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PETER HENDERSON

PETER HENDERSON & CO'S

MANUAL OF

EVERYTHING

FOR THE

GARDEN



1884

PETER HENDERSON & CO.

Seedsman & Florists

Nos. 35 & 37 Cortlandt St. NEW YORK.

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PETER HENDERSON & CO.'S SPECIAL PRIZES

FOR

“Sunset” Rose and “White Plume” Celery.

We offer a Special Prize of \$50 for the best 12 buds of SUNSET ROSE, to be competed for on the first Tuesday in December, 1884, at the rooms of The New York Horticultural Society, 28th Street, near Broadway, New York City, divided as follows :

For the Best 12 Buds of Sunset.....	\$30.00
For the Second Best 12 Buds.....	20.00
For the Best Four Roots of White Plume Celery.....	15.00
For the Second Best Four Roots.....	10.00

The above competition is open to any one, whether a member of The New York Horticultural Society or not. Customers living at a distance from New York can, if they wish, send their flowers or celery roots to us, *expressage prepaid*, so that they will reach us the day before the exhibition, and we will see that they are entered for competition. These Special Prizes will be awarded by the Judges of the Horticultural Society, and not by us.

PETER HENDERSON & CO.,

JANUARY 10TH, 1884.

35 & 37 Cortlandt Street, New York.

PETER HENDERSON & CO'S SPECIAL PRIZES

"Sunset, Rose and White Plum" Gallery

... ..

... ..

... ..

PETER HENDERSON & CO.

... ..

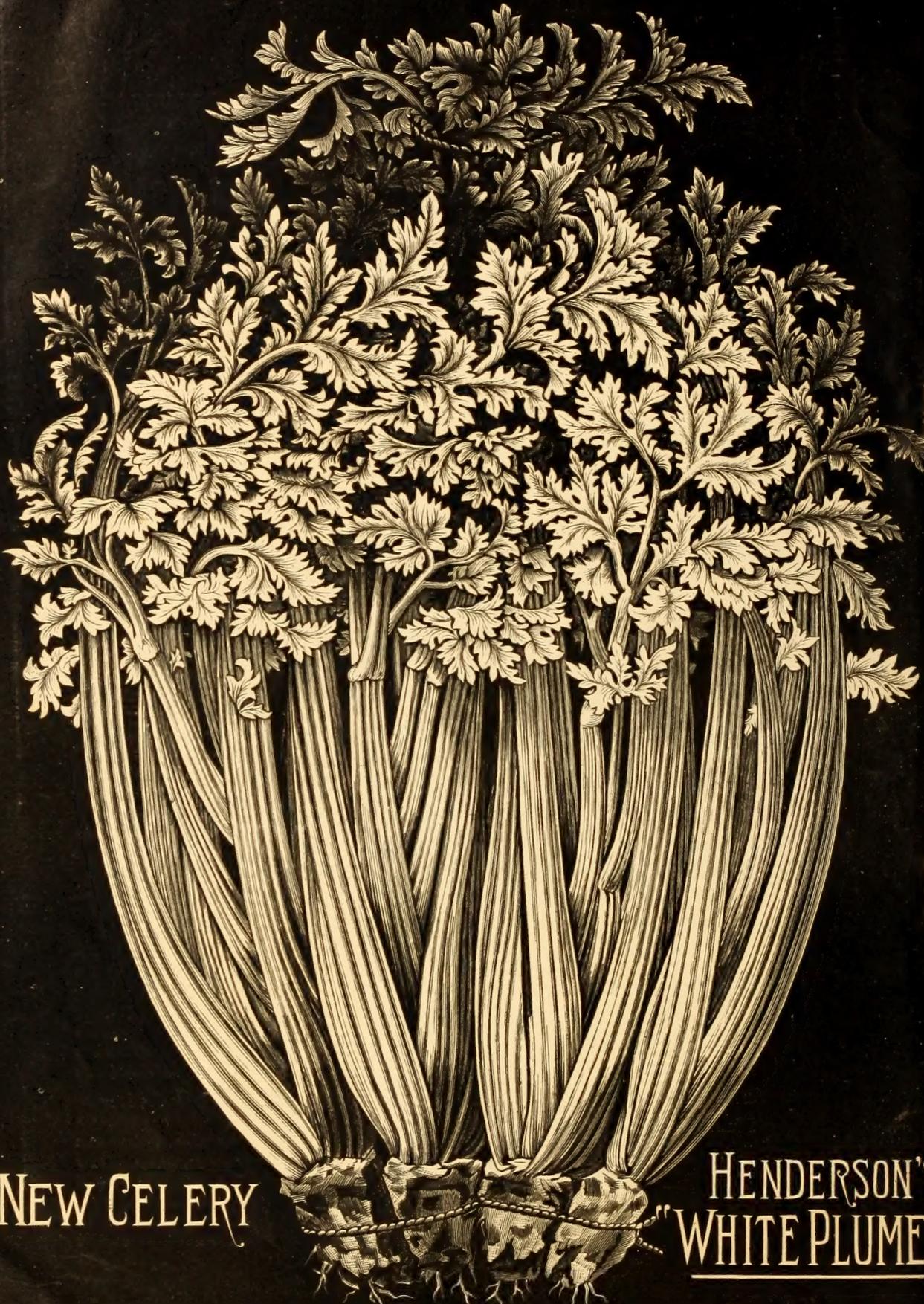
American Institute, Fair of 1883.

At the Annual Fair of the American Institute, held in this City, in the Fall of 1883, we exhibited bunches of our new Celery, "White Plume." Its novel and beautiful appearance so impressed the Committee on Vegetables, that they unanimously awarded us for our exhibit, the "*Medal of Superiority*," the highest possible premium which they could grant. Below is the Committee's report in full.

PETER HENDERSON & CO.

NEW YORK.

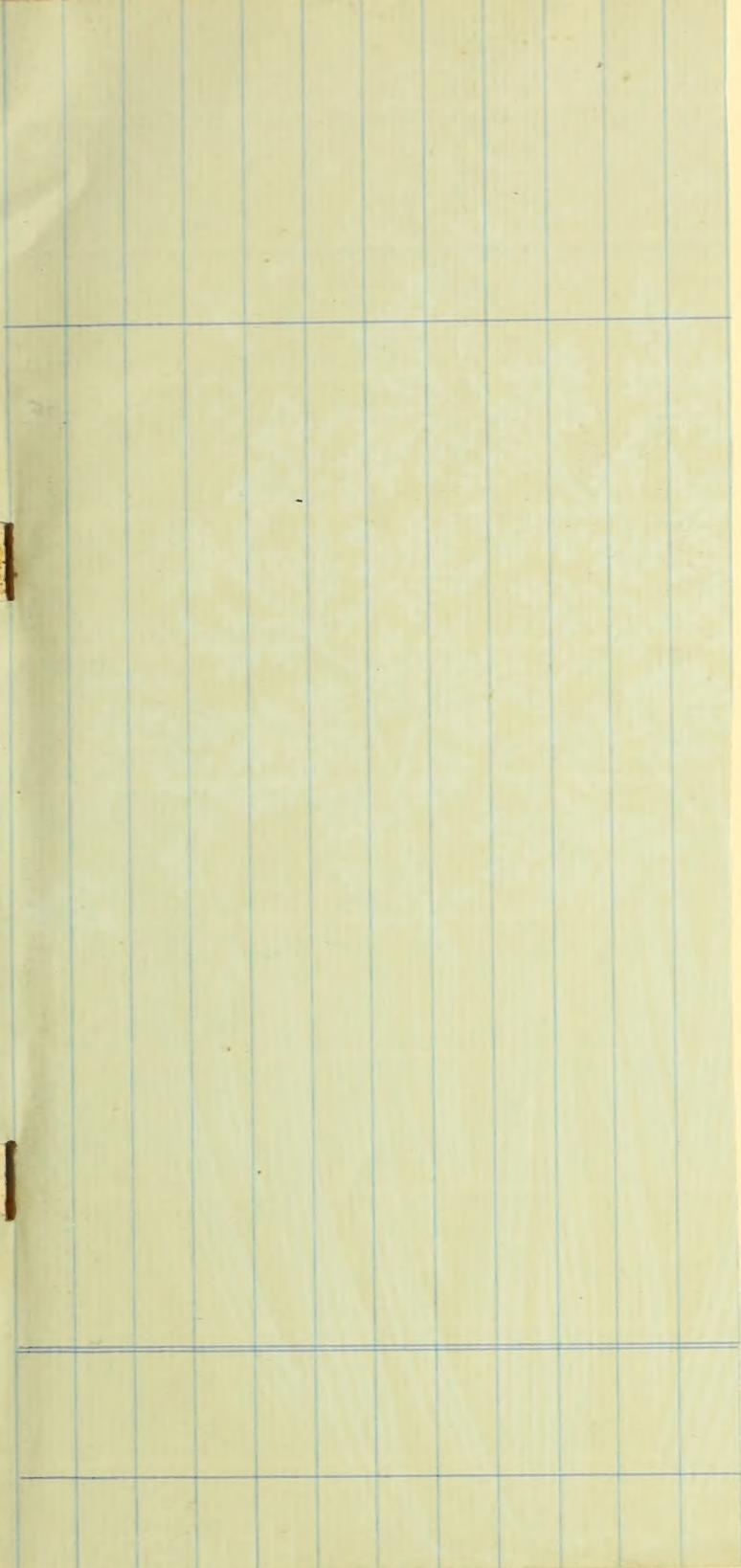
"The Committee on Vegetables desire to add to their regular report a few words in regard to the *White Plume Celery*, for which they have recommended the *Medal of Superiority*. They regard this Celery as the most remarkable and valuable garden vegetable that has been introduced for a great many years. To render the common Celery edible, and fit for the table, we have to incur a great deal of labor and expense in "earthing up," or "banking," which is unnecessary in the case of the White Plume. With this, trenches and "earthing up" are dispensed with. The plants are set out on the flat surface, and Nature kindly steps in and does the blanching herself; and does it, too, better than it has ever been done by "earthing up." The blanching is perfect, the stalks are solid and crisp, the flavor is excellent, and more of the plant is edible than is common to the varieties usually grown. In addition to these points of excellence, the plant is really beautiful, a kind of *utile dolci* in a vegetable, and is a handsome ornament for the dinner table; more so in fact, than many of the uncouth floral designs made for the purpose. These, in brief, are the chief excellences which moved your Committee to award to the "White Plume" Celery the *Medal of Superiority*."



NEW CELERY

HENDERSON'S
"WHITE PLUME"

⋮ FOR DETAILED DESCRIPTION PLEASE REFER TO "NOVELTIES AND SPECIALTIES" IN THIS CATALOGUE.





Peter Henderson & Co.'s
MANUAL OF
EVERYTHING FOR THE GARDEN,



FOR 1884.

❖ **General Introduction.** ❖

FOR the reason, no doubt, that the purchase and sale of Seeds are pre-eminently matters of confidence, it has always been a custom among us in the Seed trade to set forth, in the strongest possible way, our various claims for patronage; and through Catalogues, and by other means, the practice has become so universal, that buyers of Seeds must often become puzzled to know at whose doors they can most advantageously place their patronage. Still, among a multitude of claimants, we think we can fairly claim our position in the trade to be altogether distinct; for the fact is now pretty generally understood, that for years before we engaged in the selling of Seeds, we had been among the largest growers of Vegetables and Flowering Plants for the New York market; an experience that gave us a varied and practical working knowledge that the heads of no other firm possessed; thus experienced, we have been able to judge intelligently on the hundreds of perplexing questions that are always looming up in garden operations.

The Books on Gardening, produced by our Mr. Peter Henderson, which it is no egotism to claim are at this time the standard authorities in America, have served to confirm and emphasize our position in the trade. *The Practical Testing of Seeds* (of which we were the pioneers) has proved of the utmost value, both to ourselves and those to whom we sell; so that, noting all these facts, and the additional one that you can always buy seeds as cheaply from us as from sources that do not, and cannot, take the precautions to have Seeds pure that we do, we think we can reasonably ask you (if you have not before dealt with us) to try our Seeds, and see whether the care we claim to exercise is not made manifest in the most satisfactory results.

The Revised Instructions on Vegetable and Flower Culture,

To be found in this Manual, were written in 1882-3 by Peter Henderson, and give all the latest information on the subjects that the author of "*Gardening for Profit*" has to impart. Cultural instructions, in the main, undergo but little change; yet in our large and varied practice, in every season's experience there crops up some new or important detail of culture before unnoticed, and often of the utmost importance to cultivators, and it is principally such details that the "Revised Instructions" are intended to convey.

Our Seed and Plant Warehouse,

which has long been the largest in the City of New York, we found in 1882 to be so inadequate for our business, that, in that year we added to our area by securing the premises, No. 37 Cortlandt Street. Our two buildings now give us a space equivalent to thirteen floors, each 25 x 128 feet. With our increased facilities, we can still better systematize our business, so that the filling of orders will, if possible, be more prompt than ever, besides allowing us to give more and more of our personal attention each season, not only to the seed testing and trials at our grounds, but to the close supervision of our growing seed crops all over the country. It will thus be seen that, as far as possible, every precaution is taken that the "stock" of seeds we offer shall be as represented.

Our Gardens in Jersey City are within forty minutes' time, by Ferry Boat and Horse Cars, from our Seed Stores, 35 and 37 Cortlandt Street, New York, where a card with plain directions of "How to reach the Nursery" will be given to any one applying.

Parties wishing to see Peter Henderson personally will find him at the Green-houses till 12 M., and at his office in New York from 1 to 3 P. M.

Seeds and Plants for Export.—Our trade now extends far beyond the confines of this continent, our goods being sent to all parts of the globe. This export business, especially in Seeds, has with us reached such proportions that we pay special attention to all such orders, giving particular care to the packing and forwarding.

Answers to Correspondents.—We are in receipt of hundreds of letters annually, asking for information on subjects connected with Horticulture. These we shall always be pleased to answer, provided that each question is put clearly by itself, leaving a sufficient blank space beneath the question for our answer. This plan not only saves us time, but the answer is more intelligible to the party in want of the information; and unless inquiries are so put, we shall not consider ourselves required to reply, as we have no time to read long letters.

How We Test Seeds.

On the last page of the cover will be found portrayed an interior view of one of our Green-houses, which in the season is devoted exclusively to testing samples of the many hundred varieties of Seeds we have for sale. It was our experience as Practical Gardeners that probably made us realize the necessity for this more strongly than most Seed dealers; for very early in our career as Seedsmen we inaugurated this practice of testing all Seeds before selling. We were enabled the more readily to do so from our possessing not only extensive grounds, but the best arranged Green-house establishment in this country, which gave us opportunities at all seasons to carry on the practice. From the comparatively small tests begun in 1872, this practice has extended and become so systematized, that the past season it required the entire use of one of our largest Green-houses for our seed tests during the fall and winter; and afterward in spring, in the open ground, we set out many thousand plants, representing the stocks in Vegetable Seeds alone of over 1000 growers. All these tests are carried on under the personal supervision of PETER HENDERSON and the other members of the firm; and as the author of "*Gardening for Profit*" has had as long and as varied an experience as most men in operations connected with the soil, it will be seen that we are placed in a position to judge not only as to the germinating qualities, but, what is of far more importance, the purity of, and the kinds of Seeds best suited for all gardening purposes. Besides this, we have an *Experimental Garden*, wherein we grow samples of all Novelties in Vegetables and Flowers as they appear. The advantage of this will be quickly seen, as it enables us not only to judge of what is meritorious, but, what is far better, to discard all varieties with which, in our opinion, it is worse than useless to encumber our lists.

About Warranting Seeds.—The question is repeatedly asked us if we guarantee or warrant Seeds. *We beg to state most emphatically that we do not*, and our employees have strict orders never to do so in any case. Though well believing that the Seeds we offer are unsurpassed in quality, yet our practical experience of many years as Market Gardeners and Florists has fully assured us of the fact that crops may fail, no matter how fresh or pure the Seed sown to produce them may be. Failure of germination of Seed may result from causes that the utmost care from the most experienced cultivators cannot control, and the maturing of crops also repeatedly fails, so as to be a total loss, from causes that no human power can avert. Hence, to guarantee Seeds to invariably produce a perfect crop would be little short of quackery.

Novelties in Seeds and Plants

have always been a prominent feature with us, and we can look back with considerable satisfaction, and see how large a proportion have become permanent additions to existing lists, both in this country and in Europe.

Among the leading varieties of *Vegetables* that were first sent on their way by us we might mention the *Jersey Wakefield Cabbage*, *Henderson's Early Summer Cabbage*, *Henderson's Early Snowball Cauliflower*, *Henderson's Half Dwarf*, *Golden Dwarf*, and *White Walnut Celeries*, the *Green Prolific Cucumber*, the *Black Seeded Simpson* and *Salamander Lettuces*, *First of All Pea*, and numerous others.

In *Plants*, the list embraces such things as *Tuberose Pearl*, *Dwarf Stevia*, *Bouvardia Davidsonii*, the *Zebra Grass*, *Rose American Banner*, and various others.

That so many have proved worthy is unquestionably due to our almost invariable practice of experimenting thoroughly before offering for sale. By adopting this plan we have sent out comparatively few things but what have become standard kinds, and not merely the "comets of a season."

A Beautiful Lawn,

it is hardly necessary to say, is one of the most satisfactory and pleasing outside adornments that can be obtained, and is rightly deemed a most essential adjunct to rural and suburban homes.

The small cost, the brief time, and the comparative ease with which a perfect lawn can be had, all combine to make thousands seek to secure a feature for their homes both beautiful and restful. The fact that upward of **50,000** packages of the special mixture of Grass seed bearing our name were sold last season, goes to show the interest taken in this direction. The "Central Park Lawn Grass Seed," a mixture of choice grasses prepared, and first named by us, has given most general satisfaction, under many and diverse conditions of soil, situation, and climate; and by referring to another portion of this Manual



it will be seen we offer it for sale in quantities to suit the possessor of the smallest yard, as well as to meet the requirements of the largest buyers. "The Formation and Renovation of Lawns" is a matter about which we are often asked for information, and to answer such inquiries the subject has been fully treated in our New Book, "Garden and Farm Topics," which we offer on page 4.

Our Flower Seed Department will be found to contain everything deserving a place in the Garden.

Many of the choicest varieties are saved each season at our grounds and green-houses in Jersey City, where also all varieties in this line, as they appear, are given a fair trial, and when considered desirable additions, find a permanent place in our Catalogues. Besides our list of "Novelties and Specialties in Flower Seeds," our General List embraces many scarce and odd varieties not usually found in other lists.

During the Year, the following Catalogues and Price Lists, will be issued by us, and can be had about the dates mentioned, free of charge, by applying for them.

- Jan. 1. Manual of Everything for the Garden. (This list.)
- " 15. Catalogue of Garden and Farm Implements.
- June 20. Price List of Celery and other Vegetable Plants.
- July 20. Special Circular of Pot Grown Strawberry Plants.
- Sept. 10. Catalogue of Dutch Bulbs, and Plants for Winter Flowering.

A GARDEN OF NOVELTIES for \$5.00

We will, on receipt of **\$5.00**, send free to any address in the United States by Mail or Express. (as may be cheapest for us.) *one packet of each of the Vegetable and Flower Seeds* detailed below: all of which are most valuable and distinct, nearly all of them new, and many for the first time offered, and only to be obtained from us. We have only room here for condensed descriptions, but all the varieties named are fully described further on in the Manual.

IN NEW AND FINE VEGETABLES, the assortment comprises:

Ivory Pod Wax Beans, early and productive, a fine shell bean.—**Canadian Wonder Bean**, a late sort with large pods, of rich flavor.—**Golden Refugee Beans**, a great improvement, pods round and light colored, fine for pickling.—**Henderson's Premier Cabbage**, perhaps earliest in cultivation, heads small and pointed.—**Henderson's Early Summer Cabbage**, largest and best early sort, does not burst or crack open.—**Henderson's Selected Late Flat Dutch Cabbage**, heads of immense size, solid and uniform.—**Netted Savoy Cabbage**, leaves heavily curled, finest flavor.—**Henderson's Early Snowball Cauliflower**, is the earliest and best, more certain to head than any.—**Henderson's White Plume Celery**, the grandest novelty of the year, stalks and leaves pure white, is crisp and of delicious walnut flavor. Its special value consists in the fact it does not need "banking" to blanch it to render it fit for the table.—**Major Clarke's Pink Celery**, Red celeries as a rule are better flavored than the white, this new sort is finest of its class.—**Squantum Sugar Corn**, medium early, very sweet, produces 4 to 5 ears on stalk.—**Amber Cream Sugar Corn**, rich and tender, large ears.—**Marblehead Early Sugar Corn**, earliest of all, dwarf grower.—**Green Prolific Cucumber**, best pickling variety, enormous yield.—**Salamander Lettuce**, best summer sort, color light green, best quality.—**Yellow Seeded Butter Lettuce**, produces large yellow head, crisp and tender.—**California Nectar Musk Melon**, most delicious flavored of any.—**Montreal Market Musk Melon**, specimens often attain 20 pounds and over, fine quality.—**Netted Gem Musk Melon**, very early, nearly round, flavor rich and sugary.—**Scaly Bark Water Melon**, for shipping purposes this variety has no peer, standing without injury the longest journeys, and roughest handling; flesh crimson, and best quality.—**Southport Yellow Globe Onion**, our own special selection.—**Dwarf Prolific Okra**, grows 4 feet high, a wonderful yielder.—**Henderson's First of All Pea**, the earliest variety grown; pods good size and well filled with peas of richest flavor.—**Laxton's Minimum Pea**, the dwarfest growing sort, attaining 6 inches in height, early and prolific.—**John Bull Pea**, a main crop, blue wrinkled variety.—**Vanguard Potato**, (one tuber) ten to twelve days earlier than Early Rose, quality first class.—**Golden Dawn Pepper**, golden yellow in color, very prolific.—**Long Standing Spinach**, remains a long time before running to seed; a splendid cooking kind.—**Perfect Gem Squash**, twenty-four squashes have been grown of this on a single vine, equally desirable for summer or winter use; finest flavor.—**The Cardinal Tomato**.—See description in Novelties.—**Livingstone's Favorite Tomato**, largest and smoothest Tomato yet introduced, dark red in color; solid, and ripens evenly.—**May-flower Tomato**, extremely early, color bright red, solid and productive.—**Extra Early Purple Top Munich Turnip**, fit to dig two weeks before any other; flesh snow white, and of good flavor.—**Snowwhite Olive Shaped Turnip**, our new white oblong variety, very early and splendid for table use.—**New Mediterranean Hybrid Winter Wheat**, enormous yielder.

IN NEW AND RARE FLOWER SEEDS, the variety embraces:

Victoria Aster, flowers large, perfectly double, imbricated and globular, all colors.—**Balsam, Extra Choice**, mixed, very large double flowers.—**Calendula "Meteor"**, produces large light yellow flowers, striped with bright orange.—**New Carmine Candytuft**, this variety bears a mass of vivid carmine blooms.—**New Cockscorn "Golden Beauty"**, produces freely large blooms of the richest yellow.—**Coccinea Indica**, a climbing gourd with glossy foliage and scarlet fruit.—**Dianthus Laetiniatis**, a beautiful fringed pink, all colors.—**New Ivy-Leaved Cypress Vine**, with ivy-leaved foliage and scarlet flowers; this is a strikingly beautiful variety.—**Eschscholtzia Mandarin**, a beautiful variety of California Poppy.—**New Double Flowering Gaillardia**, a most distinct new double variety producing flowers of many hues.—**Godetia "Lady Albemarle"**, flowers three inches across, of an intense carmine crimson shade.—**French Marigold "Gold Striped"**, novel, and entirely distinct.—**Mignonette "Golden Queen"**, most beautiful in existence; when in bloom it is literally a mass of fragrant gold.—**New Spotted Pansy**, flowers of largest size and most perfect, and of every conceivable color and marking; this beautiful strain is now offered for the first time.—**Phlox Drummondii Grandiflora**, mixed, a large flowered strain.—**New Danish Poppy**, flowers brilliant scarlet, each of the four petals being stamped with an ivory white spot.

