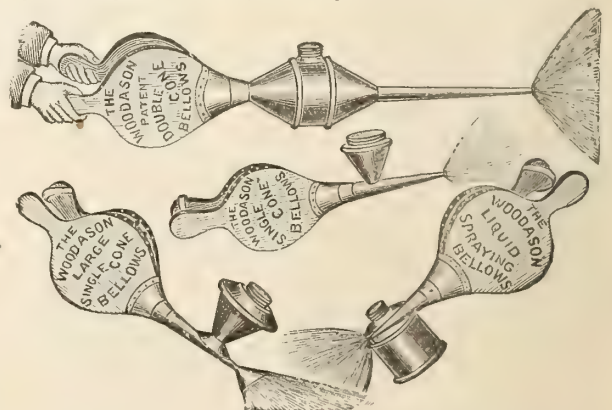
Slug Shot. 5 lbs. 25c., 100 lbs. \$4.25. Bulk, in barrels weighing about 225 lbs., $3\frac{3}{4}$ c. per lb.

Sulphur. A preventive and cure for mildew. Lb. 6c., 10 lbs. 50c., 100 lbs. \$4.00.

Tobacco Dust. Cheaper than snuff and quite as effectual. Sure remedy for green fly. Five-lb. package 25c., 100 lbs. \$3.50.

Tobacco Stems. For fumigating. Received fresh every week. Lb. 10c., bbl. \$1.00, bales of about 250 lbs. \$2.00.

Whale Oil Soap. For destroying and preventing insects on plants, trees, vines, etc.; for washing down the bark of trees, grape vines, etc. In cans, with directions, 20c., 35c. and 50c.; in bulk, 10 lbs. 90c.



FOR APPLYING THE INSECT DESTROYERS.

Large Double Cone Bellows. Each \$3.00.

Large Single Cone Bellows. Each \$2.00.

Small Single Cone Bellows. Each \$1.00.

Liquid Spraying Bellows. Each \$1.00 and \$2.00.

Sulphur Bellows. Each \$1.50.

POULTRY SUPPLIES.

Pratt's Food. Will make hens lay all the year, and is excellent for feeding to young chicks. For large fowls mix 1 ounce with the food for 15 or 20. For 15 or 20 chicks give one-half ounce every other day. 1½-lb. pkg. 25c., 5-lb. pkg. 60c.

Imperial Egg Food. For making hens lay winter and summer; keeps the fowls in the best condition. 1-lb. pkg. 50c., by mail 65c., 2½-lb. pkg. \$1.00, by mail \$1.40, 6-lb. pkg. by express \$2.00, 25-lb. keg by express \$6.00.

Sheridan's Condition Powder. Well recommended by all leading poultry dealers. 4-oz. pkg. 25c., 2¼-lb. can \$1.00; mailing 15c. per lb.

Chick Manna, or Food for Little Chicks. Specially prepared for little chicks when first hatched. Should be the first and only food, and continued for 10 or 12 days before feeding anything else. Directions for feeding on each package. 1-lb. pkg. 10c., by mail 25c., 5-lb. pkg. 40c., 60-lb. box bulk \$4.20.

Fresh-ground Oyster Shell. This is the finest article to feed for shell making. 5 lbs. 15c., 25-lb. bag 40c., 100 lbs. \$1.00, 200 lbs. \$1.75, per barrel \$3.00, ton \$12.00.

Prepared Meat for Poultry. This is prepared with great care. It is the finest thing we know of to cause hens to lay during the winter; extremely profitable to feed. 50 lbs. \$1.50, 100 lbs. \$2.50, 500 lbs. \$12.00, ton \$42.00.

Canada Field Peas. Per qt. 20c., peck 50c., bu. \$1.75, 10-bu. lots \$1.50 per bushel.

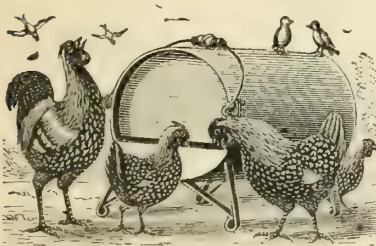
Granulated Bone. The use of ground bone tends to keep fowls in good health, and materially aids laying hens. 5-lb. pkg. 25c., 25 lbs. \$1.00, 100 lbs. \$2.50, 200-lb. bag \$4.00.

Sunflower Seed. One of the best egg-producing foods known for poultry. It can be sown any time up to the middle of July, alongside of fences, and in almost any kind of soil. Per qt. 10c., by mail 20c., peck 50c., bu. \$1.75.

Buckwheat. For pigeons and young poultry. Per qt. 10c., peck 40c., bu. \$1.25.

Hemp Seed. Used largely for feeding birds and pigeons. Per qt. 15c., peck 60c., bu. \$2.00.

Nest Eggs. Porcelain, 3c. each, 30c. per doz. Medicated, 4c. each, 40c. per doz.



CLIMAX DRINKING FOUNTAIN FOR FOWLS.