At our Catalogue prices the Seeds named above would cost \$7.50.

Besides this, and here is the feature that makes our offer extremely liberal, we will include without charge a copy of Peter Henderson's New Book "*Garden and Farm Topics*." Price \$1.50. The contents of which are given on page 4. It will thus be seen that in reality we give goods to value of \$9.00 for \$5.00, besides assuring free delivery to any point in the United States, no matter how remote. No changes, however, can be made in this Collection. The "*Garden of Novelties*" Collection will be sent to purchasers in an ornamental box, which will afterwards be found useful for many purposes. In ordering the "*Garden of Novelties*", please follow suggestions about remitting as given on page 5.



NOVELTIES AND SPECIALTIES IN VEGETABLE SEEDS FOR 1884.

By reference to page 7 of this Manual it will be seen that single packets of most of the Vegetable Seeds described in the following pages, can be had very cheaply by purchasing our "Garden of Novelties." Collection. To those of our patrons, however, who require larger quantities, we beg reference to the exceedingly reasonable prices at which by the oz., $\frac{1}{4}$ lb. or lb. all these different Seeds are offered.

If by Mail, in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at rate of 16 cents per lb

HENDERSON'S SELECTED EARLY JERSEY WAKEFIELD CABBAGE.

(AMERICAN GROWN.)

To most growers for market the great value and characteristics of this variety are well understood. To those who may not, however, be familiar with it, we would say that it is justly considered the best Early Cabbage in cultivation. Among its merits, may be mentioned its large size of head, small outside foliage, and its uniformity in producing a crop.



The heads are pyramidal in shape, having a blunted or rounded peak. Last fall and spring seed of Jersey Wakefield Cabbage sold readily for \$10.00 and \$12.00 per lb., owing to its scarcity. This season we are enabled to offer the same fine stock at following rates:

10 cts. per pkt.; 50c. per oz.;
\$1.50 per $\frac{1}{4}$ lb.; \$5.00 per lb.

Copyright, 1883.

HENDERSON'S SELECTED EARLY JERSEY WAKEFIELD CABBAGE.



Copyright, 1883.

HENDERSON'S EARLY SUMMER CABBAGE.

HENDERSON'S EARLY SUMMER CABBAGE.

(AMERICAN GROWN.)

Nine years ago we first disseminated this variety, and with the many really good new things with which we have become identified we consider this, perhaps, the best. The Early Summer is about ten days later than the Wakefield, but being of over double the size, it may be classed as the best large early cabbage. In weight it is equal to most of the late varieties, and its short outer leaves enable it to be planted nearly as close as the Jersey Wakefield, about 12,000 to the acre, while Early Flat Dutch, Winningstadt, etc., producing no larger heads, can only be produced at the rate of 8,000 to the acre. Another excellent quality of the Early Summer Cabbage is that it keeps longer without bursting open after heading than any variety we know of. We would, however, caution those of our customers who intend to grow it in cold frames (to winter over) to sow it at least ten days later than the Wakefield, or other early varieties, as it has some tendency to run to seed if sown at the dates suitable for other early sorts. In this latitude we sow Early Summer on the 25th of September.

10c. per pkt.; 40c. per oz.; \$1.25 per $\frac{1}{4}$ lb.; \$4.00 per lb.

HENDERSON'S SELECTED LATE FLAT DUTCH CABBAGE.

(AMERICAN GROWN.)



Copyright, 1883.

HENDERSON'S SELECTED LATE FLAT DUTCH CABBAGE.

As in the case of our extra early Pea, "First of All," referred to elsewhere, we have been dealing out this unsurpassed stock of cabbage in small quantities for several seasons, until now, when our supply is sufficiently large to enable us to catalogue it. The seed we offer has been grown from heads uniform in size, large and solid, and customers who may try our stock this season will find that it is one of the most satisfactory strains they have ever grown.

10 cts. per pkt.; 39 cts. per oz.; \$1.00 per $\frac{1}{4}$ lb.; \$3.50 per lb.

SEE DESCRIPTION OF THE NEW CELERY, "HENDERSON'S WHITE PLUME," PAGE 11.

HENDERSON'S PREMIER CABBAGE.

We sold out of Jersey Wakefield Cabbage Seed last spring by the end of February, and quite a number of customers were induced to sow in its stead the variety, "Premier."

So far as we can learn, it gave very general satisfaction. It forms a solid head about a week earlier than all other kinds tried, the next to it in earliness being the well-known Jersey Wakefield. In size it is somewhat smaller than the Wakefield, but as it forms very small outer leaves, it can be planted one-third closer, 15 or 16 inches apart, each way.
10 cts. per pkt.; 40 cts. per oz.; \$1.50 per ¼ lb.; \$5.00 per lb.



NETTED SAVOY CABBAGE.

CABBAGE—NETTED SAVOY.

Our illustration gives a very good idea of the peculiar characteristics of this fine variety, which is crimped and netted to an unusual degree, and it also forms a compact, solid head. It should be generally known that the Savoy varieties are the finest flavored of all the cabbage tribe, and amateurs who raise only one or two varieties of cabbage for their own use should certainly include one of the Savoy sorts.
10 cts. per pkt.; 30 cts. per oz.; \$1.00 per ¼ lb.; \$3.50 per lb.

NEW LETTUCE—YELLOW SEEDED BUTTER.

Like the Salamander, this withstands summer heat well, and stands long before running to seed. It is a very distinct sort, making a large, dense yellow head, very crisp and tender, and excellent in flavor. Its beautiful yellow heart gives it a very handsome appearance.
10 cts. per pkt.; 25 cts. per oz.; 75 cts. per ¼ lb.; \$2.50 per lb.



Copyright, 1883.

BLACK SEEDED SIMPSON LETTUCE.

LETTUCE—BLACK SEEDED SIMPSON.

We consider this Black-Seeded Simpson to be one of the most desirable acquisitions that has been made to our list of Lettuces within ten years. It has now been thoroughly tested, and from every side we hear the most satisfactory reports in regard to it. Like the ordinary Curled Simpson, it does not properly form a head, but a compact mass of leaves; but differs in being very much lighter colored, the leaves being almost white; stands the summer heat splendidly, and attains a size nearly double that of Curled Simpson. It is equally suited for forcing; but, on account of its large size, it might not prove to be as profitable under some circumstances as the strictly forcing varieties, such as Boston Market or Tennis Ball.
10 cts. per pkt.; 25 cts. per oz.; 75 cts. per ¼ lb.; \$2.50 per lb.

NEW LETTUCE—SALAMANDER.

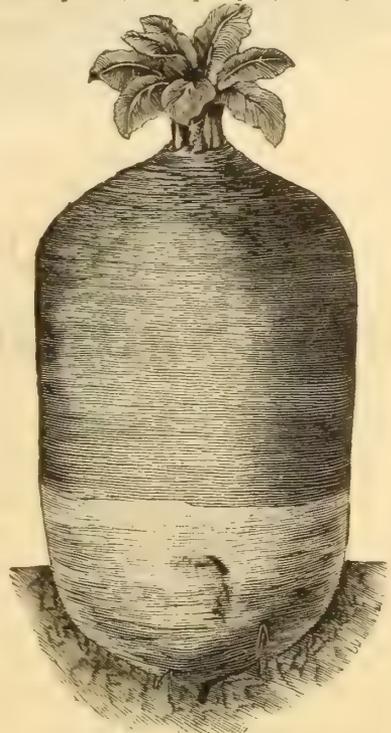
The culture of this valuable new sort had been entirely monopolized for several years by our Hudson Co., N. J., Market Gardeners, until two years ago, when we offered it for general distribution. The Salamander is the best variety for summer use, forming good-sized, compact heads, color light green outside, and white on the inside. Its great merit, however, is that it will withstand drought and heat, and remain longer in head than any other variety; this peculiarity has been fully proven through two unexampled dry seasons. It is very slow to run to seed, and to Market Gardeners is invaluable on account of its heat resisting qualities.
10 cts. per pkt.; 25 cts. per oz.; 75 cts. per ¼ lb.; \$2.50 per lb.



stand drought and heat, and remain longer in head than any other variety; this peculiarity has been fully proven through two unexampled dry seasons. It is very slow to run to seed, and to Market Gardeners is invaluable on account of its heat resisting qualities.
10 cts. per pkt.; 25 cts. per oz.; 75 cts. per ¼ lb.; \$2.50 per lb.

MANGEL WURZEL—HENDERSON'S COLOSSAL LONG RED.

A very fine variety of Mangel-Wurzel. The roots are smooth and regular, and of the largest size, and of blood red color. The quality is exceedingly nutritious, and in all respects the variety is most distinct and valuable.
10 cts. per oz.; 25 cts. per ¼ lb.; 80 cts. per lb.



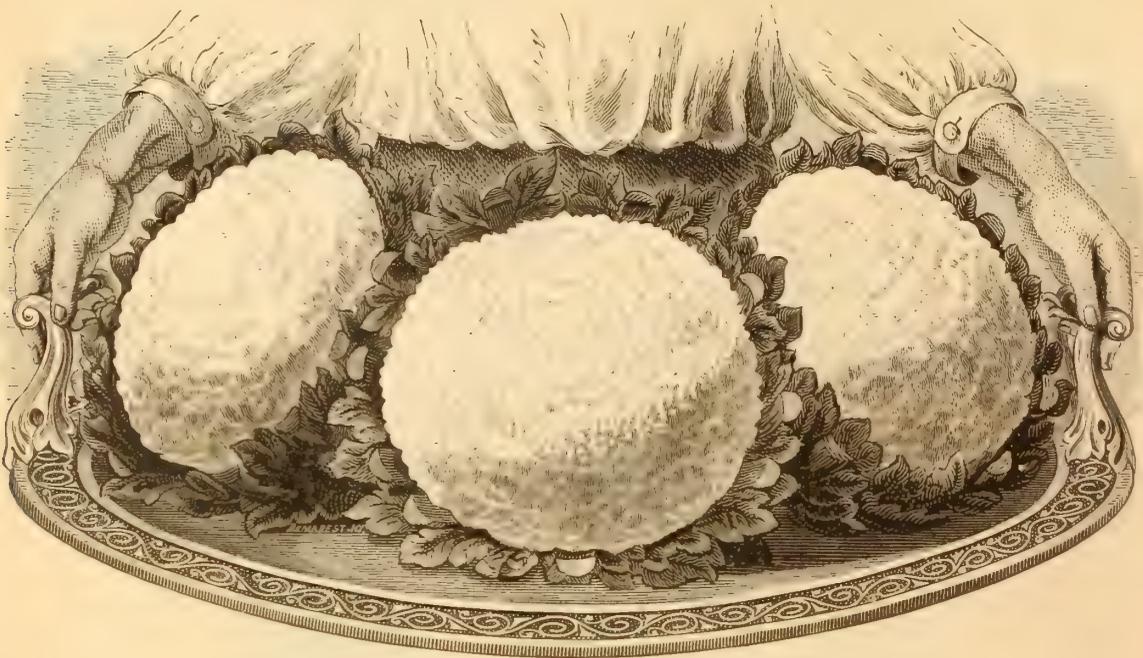
MANGEL WURZEL—GOLDEN TANKARD.

MANGEL WURZEL—GOLDEN TANKARD.

A very valuable variety, of fine form and of very sweet flavor, and bright yellow in color. When cut it shows interior rings similar to most varieties of garden beet.
10 cts. per oz.; 25 cts. per ¼ lb.; 80 cts. per lb.

NEW DWARF ERFURT KALE.

A new, very dwarf, fine curled variety of a yellowish green color; grows very close to the ground.
10 cts. per pkt.; 25 cts. per oz.; 75 cts. per ¼ lb.; \$2.50 per lb.



Copyright, 1883.

HENDERSON'S EARLY SNOWBALL CAULIFLOWER.

HENDERSON'S Early Snowball Cauliflower.

With the single exception, perhaps, of our Early Summer Cabbage, no new thing in either seeds or plants that we have ever offered has given such general satisfaction as this EARLY SNOWBALL CAULIFLOWER. The testimony we offered in previous years, and which we are continually receiving, confirming our opinion of it, is all the more gratifying when it is considered that these letters are from men nearly all of whom are largely engaged in growing vegetables for market. *It is the earliest* of all Cauliflowers. Sown year after year at the same time and under the same conditions with ten other kinds, on the first of March, we have had heads of the Early Snowball, measuring nine inches in diameter, ready by 10th June—about one week earlier than any other sort. Besides, of this variety, every plant formed a fine head; in addition to its earliness and greater certainty to head than any other sort, its dwarf habit and short outer leaves allow it to be planted as close as 18 or 20 inches apart each way, so that from 12,000 to 14,000 can be set out on an acre.

For forcing under glass during winter and spring, this Early Snowball variety is peculiarly well adapted, from its dwarf growth and short outer leaves, and for this purpose no other Cauliflower is now so largely grown.

It may be added that this variety does equally well for late planting.

See "Special Prizes for Best Vegetables," in Introduction.

5 cents per packet; \$8.00 per ounce. (Quarter-ounce and half-ounce at ounce rates.)

SEE DESCRIPTION OF THE NEW CELERY, "HENDERSON'S WHITE PLUME," PAGE 11.

CAUTION!

Henderson's Early Snowball Cauliflower.



The well merited popularity of HENDERSON'S EARLY SNOWBALL CAULIFLOWER has induced some of the leading as well as smaller seedsmen, to offer under the name of "Snowball" or "Early Snowball," and at a lower price, an entirely different stock of Cauliflower.

In order that any possible purchasers may not be misled, we would say that the stock of Cauliflower which we named Henderson's Early Snowball, and first sent out, is controlled entirely by ourselves, and can be had only of us, and such seedsmen who purchase their supplies from us, and in whose catalogues it will be found at rates uniform with our own, or under the name of Henderson's Early Snowball Cauliflower. In this connection, we would state, that of nearly a dozen samples of *so-called* Early Snowball Cauliflower obtained from other seedsmen, which we tested in our trial grounds last season, *not one was true*, and some grew to a height of nearly three feet, *without any tendency to head whatever*.

PETER HENDERSON & CO.

NEW CELERY. "HENDERSON'S WHITE PLUME."

(See full page Illustration in front of Catalogue.)

This season, (1884.) for the first time, is introduced a new kind of Celery, that we feel satisfied will so simplify its culture that the most inexperienced can now grow Celery, blanched in the proper condition for the table, just as easily as a Cabbage or Lettuce. The peculiarity of the Celery known as "White Plume" is, that *naturally* its stalk and portions of its inner leaves and heart are white, so that, by closing the stalks, either by tying them up with matting, or by simply drawing the soil up against the plant and pressing it together with the hands, and again drawing up the soil with the hoe or plow, so as to keep the soil that has been squeezed against the Celery in its place, the work of blanching is completed; while it is well known that in all other kinds of Celery, in addition to this, the slow and troublesome process of high "banking" or earthing up with the spade is a necessity.

Another great merit of the "White Plume" Celery is, that it far exceeds any known vegetable as an ornament for the table, the inner leaves being disposed somewhat like an ostrich feather, so as to suggest the name we have given it of "White Plume."

It is well known that one-half the value of a Celery, particularly in our best hotels and restaurants, is held to be its fitness as a table ornament, and for this purpose this new variety is admirably fitted. In addition to this, its eating qualities are equal to the very best of the older sorts, being *crisp, solid*, and having that nutty flavor peculiar to the "Walnut" and some of the red sorts. Altogether, we cannot find words sufficient to describe its many merits as it deserves.

The great bugbear in the cultivation of Celery, by those engaged in growing it for market, has been the labor entailed in the "banking" to whiten or blanch it; and with the unskilled amateur growing a few hundred for private use, the troublesome process of "banking" has usually been a detriment sufficient to prevent him from trying. Now he can grow this new sort just as simply as any other vegetable. In the first week of October of 1882, the Celery banks in Hudson County, New Jersey, must have cost at least \$15,000 in labor to erect; but a rain storm of twenty-four hours' duration washed the banks down and destroyed the work of weeks. Had this new Celery been under process of blanching, no high banks would have been needed, and the storm would have been nearly harmless, as the "wash" would have done but a trifling injury.

But absolute perfection is hardly to be expected in anything, and the "White Plume" Celery has one drawback; the very qualities that make its culture so simple in the fall and early winter months, unfit it for a late Celery that will keep until Spring, as its tenderness and crispness of structure cause it to rot quicker than the old green kinds; but for use during the months of October, November, December, and the early part of January, we advise it to be grown, if the saving of labor and quality be considerations. It is equally as hardy against frost as the other kinds. In size and weight it is very similar to those popular kinds, the "Golden Dwarf" and "Henderson's Half Dwarf;" in fact, it originated in what is known as a "sport" from "Henderson's Half Dwarf;" that is, a single plant showed the whiteness of stem and peculiar feathery leaves, which, fortunately, were permanently reproduced from seed, and gave us this entirely new type of Celery. Its culture is in all respects the same as that directed for the other sorts, with the exception that we are saved the trouble of high "banking" or earthing up.

Last season a few thousand bunches were sold for the first time in the New York markets, and were quickly disposed of at nearly double the price of the ordinary sorts of the same size. It was purchased exclusively by the purveyors for the leading hotels, and, from its beautiful appearance, created an interest in this vegetable which never had been shown before. Its only drawback, as we have said, is that, from its tenderness, it will not keep as well into late winter as the green sorts; but as it can be had in perfection through the Christmas holidays, the time when Celery is in greater demand than at any other season, it will without doubt at once be largely grown, and grown to supply the holiday demand, to the exclusion of all other kinds. Our illustration shows a bunch of four, the usual way in which Celery is put up for the New York Markets.

Price, 50 cents per packet.

CELERY.

Besides the preceding described sort, "Henderson's White Plume," we beg to offer our unequaled selections of the following standard sorts. For the information of patrons who may not be aware of the fact, we would state that our Celery seed is saved each season at our grounds in Jersey City. For full cultural instructions on this most important vegetable, see our new Book "Garden and Farm Topics," offered in Introduction.

HENDERSON'S HALF DWARF CELERY.

Except, perhaps, the Golden Dwarf, this variety is now grown more extensively than any other by the market gardeners who supply the New York City markets, and is the kind now found on the tables of all first-class hotels. When blanched it is of a yellowish white, making it very ornamental for the table, is entirely solid, possessing a rich nutty flavor, while it has much vigor of growth, surpassing most of the large-growing sorts in weight of bunch when grown under the same conditions. 10 cts. per pkt.; 30 cts. per oz.; \$1.00 per ¼ lb.; \$3.50 per lb.

WHITE WALNUT CELERY.

One of our very best late introductions. It is of dwarf habit, seldom attaining a height of more than 20 inches. It is solid and heavy, and has a peculiar, rich walnut-like flavor. A novel and valuable quality of this variety is its graceful and feather-like foliage, which, when blanched, makes it a most beautiful Celery for the table.

10 cts. per pkt.; 30 cts. per oz.; \$1.00 per ¼ lb.; \$3.50 per lb.

GOLDEN DWARF CELERY.

A very distinct variety, which originated near Newark, N. J., a few years ago, and whose great value has been shown by the fact that it is largely grown around that locality, for both the markets of Newark and New York. In size and habit of growth it is much the same as the Half Dwarf and Dwarf White kinds, except that when blanched the heart, which is large and full, is of a waxy golden yellow, rendering it a most striking and showy variety for either market or private use. It is entirely solid and of most excellent flavor, and one of the best keepers during winter we have ever known.

10 cts. per pkt.; 30 cts. per oz.; \$1.00 per ¼ lb.; \$3.50 per lb.

LONDON RED CELERY.

We have tried to impress upon our customers, for years, the superiority of the Red Celery over the White. Not only that, as a rule, they are better flavored and more crisp, but that they are hardier and keep better during winter. The variety London Red is one of the best we have ever seen, having every requisite good quality.

10 cts. per pkt.; 30 cts. per oz.; \$1.00 per ¼ lb.; \$3.50 per lb.

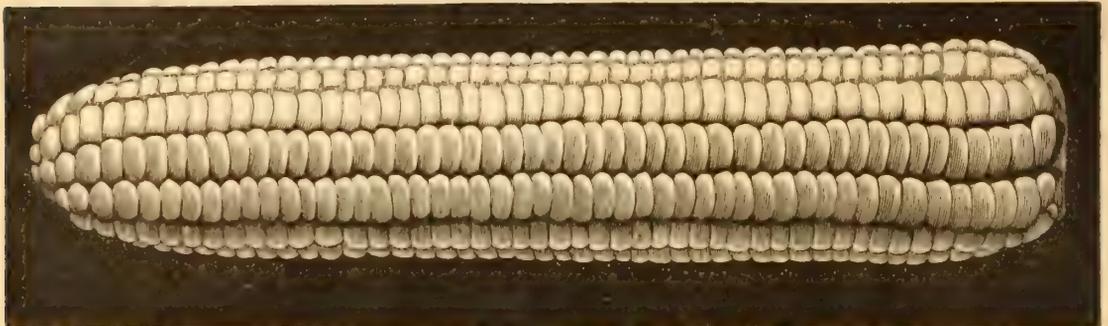
MAJOR CLARKE'S PINK CELERY.

Of late years we have found more of a disposition to grow the pink or red varieties of Celery, which is as it should be, for so far as flavor goes the red and pink varieties are, as a rule, much superior to the white sorts. In our trials of many varieties we have considered this, Major Clarke's Pink, to be a desirable acquisition to our existing list of Celeries, which, as our customers know, is a leading specialty with us. This variety is of medium growth, of stiff, close habit, large heart, remarkably solid and crisp, and of fine walnut flavor. (See cut.)

15 cts. per pkt.; 50 cts. per oz.; \$1.50 per ¼ lb.



MAJOR CLARKE'S PINK CELERY.



HICKOX IMPROVED SUGAR CORN.

Not a novelty this year, but a variety of such excellence, that we have deemed it worthy of a special reference. The ears are twelve rowed, straight and handsome; kernels of good size and very sweet. (See cut.)

20 cts. per quart; \$1.50 per peck.

SQUANTUM SUGAR CORN.

A variety of Sugar Corn in great favor with the well-known Squantum Club, of Silver Spring, R. I., and used almost exclusively by them in their famous clam bakes. It is about as early as the Moore's Concord, the ears being the same size. Its quality is of the best. Very sweet, and wonderfully productive, producing 4 to 5 ears on a stalk. Early orders are advisable; last year we sold out of this by March.

30 cts. per qt.; \$2.25 per peck.

EARLY MARBLEHEAD SUGAR CORN.

This variety is probably as early, if not a little earlier, than any of the existing sorts of Sugar Corn. In general appearance it closely resembles the well-known Early Narragansett. The stalk is dwarf and it sets its ears very low down, which are of fair market size, and of very sweet, rich flavor. 25 cts. per qt.; \$2.00 per peck.

AMBER CREAM SUGAR CORN.

A vigorous grower, stalks 7 feet in height; ears 10 to 14 inches long, with very deep kernels, rich, sugary and tender. When fit for table use the ears are beautifully white, but when dry the kernels are amber colored and very much shrivelled. It is exceedingly productive and valuable as a market variety.

25 cts. per qt.; \$1.50 per peck.

SEE DESCRIPTION OF THE NEW CELERY, "HENDERSON'S WHITE PLUME," PAGE 11.

THE MELON.

(WATER AND MUSK.)

The "Cream" of recently introduced sorts in both Water and Musk Melons will be found described on this and succeeding page. For standard sorts, customers are referred to our general list further on in the Catalogue.