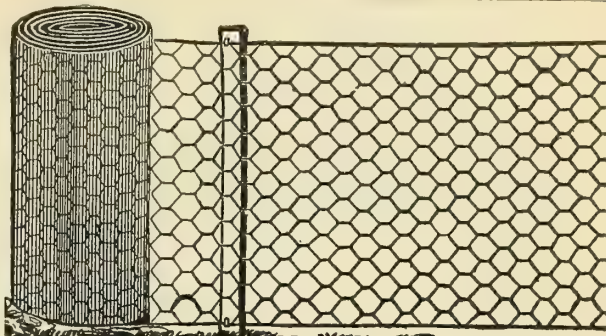
We carry a large assortment of the best drinking founts. 25c. to \$1.00 each.

Wigmore's No. 1 Caponizing Set.

Set consists of one fine steel knife and forceps, one nickel-plated spreader, improved German-silver cutting and twisting scoop, with fine hook on opposite end, one fine German-silver probe, and four German-silver hooks attached to cords for quickly securing the fowl. In box \$2.50, in case \$2.75. Book on "Practical Caponizing and How to Make Poultry Pay" free.

French Poultry-killing Knife.

The most expeditious and humane way of killing and dressing poultry is by using the French knife. Made of the finest steel. Price, with full instructions, 50c. each.



GALVANIZED WIRE NETTING.

Best quality, extra strong, well galvanized; made of No. 19 wire.

The best thing for making poultry yards; better looking and cheaper than laths, and permits more light and air to enter.

12 inches wide, per bale of 150 lineal feet	\$.90
18 " " " " 150 "	1.40
24 " " " " 150 "	1.90
30 " " " " 150 "	2.30
36 " " " " 150 "	2.80
42 " " " " 150 "	3.25
48 " " " " 150 "	3.60
60 " " " " 150 "	4.50
72 " " " " 150 "	5.40

Any required length cut from above sizes at 1c. per square foot.

Galvanized staples for fastening, 12c. per lb.

MANN'S STANDARD BONE CUTTER.

No. 2. Weight 142 Lbs.

THE SIMPLEST AND MOST ECONOMICAL MACHINE that can be made for converting green bones, with the meat and gristle attached, into poultry food.



The machine weighs 142 pounds.

The knives are made of the finest tool steel, and can be easily removed and sharpened when necessary.

Capacity, ½ lb. to 1 lb. per minute.

The above cut represents our latest improved hand machine.

It is the same as pictured on cover of this catalogue, and the one always exhibited by dealers. The manufacturer also selects this machine for his agents' use at all the agricultural poultry exhibitions.

We recommend this size and style for

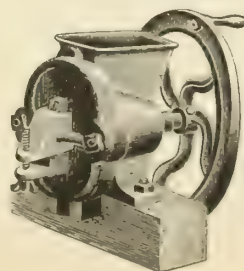
all who have a limited number of fowl.

OUR PRICE, \$18.00.

OYSTER SHELL AND DRY BONE MILL.

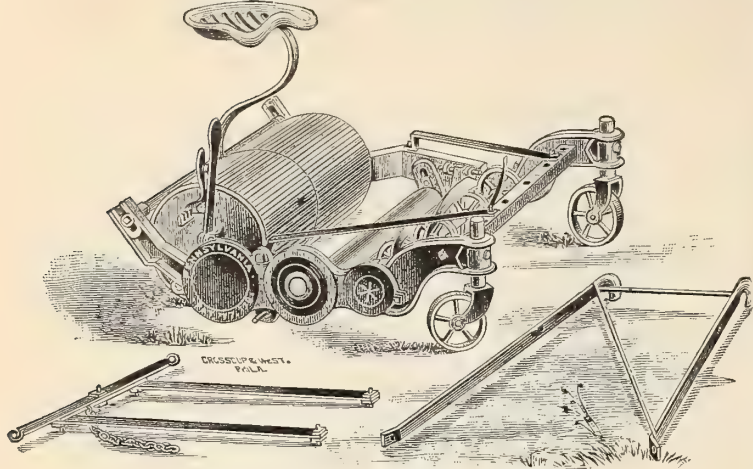
WEIGHT, 39 LBS.

PRICE, \$5.00.



This mill is adapted for grinding oyster shells, dry bones, corn, meal, etc., and, by means of a regulating wedge on the back, can be made to grind to any desired fineness.

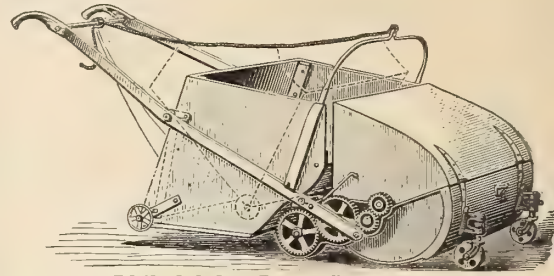
LAWN MOWERS, ROLLERS, ETC.



"Pennsylvania" Horse Lawn Mower.

The best and lightest running.