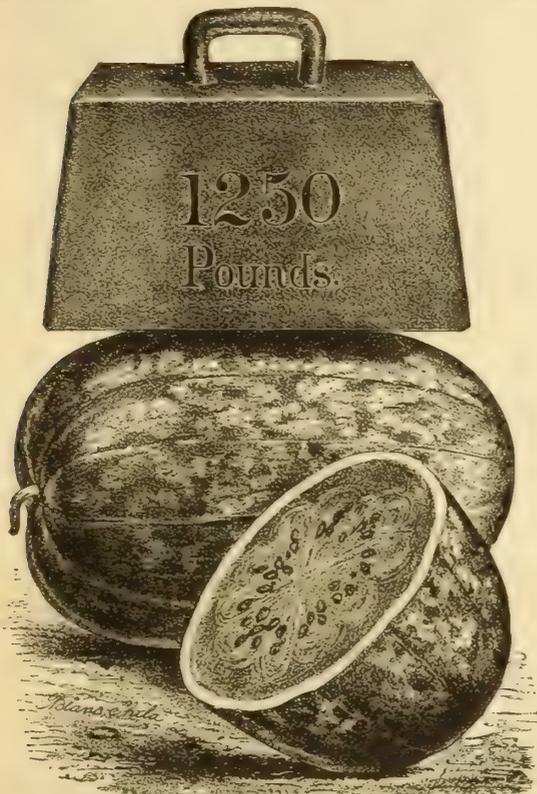
SCALY BARK WATER MELON.

A Georgia friend brought to our notice this variety and we catalogued it for the first time last year, and gave it, probably, its first general introduction. Whoever named

for its bark is neither rough nor "scaly," and the only possible pretext for such a name must have been the fancied resemblance that the skin presents to being covered with fish scales. Its rind is very thin, yet so tough and strong that it will bear any amount of handling, and withstand an enormous weight or pressure without cracking. The specimen here illustrated, together with another variety, was shipped us a distance of 1,500 miles, and although the other sort had entirely collapsed by the time the Melons reached us, the Scaly Bark was apparently in as sound condition as when it was taken from the field. After remaining in our store upwards of ten days we began some experiments to test its strength, and, to our great astonishment, we found that it sustained a weight of over 1,250 pounds before cracking or bursting open. This, too, with a specimen that was thoroughly ripe. In fact, it was in perfect eating condition, and was sampled by at least half a dozen people, all of whom pronounced its light crimson flesh to be tender and of excellent flavor. For shipping purposes it is, undoubtedly, one of the very best, if not the best Melon in existence.

We have gone into this somewhat long explanation for fear that some might form the impression from our picture that it was the Melon that weighed 1,250 pounds. Our idea of showing the weight on top is simply to put more vividly before our customers the strength of the rind, and the peculiar fitness of the variety for shipping purposes. The average weight of melons of this variety is about 35 pounds, and our illustration will give a good idea of its form and characteristics.

10 cts. per pkt.; 25 cts. per oz.; 75 cts. per $\frac{1}{4}$ lb.; \$2.50 per lb.



Copyright, 1883.

SCALY BARK WATER MELON.

WHITE SEEDED ICE CREAM WATER MELON.

(TRUE.)

For quality there is no Water Melon grown can equal this such delicious flavor, and so many other essential good qualities, that we bring it to the front. The fruit is of medium size, nearly round, skin pale green, thin rind, flesh scarlet, solid, tender and delicious.

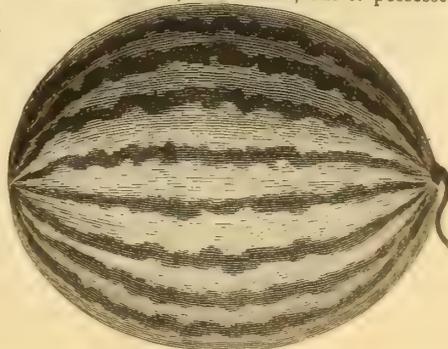
5 cts per pkt.; 10 cts. per oz.; 25 cts. per $\frac{1}{4}$ lb.; 80 cts. per lb.

CUBAN QUEEN WATER MELON.

Our engraving will best illustrate what this widely advertised and extensively grown melon is like. The markings of light and dark green are regular and distinct. The quality is equal to the best of any of the sorts, while its solidity is so marked that it will weigh at least one-third more than melons of the same size of other varieties, specimens often attaining a weight of 80 lbs. and and upward. (See cut.)

5 cts. per pkt.; 20 cts. per oz.; 60 cts. per $\frac{1}{4}$ lb.; \$2.00 per lb.

It is not new by any means, but it possesses



WATER MELON—CUBAN QUEEN.

SEE DESCRIPTION OF THE NEW CELERY, "HENDERSON'S WHITE PLUME," PAGE 11

**TRUE GEORGIA RATTLESNAKE
WATER MELON.**

This is the variety so largely grown in the South, and shipped to Northern markets. It is a beautifully striped variety of very large size, with red flesh of the finest flavor. 5 cts. per pkt.; 15 cts. per oz.; 40 cts. per ¼ lb.; \$1.25 per lb.



WATER MELON—CALIFORNIA OR IMPROVED ODELLA.

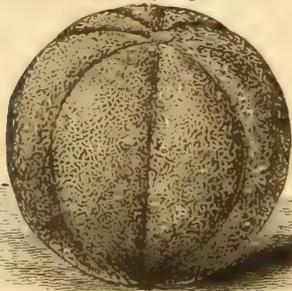
**CALIFORNIA OR IMPROVED ODELLA
WATER MELON.**

One of the best sorts for shipping purposes, as it has a tough, thin rind which enables it to stand an amount of handling that other varieties would crack open under. Its form is illustrated in the cut given above, which also defines its markings. The flavor is excellent and quite distinct. (See cut.)

5 cts. per pkt.; 15 cts. per oz.; 40 cts. per ¼ lb.; \$1.25 per lb.

**NEW MUSK MELON,
BURPEE'S ORANGE CREAM.**

Entirely new and distinct. As the illustration shows the melons are globe-shaped and thickly netted. The netting is so dense that scarcely a pin's head can be put between the meshes. The melons weigh from 2 to 3 lbs. each and are very uniform both in size and shape. The meat is very thick, of a beautiful deep salmon color and of exquisite flavor. The musky aroma of this melon is such that a single specimen will perfume a large room. For



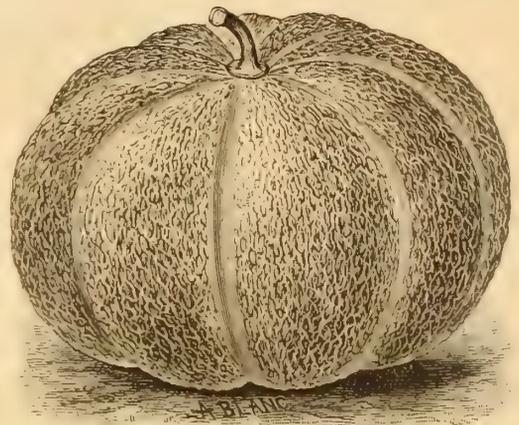
NEW MUSK MELON—ORANGE CREAM.

the table this variety must prove particularly attractive on account of the strong contrast in color between the skin and the flesh. 25 cts. per pkt.; 5 pkts. for \$1.00.

THE HACKENSACK MUSK MELON.

The most popular variety of Musk Melon grown for market by gardeners in this vicinity. It attains a large size, is round in shape, flattened at the ends; is of most delicious flavor, and wonderfully productive. It somewhat resembles the Green Citron, on which, however, it is a decided improvement.

5 cts. per pkt.; 20 cts. per oz.; 60 cts. per ¼ lb.; \$2.00 per lb.



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MONTREAL MARKET MUSK MELON.

MONTREAL MARKET MUSK MELON.

Largely grown for the markets of Montreal, where it is justly highly esteemed. The fruit is of the largest size, specimens often weighing 20 lbs. and upward. The shape of this melon is almost round, flattened at both ends, and deeply ribbed; skin green and netted; flesh very thick and of the finest flavor. (See cut.)

10 cts. per pkt.; 25 cts. per oz.; 75 cts. per ¼ lb.; \$2.50 per lb.



MUSK MELON—CALIFORNIA NECTAR.

CALIFORNIA NECTAR MUSK MELON.

All who were fortunate enough to taste this new variety at our place the past summer, unite in pronouncing it one of the most delicious flavored of melons. It is of very fair productiveness, medium early, and attains a good size, often 12 lbs. and over. The flesh is very thick, sweet and juicy, and of unsurpassed flavor. The habit of the plant is strong and vigorous, and taken altogether it is one of the very best varieties in cultivation. (See cut.)

15 cts. per pkt.; 50 cts. per oz.; \$1.50 per ¼ lb.

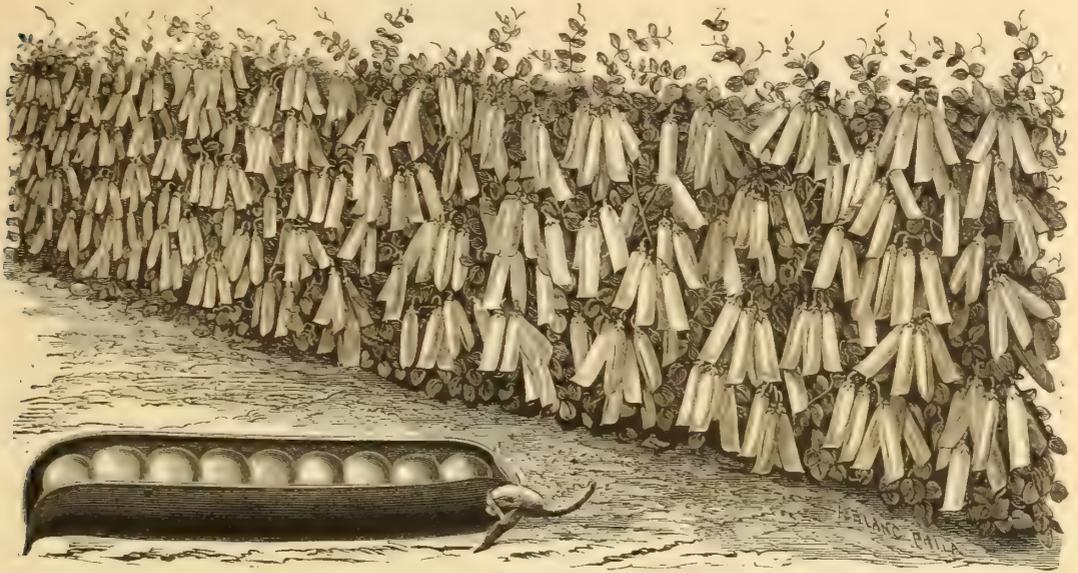
NETTED GEM MUSK MELON.



NETTED GEM MUSK MELON.

One of the earliest, and no doubt the best small Melon grown. They are globular in shape, very uniform in size and weight, weighing from 1¼ to 1½ lbs. each; flesh light green and of very fine flavor, exceedingly productive, and will keep well for nearly a week after picking. (See cut.)

10 cts. per pkt.; 25 cts. per oz.; 75 cts. per ¼ lb.; \$2.50 per lb.

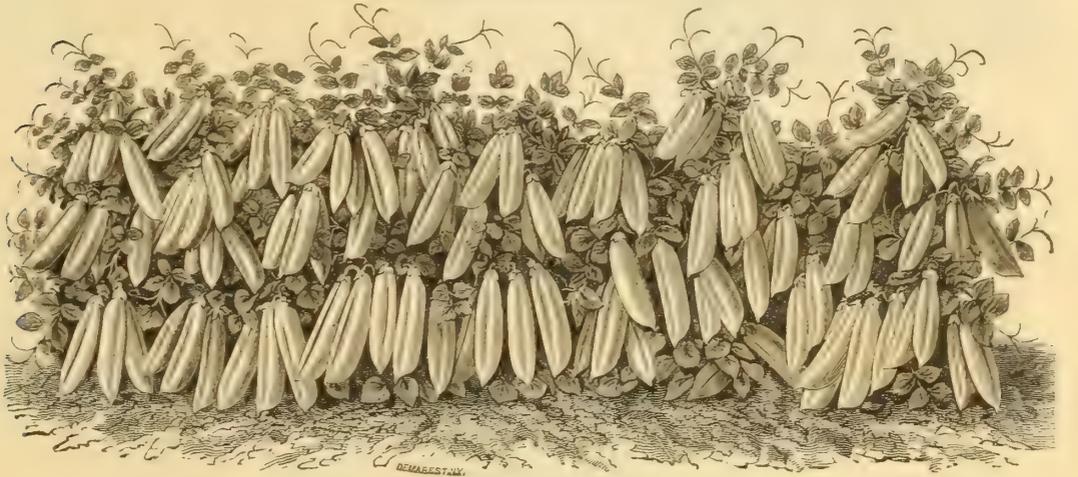


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NEW EXTRA EARLY PEA—HENDERSON'S FIRST OF ALL.

For several years we have supplied limited quantities of this extra early Pea to growers for market in our immediate vicinity, and in every case the reports that have reached us unite in pronouncing it earlier than any other sort they had grown. Nearly all the trials that were made were comparative, and made alongside the best stocks of Improved Daniel O'Rourke, Philadelphia Extra Early, Caractus, and other varieties of the same class, and in every instance "First of All" sustained the name we gave it. This year we are enabled to offer it in a general way, and we would be pleased if our patrons, particularly our market garden friends, would during the season write and give us their opinion of it. It is fully 6 inches dwarfer than the Improved Daniel O'Rourke, produces pods of good size and well-filled with peas of excellent flavor; it is a prodigious bearer, and ripens up so thoroughly as not to require more than two pickings to clear off the crop. In this last feature and in its earliness consists its great value to market gardeners. Our trial book for 1883 shows that this stock was fit to pick on the 5th of June, which was fully a week earlier than any of our other extra early Peas.

30 cts. per quart; \$2.00 per peck; \$7.50 per bushel.



NEW DWARF PEA—"AMERICAN WONDER."

(True, and grown from original stock.)

A large supply of this most desirable Pea enables us to offer it this year at as low prices as any of the older varieties are sold at. *American Wonder* is a seedling, the result of a cross between the *Champion of England* and *Little Gem*; it is one of the earliest wrinkled Peas in cultivation, of the finest quality and wonderfully productive; its great distinctive feature, however, is its compact and dwarf growth, seldom exceeding ten inches in height. Our illustration, which has been widely imitated, was taken from an actual sketch of it as it appeared in our Trial Grounds two years ago.

Price, 30 cts. per quart; \$2.00 per peck; \$7.50 per bushel.

SEE DESCRIPTION OF THE NEW CELERY, "HENDERSON'S WHITE PLUME," PAGE 11.

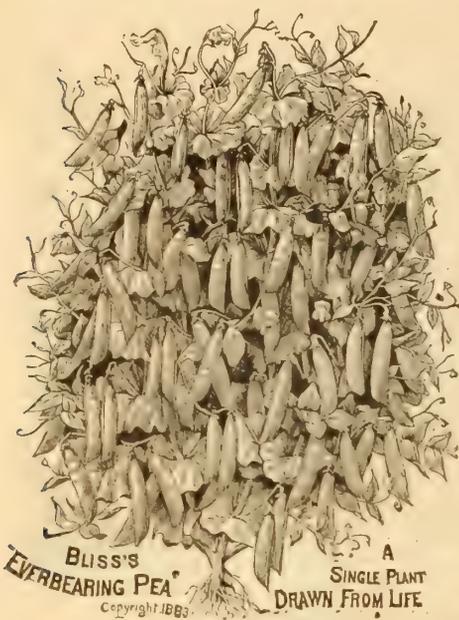
BLISS'S EVERBEARING PEA.

Of this new variety, which will be disseminated for the first time this season, the introducers say, "The want of a reliable first-class Pea for summer and autumn use has long been felt. With this new and remarkable variety we are confident to place before the public a Pea, which, when sufficiently known, will everywhere be recognized as the main dependence for a summer and autumn crop.

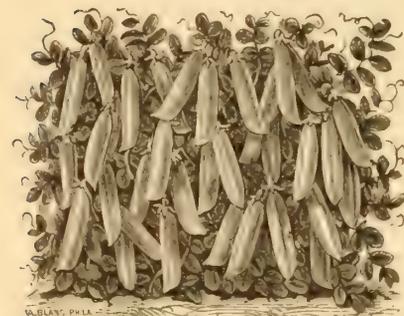
Season late to very late. Height of vines, eighteen inches to two feet; foliage, very large; pods, three to four inches long on the average, each pod producing six to eight wrinkled peas; size of peas, very large, half an inch and over in diameter; quality, unsurpassed in sweetness as well as flavor; in fact, it possesses a peculiar richness and marrowy flavor not found in any other variety. Its habit of growth is of a peculiar branching character, forming as many as ten stalks from a single root stalk. One hundred pods have been counted on a single vine. The individual branches are of extraordinary strength and substance, so that when hilled up properly, they stand up well without brushing. We do not hesitate to say that for continuance of bearing, this variety is unexcelled if equaled, a characteristic which gives it especial value for late summer and autumn use. After repeated pickings of quantities of full sized pods, the vines continue to be covered with blossoms and buds developing to maturity in turn, and making it practically as perpetual a bearer as can be found in the Pea tribe.

Owing to the branching habit of the plant, the seed should be sown considerably thinner than is customary with other kinds, else the vines will become too crowded and straggling, to the detriment of the crop. Half a pint of seed of the **Ever-Bearing Pea** will plant as much ground as a quart of most other kinds. We have obtained best results by planting the single peas six inches apart in the rows, covering those planted in early spring three inches, and those planted in summer four to five inches.

On account of the scarcity of the seed, it will not be offered this season in larger quantities than one-quarter pint packages, at 25 cts. each, by mail, or 5 packets for \$1.00. One packet will plant a row one hundred feet long, and will bear until the vines are cut down by frost."



BLISS'S EVERBEARING PEA
Copyright 1883
A SINGLE PLANT DRAWN FROM LIFE

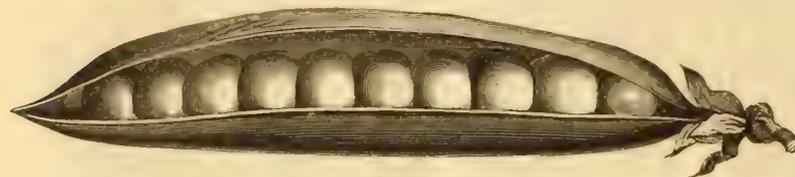


LAXTON'S MINIMUM PEA.

LAXTON'S MINIMUM PEA.

Our illustration will give a very fair idea of this very distinct variety. It is a white wrinkled sort; a prodigious bearer, exceedingly early and very dwarf, and of splendid quality. From its low growth it will undoubtedly prove to be one of the best varieties for forcing either in the hot-bed or green-house.

15 cts. per packet; 50 cts. per quart.



LAXTON'S MARVEL PEA.

It is a main crop variety and of unequalled flavor. 15 cts. per packet; 40 cts. per qt.

LAXTON'S MARVEL PEA.

A variety of quite recent introduction, attaining a height of 3 ft., and a very prolific bearer, producing white wrinkled peas in handsome curved pods.

NEW SWEET PEPPER, GOLDEN DAWN.

A most beautiful and distinct new Pepper. In shape and size it is very like the well-known Large Bell, but is of a much more delicate flavor, and the color, of course, is altogether different, being of a beautiful golden yellow. Altogether it is very novel and distinct.

10 cts. per pkt.; 50 cts. per oz.; \$1.75 per 1/4 lb.

NEW PEPPER, WILLIAMS' LITTLE GEM.

This novelty is of a dwarf branching habit, scarcely exceeding 9 inches in height. The leaves are small and oval-shaped. The fruit or berries are of globular form, about the size of a red currant, and are of a brilliant scarlet hue. They are produced in the greatest profusion, and, we think, will be found most useful in preparations of Pepper Sauce. Besides, the plant is so beautiful that, when grown in pots, it will always prove a splendid decoration for the dinner table, or, in fact, in any situation where a beautiful effect is desired.

Price, 50 cts. per pkt.

SEE DESCRIPTION OF THE NEW CELERY, "HENDERSON'S WHITE PLUME," PAGE 11.

ONION SEED.

We desire to call the special attention of market gardeners to our fine stocks of all the leading varieties of Onion, which will be found fully described under the proper heading in the body of this Manual. All the seed we offer has been grown from selected bulbs in every case, and has been fully tested by us as to its germinating qualities. We have given special attention to Onion for several years now, and it is certain to give the same general satisfaction as other specialties with which we have become identified. In our Mr. Peter Henderson's new book, "Garden and Farm Topics," (see Introduction), this most important crop has been fully treated of, and all the latest known details of culture have been incorporated in the article. Prices, as will be seen, are exceptionally low this season, and to those desiring larger quantities, we should be pleased to give special rates on application.



SOUTHPORT WHITE GLOBE.

	pkt.	oz.	¼ lb.	lb.
Extra Early Red	\$0.05	\$0.15	\$0.50	\$1.50
Wethersfield Large Red . . . . .	.05	.15	.40	1.25
Yellow Globe Danvers . . . . .	.05	.10	.30	1.00
Yellow Dutch or Strasburg . . . . .	.05	.10	.30	1.00
White Portugal, or Silverskin . . . . .	.05	.20	.75	2.50
Southport White Globe. (See cut.) . . . . .	.05	.20	.75	2.50
Large Red Globe . . . . .	.05	.15	.40	1.25
Southport Yellow Globe . . . . .	.05	.20	.60	2.00

SPINACH, NEW THICK LEAF.

One of the very best market varieties. Produces a large, thick, strong green leaf, somewhat crumpled, and possesses the valuable quality of standing a long time before running to seed.

5 cts. per pkt.; 10 cts. per oz.; 15 cts. per ¼ lb.; 50 cts. per lb.

SPINACH, LONG STANDING.

The valuable characteristic of remaining a long time before running to seed is even more marked in this variety of Spinach than in the sort just mentioned. In all other respects the Long Standing closely approaches the well-known Round Leaf.

5 cts. per pkt.; 10 cts. per oz.; 15 cts. per ¼ lb.; 50 cts. per lb.

PERFECT GEM SQUASH.

This remarkable variety, after a thorough trial, has proved to be most valuable and distinct. It is found to be equally desirable either as a summer or a winter Squash, as it possesses the best features of both classes. It is a strong grower and a large yielder, as many as 24 Squashes having been produced from a single vine. The Squashes are from 4 to 6 inches in diameter, of a creamy white, with thin, smooth shell, slightly ribbed. The flesh, cooked, is dry, sweet and rich in flavor and free from the strong taste often found in winter sorts. It is a splendid keeper, and in a cool, dry room, free from frost, it may be kept until spring.

5 cts. per pkt.; 20 cts. per oz.; 60 cts. per ¼ lb.; \$2.00 per lb.



PERFECT GEM SQUASH.

NEWER SORTS OF BUSH BEANS.

IVORY POD WAX BEANS.

We made a very thorough trial of nearly all known bush beans in cultivation last season, and of the entire lot we considered this one of the most distinct and best. It is certainly a week earlier than the Black Wax, and the pods are long and almost of a transparent waxy white color, and entirely stringless. In tenderness it excels almost all other sorts. The beans when ripe are of medium size, white and oval. It is an excellent shelled bean for winter use.

15 cts. per pkt.; 50 cts. per qt.; \$3.50 per peck.

CANADIAN WONDER BEANS.

Produces very large pods, which are borne in the greatest abundance, very fleshy and exceedingly tender when cooked. Excellent as an exhibition variety.

15 cts. per pkt.; 50 cts. per qt.; \$3.50 per peck.

GOLDEN REFUGEE BEANS.

An improvement on the old Refugee. Pods perfectly round and of a very light color. It is particularly well suited for pickling. The seed of this variety in appearance is quite distinct from the old Refugee.

15 cts. per pkt.; 50 cts. per qt.; \$3.50 per peck.

SEE DESCRIPTION OF THE NEW CELERY, "HENDERSON'S WHITE PLUME," PAGE 11.

NEW SORTS OF SEED POTATOES.

Potatoes are now with us one of the most important articles we sell, our spacious cellars containing large quantities of all the standard sorts (see general list), which have been grown very far North, and specially selected for seed purposes. We experiment each season with all new varieties offered, and of the long list of late introductions we have considered the following as likely to prove valuable for general cultivation. (See Special Prizes in Introductory.)



NEW FIRST EARLY POTATO—VANGUARD.

Three years ago our attention was called to this variety, and we have since closely watched it, to make certain before offering that the claim of extreme earliness over all other sorts was fully sustained. That it is all that the originator claims for it, there is no doubt whatever in our minds after repeated comparative trials. Outside the experiments conducted by ourselves, we took the precaution to have the "Vanguard" thoroughly tested by two of the most extensive and prominent Potato growers in the country, whose letters will be found below. Our illustration is a trifle smaller than the average size of the tubers, the skin is white and smooth, indented with few and shallow eyes; in yield it equals any of the early sorts, while the quality is unsurpassed. In earliness it has in every instance when grown side by side with the earliest varieties been 2 1/2 to 3 to dig never less than ten and often twelve and fourteen days before any other sort had matured. From our holding back this variety until we felt assured that it was worthy of the widest distribution, we have accumulated a stock large enough to allow us to offer it at what, for a new Potato, we consider very reasonable prices.

"Last spring you sent me for trial your new seedling potato with a request that I should plant them and report the result. They were planted the last week in April beside Early Rose and Early Sunrise, on the same day, using a fertilizer at the rate of 600 lbs. per acre. The first week in July they were examined and found large enough for the table. The last week in July the crop was fully matured and I do not hesitate to pronounce them fully ten days earlier than either the Early Sunrise or Early Rose, and its yield as compared with the above named varieties was most satisfactory, being at least 15 per cent. in excess of either.

I have tested the quality and it is all that could be desired. In mealiness and fine, delicate flavor, it is equal to Snowflake. I believe it will become the standard variety for earliness, quality and productiveness.

J. L. CONOVER.

Under date of November 3d, E. L. Coy, of Washington County, N. Y., writes: "Its quality is certainly very fine. We have cooked them and found them everything that could be desired. When planted side by side with the Beauty of Hebron and Early Rose they ripened fully ten days earlier than either."

1 lb. by Mail 75 cts.; 3 lbs. by Mail \$2.00; by Express or Freight \$1.50 per peck; \$5.00 per bushel; \$10.00 per bbl.

POTATO, WALL'S ORANGE.

A new late variety that has been highly praised, and which is considered by competent authorities, as a table variety, to be unsurpassed. Its color is very distinct, being of a decided orange hue, from which it derives its name. The originator claims that it is unequalled in quality and productiveness, and one of the strongest growers ever seen.

60 cts. per peck; \$2.00 per bushel; \$4.00 per bbl.

POTATO, JUMBO.

Offered for the first time last season, and has fully borne out the claims we made for it. It is one of the very heaviest growing potatoes in cultivation, being at least one-third more than the Peerless, which, as is generally known, is a very heavy yielder. It seems to be entirely free from rot and is one of the very best keepers. The vines are heavy and close and afford full protection from the sun thus acting as a mulch to retain the moisture. The tubers are nearly round; skin white; eyes small and sunken; flesh white, of excellent flavor, and either baked or boiled they are dry and mealy.

60 cts. per peck; \$2.00 per bushel; \$4.00 per bbl.

POTATO, EARLY MAYFLOWER.

This valuable new sort was offered by the introducers last year, only by the lb., and from all that we can learn it is undoubtedly a most desirable acquisition to an already long list of excellent sorts. It is said to ripen about with the Early Rose, while the quality is claimed to be equal to that of Snowflake. In fact the Mayflower is a cross between the Snowflake and Peerless. The tubers are of medium size and run very uniform, slightly flattened, oval-shaped; light lemon color. The skin is well covered with very fine netting; eyes are very few; flesh white and solid. Cooks evenly and thoroughly without falling to pieces and has no hard core so common to many other sorts. The vines are strong and vigorous and of a spreading rather than an upright growth.

1 lb. by Mail 75 cts.; 3 lbs. by Mail for \$2.00; by Express or Freight \$2.50 per peck; \$8.00 per bushel; \$16.00 per bbl.

POTATO, EARLY TELEPHONE.

This seedling was sent out by the originator of Brownell's Best, which potato it somewhat resembles in appearance. One of the best authorities on potatoes considers the Early Telephone a great acquisition, as in yield and quality it is unsurpassed. From one tuber last spring 40 lbs. was the product.

60 cts. per peck; \$2.00 per bushel; \$4.00 per bbl.

SEE DESCRIPTION OF THE NEW CELERY, "HENDERSON'S WHITE PLUME," PAGE 11.

NEW TOMATO—THE CARDINAL.

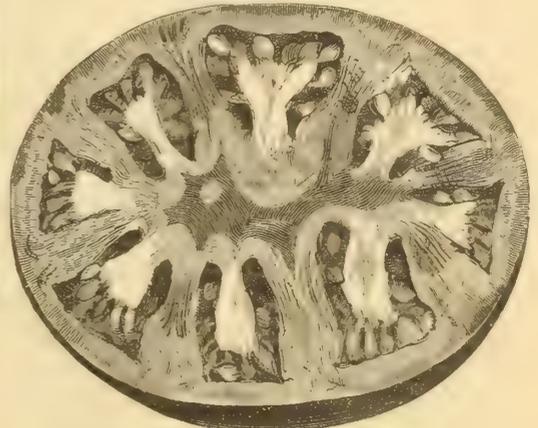
This new Tomato comes to us so highly recommended, that we have decided to offer it to our patrons before trial. The following description is furnished us by the introducers:

"In color it is most remarkable, coloring right up to the calyx and every specimen of virtually one color, and that the most brilliant cardinal red, very glossy, looking when ripe almost as if varnished. The flesh appears of the same brilliant color, being scarcely any lighter. They make the handsomest sliced tomatoes imaginable, and have absolutely no green core, while the thickness of the pulp is most remarkable. Its type is perfect, being uniformly smooth, free from any ridges or corrugations. It is as early as any good Tomato and is much larger in size than the average. It is exceedingly solid and of wonderful firmness. Ripe fruits picked in midsummer have kept in fine condition from ten days to two weeks, and it is thought that for shipping long distances it will prove a great acquisition to market gardeners, particularly in the South, and from its handsome appearance it must certainly command the highest price. It is of vigorous growth and yet comparatively compact in habit, with strong stalks. It bears abundantly throughout the season, and, weight of fruit considered, is the most productive variety known."

Price, 25 cents per packet; 5 packets for \$1.00.



THE "CARDINAL" TOMATO.



(HALF-SECTION), LIVINGSTON'S FAVORITE TOMATO

TOMATO, LIVINGSTON'S FAVORITE.

This is the latest seedling sent out by Mr. Livingston, who has already given us such standard and valuable sorts as Acme, Paragon and Perfection. It is one of the largest and most perfect shaped varieties in cultivation. Ripens evenly and early and holds its size to the end of the season. It is very prolific, has few seeds, solid flesh, and bears shipping long distances.

10 cts. per pkt.; 40c. per oz.; \$1.25 per ¼ lb.; \$4.50 per lb.

TOMATO, MAYFLOWER.

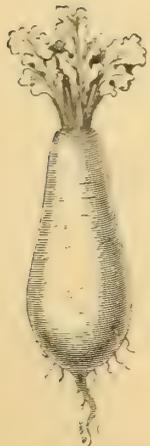
This is perhaps the earliest large tomato grown. The shape is perfectly globular, slightly flattened and perfectly smooth. Of a glossy red color and ripens perfectly and evenly close up to the stem. It is a large yielder and its shipping qualities are excellent.

10 cts. per pkt.; 40c. per oz.; \$1.25 per ¼ lb.; \$4.50 per lb.

NEW TURNIP—SNOWWHITE OLIVE SHAPED.

A new white variety of the form shown in our illustration, and which possesses the distinction of being exceedingly early, and of remarkably fine quality. Unsurpassed for table use.

10 cts. per pkt.; 25 cts. per oz.; 75 cts. per ¼ lb.; \$2.50 per lb.



SNOWWHITE OLIVE SHAPED TURNIP.

LONG YELLOW SIX WEEKS. Early and prolific; an excellent variety for general crop. Qt., 30 cts.; peck, \$2.00.

BLACK WAX, OR BUTTER. The pods, when ripe, are of a waxy yellow, transparent, very tender and delicious; an excellent variety. Qt., 40 cts.; peck, \$2.50.

White Seeded Wax. A variety with wax-like pods very similar to the Black Seeded Wax, except in color of seeds. Qt., 40 cts.; peck, \$2.50.

IVORY POD WAX. (See Novelties.) 15 cts. per pkt.; 50 cts. per qt.; \$3.50 per peck.

CANADIAN WONDER. (See Novelties.) 15 cts. per pkt.; 50 cts. per qt.; \$3.50 per peck.

GOLDEN REFUGEE. (See Novelties.) 15 cts. per pkt.; 50 cts. per qt.; \$3.50 per peck.

CRYSTAL WHITE WAX. A beautiful and distinct variety of recent introduction. It produces pods of fair size, of exceedingly rich and tender flavor; in color waxy white, and almost as transparent as glass. It is a stringless variety, very productive, and the pods, though quick to develop, are slow to harden, and thus retain their tenderness on the bush for a long time. Qt., 40 cts.; peck, \$2.50.

GOLDEN WAX. One of the most valuable acquisitions made in late years to our list of Bush Beans. It is an entirely distinct variety, a week or ten days earlier than the Dwarf Black Wax; the pods are large, long and brittle, and entirely stringless. As a Snap Bean it excels all others in richness and tenderness of flavor, and has the further merit of being one of the best Shell Beans grown for winter use. Qt., 40 cts.; peck, \$2.50.

Green Flageolet. Qt., 40 cts.; peck, \$2.50.

FLAGEOLET WAX. Qt., 40 cts.; peck, \$2.50. The Flageolet class are generally classed as string beans; but the above two sorts are by far the best when used as shell varieties, cooked and served like the Lima.

Newington Wonder. A wonderfully productive sort; pods very crisp and tender; a valuable variety for forcing. Qt., 30 cts.; peck, \$2.00.

REFUGEE, OR THOUSAND TO ONE. Very productive, though not early; young pods, extremely tender and of fine flavor; extensively grown as a main crop. Qt., 30 cts.; peck, \$2.00.

Turtle Soup. A fine variety, the young pods of which are very tender and of good flavor. The ripe seeds are used in the preparation of Turtle Soup. Qt., 30 cts.; peck, \$2.00.

Dwarf Horticultural. A bush variety of the well-known Horticultural Pole Bean. Qt., 30 cts.; peck, \$2.00.

Large White Kidney. Excellent as a shell bean, green or ripe. Qt., 30 cts.; peck, \$2.00.

White Marrowfat. Extensively grown for sale in the dry state; of average quality as a string bean, but excellent shelled, either green or dry. Qt., 30 cts.; peck, \$2.00.

BEANS—Pole or Running.

German, *Stangen-Bohnen*.—French, *Haricot à Rames*.—Spanish, *Judias*.

These are more tender and require rather more care in culture than the Bush Beans, and should be sown two weeks later than these; they succeed best in sandy loam, which should be liberally enriched with short manure in the hills, which are formed according to variety, from three to four feet apart; from five to six seeds are planted in each hill, about two inches deep.

Add 30 cts. per quart extra if to be sent by mail. Pints

furnished at quart rates.

Parties ordering by the bushel will be supplied at reduced rates.

LARGE WHITE LIMA. This is esteemed the best of all the Pole Beans, and is almost universally grown both for market and private use. Qt., 40 cts.; peck, \$3.00.

Small Lima or Sieva. It is earlier and more hardy than the preceding; seed small, white and flat-shaped. Qt., 50 cts.; peck, \$3.50.

DREER'S IMPROVED LIMA. The distinctive features of this variety are early maturity, large yield, and extra quality of Bean. It is also claimed that it produces more shelled beans to the pole than the large Lima. Qt., 40 cts.; peck \$3.00.

Dutch Case-Knife. A very productive variety, and one of the earliest; sometimes used as "snaps," but generally shelled. Qt., 40 cts.; peck \$3.00.

Horticultural or Speckled Cranberry. A popular variety for private use; equally serviceable in the green state or when shelled. Qt., 40 cts.; peck, \$3.00.

Scarlet Runner. A great favorite in European gardens, both as an ornamental plant and useful vegetable. It grows to the height of ten feet, producing dazzling scarlet flowers. Qt., 50 cts.; peck, \$3.50.

GIANT WAX. Pods long, clear, waxy-yellow; thick and fleshy; very productive; when cooked, tender and delicious. Qt., 60 cts.; peck, \$4.50.

German Wax Pole. One of the best varieties, either for snaps or shelled in the green state. Qt., 50 cts.; peck, \$3.50.

BEET.

German, *Runkel Rube*.—French, *Betterave*.—Spanish, *Betteraga*.

The soil which is best suited for the culture of the beet is that which is rather light than otherwise, always provided that it is thoroughly enriched by manure. For an early supply sow in spring, as soon as the ground becomes fit to work, in drills about one foot apart, and two inches deep. For main crop, sow the first week in May, and for winter use sow in June. These dates for the latitude of New York; for the South, sow earlier; for the North, later. When the plants have attained three or four leaves, thin out so that they may stand five or six inches apart. Keep free from weeds by hand-weeding or hoeing. In October the roots may be taken up and stored in cellar or in pits outside like potatoes, care being taken that they are not bruised or injured in the process.

If by mail in quantities of ¼ lb. and upward, postage must be added at the rate of 16 cts. per lb.

EGYPTIAN TURNIP. The earliest beet in cultivation and one of the leading market sorts; color deep crimson. Of excellent quality. (See cut.) Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., \$1.00.

BASTIAN'S BLOOD TURNIP. After the Egyptian Turnip probably the earliest variety of Beet. Is of blood red color when boiled. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

DEWING'S IMPROVED BLOOD TURNIP. Roots deep blood-red, of fine form and flavor. Very early. An excellent market variety. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

EARLY BLOOD TURNIP. The standard early sort; an excellent variety. (See cut.) Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

Early Flat Bassano. Chiefly valuable for its earliness. (See cut.) Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

Long Smooth Blood-Red. An excellent late variety, a great improvement on the common Long Blood. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

Early Yellow Turnip. Similar to the Blood Turnip, but differing in color; flesh yellow, tender and sweet. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., \$1.00.

PINEAPPLE. A highly esteemed English variety, of rich, deep crimson color. (See cut.) Pkt., 5 cts.; oz., 21 cts.; ¼ lb., 60 cts.; lb., \$2.00.

Brazilian Variegated. Beautiful for garnishing and flower garden decoration, the stems and veins being richly colored with crimson, yellow, and white. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.25.

Swiss Chard, Silver or Sea-Kale Beet. This variety is cultivated solely for its leaves. The mid-rib is stewed and served as Asparagus, the other portions of the leaf being used as Spinach. If often cut, new and more tender leaves will be reproduced. (See cut.) Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

The following varieties are grown for feeding stock. Sow in April and May. Six to eight pounds per acre. PETER HENDERSON'S REVISED ESSAY ON THE CULTIVATION OF "ROOT CROPS FOR FARM STOCK," WILL BE FOUND IN THE NEW BOOK, "GARDEN AND FARM TOPICS."

See "Special Prizes for Best Vegetables," in *Introductory*.

NORBITON GIANT LONG RED MANGEL WURZEL. One of the finest stocks of Long Red Mangel in cultivation. (See cut.) Oz., 10 cts.; ¼ lb., 25 cts.; lb., 80 cts.

MAMMOTH LONG RED MANGEL WURZEL. A particularly fine stock of Mangel. The roots attain an enormous size, smooth and regular in shape. Oz., 10 cts.; ¼ lb., 25 cts.; lb., 80 cts.

HENDERSON'S COLOSSAL LONG RED. (See page 9.) Oz., 10 cts.; ¼ lb., 25 cts.; lb., 80 cts.

Long Red Mangel Wurzel. This variety is more generally grown for agricultural purposes than any other, producing roots of large size and excellent quality. Oz., 10 cts.; ¼ lb., 15 cts.; lb., 50 cts.

YELLOW OVOID. (See cut.) In shape this sort is intermediate between the Long and Globe varieties. A very nutritious and valuable variety. Oz., 10 cts.; ¼ lb., 25 cts.; lb., 80 cts.

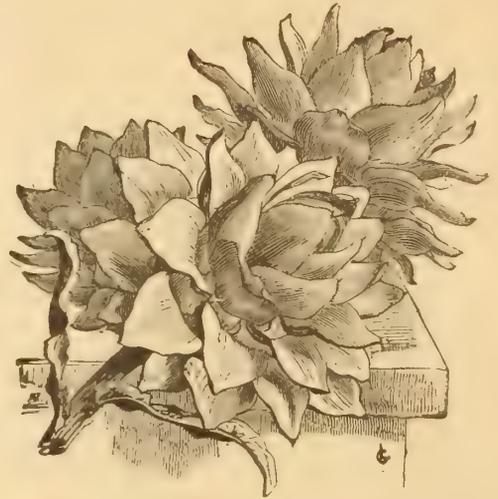
LONG YELLOW MANGEL WURZEL. Differs from the Long Red only in color. Oz., 5 cts.; ¼ lb., 15 cts.; lb., 50 cts.

KINVER YELLOW GLOBE. (See cut.) The Kinver Globe is one of the best stocks of Yellow Globe-Mangel in cultivation. See further reference to it in our article on "Root Crops," referred to above. Oz., 10 cts.; ¼ lb., 25 cts.; lb., 80 cts.

HENDERSON'S CHAMPION YELLOW GLOBE. Smooth, globe-shaped roots, of large



Colossal Asparagus.
See page 20.



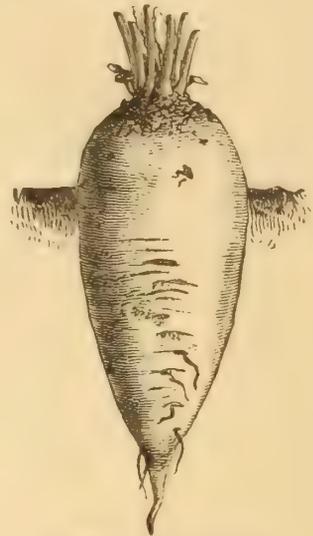
Large Globe Artichoke.
See page 20.



Pine Apple Beet.
See page 21.



Brussels Sprouts.
See page 23.



White Sugar Beet.
See page 23.



Blood Turnip Beet.
See Page 21.



Swiss Chard.
See page 21.



Bassano Beet.
See page 21.

size and excellent quality, are the distinctive features of this variety. Oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 80 cts.

GOLDEN TANKARD. (See description, page 9.) Oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 80 cts.

Yellow Globe Mangel Wurzel. Roots of large size and globular form; very productive; keeps better than the Long Red, and is better adapted for growing in shallow soils. (See cut.) Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 50 cts.

Red Globe Mangel Wurzel. Is identical with the Yellow Globe except in color. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 50 cts.

White Sugar Beet. Attains a large size and is extensively grown for feeding; largely cultivated in France for the manufacture of sugar. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 50 cts.

VILMORIN'S IMPROVED WHITE SUGAR BEET. A greatly improved variety of the preceding. Oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

LANE'S IMPERIAL SUGAR BEET. An improved variety of the French Sugar Beet, obtained by careful selection in this country, and recommended as being harder, more productive, and containing a greater per centage of sugar than the ordinary variety. Oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 75 cts.

BROCCOLI.

German, *Broccoli*, *Spargel-Kohl*.—French, *Chou Brocoli*.—Spanish, *Brocoli*.

Nearly allied to the Cauliflower, but more hardy; the seed should be sown in this district in the early part of May and transplanted in June; further south the sowing should be delayed until June or July, and the transplanting accordingly from August to October. In parts of the country where the thermometer does not fall below 20 or 25 degrees, Broccoli may be had in perfection from November until March. It succeeds best in a moist and rather cool atmosphere.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 16c. per lb.

WHITE CAPE. Heads medium size, close, compact and of creamy white color; one of the most certain to head. Pkt., 15 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.50.

PURPLE CAPE. Differs only in color. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.75.

Walcheren. A valuable variety, with very large, firm heads. Pkt., 15 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.50.

BRUSSELS SPROUTS.

German, *Kopfkohl Grüner*.—French, *Chou de Bruxelles*.

This is one of the best vegetables for winter use, producing from the axils of the leaves an abundance of sprouts resembling small cabbages, of excellent mild flavor. It has never come into general use in this country, probably owing to its being too tender to stand the winters of the Northern States; still by sowing in April or May and planting out in July, it may be had in fine condition until December, and in the Southern States may be had in use from November to March.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 16 cts. per lb.

TALL FRENCH. (See cut.) Very fine. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Dwarf Improved. A variety producing compact sprouts of excellent quality. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$3.00.

CABBAGE.

German, *Kopfkohl*.—French, *Chou Pomme*.—Spanish, *Repollo*.

The early varieties of Cabbage are cultivated more extensively than any other vegetable. In latitudes where the thermometer never indicates 20 degrees below the freezing point, seed may be sown in the open border in October and planted out on the first opening of spring; but in our Northern States they must either be sown in hot-beds in February, or, what is still better, wintered over in cold frames; for this purpose the seed is sown from the 10th to the 20th of September. Attention to date is important; if too soon the plants might run to seed, and if too late they would be too small. In four or five weeks from the time of sowing they will be fit to transplant into the cold frames. In planting it is very important with Cabbage or Cauliflower that the plant is set down to the first leaf, so that the stem is all under ground, for, if exposed, it will be split by the action of the frost, and will be injured in consequence. The plants are usually set out from the middle of March to the middle of April, in rows about two feet apart, and eighteen inches between the plants in rows. The late varieties are usually sown in the early part of May, and the plants are set in July, at distances of three feet between the rows, and two feet between the plants. If to be grown for market purposes, for complete details see our new book "Garden and Farm Topics."

If by mail in quantities of $\frac{1}{4}$ lb. and upward, postage must be added at the rate of 16 cts. per lb. See "Special Prize for Best Vegetables," in Introductory. Large crops of seed in 1883 enable us to offer all varieties of Cabbage at the exceptionally low prices here given.

HENDERSON'S SELECTED EARLY JERSEY WAKEFIELD. (See page 8.) Extensively grown in all parts of the country as the best and most profitable early variety in cultivation. An extra fine stock. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.

HENDERSON'S EARLY SUMMER. (See page 8.) Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

HENDERSON'S PREMIER. (See page 9.) Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.

EARLY WINNINGSTADT. An excellent sort; heads of large size; one of the best for general use. (See cut.) Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

EARLY FLAT DUTCH. (True.) A valuable variety, largely grown in the vicinity of New York. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

EARLY YORK. A well-known, favorite variety. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Large Early York. Larger and later than the preceding. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

EARLY FRENCH OX HEART. A favorite market variety. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Large Early Schweinfurt. A large early variety; fine for summer and fall use. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

FOTTLER'S IMPROVED BRUNSWICK. An excellent second early and late variety. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

ST. JOHN'S DAY EARLY DRUMHEAD. A very distinct early variety, very dwarf, with medium-sized, close, hard heads, about as early as the Winningstadt. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.00.