Open cylinder, with draft irons only	\$65.00
" " " " " and seat	70.00
" " " " " shaft and seat	75.00

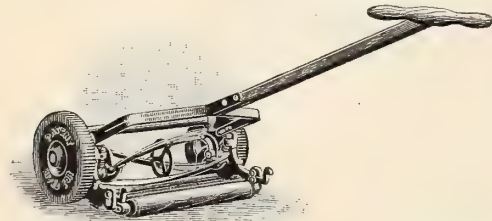


Philadelphia Lawn Sweeper.

A simple machine for cleaning the lawn. A driving roller gives motion to a revolving brush placed directly in front, causing it to sweep the sod clean and throw the sweepings backward from the top of the brush into a large box in the rear of the roller. The box can be dumped without stopping. Sweeps 40 inches wide, \$52.50.

"Philadelphia" Horse Lawn Mower.

30-inch	\$62.50
36-inch	price on application.



New Pony Lawn Mower.

Width of cut, 25 inches \$28.00

WE ARE HEADQUARTERS FOR LAWN MOWERS, AND CANNOT BE UNDERSOLD.

Horse Boots for Lawn.

Extra well made; will outwear two sets of cheap boots. \$8.00 per set of four.

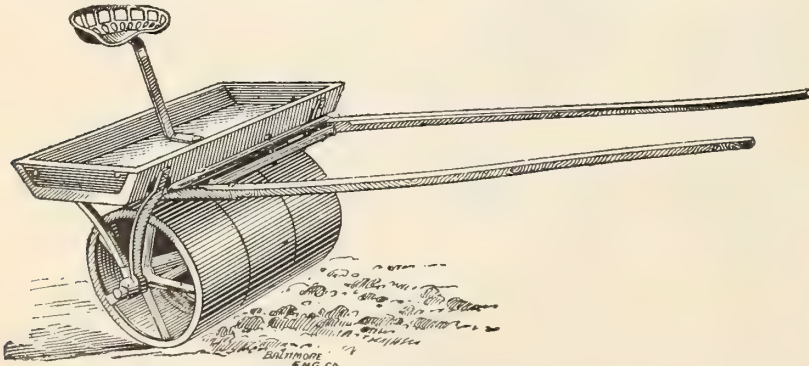
Braun Grass Catcher.

Suitable for Pennsylvania, Continental, Great American and New Quaker City Lawn Mowers.	Suitable for Pennsylvania and Continental High Wheel Lawn Mowers.
10-inch each, \$1.40	15-inch, pony . . . each, \$1.70
12 " " 1.50	17 " " " " 1.80
14 " " 1.60	19 " " " " 1.90
16 " " 1.70	21 " " " " 2.00
18 " " 1.80	25 " " " " 2.50

The "New Departure" Lawn Mower.

Pennsylvania and Continental.

No Sharpening.	No Setting.	10-inch, low wheel . . . \$5.50
10-inch cut	\$3.25	12 " " " . . . 6.50
12 " "	3.50	14 " " " . . . 7.30
14 " "	3.75	16 " " " . . . 8.25
16 " "	4.25	18 " " " . . . 9.25
Philadelphia.		15 " high " . . . 10.50
10-inch	\$4.75	17 " " " . . . 11.50
12 "	5.25	19 " " " . . . 12.50
14 "	6.00	21 " " " . . . 13.75
16 "	7.00	
18 "	7.50	



Wrought Iron Lawn and Field Rollers.

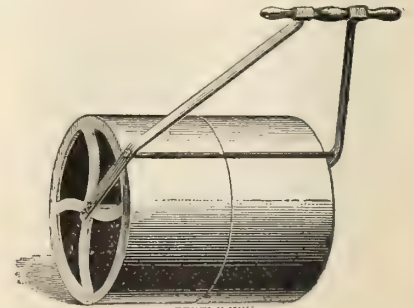
These rollers are all made of the best wrought iron, and filled with concrete to give them additional weight, and are preferable to cast iron, as they are not so liable to break.

24 in. diam., 30 in. long, weight about 450 lbs.	\$39.00
28 in. diam., 36 in. long, weight about 550 lbs.	43.00

With Sections Loaded for Road and Lawn Purposes.

24 in. diam., 30 in. long, weight about 700 lbs.	\$43.00
28 in. diam., 36 in. long, weight about 900 lbs.	46.00

Field and Lawn Cast Iron Sectional Rollers. Prices furnished on application.



Wrought Steel Garden and Lawn Rollers.

Made of the best wrought steel, and filled with concrete to give them additional weight.

10 in. diam., 13 in. long, weight about 130 lbs.	\$7.00
12 in. diam., 18 in. long, weight about 200 lbs.	8.75
14 in. diam., 21 in. long, weight about 300 lbs.	10.00

ROLLERS SUBJECT TO CASH DISCOUNT UPON APPLICATION.

PLANT BED-CLOTH.



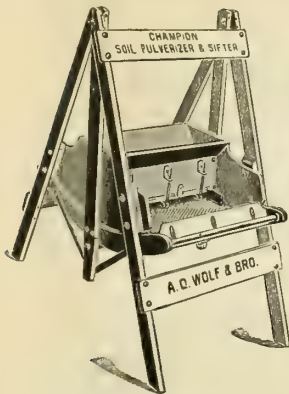
A Substitute for Glass Sash on Hotbeds and Cold-frames.

This will be found an excellent substitute for glass (at one-tenth the cost) in protecting all kinds of seeds and plants on which glass sashes are used in *early spring*. It is safer in fact than glass, as it protects at night, while the temperature is not raised too high during the day—as is the case with glass sashes unless great care is given in ventilating—and being light and portable, it can be sent into sections where it would be difficult to get sash. The patent treatment given the cloth fills the threads and fibres and preserves them from decay, and also renders it tougher, heavier and stronger, and prevents it from shrinking after getting wet, and to some extent sheds rain. We furnish this cloth in one-yard widths, and in any number of yards desired, as follows:

LIGHT GRADE—mostly used in the South for tobacco beds, and in the North for shading greenhouses. Per yard 4½c., by the piece of 68 yards 3½c. per yard.

MEDIUM GRADE—the best for general purposes. Per yard 8c., by the piece of 50 yards 7½c. per yard.

HEAVY GRADE—waterproof, and advised for States north of Pennsylvania. Per yard 10½c., by the piece of 40 yards 9¾c. per yard.



WOLF'S SOIL SIFTER.

The best labor-saving machine yet introduced. It is used by the leading florists and gardeners, who claim that it is indispensable.

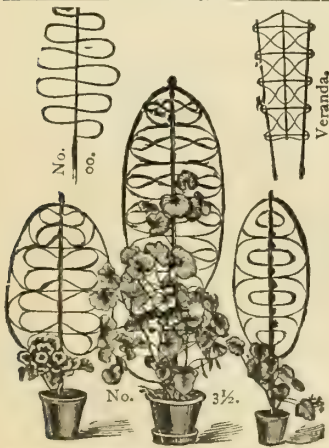
Price, with a one-inch and a half-inch mesh sieves, \$25.00.

BROADCAST SEED SOWERS.

Price \$2.00 to \$4.00.

CRYDER'S FRUIT PICKER.

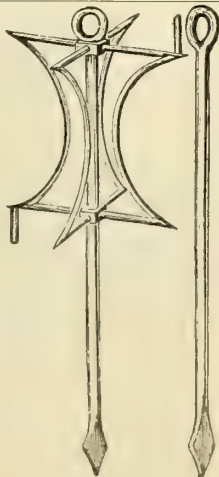
Price 65c.



TRELLISES.

For Training Vines.

Each 15c. to \$1.00.



GARDEN REELS.

Galvanized, \$1.50 and \$2.50 each.

GARDEN LINE.

30c. to 60c. per hank.

PLOWS.

SOUTH BEND PLOWS.

'A,' one-horse, \$5.50; 'B,' one-horse, \$7.00; 'C,' two-horse, \$12.00.

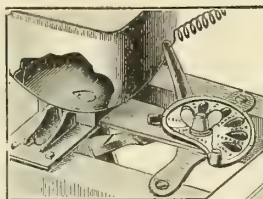
We carry a large stock of plows of other makes, also parts for same.

BATEMAN'S HAND PLOW.

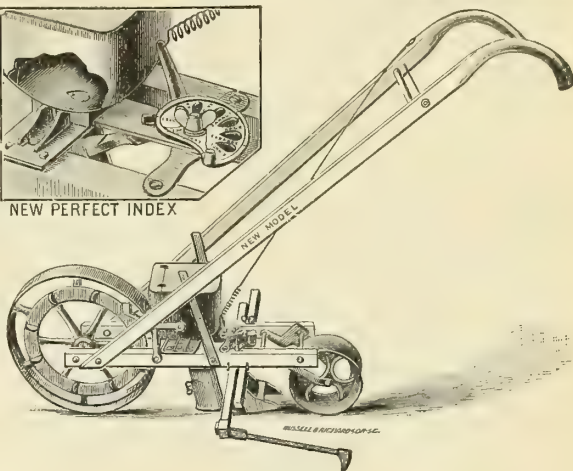
Price, \$1.00.

"FIRE-FLY" HAND WHEEL GARDEN PLOW.

Price \$2.00.



NEW PERFECT INDEX



MODEL SEED DRILL.

One of the most salable drills. Price \$6.00.

DIAMOND TOOTH HARROW.

Price \$4.50.

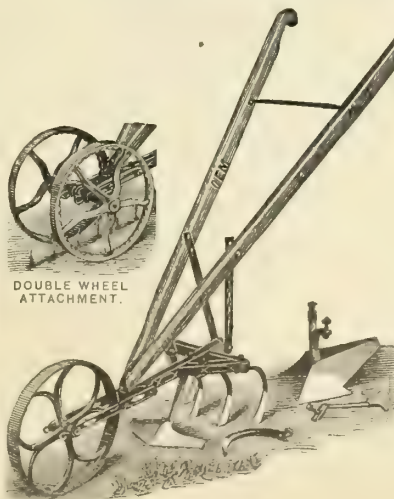


GEM SINGLE WHEEL HOE AND CULTIVATOR.