HENDERSON'S SELECTED LATE FLAT DUTCH. (See description page 8.) 1 kt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

LARGE LATE DRUMHEAD. Grows to a large size, with round compact heads. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

LARGE BERGEN DRUMHEAD. One of the latest; heads of large size and fine quality. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

PREMIUM FLAT DUTCH. This is a very fine strain of this standard variety, so largely grown for fall and winter use. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Stone Mason. An improved variety of the Mason Drumhead, of sweet and tender quality. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

MARBLEHEAD MAMMOTH DRUMHEAD. This is a late variety, and the largest of all cabbages; heads have been grown weighing sixty pounds. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Silver-Leaf Drumhead. It is a late cropper, and is considered one of the best shipping and market kinds. It forms a very solid head and is an excellent keeper. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

GREEN GLAZED. A late variety that has been grown for many years in the Southern States, and considered very valuable because of the immunity it enjoys from all insect attacks. It forms heads of good size and quality, and of glossy pea-green color. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

Red Dutch. Used almost exclusively for pickling. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

EARLY BLOOD-REDERFURT. Earlier than the preceding; valuable for pickling. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

DRUMHEAD SAVOY. (American.) The largest heading sort; of excellent flavor. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Early Dwarf Elm Savoy. A very early and superior dwarf variety, of fine flavor. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

NETTED SAVOY. (See special description on page 9.) Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

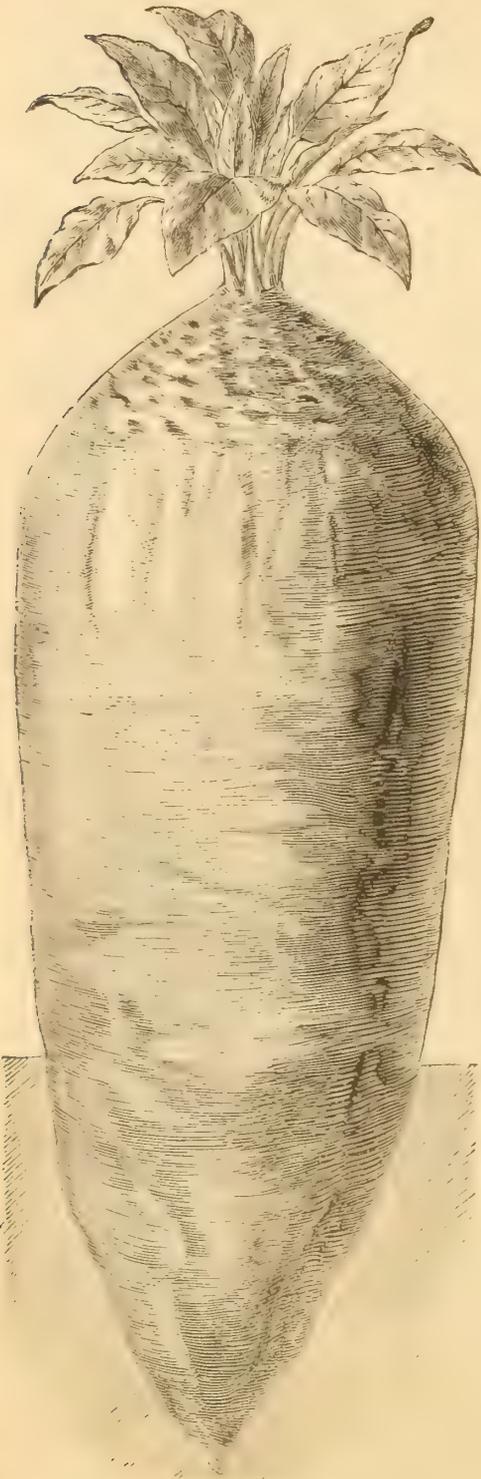
CARDOON.

German, *Kardon*.—Spanish, *Cardo Hortense*.

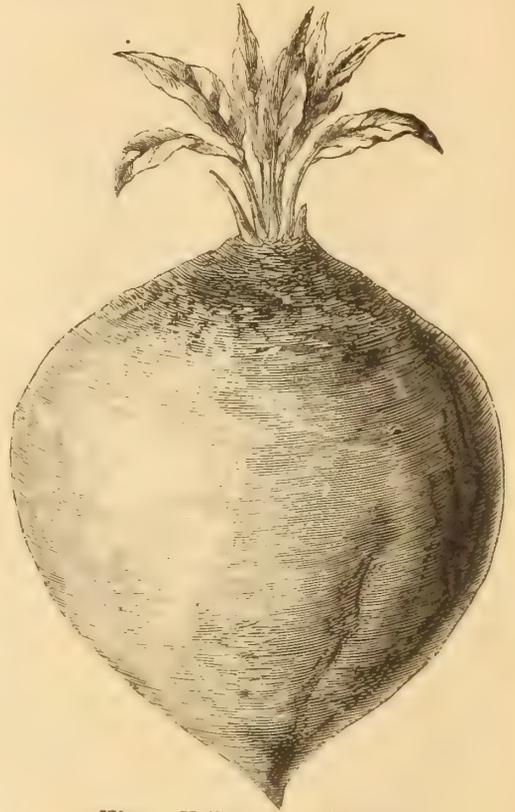
Cardoon is grown for the mid-rib of the leaf, which requires to be blanched in the same manner as Celery. Sow early in spring, where the plants are to remain, in drills three feet apart, an inch and a half deep, and thin out the young plants to a foot apart in the drills.

If by mail in quantities of $\frac{1}{4}$ lb. and upward, postage must be added at the rate of 16 cts. per lb.

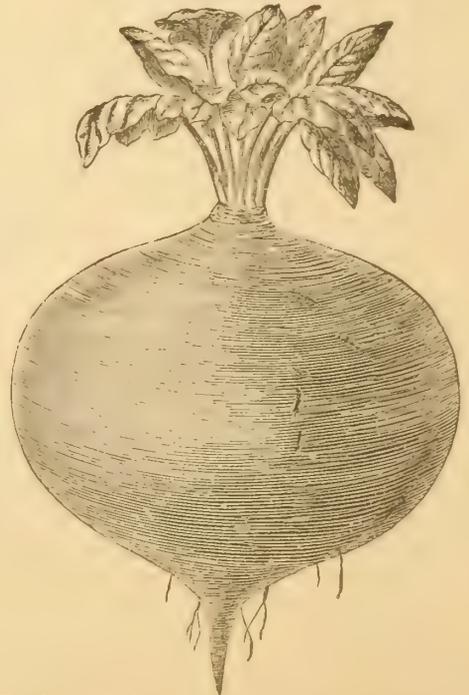
Large Spanish. Pkt. 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.



Henderson's Colossal Mangel.
See page 21.



Kinver Yellow Globe Mangel.
See page 21.



Henderson's Champion Yellow Globe Mangel.
See page 21.

CARROT.

German, Möhre.—French, Carotte.—Spanish, Zanahoria.

The Carrot, like other root crops, delights in a sandy loam, richly tilled. For early crop sow in spring, as soon as the ground is in good working order; for later crops they may be sown any time until the middle of June. Sow in rows about fifteen inches apart, thinning out to three or four inches between the plants. In field culture, when grown for horses or cattle, the rows should be two feet apart, so that the crop can be worked with the Horse Cultivator. As Carrot seed is slow to germinate, all precautions must be taken.

If by mail in quantities of ¼ lb. and upward, postage must be added at the rate of 16 cts. per lb.

Early French Forcing. The earliest variety; valuable for forcing; root small and of fine flavor. (See cut.) Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb., \$1.50.

Early Scarlet Horn. An old and favorite sort much esteemed for early summer use. (See cut.) Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb., \$1.50.

HALF LONG RED STUMP ROOTED. (See cut.) A variety intermediate in size and period of maturity between the preceding and Long Orange. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb., \$1.50.

Early Half Long Scarlet Pointed Rooted. Very similar to the preceding in all respects, except that it is pointed instead of stump rooted. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb., \$1.50.

EARLY HALF LONG SCARLET CARENTAN. A new early variety without core. It is an excellent sort for forcing, or used as an early kind for planting in the open ground. (See cut.) Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb., \$1.50.

LONG ORANGE IMPROVED. Roots of large size, equally adapted for garden or farm culture. (See cut.) Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 90 cts.

DANVERS. A valuable sort; in form mid-way between the Long Orange and Early Horn class. In color it is of a rich shade of orange, growing very smooth and handsome. It is claimed that this variety will yield the greatest bulk with the smallest length of root of any now grown. Under the best cultivation it has yielded from twenty-five to thirty tons per acre. (See cut.) Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 90 cts.

Altringham. Large and fine flavored; an excellent sort. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., \$1.00.

Large White Belgian. A very productive kind, grown almost exclusively for stock; grows one-third out of the ground; lower part of the root white, that above ground green. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

Yellow Belgian. When young, the roots are mild, delicate, and of good flavor; when full grown valuable for stock. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

CAULIFLOWER.

German, Blumen-Kohl.—French, Choufleur.—Spanish, Coliflor.

Any soil that will grow Cabbage will grow Cauliflower, as their requirements are almost similar; but as the product is more valuable, extra manuring and preparation of the soil will be well repaid.

The seeds may be sown in September and wintered over in the same manner as described for early Cabbage. Where this is not practicable, it may be had nearly as well by sowing the seeds in the hot-bed in January or February, and transplanting the plants at two or three inches apart in boxes or in the soil of another hot-bed, until such time as they are safe to be planted in the open ground, which, in this latitude, is usually from the 15th of March to the 10th of April. If properly hardened off they are seldom injured by planting out too early. For further information, if for private use, see our work "Gardening for Pleasure," if for market, see "Gardening for Profit."

If by mail in quantities of ¼ lb. and upward, postage must be added at the rate of 16 cents per lb.

See "Special Prizes for Best Vegetables," in Introductory.

HENDERSON'S EARLY SNOWBALL. (See Special Description, page 10.) Pkt., 50 cts.; oz., \$8.00.

EXTRA SELECTED EARLY DWARF ERFURT. One of the earliest varieties in cultivation. Very dwarf, large, white, compact heads of finest quality. Pkt., 50 cts.; oz., \$10.00.

EXTRA EARLY DWARF ERFURT. A favorite early market variety; large, compact heads of fine quality. Pkt., 25 cts.; oz., \$2.50; ¼ lb., \$9.00.

EXTRA EARLY PARIS. A well-known excellent variety. Pkt., 25 cts.; oz., \$1.25; ¼ lb., \$4.00; lb., \$14.00.

HALF EARLY PARIS, OR NONPABELL. One of the best. Pkt., 20 cts.; oz., 80 cts.; ¼ lb., \$3.00; lb., \$10.00.

Early London. An excellent and very early variety. Pkt., 15 cts.; oz., 75 cts.; ¼ lb., \$2.50; lb., \$8.00.

LENORMAND'S SHORT STEMMED. A large late variety, with well-formed heads of superior quality. (See cut.) Pkt., 15 cts.; oz., 75 cts.; ¼ lb., \$2.50; lb., \$9.00.

Walcheren. An old and favorite variety. Pkt., 15 cts.; oz., 75 cts.; ¼ lb., \$2.50.

ALGIERS. An excellent late sort now getting into general favor. Pkt., 20 cts.; oz., 80 cts.; ¼ lb., \$3.00; lb., \$10.00.

Veitch's Autumn Giant. A valuable late variety, particularly in the Southern States. Pkt., 25 cts.; oz., \$1.00; ¼ lb., \$3.50; lb., \$12.00.

CELERY.

German, Seleri.—French, Céleri.—Spanish, Apio.

Our manner of treating the Celery crop of late years is very much simplified. Instead of sowing the seed in a hot-bed or cold frame as practised in Europe, it is sown in the open ground as soon as it is fit to work in April, and kept carefully clear of weeds until the time of planting in June and July. In our warmer climate—if raised in hot-beds, as in England—a majority of the plants would run to seed. The tops are shorn off once or twice before planting, so as to insure "stocky" plants, which suffer less on being transplanted.

After the ground has been nicely prepared, lines are struck out on the level surface, three feet apart, and the plants set six inches apart in rows. If the weather is dry at the time of planting great care should be taken that the roots are properly "firmed." Our custom is to turn back on the row and press by the side of each plant gently with the foot. This compacts the soil, and partially excludes the air from the roots until new rootlets are formed, which will usually be in forty-eight hours, after which all danger is over. This practice of pressing the soil closely around the roots is essential in planting of all kinds, and millions of plants are annually destroyed by its omission. After the planting of the Celery is completed, nothing further is to be done for six or seven weeks except running through between the rows with the cultivator or hoe and freeing the plants of weeds until they get strong enough to crowd them down. This will bring us to about the middle of August, by which time we have usually that moist and cold atmosphere essential to the growth of Celery. Then we begin the "earthing up" necessary for the blanching and whitening of that which is wanted for use during the months of September, October and November. The first operation is that of "handing," as we term it; that is, after all the soil has been drawn up against the plant with the hoe, it is further drawn close around each plant by the hand, firm enough to keep the leaves in an upright position and prevent them from spreading. This being done, more soil is drawn against the row (either by the plow or hoe, as circumstances require,) so as to keep the plant in this upright position. The blanching process must, however, be finished by the spade, which is done by digging the soil from between the rows, and banking it up clear to the top on each side of the row of Celery. Three feet is ample distance between the dwarf varieties; but when larger sorts are used the width of the rows must be at least four and a half or five feet.

For fuller details on Celery culture, please refer to our new book "Garden and Farm Topics."

☞ The varieties of Celery offered are all of our own growth.

If by mail in quantities of ¼ lb. and upward, postage must be added at the rate of 16 cts. per lb.

See "Special Prizes for Best Vegetables," in Introductory.

HENDERSON'S WHITE PLUME. (See description, page 11.) Pkt., 50 cts.

HENDERSON'S DWARF WHITE. Our favorite market variety; of close habit, solid, crisp and tender. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., \$1.00; lb., \$3.50.

Sandringham Dwarf White. An excellent variety, remarkable for its fine flavor and solidity. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., \$1.00; lb., \$3.50.

Giant White Solid. Of large size, solid and crisp. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., \$1.00; lb., \$3.50.

WHITE WALNUT. (See special description, page 12.) Pkt., 10 cts.; oz., 30 cts.; ¼ lb., \$1.00; lb., \$3.50.

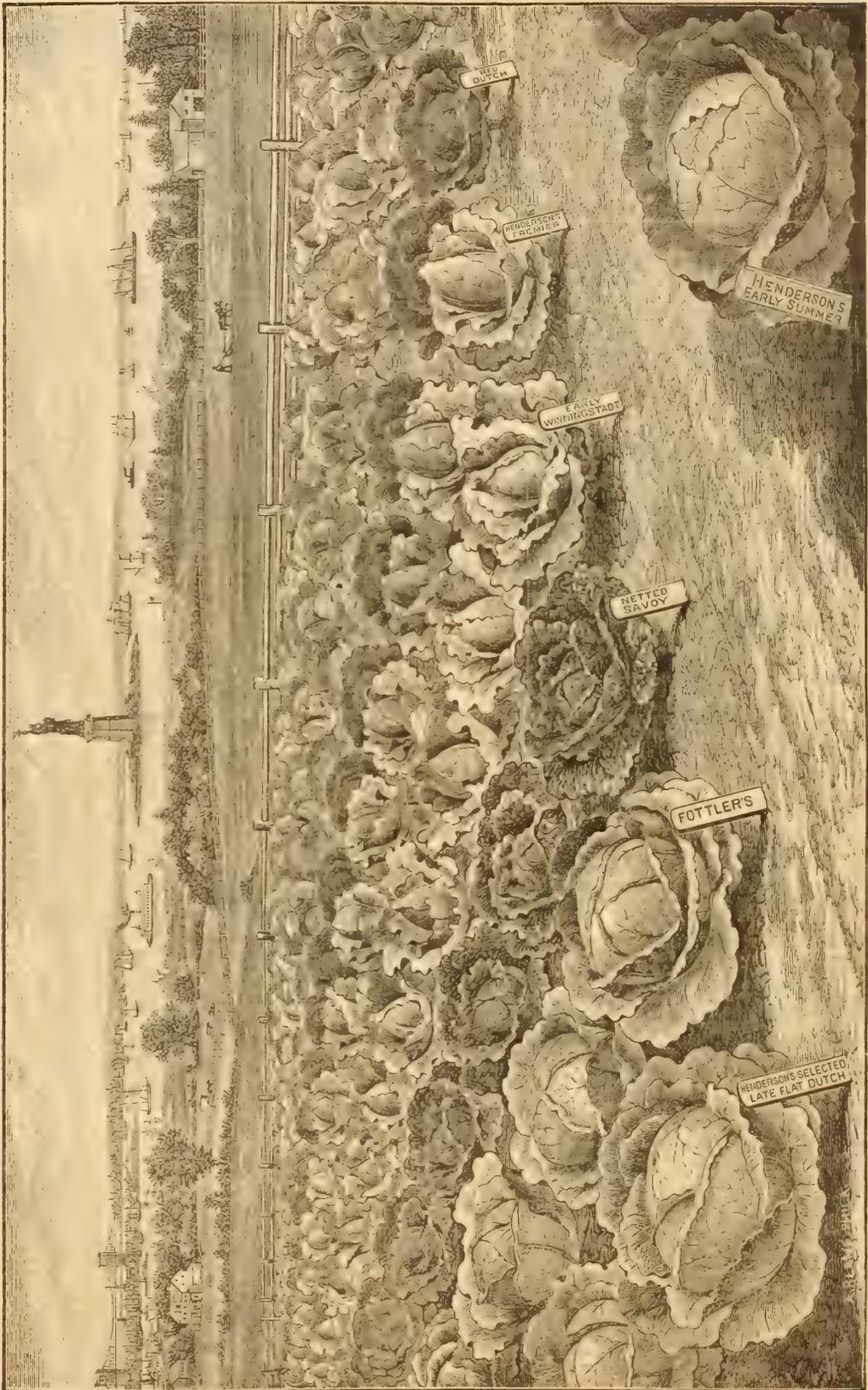
HENDERSON'S HALF DWARF. A remarkably fine and new white variety, intermediate in size between the Dwarf and Large White. (See Special Description, page 12.) Pkt., 10 cts.; oz., 30 cts.; ¼ lb., \$1.00; lb., \$3.50.

BOSTON MARKET. A dwarf-growing, white variety of excellent quality. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., \$1.00; lb., \$3.50.

GOLDEN DWARF. (See Special Description, page 13.) Pkt., 10 cts.; oz., 30 cts.; ¼ lb., \$1.00; lb., \$3.50.

LONDON RED. (See Special Description, page 12.) Pkt., 10 cts.; oz., 30 cts.; ¼ lb., \$1.00; lb., \$3.50.

Major Clarke's Pink. See Special Description, page 12.) Pkt., 15 cts.; oz., 50 cts.; ¼ lb., \$1.50.



Copyright, 1883.

Cabbage Samples in Trial Grounds of Peter Henderson & Co., Jersey City Heights (2 miles from City of New York.)

HOOD'S DWARF RED. An excellent dwarf variety, solid and crisp. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., \$1.00; lb., \$3.50.

Soup Celery. (Old Seed.) Excellent for flavoring. Lb., 50 cts.

CELERY PLANTS.

Full detailed Price List will be sent to applicants June 20th.

CELERIAC, TURNIP-ROOTED CELERY.

French, *Celeri-rave*.—German, *Knol-Seleri*.

If by mail in quantities of ¼ lb. and upward, postage must be added at the rate of 16 cts. per lb.

Large Erfurt. A variety of Celery having turnip-shaped roots, which may be cooked and sliced, and used with vinegar, making a most excellent salad. It is more hardy and may be treated in the same manner as Celery. (See cut.) Pkt., 10 cts., oz., 25 cts.; ¼ lb., 75 cts.; lb., \$2.50

New Apple-shaped. A great improvement over the old variety, having small foliage, large tubers almost round in shape, and smooth. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., \$2.50.

CHICORY.

If by mail in quantities of ¼ lb. and upward, postage must be added at the rate of 16 cts. per lb.

Large Rooted. Used to mix with, or as a substitute for Coffee. Cultivation the same as the Carrot. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., \$1.00.

CHERVIL.

German, *Gartenkerbel*.—French, *Cerfeuil*.

If by mail in quantities of ¼ lb. and upward, postage must be added at the rate of 16 cts. per lb.

Chervil, Curled. An aromatic sweet herb. The young leaves are used in soups and salads. Sow thinly in May, in drills half an inch deep, one foot apart. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., \$2.00.

— **Tuberous Rooted.** Sow in March or April; after treatment same as Carrot. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., \$1.00; lb., \$3.00.

COLLARDS, True Georgia.

French, *Chou*.—German, *Blüther-Kohl*.

Sow for succession from June to August, and treat as Cabbage, in rows one foot apart.

If by mail in quantities of ¼ lb. and upward, postage must be added at the rate of 16 cts. per lb.

Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., \$2.00.

CORN, Sugar.

German, *Welschkorn*.—French, *Maïs*.—Spanish, *Maiz*.

All varieties of Sweet or Sugar Corn may be either sown in rows four and a half feet apart, and the seeds planted about eight inches in the rows, or planted in hills at distances of three or four feet each way, according to the variety and the richness of the soil in which it is planted. The taller the variety, or the richer the soil, the greater should be the distance apart. We make our first plantings in this vicinity about the middle of May, and continue successive plantings every two or three weeks until the last week in July. In more southerly latitudes planting is begun a month earlier and continued a month later.

Add 20 cts. per quart extra if to be sent by mail. Pints furnished at quart rates.

Bushels supplied at reduced rates.

EXTRA EARLY TOM THUMB. A very early medium-sized eight-rowed variety. Kernels of fair size, white and sweet; stalks about three feet high; it is already a popular market variety, as it is said to be a week earlier than any other sort. Qt., 20 cts.; peck, \$1.50.

EARLY MARBLEHEAD. (See description, page 12.) Qt., 25 cts.; peck, \$2.00.

EARLY NARRAGANSET. One of the earliest of the sweet varieties; ears small, tender and of excellent quality. Qt., 20 cts.; peck, \$1.25.

EARLY MINNESOTA. Very early; a decidedly excellent variety; ears fair sized and uniform; plant rather dwarf. Qt., 20 cts.; peck, \$1.25.

CROSBY'S EARLY SUGAR. An excellent early variety; ears rather small; a great favorite in the markets of all the large cities. Qt., 20 cts.; peck, \$1.25.

LARGE EARLY EIGHT-ROWED. One of the best of the sweet varieties; ears long, with white cob. Qt., 20 cts.; peck, \$1.25.

HICKOX IMPROVED. A new and very valuable variety for market; the ears are twelve-rowed, straight and handsome. Quality of the very best. Qt., 20 cts.; peck, \$1.50.

QUANTUM SUGAR. (See *Novelties page 12.*) Qt., 30 cts.; peck, \$2.25.

Early Adams, or Burlington. Strictly speaking, this is an early field variety, although largely sold for table use; we therefore class it among the Sugar Corn. It is grown extensively in this section for the New York markets. Qt., 20 cts.; peck, \$1.25.

AMBER CREAM. (See *Novelties page 13.*) Qt., 25 cts.; peck, \$1.50.

Early Dwarf Sugar. Grows to an average height of two and a half feet; ears small; corn very sweet; one of the earliest. Qt., 20 cts.; peck, \$1.25.

Darling's Early Sugar. The earliest of all the tall varieties; ears small, well-formed and sweet. Qt., 20 cts.; peck, \$1.25.

Moore's Early Concord. Ears large and well-filled; early, and unsurpassed for richness and delicacy of flavor. Qt., 20 cts.; peck, \$1.25.

EGYPTIAN. The ear is of large size, and the flavor peculiarly rich and sweet, and so superior to other sorts of Sweet Corn, that hotels and families using it will have no other kind as long as this variety is to be had. The introducer, who is a large grower and canner of Corn, states that the superiority of this variety is so well understood in his neighborhood, that the prices he receives for it both in the canned and green state, will average nearly one-half more than what he can obtain for any other sort he grows. Like all other large sorts, it matures late. Qt., 30 cts.; peck, \$1.50.

STOWELL'S EVERGREEN. A late variety, of excellent quality, remaining longer in the green state than any other kind. Qt., 20 cts.; peck, \$1.50.