Five steel teeth, two scuffle hoes, and two plows, one right and the other left hand. The hoes, etc., can be set in any position. Wheel and handles, \$4.50.

GEM DOUBLE WHEEL HOE AND CULTIVATOR.

Same as above, except that it has two wheels, which allow to work both sides at once. \$5.00.

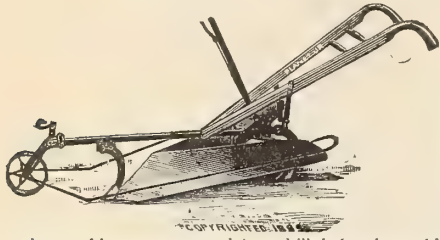


DOUBLE WHEEL ATTACHMENT.

THE PLANET JR. HORSE AND HAND IMPLEMENTS.

PRICES VERY MUCH REDUCED.

The Planet Jr. Double Celery Hiller.



Since the season of 1888, when we first made and sold a few Celery Hillers, they have come into general use, and are now commonly considered indispensable in celery growing. The leaf lifters are of great value in nearly all workings. Adjustable in height to suit the work. Some of

our best and largest growers claim to hill their celery with this tool **without any handling whatever.** We make both single and double Hillers; both with lever expanders.

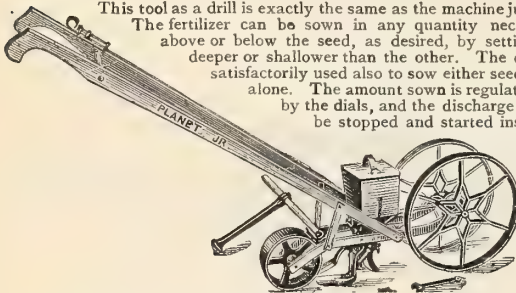
The hilling blades are forty-three inches long, and are adjustable in height at the heel by means of a slotted piece, necessary as the hilling becomes higher.

PRICE, \$9.00.

The Planet Jr. Hill Dropping and Fertilizer Drill.

This tool as a drill is exactly the same as the machine just described.

The fertilizer can be sown in any quantity necessary, either above or below the seed, as desired, by setting that plow deeper or shallower than the other. The drills may be satisfactorily used also to sow either seed or fertilizer alone. The amount sown is regulated accurately by the dials, and the discharge of both may be stopped and started instantly, either

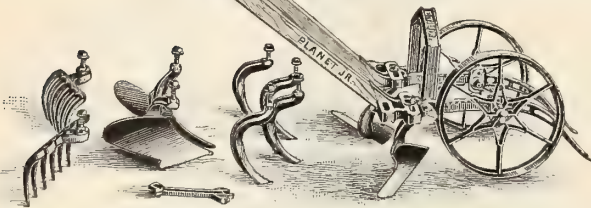


separately or together; thus avoiding all loss at the ends of the row. The fertilizer hopper holds one peck.

PRICE, \$13.50.

The Planet Jr. Double Wheel Hoe, Cultivator, Rake and Plow.

This tool is the best for all who raise onions or garden vegetables on an extensive scale. It does the work of six to ten men with ordinary hand hoes. It can be used to straddle the row, or between rows, as desired. It has all the attachments shown in cut. The rakes level the ground for planting, gather stones and trash, cultivate, cover seeds, etc. The hoes cut loose and clean, killing everything they meet, leaving the ground level. The cultivator teeth mellow the soil deep or shallow, and are useful for marking out. The plows lay out deep furrows and



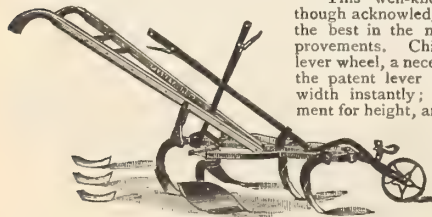
cover them, hill up or plow away, as desired. The leaf guards allow cultivation of large plants, such as beets, carrots, parsnips, beans and peas. No vegetable grower can afford to be without it. It will do the work of six men with ordinary hand hoes.

PRICE, COMPLETE, \$6.00.

PLAIN DOUBLE WHEEL HOE.—To meet a demand from some sections, the Planet Jr. Double Wheel Hoe will be offered with only one pair of hoes and without leaf guards, as the Planet Jr. Plain Double Wheel Hoe, at \$3.50. This makes a very effective and cheap tool for parties who have limited work or chiefly hoeing.

The Planet Jr. No. 6 Horse Hoe.

This well-known and popular tool, though acknowledged for years past to be the best in the market, has striking improvements. Chief among these are the lever wheel, a necessity for particular work; the patent lever expander, changing the width instantly; and the handle adjustment for height, and also sideways for use



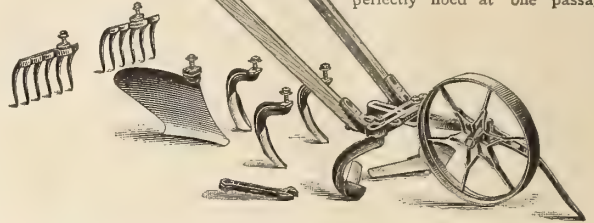
in grapes, pole beans, blackberries, nursery stock, etc., and when covering. It also has the patent parallel frame, interchangeable and adjustable hollow steel standards, reversible blades, sleeved bolt holes, etc. As a horse hoe with side teeth reversed, it cuts close to the row without injury to the roots, leaving but little and in many cases nothing for the hand hoe.

PRICE, \$8.00.

The Planet Jr. Single Wheel Hoe, Cultivator, Rake and Plow Combined.

This tool combines lightness, great strength, variety and adjustability of tools. It has all the tools shown in the cut. It is pronounced by practical men without an equal in design and finish, ease of operation, variety of adjustment and perfection of work. The form of the hoes insures a forward slanting cut next to the plant, and consequent close work without danger, and at the same time thorough cultivation of the soil. The rakes and cultivator teeth, in combination with hoes and plow, enable operator to perform almost every variety of work, either in field or garden.

A leaf guard (detachable) is very useful in late hoeing. All rows from six to eighteen inches apart can be perfectly hoed at one passage.

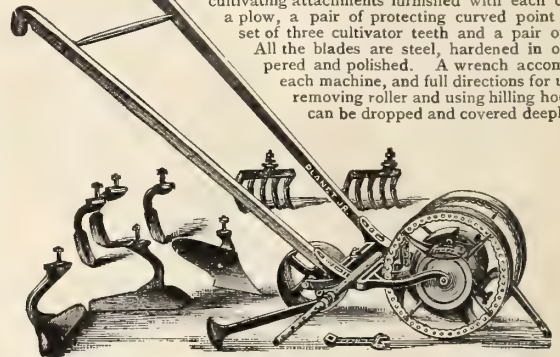


The same allows every desirable adjustment, is quickly raised or lowered to regulate depth, and the wheel can be attached centrally or at one side of the machine, giving the operator the important advantage of hoeing both sides of the row at one passage when desired.

PRICE, \$4.50.

The Planet Jr. Combined Drill, Wheel Hoe, Cultivator, Rake and Plow.

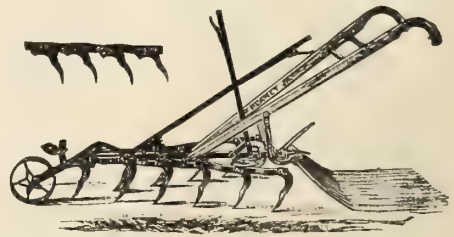
It is without doubt the very best machine made. The cultivating attachments furnished with each drill are a plow, a pair of protecting curved point hoes, a set of three cultivator teeth and a pair of rakes. All the blades are steel, hardened in oil, tempered and polished. A wrench accompanies each machine, and full directions for use. By removing roller and using hilling hoes, seed can be dropped and covered deeply.



It can be seen that it is an excellent sower. It is a first-class double wheel hoe while plants are small; it is a first-class single wheel hoe; it is an excellent wheel scuffle hoe; it opens furrows for corn, beans and potatoes, and covers them; it is an admirable wheel cultivator. Weight, packed, 40 lbs.

PRICE, \$9.00.

The Planet Jr. Twelve Tooth Harrow.



For fine cultivation, either deep or shallow, this tool has no equal. The recurved throat and high frame prevents clogging. The work done 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, complete, \$9.00; without Pulverizer, \$7.50.

The Firefly Wheel Garden Plow.

An indispensable tool for the garden. Can be set shallow or deep.

PRICE, \$2.00.

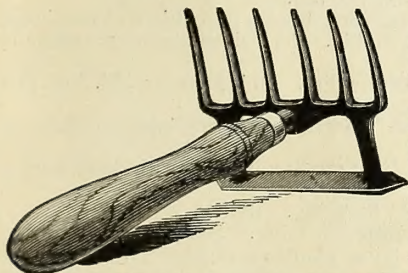
These are the most popular and satisfactory tools made for garden and field use. We can show but a portion of them and only partially describe them here, but we shall be glad to send our special Planet Jr. Catalogue, containing full description and fifty illustrations, free to all who will write for it.



WOODASON'S LIQUID BELLOWS.
Makes a spray as fine as dew. Price \$2.00.

THE COMBINATION WEEDER.

The Latest! The Simplest! The Best Weeder! Equaled by None! Superior to All!



Combining, as it does, both the rake and hoe, it is the most serviceable, durable and the most perfect weeder on the market.