TRIUMPH. Said to be the earliest of the large varieties. Flavor rich and sweet; largely grown as a market sort. Qt., 20 cts.; peck, \$1.25.

MAMMOTH SUGAR. A late variety, and one of the largest; productive and fine flavored. Qt., 20 cts.; peck, \$1.50.

Black Sugar. A black grained variety, one of the sweetest of all kinds. Qt., 20 cts.; peck, \$1.50.

CORN, Field.

See special page, just after the end of this "General List of Vegetable Seeds."

SWEET FODDER CORN.

For soiling. Sow three bushels to the acre, broadcast, or half that quantity in drills. Per bush., \$2.50.

WHITE POP CORN.

For parching (in ears). Lb., 10 cts.; 100 lbs., \$8.00.

CORN SALAD, OR FETTICUS.

German, *Lammersalat*.—French, *Mêche*.—Spanish, *Canonigos*.

A vegetable used as a salad, and sold to a large extent in our New York markets. It is sown on the first opening of spring, in rows one foot apart, and is fit for use in six or eight weeks from time of sowing. If wanted to come in early in spring, it is sown in September, covered up with straw or hay as soon as cold weather sets in, and is wintered over exactly as Spinach. It is largely grown in cold frames in the vicinity of New York, and if covered with straw mats or shutters can be used at any time during the winter.

If by mail in quantities of ¼ lb. and upward, postage must be added at the rate of 16 cts. per lb.

Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., \$1.00.

CRESS, OR PEPPER-GRASS.

German, *Kresse*.—French, *Cresson*.—Spanish, *Mastruco*.

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

If by mail in quantities of ¼ lb. and upward, postage must be added at the rate of 16 cts. per lb.

Extra Curled. Very fine; may be cut two or three times. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 75 cts.

Australian Cress. Fine, piquant flavor. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., \$1.00.

CRESS, Water.

German, *Brunnenkresse*.—French, *Cresson de Fontaine*.—Spanish, *Berro*.

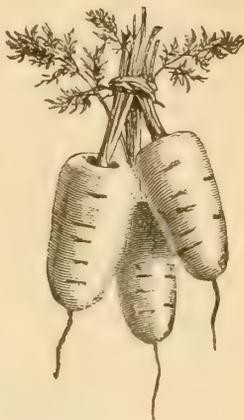
This is a well-known hardy perennial aquatic plant, growing abundantly along the margins of running streams, ditches and ponds, and sold in immense quantities in our markets in spring. Where it does not grow naturally, it is easily introduced by planting along the margins of ponds and streams, where it increases, both by spreading of the roots and by seeding. It has a particularly pleasant, pungent taste, agreeable to most people. For full details of culture for market, see "Gardening for Profit."

If by mail in quantities of ¼ lb. and upward, postage must be added at the rate of 16 cts. per lb.

Pkt., 10 cts.; oz., 50 cts.; ¼ lb., \$1.50.



French Forcing Carrot.
See page 25.



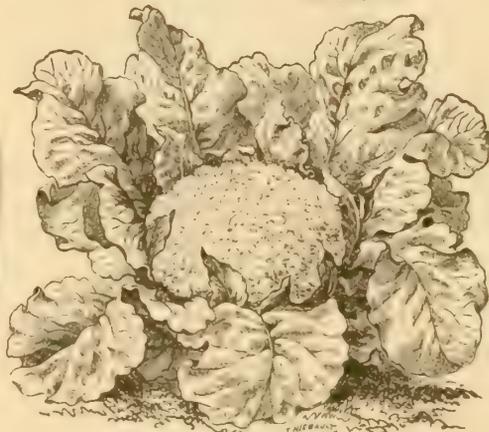
Early Scarlet Horn
Carrot.
See page 25.



Half Long Stump Carrot.
See page 25.



Improved Long
Orange Carrot.
See page 25.



Lenormand's Short Stemmed Cauliflower.
See page 25.



Half Long Scarlet
Carentan Carrot.
See page 25.



Apple Shaped Celeriac.
See page 27.

CUCUMBER.

German, *Gurke*.—French, *Concombre*.—Spanish, *Cohombro*.

Cucumbers succeed best in warm, rich, sandy loam ground. They should not be planted in the open air until there is a prospect of settled, warm weather. In the vicinity of New York about the middle of May. Plant in hills about four feet apart each way. The hills should be previously prepared, by mixing thoroughly with the soil of each a shovelful of well-rotted manure. When all danger from insects is past, thin out the plants, leaving three or four of the strongest to each hill. The fruit should be gathered when large enough, whether required for use or not, as, if left to ripen on the vines, it destroys their productiveness.

If by mail in quantities of ¼ lb. and upward, postage must be added at the rate of 16 cts. per lb.

Cucumber seed of all varieties is very scarce this season.

IMPROVED EARLY WHITE SPINE. (See cut.) A favorite market variety, of medium size, deep green, flesh crisp and of fine flavor. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb., \$1.50.

EXTRA LONG WHITE SPINE. A longer variety of the preceding, and dark green in color; largely used for forcing by market gardeners. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb., \$1.50.

Boston Pickling. Largely used about Boston by market gardeners. A very productive kind of superior quality. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb., \$1.50.

Early Frame. An old and popular variety, of medium size, straight and handsome; excellent for pickles when young. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb., \$1.50.

Early Cluster. A much esteemed early sort, growing in clusters and extremely productive. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb., \$1.50.

GREEN PROLIFIC. One of the best pickling sorts. Its characteristics are its very uniform growth, hardly ever yielding cucumbers too large for pickling, and in its immense productiveness. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., \$2.00.

Early Russian. The earliest variety; fruit produced in pairs; small, hardy and productive. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., \$2.00.

LONG GREEN. A fine long fruit, of excellent quality, dark green, firm and crisp. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., \$2.00.

LONG GREEN TURKEY. A most desirable variety. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb., \$1.50.

SHORT GREEN OR GHERKIN. Similar to Early Frame; good for pickling. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 35 cts.; lb., \$1.00.

Tailby's Hybrid. An excellent variety for family use. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb., \$1.50.

West India Gherkin, or Burr. Used only for pickles. (See cut.) Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., \$2.50.

CUCUMBER, English Frame or Forcing Varieties.

Sow in small pots in January, February or March in a hot-bed or hot-house. When grown to three leaves plant out in a previously prepared hill of loose, rich soil, in the center of the sash. Keep a temperature of 65 degrees at night, to 70 or 80 degrees with sun heat. When grown under glass artificial impregnation of the flowers is necessary by the usual methods of a camel's hair pencil, or a hive of bees should be kept, if grown on a large scale in green-houses; when grown in the open air there is no need for this as the insects and winds effect impregnation. The following selection includes some of the leading English varieties:

- | | |
|--------------------------------|-------------------------------|
| Berkshire Champion. | Duke of Edinburgh. |
| Blue Gown. | Cuthill's Black Spine. |
| Carter's Champion. | Invincible. |
| Improved Sion House. | Master's Prolific. |
| Dale's Conqueror. | Long Gun. |
| Lord Kenyon's Favorite. | Prince Albert. |
| Telegraph. | Munroe's Rabley. |
| Marquis of Lorne. | Walker's Rambler. |

Price per packet, for any of the above, 25 cts.

DANDELION.

German, *Pardeblume*.—French, *Pisse-en-lit*.—Spanish, *Amargon*.

The Dandelion resembles Endive, and is sometimes cultivated for spring greens, or for blanching for salad. The roots when dried and roasted, are often employed as a substitute for coffee. The seed should be sown in May or June, in drills half an inch deep, and twelve inches apart. The plants will be ready for use the following spring.

If by mail in quantities of ¼ lb. and upward, postage must be added at the rate of 16 cts. per lb.

Dandelion Common. Pkt., 10 cts.; oz., 40 cts.

LARGE-LEAVED. Its name partly describes this variety, although we would add that its leaves are fully double the size of the common Dandelion. It is a great advance over the old variety, so largely used for salads, etc. Pkt., 15 cts.; oz., 40 cts.

EGG PLANT.

German, *Eierpflanze*.—French, *Aubergine*.—Spanish, *Berengena*.

The Egg Plant will thrive well in any good garden soil, but will repay good treatment. The seeds should be sown in hot-beds or warm green-house in March or April, and when about an inch high pot in two inch pots. Plant out about June 1st, two and a half feet apart. If no hot-bed is at hand, they can be grown in any light room where the temperature will average 75 degrees.

If by mail in quantities of ¼ lb. and upward, postage must be added at the rate of 16 cts. per lb.

See "Special Prizes for best Vegetables," in *Introductory*.

NEW YORK IMPROVED. (See cut.) The leading market variety; excellent and very productive. Pkt., 10 cts.; oz., 60 cts.; ¼ lb., \$2.00; lb., \$7.00.

Early Long Purple. Differing in shape from the foregoing; early, hardy and productive. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., \$1.00; lb., \$3.50.

BLACK PEKIN. The fruit of this handsome variety is jet black, round in form and very solid; it is quite early and a very superior variety. Pkt., 10 cts.; oz., 60 cts.; ¼ lb., \$2.00; lb., \$7.50.

ENDIVE.

German, *Endivien*.—French, *Chicorée*.—Spanish, *Endivia*.

Endive is one of the best salads for fall and winter use. Sow for an early supply about the middle of April. As it is used mostly in the fall months, the main sowings are made in June and July, from which plantations are formed at one foot apart each way, in August and September. It requires no special soil or manure, and after planting is kept clear of weeds until the plant has attained its full size, when the process of blanching begins. This is effected by gathering up the leaves and tying them by their tips in a conical form, with bass matting. This excludes the light and air from the inner leaves, which in the course of from three to six weeks, according to the temperature at the time, become blanched. Another and simpler method consists in covering up the plants as they grow, with slats or boards, which serve the same purpose, by excluding the light, as the tying up.

If by mail in quantities of ¼ lb. and upwards, postage must be added at the rate of 16 cts. per lb.

GREEN CURLED. Very hardy; leaves dark green, tender and crisp. (See cut.) Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., \$2.00.

FRENCH MOSS CURLED. A beautiful curled variety, of fine quality. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., \$1.00; lb., \$3.00.

White Curled. Leaves pale green; should be used when young. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., \$1.00; lb., \$3.00.

BROAD LEAVED BATAVIAN. (Escarolle.) (See cut.) Chiefly used in soups and stews; requires to be tied up for blanching. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., \$2.00.

GARLIC.

German, *Knoblauch*.—French, *Ail*.—Spanish, *Ajo*.

Used for flavoring soups, stews and other dishes. Garlic thrives best in a light, well-enriched soil; the sets should be planted in early spring, in rows one foot apart, and from one to five inches between the plants in the rows. The crop matures in August, when it is harvested like the Onion.

If by mail in quantities of ¼ lb. and upward, postage must be added at the rate of 15 cts. per lb.

Garlic Sets, Per lb., 50 cts.

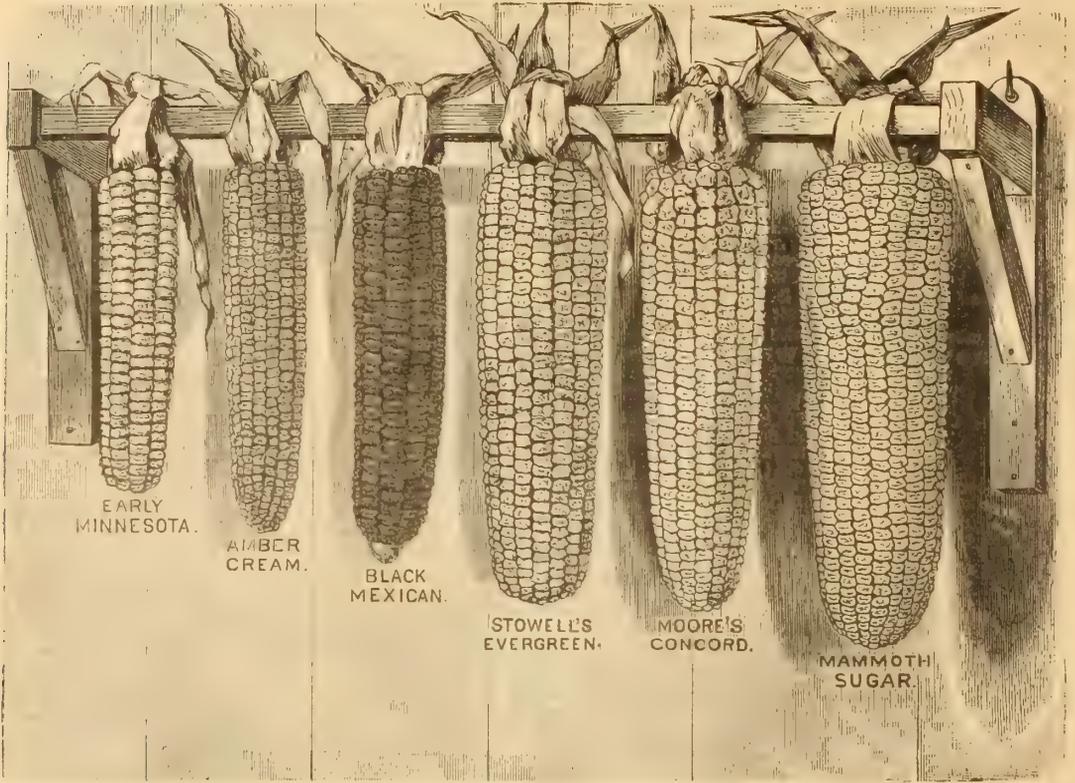
KALE, or BORECOLE.

German, *Blätter-Kohl*.—French, *Chou Vert*.—Spanish, *Breton*.

Kale, or Borecole, may be grown in almost any soil, but the richer it is the more abundant the product. Sow from the middle of April to the beginning of May in prepared beds, covering the seed thinly and evenly; transplant in June and treat in the same manner as for Cabbage. Of all the Cabbage tribe this is the most tender and delicate, and would be much more extensively grown than it is, if its excellent qualities were generally known. The varieties are all extremely hardy, and are best when touched by frost.

If by mail in quantities of ¼ lb. and upward, postage must be added at the rate of 16 cts. per lb.

DWARF CURLED KALE, GERMAN GREENS or "SPROUTS." This variety is extensively grown as Winter Greens, sown in the month of Sep-



EARLY MINNESOTA.

AMBER CREAM.

BLACK MEXICAN.

STOWELL'S EVERGREEN.

MOORE'S CONCORD.

MAMMOTH SUGAR.

Varieties of Sweet Corn

See page 27.



Corn Salad, or Fetticus.

See page 27.



Improved Early White Spine Cucumber.

See page 29.



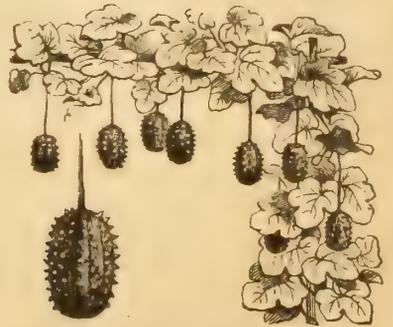
N. Y. Improved Egg Plant.

See page 29.



Batavian Endive.

See page 29.



West India Gherkin, or Burr Cucumber.

See page 29.

tember in rows one foot apart and treated in every way as Spinach. It is ready for use in early spring. See cut.) Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., \$1.00.

NEW DWARF ERFURT. (See *Novelties*, page 9.) Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., \$2.50.

GREEN CURLED SCOTCH. A rather dwarf variety, growing about eighteen inches in height, but spreading under good cultivation to three feet in diameter; leaves of a bright green, beautifully curled. See cut.) Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.25.

BROWN GERMAN CURLED. A very hardy and useful variety. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.25.

Cottager's Kale. A valuable variety, of excellent flavor and an immense cropper; grows about a foot in height; leaves rich green, curled and feathered to the ground. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 60 cts.; lb., \$2.00.

KOHL RABI.

German, *Kohlrabi*.—French, *Chou-rave*.—Spanish, *Cal de Nabo*.

A vegetable intermediate between the Cabbage and the Turnip. It is best cultivated by sowing the seeds in rows in May, June, and July, according to the latitude. In this district we sow through June, for succession, in rows eighteen inches apart, thinning out to eight inches between the plants. It is rather difficult to transplant, and it is generally preferable to sow the whole crop from seed and thin out where it stands, although, when the weather is favorable, the thinnings may be planted at the distances above named.

If by mail in quantities of ¼ lb. and upward, postage must be added at the rate of 16 cents per lb.

EARLY WHITE VIENNA. (See cut.) Flesh white and tender; the best market sort; excellent for table use. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., \$2.50.

Early Purple Vienna. Differs from the above in color, being of a bluish purple. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., \$1.00; lb., \$3.00.

LEEK.

German, *Lauch*.—French, *Poireau*.—Spanish, *Puerro*.

The Leek is very hardy, and easily cultivated; it succeeds best in a light, but well-enriched soil. Sow as early in spring as practicable, in drills one inch deep and one foot apart. When six or eight inches high they may be transplanted in rows ten inches apart each way, as deep as possible, that the neck, being covered, may be blanched. If fine Leeks are desired, the ground can hardly be made too rich.

If by mail in quantities of ¼ lb. and upward, postage must be added at the rate of 16 cents per lb.

LARGE AMERICAN FLAG. (See cut.) A favorite market variety. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., \$1.00; lb., \$3.00.

MUSSELBURGH. Grows to a large size. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., \$1.25; lb., \$4.00.

Large Rouen. A large and excellent variety. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., \$1.25; lb., \$4.00.

LETTUCE.

German, *Lattich*.—French, *Laitue*.—Spanish, *Lechuga*.

The cultivation of Lettuce is universal by all who have gardens, and from its tractable nature and freedom from nearly all insects and diseases, it is manageable in the hands of every one. For main early crop, seed may be sown in the open ground in the middle of September, and transplanted to cold frames as soon as large enough to handle, being wintered over in the same manner as early Cabbage. In dry, well-sheltered spots, by covering with leaves or litter, late in the season, Lettuce plants may be saved over the winter without glass covering, in southern parts of the country, without difficulty. The plants for setting out in spring are also sown in cold frames in February, and in hot-beds in March, and by careful covering up at night make plants to set out in April; but these are never so good as those wintered over. For successive crops, sowings may be made in the open ground as early as spring opens until July, and as the plant is somewhat difficult to transplant in hot weather, the best way is to sow it in drills twelve inches apart, and thin out the plants in the rows so that they will stand eight or ten inches apart.

If by mail in quantities of ¼ lb. and upward, postage must be added at the rate of 16 cents per lb.

EARLY CURLED SIMPSON. (True) (See cut.) This variety, properly speaking, does not head, but forms a compact, close mass of leaves; the earliest and leading market sort. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., \$2.00.

BLACK SEEDED SIMPSON. (See *Special Description*, page 9.) Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., \$2.50.

GREEN FRINGED. This ornamental sort certainly surpasses all others in its handsome appearance. It is of a very delicate and peculiar shade of green.

the inner parts of the leaves white, with edges beautifully cut and fringed. It not only furnishes an abundance of tender leaves fit for use nearly all the summer, but its ornamental character makes it very desirable for table decoration. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., \$2.50.

SALAMANDER. (See *Special Description*, page 9.) Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., \$2.50.

YELLOW SEEDED BUTTER. (See *Special Description*, page 9.) Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., \$2.50.

Tennis Ball, Black Seeded. Forms a close, hard head, with a few outer leaves; a favorite forcing variety. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., \$2.00.

BLACK SEEDED BUTTER. Similar to Tennis Ball, but larger. Used extensively as an out-door variety. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., \$2.00.

BOSTON MARKET. A superb variety; grows very compact, and is beautifully white and crisp. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., \$2.00.

Large India. Withstands summer heat better than most kinds; forms an immense solid head. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., \$2.00.

LARGE WHITE SUMMER CABBAGE. Excellent for summer; heads of good size, close and well-formed. A fine market variety. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., \$2.00.

WHEELER'S TOM THUMB. Very dwarf and compact; crisp and excellent flavor; remains a long time before running to seed. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., \$2.00.

Drumhead or Malta. (See cut.) Heads very large, crisp, tender and of good flavor; one of the best summer varieties. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., \$2.00.

Boston Curled. A variety of superior quality, very symmetrical and ornamental in growth. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., \$2.00.

ALL THE YEAR ROUND. A hardy, crisp-eating, and compact-growing variety, with small, close heads of a dark green color; an excellent summer Lettuce, and valuable for forcing. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., \$2.00.

Hardy Green Winter. One of the best winter varieties, very hardy and forms a solid head. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., \$2.00.

Brown Dutch. Very hardy. One of the best for winter use. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., \$2.00.

PARIS WHITE COS. One of the best of the upright varieties; tender and crisp; should be tied up to insure blanching. (See cut.) Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., \$2.50.

MARTYNIA.

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

If by mail in quantities of ¼ lb. and upward, postage must be added at the rate of 16 cents per lb.

Martynia Proboscidea. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., \$1.00; lb., \$3.00.

MELON, Musk.

German, *Melone*.—French, *Melon*.—Spanish, *Melon*.

Melons thrive best in a moderately enriched light soil; the hills should be from four to six feet apart each way, according to the richness of the soil, if soil is poor or sandy plant at four feet. Previous to planting, incorporate well with the soil in each hill a couple of shovelfuls of thoroughly rotted manure; plant twelve or fifteen seeds in each hill early in May, and when well up thin out to three or four of the most promising. Pinch off the leading shoots as the growth becomes too luxuriant, and if the fruit sets too numerously, thin out when young, which will increase the size of those remaining and cause them to ripen quicker. Melons may also be forced under glass, like Cucumbers, but it is not often done in this country, for the reason that they can be grown and shipped so easily in the Southern States.

If by mail in quantities of ¼ lb. and upward, postage must be added at the rate of 18 cts. per lb.

See "Special Prizes for Best Vegetables," in *Introductory*.

Cal. Nectar. (See *Special Description*, page 14.) Pkt., 15 cts.; oz., 50 cts.; ¼ lb., \$1.50.

Improved Christiana. A very early variety of peculiar flavor cherished by many people, although its chief claim to cultivation would generally be considered its extreme earliness. Flesh bright orange. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., \$2.00.

Montreal Market. (See *Novelties* page 14.) Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., \$2.50.

GREEN CITRON. Fruit medium size, deeply netted; shape nearly round, from six to eight inches in diameter; flesh green, and of rich, delicious flavor. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb., \$1.50.



Green Curled Endive.
See page 29.



G. C. Scotch Kale.
See page 31.



American Flag Leek.
See page 31.



Early Vienna Kohlrabi.
See page 31.



Paris White Cos Lettuce.
See page 31.



Drumhead, or Malta Lettuce.
See page 31.



Curled Simpson Lettuce.
See page 31.



Dwarf Curled Kale.
See page 29.



Mushroom.
See page 30.

NUTMEG. Fruit nutmeg shape; skin deep green, finely netted; greenish yellow, rich and sugary. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

SKILLIANS NETTED. Form roundish oval; flesh deep green, sweet and richly perfumed; an early and delicious variety. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

HACKENSACK. (See Special Description, page 14.) Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

SURPRISE. This new sort is described as having a thin cream-colored skin, and thick salmon-colored flesh; is an early variety, exceedingly productive, and of delicious flavor. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

BAY VIEW. A large, prolific and fine flavored green-fleshed Melon of recent introduction, and from all reports of great value, and likely to become a standard sort. It is stated that with ordinary cultivation this variety has produced Melons weighing from 10 to 15 lbs. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

NETTED GEM. (See Description, page 14.) Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

BURPEE'S ORANGE CREAM. (See Novelties, page 14.) Pkt., 25 cts.; 5 packets for \$1.00.

Pineapple. Medium size, dark green, oval, netted, flesh thick, sweet and juicy. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

CASABA. A large variety of delicious flavor. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

Ward's Nectar. A green fleshed variety of fine quality, being exceedingly sweet, rich and delicious. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

White Japan. An early medium-sized, roundish variety; skin cream white and fine flavored. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

JENNY LIND. An early variety, of small size, but excellent flavor. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

Large Yellow Cantaloupe. Flesh reddish orange, sweet and of good flavor, an early and productive variety. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

Large Yellow Musk. A very large variety, deeply ribbed and thickly netted; flesh salmon yellow, thick and sweet. Used in the green state for "Mangoes." Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

MELON, Water.

German, *Wasser-Melone*.—French, *Melon d'Eau*.—Spanish, *Sandia*.

Water Melons require a rich, though rather sandy soil for best development, and thrive best in warm latitudes, growing best in the Southern or Southwestern States. Cultivate exactly as for Musk Melons, except that the hills should be just double the distance apart, namely eight and ten feet.

If by mail in quantities of $\frac{1}{4}$ lb. and upward, postage must be added at the rate of 16 cts. per lb.

See "Special Prizes for Best Vegetables," in Introductory.

Mountain Sprout. Fruit of the largest size, longish oval; skin dark green, marbled with lighter shades, red fleshed, of excellent quality. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 80 cts.

MOUNTAIN SWEET. Fruit oblong, dark green, rind thin, flesh red, solid and very sweet. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 80 cts.

PHINNEY'S EARLY. (See cut.) Flesh deep red, of very superior quality; early and productive; a valuable market variety. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 80 cts.

SCALY BARK WATERMELON. (See Description, page 13.) Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Black Spanish. Fruit of large size, almost round; skin dark green, flesh red, sweet and delicious. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 80 cts.

ICE CREAM. (White Seeded.) (True.) Fruit of medium size, nearly round, skin pale green, rind very thin, flesh scarlet, solid, crisp and delicious. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 80 cts.

TRUE GEORGIA RATTLESAKE OR GIPSY. Fruit large, oblong, striped; flesh red, of fine quality. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

DARK ICING. There are two distinct types of this Melon, of which the one we offer and show elsewhere is known as the Dark Icing. It is a very solid sort with a thin rind, and possesses a most delicious flavor. (See cut.) Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

CALIFORNIA OR IMPROVED ODELLA. (See Novelties, page 14.) Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.00.

CUBAN QUEEN. (See Novelties, page 13.) Pkt., 5 cts.; oz., 2 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Sculptured Seeded Japan. A new and very early variety, of fine flavor; flesh cream color. The seed

has a singular appearance. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.50.

Orange. So called from its peculiarity of the rind separating from the flesh when fully ripe; flesh red, tender and sweet, of medium quality. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.50.

Citron. A round, handsome fruit, of small size; used in making of sweetmeats and preserves. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

MUSTARD.

German, *Senf*.—French, *Moutarde*.—Spanish, *Mostaza*.

A pungent salad, used sometimes with Cress. Sow thickly in rows, and cut when about two inches high; for use during winter it may be sown at intervals in boxes, in the greenhouse or in a frame. For a crop of seeds sow in April, in drills a foot apart, and thin out moderately when about three inches high.

If by mail in quantities of $\frac{1}{4}$ lb. and upward, postage must be added at the rate of 16 cts. per lb.

WHITE LONDON. Best for salads. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

Brown or Black. More pungent in flavor than the white. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

New Chinese. Leaves twice the size of the ordinary White Mustard, stems more succulent, of a deeper green, flavor pleasantly sweet and pungent. Oz., 10 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

MUSHROOM SPAWN.

For simple and yet full directions for the cultivation of the Mushroom, please refer to Mr Henderson's recent work, "Gardening for Pleasure." The spawn we offer is specially made for us three or four times each season.

English—Per pound 15 cts.; eight pounds \$1.00; by mail, 35 cts. per pound.

French, in boxes of 2 lbs., 75 cts.; if by mail, \$1.10.

NASTURTIUM, or INDIAN CRESS.

The seeds, while young and succulent, are pickled and used as capers. The plants are also highly ornamental; the tall variety makes an excellent screen or covering for unsightly places in the garden.

If by mail in quantities of $\frac{1}{4}$ lb. and upward, postage must be added at the rate of 16 cts. per lb.

Tall Nasturtium. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

Dwarf Nasturtium. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

OKRA, or GUMBO.

German, *Essbarer*.—French, *Gombo*.—Spanish, *Quibombo*.

This vegetable is extensively grown in the Southern States. Its long pods, when young, are used in soups, stews, etc., and are believed to be very nutritious. It is of the easiest culture, and grows freely, bearing abundantly in any garden soil. It is sown at the usual time of all tender vegetables, in drills two inches deep, setting the plants from two to three feet apart.

If by mail in quantities of $\frac{1}{4}$ lb. and upward, postage must be added at the rate of 16 cts. per lb.

DWARF PROLIFIC. A new and very early variety, with long, green, slender pods. Very dwarf and productive. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

DWARF WHITE. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 90 cts.

IMPROVED DWARF GREEN. Early and productive. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 90 cts.

Long Green. Long ribbed pods. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 90 cts.

ONION.

German, *Zwiebel*.—French, *Oignon*.—Spanish, *Cebolla*.

The Onion thrives best in a rather deep, rich, loamy soil, and, unlike most vegetables, succeeds well when cultivated on the same ground for successive years. The best culture requires that the ground should be deeply trenched and manured the previous autumn, and laid up in ridges during the winter to pulverize. As early in the spring as the ground is in working order, commence operations by leveling the ground with a rake, and tread it firmly; sow thinly in drills about a quarter of an inch deep, and one foot apart, cover with fine soil, and press down with the back of a spade or a light roller. When the young plants are strong enough, thin gradually so that they stand three or four inches apart. Keep the surface of the ground open and free from weeds by frequent hoeing, taking care not to stir the soil too deeply, or to collect it about the growing bulbs.

If by mail in quantities of $\frac{1}{4}$ lb. and upward, postage must be added at the rate of 16 cents per lb.

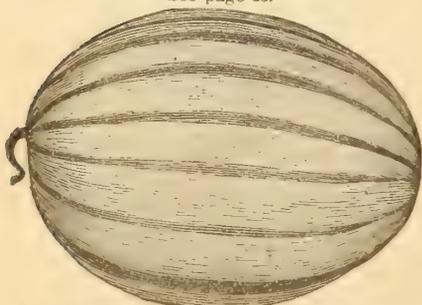
See "Special Prizes for Best Vegetables," in Introductory.



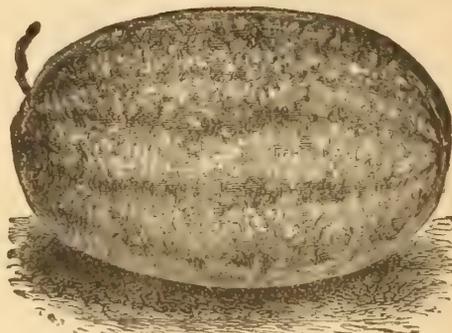
Musk Melon—Bay View.
See page 33.



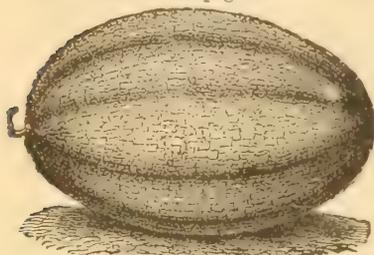
Hackensack Musk Melon.
See page 33.



Dark Icing, or Ice Rind Water Melon.
See page 33.



Phinney's Early Water Melon.
See page 33.



Green Citron Melon.
See page 33.



Early Round Parsnip.
See page 35.



Long Smooth Parsnip.
See page 35.



Okra.
See page 33.

When larger quantities of Onion are wanted, write for special prices.

EXTRA EARLY RED. This variety ripens about ten days earlier than the Large Wethersfield, and is rather smaller in size, but close grained and heavy. (See cut.) Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

WETHERSFIELD LARGE RED. The staple variety of the Eastern Onion-growers; of large size, deep in color, and an excellent keeper. (See cut.) Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

YELLOW GLOBE DANVERS. An excellent variety, mild flavored and very productive; ripens early, and a good keeper. (See cut.) Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Yellow Dutch, or Strasburg. One of the oldest varieties, the "Silver Skin" of the Eastern States, a good keeper, and well-flavored. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

WHITE PORTUGAL, or SILVER SKIN. A handsome Onion, of mild flavor, but not a good keeper; extensively grown for pickling. (See cut.) Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

SOUTHPORT WHITE GLOBE. A handsome globular Onion, of mild flavor and a good keeper. One of the very best. (See cut.) Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

LARGE RED GLOBE. Differs from the preceding only in color. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

SOUTHPORT YELLOW GLOBE. Same shape as preceding; color yellow. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$2.00.

The following are Italian varieties, and specially suited for cultivation in the Southern States.

GIANT ROCCA. A splendid large variety from Naples, globular shape, bright brown skin and delicate flavor. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

NEW NEAPOLITAN MARZAJOLA. One of the earliest Onions in cultivation; it is a white-skinned Italian variety, and an excellent keeper. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

QUEEN. The earliest of all Onions; as remarkable for its keeping qualities as for the rapidity of its growth. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$3.00.

LARGE WHITE ITALIAN TRIPOLI. A new and excellent variety of quick growth and mild flavor. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

LARGE RED ITALIAN TRIPOLI. This has the same characteristics as the White Tripoli; distinct in color, however. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

ONION SETS.

The sets should be planted out as early in spring as the ground is dry enough to work; plant them in rows one foot apart, with sets three or four inches apart. When raised from sets, the Onions can be used in the green state in June, or they will be ripened off by July. Sets are produced by sowing the seed as early as the ground can be worked in the spring, very thickly, in beds or drills; and about the middle of July, or whenever the tops die down, the small bulbs, or sets, are gathered and kept spread thinly in a cold, dry cellar, or loft, until the following spring. The Potato and Top Onions are grown only from bulbs.

Add 20 cts per quart extra if to be sent by mail.

White Onion Sets. Qt., 20 cts.; peck, \$1.25.

Yellow Onion Sets. Qt., 20 cts.; peck, \$1.25.

Potato Onions. Qt., 30 cts.; peck, \$2.50.

Top, or Button Onions. Qt., 20 cts.; peck, \$1.25.

Above prices subject to variation.

PARSNIP.

German, *Pastinake*.—French, *Panais*.—Spanish, *Pastinaca*.

Sow as early in spring as the weather will admit in drills fifteen inches apart, covering half an inch deep. When well up, thin out to five or six inches apart in the rows. Unlike Carrots, they are improved by frost, and it is usual to take up in fall a certain quantity for winter use, leaving the rest in the ground until spring, to be dug up as required.

If by mail in quantities of $\frac{1}{4}$ lb. and upward, postage must be added at the rate of 16 cts. per lb.

LONG SMOOTH OR HOLLOW CROWN. (See cut.) Best for general use. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

The Student. A fine flavored variety. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Early Round. An early variety, but of small size. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

PARSLEY.

German, *Petersilie*.—French, *Persil*.—Spanish, *Peregil*. Parsley succeeds best in a rich, mellow soil. As the seeds germinate very slowly, three or four weeks elapsing some-

times before it makes its appearance, it should be sown early in spring, previously soaking the seeds for a few hours in tepid water. Sow thickly in rows a foot apart, and half an inch deep. For winter use protect in a frame or light cellar.

If by mail in quantities of $\frac{1}{4}$ lb. and upward, postage must be added at the rate of 16 cts. per lb.

DOUBLE CURLED. A fine dwarf variety, beautifully curled; excellent for garnishing. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

CHAMPION MOSS CURLED. A very select stock, beautifully crimped and curled. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

FERN LEAVED. A very beautiful variety, being more like a crested fern or moss than Parsley; very valuable for table decoration. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Plain Parsley. The leaves of this sort are plain; it is harder than the curled variety; good for flavoring. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

Hamburg, or Turnip-Rooted. A fleshy-rooted kind; the roots used for flavoring soups. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

PEAS.

German, *Erbse*.—French, *Pois*.—Spanish, *Guizante*.

Peas come earliest to maturity in light, rich soil. For general crop, a deep loam, or a soil strongly inclining to clay, is best. For early crops, decomposed leaves or leaf mold should be used, or if the soil is very poor, stronger manure may be used. For general crops a good dressing should be applied, and for the dwarf-growing kinds the soil can hardly be too rich. When grown as a market crop, Peas are never staked, and are sown in single rows, two or three inches deep, and from two to three feet apart, according to variety or the strength of the soil. When grown in small quantities for private use, they are generally sown in double rows, six or eight inches apart, and the tall varieties, staked up by brush. For an early crop, sow in February, March or April, according to latitude, as soon as the ground can be worked, and make repeated sowings every two weeks for succession. After the first of June, sowing should be discontinued until the middle of August, when a good crop may sometimes be secured by sowing an early sort.

Add 30 cts. per quart extra if to be sent by mail. Pints furnished at quart rates.

Bushels at reduced rates.

Extra Early.

HENDERSON'S FIRST OF ALL. (See Novelties, page 15.) Qt., 30 cts.; peck, \$2.00; bush., \$7.50.

AMERICAN WONDER. (See Special Description, page 15.) Qt., 30 cts.; peck, \$2.00; bush., \$7.50.

BLISS' EVERBEARING. (See page 16.) Pkt., 25 cts.; 5 packets for \$1.00.

CARTER'S FIRST CROP. One of the earliest varieties, $2\frac{1}{2}$ feet. Qt., 25 cts.; peck, \$1.75.

IMPROVED DANIEL O'ROURKE. A favorite extra early variety. Qt., 25 cts.; peck, \$1.75.

Philadelphia Extra Early. A very desirable early variety; largely grown South. Qt., 25 cts.; peck, \$1.75.

Caractacus. An early productive Pea, of good flavor; one of the best early round kinds. Qt., 25 cts.; peck, \$1.75.

LAXTON'S ALPHA. The earliest of all the wrinkled Peas; of fine quality and very prolific; pods large and well filled; 3 feet. Qt., 30 cts.; peck, \$2.00.

LAXTON'S MINIMUM. (See description, page 16.) Pkt., 15 cts.; qt., 50 cts.

WILLIAM I. One of the newer varieties, of very fine quality. It is about one-third larger than the Philadelphia Extra Early, and about five days later. Qt., 30 cts.; peck, \$2.00.

McLEAN'S LITTLE GEM. A dwarf, green wrinkled marrow, very prolific, of superior flavor, and a first early; 1 foot. Qt., 25 cts.; peck, \$1.75.

EXTRA EARLY PREMIUM GEM. A very fine dwarf Pea of the Little Gem type, on which it is a great improvement. Qt., 25 cts.; peck, \$1.75.

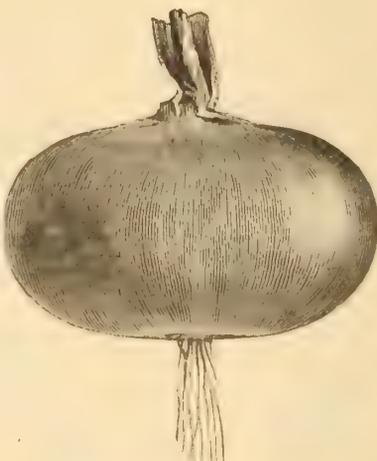
KENTISH INVICTA. About five days later than the improved Daniel O'Rourke, ripens altogether; pods of a fine green color; very prolific, and of excellent flavor. A very good market variety; $2\frac{1}{2}$ feet. Qt., 25 cts.; peck, \$1.75.

McLEAN'S BLUE PETER. This may be called a larger, better, and earlier form of Tom Thumb, having blue seed. It is remarkably dwarf, very early, a capital bearer, and of excellent quality. Qt., 25 cts.; peck, \$1.75.

Tom Thumb. Remarkably dwarf and early, of excellent quality, and yields abundantly; 1 foot. Qt., 25 cts.; peck, \$1.75.



Yellow Globe Danvers Onion.
See page 35.



Wethersfield Red Onion.
See page 35.



Southport Yellow Globe Onion.
See page 35.



Yellow Dutch Onion.
See page 35.



Extra Early Red Onion.
See page 35.



White Portugal Onion.
See page 35.

POTATOES.



White Star.
See page 39.



St. Patrick.
See page 37.



Telephone.
See page 39.



Adirondack.
See page 39.



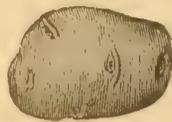
Vermont Champion.
See page 39



Jumbo.
See page 37.



Queen of the Valley.
See page 39.



Brownell's Best.
See page 39.

Second Early Varieties.

- FILLBASKET.** This new variety is one of the best second early Peas in cultivation; dwarf-growing; blue, of excellent flavor. Qt., 25 cts.; peck, \$1.75.
- McLEAN'S ADVANCER.** An early green wrinkled variety of delicious flavor; 2 feet. Qt., 25 cts.; peck, \$1.75.
- Laxton's Prolific Long Pod.** A very productive variety, with long pods, containing from 10 to 12 peas each; 4 feet. Qt., 25 cts.; peck, \$1.75.
- Bishop's Dwarf Long Pod.** An excellent second early variety, first-class bearer; pods well filled; 2 feet. Qt., 25 cts.; peck, \$1.75.
- PRIZE TAKER GREEN MARROW.** A very abundant bearer; pods long, handsome, well filled, of a deep green color. A good market variety. Qt., 40 cts.; peck, \$3.00.
- EUGENIE.** White, wrinkled, an excellent cropper; 3 feet. Qt., 25 cts.; peck, \$1.75.

For General Crop.

- CHAMPION OF ENGLAND.** One of the best and most popular Peas in cultivation; 5 feet. Qt., 25 cts.; peck, \$1.75.
- Blue Imperial.** A good bearer and of fine flavor; 3 feet. Qt., 25 cts.; peck, \$1.75.
- HAIR'S DWARF MAMMOTH.** One of the richest flavored and best late varieties; 2½ feet. Qt., 25 cts.; peck, \$1.75.
- CULVERWELL'S TELEGRAPH.** A very valuable variety, so distinct in appearance as to be almost considered a new type. It is a second early sort and a strong grower, producing large pods, showing ten to twelve large peas in each pod. Height 5 feet. Peas when cooked are of a deep green color and of very fine flavor. Pkt., 15 cts.; qt., 40 cts.
- VEITCH'S PERFECTION.** A large and delicious marrow Pea, and an abundant cropper; 4 feet. Qt., 25 cts.; peck, \$1.75.
- YORKSHIRE HERO.** A splendid wrinkled marrow, of branching habit, and an abundant bearer; 2½ feet. Qt., 25 cts.; peck, \$1.75.
- JOHN BULL.** One of the very best varieties ever sent out by the eminent English raiser, Mr. Laxton, who describes it as attaining a height of 3 feet, and as having proved to be one of the most valuable and best of main crop Peas. It is a very heavy cropper and possesses an exceedingly rich flavor. It is what is known as a blue wrinkled variety. Pkt., 15 cts.; qt., 50 cts.
- LAXTON'S MARVEL.** (See description, page 16.) Pkt., 15 cts., qt., 40 cts.
- LAXTON'S OMEGA.** This dwarf late Pea is remarkably prolific; the pods are very fine and closely filled, and the flavor and color of the Peas, when cooked, unequalled; 2½ feet. Qt., 30 cts.; peck, \$2.00.
- British Queen.** One of the best and most productive of the tall, wrinkled marrows; of delicious flavor; 6 feet. Qt., 25 cts.; peck, \$1.75.
- WHITE MARROWFAT.** A favorite marrow sort; 6 feet. Qt., 20 cts.; peck, \$1.00.
- BLACK-EYED MARROWFAT.** This, as well as the preceding, is extensively grown as a field Pea; hardy and productive; 4 feet. Qt., 20 cts.; peck, \$1.00.

Edible Podded Peas.

- EARLY DWARF WRINKLED SUGAR.** A French variety, early and of good quality; 2½ feet. Qt., 50 cts.; peck, \$3.75.
- TALL SUGAR.** Edible Pods; 5 feet. Qt., 50 cts.; peck, \$3.75.

PEPPER.

German, *Pfeffer*.—French, *Piment*.—Spanish, *Pimiento*.

Grown largely for pickles. Sow in hot-bed early in April, and transplant to the open ground when the weather is favorable. They should be planted in warm, mellow soil, in rows eighteen inches apart. They may also be sown in the open ground when danger of frost is past, and the soil is warm and weather settled.

If by mail in quantities of ¼ lb. and upward, postage must be added at the rate of 16 cts. per lb.

- GOLDEN DAWN.** (See page 16.) Pkt., 10 cts.; oz., 50 cts.; ¼ lb., \$1.75.
- WILLIAMS' LITTLE GEM.** (See page 16.) Pkt., 50 cts.
- SWEET SPANISH.** One of the largest and earliest varieties; the flesh is sweet and mild. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., \$1.00; lb., \$3.50.
- LARGE BELL, OR BULL NOSE.** (See cut.) An early variety of mild flavor; rind thick and fleshy. Pkt., 10 cts., oz., 30 cts.; ¼ lb., \$1.00; lb., \$3.50.

- SWEET MOUNTAIN, OR MAMMOTH.** Similar to the preceding in shape and color, but larger and milder in flavor. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., \$1.00; lb., \$3.50.
- SQUASH, OR TOMATO SHAPED.** The most generally grown for pickling; very productive. (See cut.) Pkt., 10 cts.; oz., 30 cts.; ¼ lb., \$1.00; lb., \$3.50.
- LONG RED CAYENNE.** Fruit brilliant coral red, conical, from three to four inches in length; very productive. (See cut.) Pkt., 10 cts.; oz., 30 cts.; ¼ lb., \$1.00; lb., \$3.50.
- Long Yellow Cayenne.** Similar in shape to the Long Red, but of a rich, glossy yellow; both varieties are very ornamental. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., \$1.00; lb., \$3.50.
- NEW CRANBERRY.** An interesting variety; fruit resembles in appearance the Cranberry. One of the best pickle sorts. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., \$1.25; lb., \$4.00.
- GIANT EMPEROR.** This sort bears scarlet fruit six inches long and a quarter of an inch thick. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., \$1.25; lb., \$4.00.
- Chili.** (True.) (See cut.) Very piquant and prolific. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., \$1.25; lb., \$4.00.
- Cherry Red.** An exceedingly ornamental variety; fruit round, of a rich, glossy, scarlet color. Pkt., 10 cts.; oz., 50 cts.; ¼ lb., \$1.50; lb., \$5.00.
- MONSTROUS, OR GROSSUM.** A new sort from France; fruit very large and of irregular shape; good for Mangoes. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., \$1.25; lb., \$4.00.
- OXHEART.** Medium size, heart-shaped, very productive and piquant; excellent for pickling. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., \$1.25; lb., \$4.00.

POTATO.

German, *Kartoffel*.—French, *Pomme de Terre*.

The Potato, like all robust-growing vegetables, can be grown with varying success on soils of all kinds, and in all conditions of fertility, but the soil best suited to it is a sandy loam. In all heavy soils it is more subject to disease, and the flavor also is much inferior. In breaking up good pasture land, the decaying sod answers sufficiently well for the first year in lieu of manure. Manure is applied either in rows or hills, or broadcast over the hills and plowed in—the latter in most cases being preferable. If the soil is good, but little manure is required. In highly enriched soil the plants are more liable to disease than when grown in soil that is naturally good. The best fertilizers are those of a dry or absorbent nature, as plaster, lime, superphosphate of lime and bone dust. For wet soils these are particularly beneficial, as they not only promote growth, but prevent disease. Plant as early in spring as the ground can be had in fair working order, in hills or ridges, about three feet apart; covering in light, warm soils, about four inches deep, but in cold, wet situations, two and a half or three inches will be sufficient.

Prices of all potatoes subject to variation. At the low rates here offered, customers are expected to pay delivery charges when sent either by freight or express.