It is especially adapted to cutting weeds and grass, shallow cultivation and stirring of the soil of all garden crops and flower beds. It is neatly and strongly made, of malleable iron (tinned), and the blade of the best spring steel sharpened on both edges, which allows weeding close to the plants, and IS OFFERED

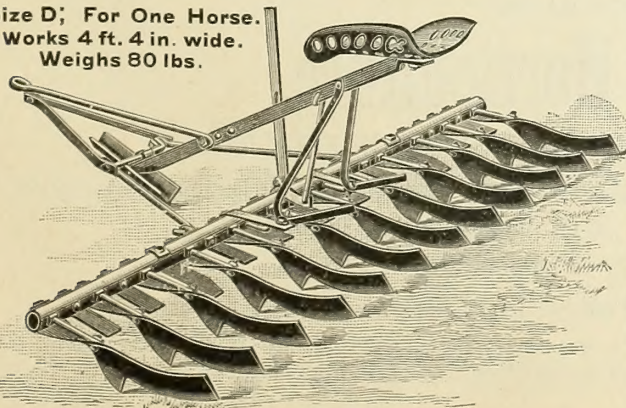
AT THE SAME PRICE AS OTHER WEEDERS. The manufacturers guarantee every Weeder to give satisfaction to the purchaser or refund the price paid. Each 30c.

"ACME"

PULVERIZING HARROW, CLOD CRUSHER AND LEVELER.

Pre-eminently adapted to the preparation of wheat ground when the drill is used, for covering seed when broadcasted, and for working summer fallow.

Size D; For One Horse.
Works 4 ft. 4 in. wide.
Weights 80 lbs.



Price \$14.00



LEGGETT'S PARIS GREEN OR DRY POWDER GUN.
PRICE, \$7.00.

LANG'S HAND WEEDER

HANDIEST TOOL



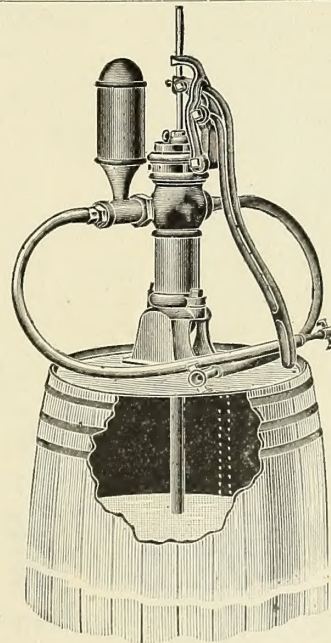
30¢
By Mail
PREPAID

GRIFFIN'S PRACTICAL WEEDER.

The best adjustable weeder for the gardener and florist. Price, 35c. and 40c. each.

SPRAY PUMP.

A Spray Pump which has many admirers and is widely used for orchard service. It is a cheap but very serviceable pump. Like other spray pumps, it has a *brass-lined cylinder*, the importance of which is paramount. It is provided with an ample air chamber, and is altogether a very satisfactory pump for a farmer to own. Prices *do not* include barrel.



Knapsack and
Excelsior Sprayers.
Excellent for a small
orchard. \$9.00 each.

Sizes, Prices, Etc.

Fig. 973.	Dia. Cyl.	Stroke.	Suc-tion.	Double Dis.	Cipher.	Price.
Pump Only . .	2½ in.	2½ in.	1 in.	½ in.	Zonu e.	\$9.50
OUTFIT A, FOR Single Spray. .	Fig. 973. Spray Pump with 2½ ft. 1-in iron suc. pipe, with brass strainer and one lead of 10 ft., ½-in. discharge hose with Masson (or other, spray nozzle.				Water ret.	13.50

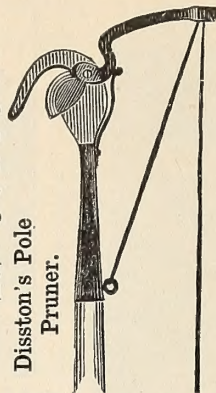
SHEARS AND PRUNERS.



From 4 to 14 ft.
long.

4-ft. pole,	\$1.00
6 " "	1.10
8 " "	1.25
10 " "	1.40
12 " "	1.60

Extra cutting blades by mail 30c.



Disston's Pole Pruner.

Disston's Little Giant Pruner.

Price \$1.00, with saw \$1.30.

German Hand Pruning Shears.

Steel blades, coiled steel spring, which cannot drop out. 8-inch 75c.

American Hand Pruning Shears.

Price 40c.

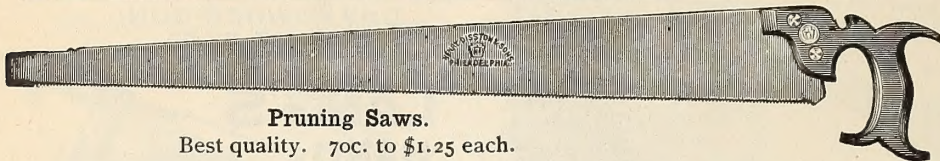
Hedge Shears.

Best quality, 8-inch	.....	\$1.50
" " 9 "	.....	1.75
" " 10 "	.....	2.00

The above sizes with notch 25c. extra.

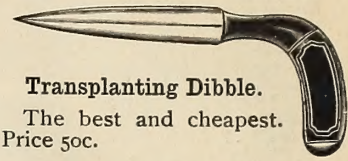
Pruning and Budding Knives.

A large assortment, 50c. to \$1.25 each.



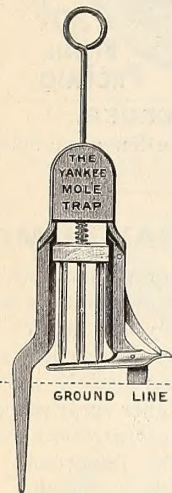
Pruning Saws.

Best quality. 70c. to \$1.25 each.



Transplanting Dibble.

The best and cheapest. Price 50c.



MOLE TRAPS.

Perfection,	.....	each,	\$2.25
Hale's,	.....	"	2.00
Novelty,	.....	"	1.25
Imported,	.....	"	.25

SUNDRIES.

Straw Mats. Extra well made. 3 x 6 feet, each 90c., per doz. \$9.50. 6 x 6 feet, each \$1.40, per doz. \$14.00.

Russian Mats. First quality. Per doz. \$2.00.

Sphagnum Moss. Green or live. Per bbl. \$1.50.

Green Moss. \$1.50 per bbl.

Peat Moss. For bedding horses or cattle and for absorbing the odors of the stable. Per bale of about 350 lbs. \$4.00, per ton \$20.00.

Jersey Peat. Best quality. Bbl. \$1.50, 15-bbl. lots \$1.25 per bbl.

Raffia. The best material for tying plants, vines, etc. Per bbl. 25c.

Grafting Wax. First quality, in bars, with directions for use. Per lb. 30c.

Twine. All sizes, for tying. Ball 15c.

White Cotton Twine, for tying. 25c. per lb.

Jute Twine, for tying plants or vegetables. 15c. per lb.

Tar Twine, for tying mats, fodder, etc. 10c. per lb., \$8.00 per 100 lbs.

Baskets, for use in garden, oak, 1/2-bu. 35c., 1-bu. 45c.; oak, iron-bound, 1-bu. 75c.

Propagating Sand. Extra clean. \$1.50 per bbl.

Cocoa Fibre. 80c. per bu.

WE RECEIVE SUBSCRIPTIONS FOR AMERICAN GARDENING.

AN ILLUSTRATED

Journal of Horticulture.

PUBLISHED THE SECOND AND FOURTH SATURDAY IN EACH MONTH.

Devoted to the Interests of the Amateur in the Garden, the Conservatory and the Home; the Fruit and Vegetable Grower; Trees, Shrubs and Flowers.

SUBSCRIPTION, \$1.00 a Year—includes twenty-four numbers.

We can highly recommend this paper to give practical information on all branches of gardening. Send your subscription (\$1.00) to us, and we will add free Two Gardening Clocks, which indicate the proper time to sow and plant all varieties of vegetables and flowers.

NEW ROSE,

Crimson Rambler.

Decidedly the "Sensation of the Century."

Never has a new Rose created such an excitement.

It is of vigorous growth, making shoots from 8 to 10 feet high in a season, and is consequently a most desirable climbing variety; when pegged down or grown as a bush, marvelous heads of bloom are the result. It is exceedingly hardy. As a pot-plant it is unequalled for decorative purposes.

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. The foliage is also retained to a great extent during the winter, making the plant almost an evergreen.

Gold Medal from National Rose Society,

Gold Medal from National Horticultural Society of France,

Gold Medal at Earl's Court Exhibition,

As well as numerous first-class certificates, have been awarded to this Rose.

It is in our opinion the most beautiful hardy Rose introduced for many years.—*Gardeners' Chronicle*. But above all, Mr. Turner shows what one enthusiastic gardener describes as "the jewel of the day."—*Daily Telegraph*.

Even rival horticulturists are enthusiastic about it. It is said that the stock is worth \$25,000 to its fortunate finder.—*Pall Mall Gazette*.

Crimson Rambler, at the National Horticultural Society of France, was awarded the gold medal as a new plant. As a proof of its persistency, it may be mentioned that when cut in proper condition *the flowers will remain fresh in water for two weeks.*—*Gardeners' Chronicle*.

300 Blooms on One Branch.

At this date (July 6), this is a grand Rose. I have a dozen plants on prepared land; did not prune much, merely shortened back, staked to support long growths, gave liberal mulch, and the clusters of bright crimson flowers at this date are beautiful. *On one shoot alone I counted over 300 blooms.*—G. Wythes, in *The Garden*, July 14, 1894.

Floral Decorations at Buckingham Palace.

On the occasion of the State concert at Buckingham Palace, on Monday evening, the decorations of the State rooms were carried out by Messrs. Wills & Seegar. In the picture gallery are four white marble fire-places, and in each of these Mr. Wills employed sprays of M. Turner's new Rose, *Crimson Rambler*, with brilliant foliage, ferns, etc. The Rose was seen to its advantage under the bright light. The combination was perfect and it was one of the happy inspirations which so exalt the art of the decorator.—*Gardeners' Chronicle*, London, July 14, 1894.

For grouping or massing it will be splendid, its brilliant color being just what is wanted, whilst for a wall or building it will be grand, not only on account of its rich crimson color, but also for its freedom of growth and continuous blooming qualities. The flowers resembling a well-grown Pelargonium, have a charming effect, and will be used largely for table decorations. It should also make a grand hedge plant.—*The Garden*. Price, 30c. each; \$3.00 per doz.; \$18.00 per 100.



SACALINE.

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