- VANGUARD.** (See Description, page 18.) 1 lb., by mail, 75 cts.; 3 lbs., \$2.00. By express or freight: peck, \$1.50; bush., \$5.00; bbl., \$10.00.
- JUMBO.** (See page 18.) Peck, 60 cts.; bush., \$2.00; bbl., \$4.00.
- EARLY MAYFLOWER.** (See page 18.) 1 lb., by mail, 75 cts.; 3 lbs., by mail, \$2.00. Peck, \$2.50; bush., \$8.00; bbl., \$16.00.
- EARLY SUNRISE.** A new variety of last season, very early and productive. Peck, 75 cts.; bush., \$2.50; bbl., \$5.
- WALL'S ORANGE.** (See page 18.) Peck, 60 cts.; bush., \$2.00; bbl., \$4.00.
- CLARKE'S NO. 1.** Said to be earlier than the Early Rose and very productive. Cooks mealy and excellent flavor. Peck, 60 cts.; bush., \$2.00; bbl., \$4.00.
- CHAMPION OF AMERICA.** Tubers flesh color, eyes carmine, small and even with the surface, grows to an immense size on strong ground, producing tubers as heavy as from three to four pounds in weight. A tremendous yielder, the best of keepers, and for cooking cannot be beat. They are smooth, of perfect form and medium early. Peck, 75 cts.; bush., \$2.50; bbl., \$5.00.
- ROCHESTER FAVORITE.** A late variety, tubers white, oval oblong and very uniform in size; an immense yielder, and a handsome variety for market; excellent for table use. Peck, 60 cts.; bush., \$2.00; bbl., \$4.00.
- ST. PATRICK.** (See cut.) One of the handsomest varieties ever grown, smooth, regular, with very few and shallow eyes, oblong in shape; large yielder and of best quality. Peck, 50 cts.; bush., \$1.75; bbl., \$3.50.
- BEAUTY OF HEBRON.** One of the best early sorts, with white skin and flesh. Peck, 50 cts.; bush., \$1.75; bbl., \$3.50.



Large Bell Pepper.
See page 37.



Squash or Tomato Shaped Pepper.
See page 37.



Long Red Cayenne Pepper.
See page 37.



Small Chili Pepper.
See page 37.



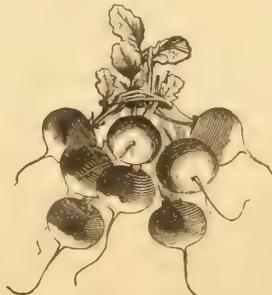
Long Scarlet Radish.
See page 39.



Golden Dawn Pepper.
See page 37.



Long Black Spanish Radish.
See page 39.



White Tipped Scarlet Turnip Radish.
See page 39.



Yellow Summer Turnip Radish.
See page 39.

BURBANK'S SEEDLING. A white-skinned variety, and a large yielder. Peck., 50 cts.; bush., \$1.75; bbl., \$3.50.

EARLY ROSE. The leading variety for earliness, quality and productiveness. Peck, 50 cts.; bush., \$1.75; bbl., \$3.50.

IMPROVED WHITE ROSE. A second early variety, and an immense yielder; tubers of medium size, very uniform and finely formed, skin white, slightly russeted. Valuable for market or home use. Peck, 50 cts.; bush., \$1.75; bbl., \$3.50.

EXTRA EARLY VERMONT. Similar in general appearance to the Early Rose; but said to be harder and more productive. Peck, 50 cts.; bush., \$1.75; bbl., \$3.50.

QUEEN OF THE VALLEY. (See cut.) Produces a large tuber and is enormously productive. Best quality. Peck, 50 cts.; bush., \$1.75; bbl., \$3.50.

WHITE ELEPHANT. Late, large, fine quality and enormously productive. Peck, 50 cts.; bush., \$1.75; bbl., \$3.50.

LATE BEAUTY OF HEBRON. A late variety of the well-known Beauty of Hebron. Peck., 60 cts.; bush., \$2.00; bbl., \$4.00.

LATE ROSE. The best of the late sorts. Peck, 50 cts., bush., \$1.75; bbl., \$3.50.

MAMMOTH PEARL. Peck, 50 cts.; bush., \$1.75; bbl., \$3.50.

PEERLESS. A favorite variety for general culture. Peck, 50 cts.; bush., \$1.75; bbl., \$3.50.

SNOWFLAKE. A variety of medium earliness; and for mealiness and delicate flavor unsurpassed. Peck, 60 cts.; bush., \$2.00; bbl., \$4.00.

LATE SNOWFLAKE. Peck, 60 cts.; bush., \$2.00; bbl., \$4.00.

WHITE STAR. (See cut.) Medium early and large cropper; cooking qualities of the very best. It is also one of the best keepers. Peck, 60 cts.; bush., \$2.00; bbl., \$4.00.

ADIRONDACK. (See cut.) In quality and flavor this is unsurpassed; a second early variety. Peck, 60 cts.; bush., \$2.00; bbl., \$4.00.

EARLY OHIO. Peck, 75 cts.; bush., \$2.50; bbl., \$5.00.

BROWNELL'S BEST. (See cut.) Of oblong shape and smooth; flesh white, and of best quality; a heavy yielder. Peck, 60 cts.; bush., \$2.00; bbl., \$4.00.

EARLY TELEPHONE. (See cut.) In yield and quality this is one of the best; from one tuber planted 40 lbs. was the product. Peck, 60 cts.; bush., \$2.00; bbl., \$4.00.

VERMONT CHAMPION. Grows to an immense size. A large cropper and good yielder. Of shape shown in illustration. Peck., 60 cts.; bush., \$2.00; bbl., \$4.00.

☞ All of our Potatoes are Northern grown, and from carefully selected stock.

PUMPKIN.

German, *Kurbis*.—French, *Courge*.—Spanish, *Calabaza*.

Pumpkins are now principally cultivated for agricultural purposes. They are usually planted in fields of Corn or Potatoes, but may be profitably raised in fields by themselves. Sow first of May, in hills eight feet apart.

If by mail in quantities of ¼ lb. and upward, postage must be added at the rate of 16 cts. per lb.

SUGAR. This variety is smaller than the Large Field, but of finer grain, sweeter, and very prolific. First rate either for the table or for feeding to stock. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 80 cts.

LARGE CHEESE. The best variety for cooking purposes. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 60 cts.

Large Tours, or Mammoth. Grows to an immense size, often weighing over 100 lbs. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., \$1.00; lb., \$3.00.

Connecticut Field. Very productive; largely grown for feeding stock. Oz., 5 cts.; ¼ lb., 15 cts.; lb., 40 cts.

RHUBARB.

German, *Rhabarber*.—French, *Rhubarbe*.—Spanish, *Rubarbo Bastardo*.

Sow in April, in drills a foot apart, thinning out to about the same distance apart in the rows when a few inches high. In fall, or the following spring, transplant into deep, rich soil, about three feet apart each way. If propagated by dividing the roots, it may be done either in fall or spring, planting it at the same distance apart as given above. The large roots of Rhubarb are easily forced, if taken up and packed closely together under the stage of a green-house or warm cellar—as no light is necessary for the development of the stalk.

If by mail in quantities of ¼ lb. and upward, postage must be added at the rate of 16 cents per lb.

Linnaeus. Early, large and tender. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., \$2.50.

Victoria. Very large later than Linnaeus. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., \$2.50.

For Price of Rhubarb Roots, see Vegetable Plants

RADISH.

German, *Rettig*, *Radieschen*.—French, *Radis*, *Rave*, *Petite Rave*.—Spanish, *Rabano*.

Radishes thrive best in a light, sandy loam; heavy or clayey soils not only delay their maturity, but produce crops much inferior both in appearance and flavor. For a successive supply, sow from the middle of March until September, at intervals of two or three weeks. For an early supply they may be sown in a hot-bed in February, care being taken to give plenty of ventilation, otherwise they will run to leaves.

If by mail in quantities of ¼ lb. and upward, postage must be added at the rate of 16 cts. per lb.

LONG SCARLET SHORT-TOP. The standard variety for market and private gardens. (See cut.) Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

Wood's Early Frame. Excellent for forcing. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., \$1.00.

EARLY SCARLET TURNIP. Rather more delicate in flavor than the above; excellent for summer use. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

EARLY ROUND DARK RED. Its shape is of the best type of the round sorts; color of skin a very dark red; white flesh, with very small tap root. It makes very small tops, and it is on this account particularly valuable for forcing in frames or green-houses, for which we specially recommend it. It is as well adapted, however, for summer use in the open ground as any of the other strictly summer sorts. Growers for the New York market, to whom we sold seed last year, received for it a price fully one-third higher than the ordinary Scarlet Turnip Radish was bringing at the same time, so distinct and handsome was its appearance. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., \$1.00.

EARLY WHITE TURNIP. Very early; flesh pure white. Good shape and mild flavor. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., \$1.00.

WHITE TIPPED SCARLET TURNIP. This is an early variety, of medium size, of excellent flavor and of very handsome appearance. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

FRENCH BREAKFAST. A variety of quick growth, very mild and tender. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

White Summer Turnip. Excellent for summer use; of mild flavor. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

YELLOW SUMMER TURNIP. Grows to a large size; excellent to stand the heat and drought of summer. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

Gray Summer Turnip. An excellent variety for summer use. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

Long White Naples. Flesh white, crisp and mild. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., \$1.00.

GRAY LONG WINTER. An exceedingly fine winter variety; grows somewhat larger than the Black Spanish; good keeper and of a gray color. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., \$1.00.

Olive-Shaped Scarlet. Oblong-shaped, flesh rose-colored; a good summer variety. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

White Olive-Shaped. A very valuable forcing variety. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., \$1.00.

ROSE CHINA WINTER. (See cut.) Bright rose-color; flesh firm and piquant; excellent for winter use. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., \$1.00.

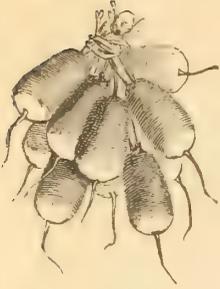
LONG BLACK SPANISH. One of the hardiest and best for winter use. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., \$1.00.

ROUND BLACK SPANISH. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

Long White Spanish. Rather milder in flavor than the Long Black Spanish. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 25 cts.; lb., 75 cts.

CALIFORNIA MAMMOTH WHITE WINTER. A giant white-fleshed Fall Radish of excellent quality. (See cut.) Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb., \$1.50.

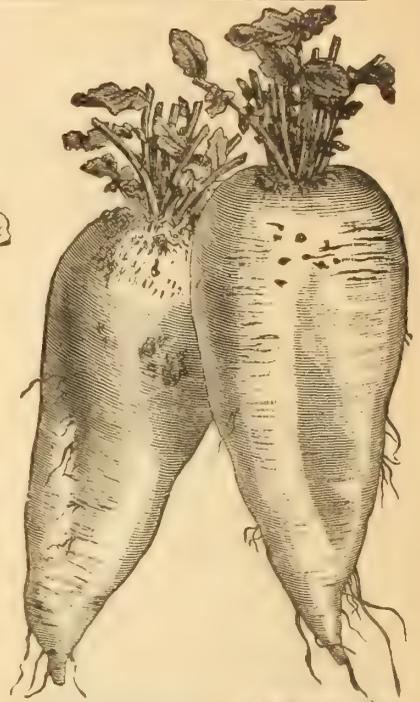
Raphanus Caudatus, or Rat-Tail Radish. This remarkable vegetable produces in a short time pods from two to three feet long, which may be used either boiled, as a salad, or in pickles. The pods, either cooked or uncooked, should be used when about half-grown, when they have a most agreeable flavor. Pkt., 10 cts.; oz., 50 cts.



French Breakfast Radish.
See page 39.



Long Gray Winter Radish.
See page 39.



California Mammoth Winter Radish.
See page 39.



Scorzonera.
See page 41.



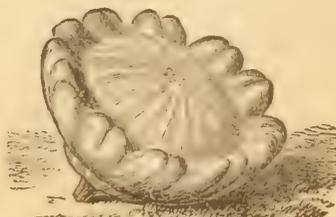
Hubbard Squash.
See page 41.



Salsify.
See page 41.



New Zealand Spinach.
See page 41.



White Bush Scalloped Squash.
See page 41.

SALSIFY, or Oyster Plant.

German, *Borshart*.—French, *Salsifis*.—Spanish, *Ostra Vegetal*.

The Oyster Plant succeeds best in light, well-enriched, mellow soil, which, previous to sowing the seeds, should be stirred to a depth of eighteen inches. Sow early in spring, in drills fifteen inches apart; cover the seeds with fine soil, an inch and a half in depth, and when the plants are strong enough, thin out to six inches apart. (See cut.)

If by mail in quantities of $\frac{1}{4}$ lb. and upward, postage must be added at the rate of 16 cents per lb.

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

SCORZONERA, or BLACK OYSTER PLANT.

This vegetable requires the same treatment as Salsify, which it nearly resembles; it is not, however, so generally esteemed. Sow in drills, eighteen inches apart, and thin out to nine inches from plant to plant.

If by mail in quantities of $\frac{1}{4}$ lb. and upward, postage must be added at the rate of 16 cts. per lb.

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

SEA-KALE.

German, *Seekohl*.—French, *Crambe Maritimee*.—Spanish, *Breton de Mar*.

Cultivated for its blanched shoots, which are cooked as Asparagus. A supply may be had all winter by planting the roots closely in a warm cellar before frost. Sow one inch deep, in drills two feet apart, thin out to six inches, and the next spring plant in hills three feet apart; as this vegetable is only used like Celery when blanched, the plants must be excluded from the light by covering up with leaves or litter.

Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

SORREL.

Broad Leaved. Much used for salads. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

SPINACH.

German, *Spinat*.—French, *Epinard*.—Spanish, *Espinaca*.

This is a very important crop in our market gardens, and is one of the most easily managed of all vegetables, requiring but little culture, and may be had fit for use the entire season. The main crop is sown in September; it is sometimes covered up in exposed places with straw or salt hay during winter, which prevents it from being cut with the frost; but in sheltered fields here there is no necessity for covering. For summer use it may be sown at intervals of two or three weeks, from April to August. Spinach is best developed and most tender and succulent when grown in rich soil.

If by mail in quantities of $\frac{1}{4}$ lb. and upward, postage must be added at the rate of 16 cts. per lb.

SAVOY LEAVED. A most valuable variety, and which produces nearly twice the weight of crop as the ordinary sorts, and which has another most important value in the fact that it is the hardiest of all varieties of Spinach, as we have proved to our entire satisfaction, by a comparative test in our grounds for the past four winters. In appearance the leaf is wrinkled in the same way peculiar to the Savoy Cabbage; hence the name. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

ROUND LEAF. The main market sort; equally good for either fall or spring sowing. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

LONG STANDING. (See *Novelties*, page 17.) Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 50 cts.

Prickly. Stands well in winter, but gives less bulk per acre than the Round Leaf. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

LARGE ROUND LEAF VIROFLAY. A new variety, with very large, thick leaves. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

NEW THICK LEAVED. (See *Special Description*, page 17.) Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 50 cts.

New Zealand. Produces leaves in great abundance throughout the summer; should be raised in heat, and transplanted three feet apart each way into light, rich soil. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

SQUASH.

German, *Kurbiss*.—French, *Courge*.—Spanish, *Calabasa Tomatera*.

Squashes are of luxuriant and vigorous growth, and although they will grow readily on almost any soil, they will well repay generous treatment. Like all vegetables of this class, it is useless to sow until the weather has become settled and warm. Light soils are best suited for their growth, and

it is most economical of manure to prepare hills for the seeds in ordinary manner by incorporating two or three shovelfuls of well-rotted manure with the soil for each hill. For the bush varieties, from three to four feet each way, and for the running sorts, from six to eight feet. Eight or ten seeds should be sown in each hill, thinning out after they have attained their rough leaves, leaving three or four of the strongest plants.

See "Special Prizes for Best Vegetables," in *Introductory*. If by mail in quantities of $\frac{1}{4}$ lb. and upward, postage must be added at the rate of 16 cts. per lb.

PERFECT GEM. (See *Special Description*, page 17.) Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

GREEN STRIPED BUSH. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

WHITE BUSH SCALLOPED. (See cut.) An early market variety, excellent for shipping. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

YELLOW BUSH SCALLOPED. A sub-variety of the preceding, principally differing in color. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

BUSH SUMMER CROOK NECK. Early, productive, and of good quality; fruit orange yellow, covered with warty excrescences. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.35.

Butman. A fine grained and distinct variety; dry, sweet, and delicious flavor. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

BOSTON MARROW. A much esteemed variety, coming in about ten days later than the bush sorts; a good keeper, and of unsurpassed flavor. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

COCOANUT. Very prolific, producing 6 to 12 on a vine. Outer color light yellow, the bottom of the fruit being of a rich green hue. Quality, first rate. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

HUBBARD. A general favorite, and more largely grown as a late sort than any other; of large size, flesh fine-grained, dry and of excellent flavor. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

MARBLEHEAD. An excellent variety, resembling the Hubbard. The flesh is of rather lighter color than that variety, while its combination of sweetness, dryness and delicious flavor is remarkable. It yields equal to the Hubbard, and its keeping qualities are said to be better. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

MAMMOTH CHILL. Grows to an immense size, often weighing over two hundred pounds; excellent for all uses. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

Winter Crook Neck. A variety largely grown in some of the Eastern States; flesh close-grained, sweet and fine flavored; plant in hills nine feet apart. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

American Turban. Flesh orange-yellow; thick, fine-grained and well-flavored; an excellent variety for use in the fall and early winter. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

Vegetable Marrow. (See cut.) A favorite English sort; skin greenish-yellow, flesh white, soft, and of rich flavor; quite distinct from all the preceding. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

TOMATO SEED.

Connecticut Seed Leaf. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.0; lb., \$3.00.

Imported Havana. Pkt., 15 cts.; oz., 60 cts.; $\frac{1}{4}$ lb., \$2.00; lb., \$6.00.

Virginia. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.

Kentucky. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.

TOMATO.

German, *Liebesapfel*.—French, *Tomate*.—Spanish, *Tomate*.

This vegetable is one of the most important of all garden products. The seed should be sown in a hot-bed, greenhouse, or inside the window or sitting-room, where a night temperature of not less than 60 degrees is kept, about the first week in March, in drills five inches apart, and half an inch deep, or broadcast if desired. When the plants are about two inches high they should be set out four or five inches apart in same temperature, or removed into small pots, allowing a single plant to a pot; they are sometimes transplanted a second time into larger pots, by which process the plants are rendered more sturdy and branching. About the middle of May, in this latitude, the plants may be set in the open ground; they are planted three feet apart, in hills in which a good shovelful of rotten manure has been mixed. On heavy soils, which are not suited for an early crop, they should be planted four feet apart. Water freely at the time of transplanting, and shelter from the sun for a few days until the plants are established. Sufficient plants for a small garden may be started by sowing a few seeds in a shallow box or flower pot, and placing it in a sunny window of room or kitchen.

TOMATO.—(Continued.)

If by mail in quantities of $\frac{1}{4}$ lb. and upward, postage must be added at the rate of 16 cts. per lb.

See "Special Prizes for Best Vegetables," in Introductory.

THE CARDINAL. (See page 19.) Pkt., 25 cts.; 5 pkts. \$1.00.

LIVINGSTONE'S FAVORITE. (See page 19.) Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50.

MAYFLOWER. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50.

PERFECTION. (See Cut.) The fruit is larger in size than the Acme; and a little smaller than the Paragon; color, blood red; it is as early as the Canada Victor (one of the first to ripen), almost round in shape, perfectly smooth, and very solid, of the best quality, enormously productive, bearing all through the season until frost. As it is very solid, and has a tough skin, it will be found very valuable for shipping purpose, and it has the further merit of ripening all over and through at the same time. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

ACME. This new Tomato is one of the earliest and handsomest varieties yet introduced. The fruit is of medium size, perfectly smooth and regular in shape, very solid, and a great bearer. Color quite distinct, being crimson with a pinkish tinge. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

PARAGON. Also a new sort, for which the description of the Acme will answer in all respects, with this important difference, that in the Paragon the color is of a bright, glossy crimson, entirely free from the pinkish tinge characteristic of the Acme, and for this reason it will, in some sections, be considered more desirable as a market sort. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

THE TROPHY. This, when well grown, is without doubt one of the best Tomatoes in cultivation. It is unsurpassed in size, in flavor, in productiveness, and in every other desirable quality. Our Seed is carefully grown for us, and is saved only from perfect specimens, the finest fruits being selected each year for seed. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50.

TROPHY, EXTRA SELECTED. Saved only from specimens of perfect form, weighing from 16 to 24 ounces. Pkt., 15 cts.; oz., 50 cts.

BLOUNT'S CHAMPION CLUSTER. A distinct and valuable variety, growing in clusters of from ten to twenty large-sized, smooth, well-shaped fruits in one bunch. It is as early as the Trophy, and for the size of fruit, remarkably smooth and free from inequalities. Color rich dark crimson, flesh very solid. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

The Conqueror. One of the earliest varieties; fruit of good size, very uniform in shape. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

NEW YORK MARKET. One of the earliest; large, smooth, solid and productive. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

ARLINGTON. Fruit uniformly large, perfect in form; very prolific, and of fine flavor. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

GENERAL GRANT. A very superior variety; fruit large, of good quality, and ripens rapidly and thoroughly. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

HATHAWAY'S EXCELSIOR. Early, of medium size, smooth, very solid, and of excellent quality. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

CANADA VICTOR. One of the earliest, of medium size, very symmetrical in shape. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

QUEEN. A variety that has been specially recommended to us for canning, and which is grown around Baltimore for this purpose; fruit somewhat resembles the Trophy in appearance. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

VICK'S CRITERION. Fruit medium size, plum shape, and in color somewhat resembling the Acme. This variety is very highly spoken of in England. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

GOLDEN TROPHY. Identical in form and size with the well-known Trophy, but in color a beautiful canary yellow, sometimes streaked lightly with red. Well suited for preserving as well as for table. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

ESSEX HYBRID. Quite an early variety, attaining a large size, perfectly smooth, and of a bright pink color. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

ISLAND BEAUTY. The fruit of this is very large, of medium earliness, resembling the Trophy in appearance; and is produced in clusters of about ten fine-formed fruits in one bunch. Color a deep crimson, is a very prolific bearer and the quality of the very best. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00; lb., 3.00.

Feejee Island (Lester's Perfected.) Fruit very large, light red or pinkish color, very solid and well-flavored; a good late sort. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Large Yellow. Similar in all respects to the large, smooth red, except in color, which is of a bright yellow. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

Pear Shaped. Used for preserving and pickling. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

Yellow Plum. A beautiful variety, used principally for pickling. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

Red Cherry. A small early variety, size and shape of a cherry; for pickling. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

Greengage. Resembling a yellow plum in shape and color; excellent for preserving. Pkt., 10 cts.; oz., 50 cts.

Strawberry, or Winter Cherry. The fruit has a pleasant, Strawberry-like flavor, and is esteemed by many. Pkt., 10 cts.; oz., 50 cts.

TURNIP.

German, *Steckrube*.—French, *Navet*.—Spanish, *Nabo Coman*.

Turnips do best in highly enriched, light, sandy or gravelly soil; commence sowing the earliest varieties in April in drills, from twelve to fifteen inches apart, and thin out early to six or nine inches in the rows. For a succession, sow at intervals of a fortnight, until the last week in July, from which time until the end of August, sowings may be made for the fall and main crops. Turnips may be preserved until spring by cutting off the tops about one inch from the bulb, and storing in a cellar or cool shed during winter, covering the roots with dry sand; they should be harvested before severe frosts set in, for, though comparatively hardy, few of the varieties will survive the winters of the Northern States in the open ground.

If by mail in quantities of $\frac{1}{4}$ lb. and upward, postage must be added at the rate of 16 cts. per lb.

SNOW-WHITE OLIVE SHAPED. (See page 19.) Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

EXTRA EARLY PURPLE TOP MUNICH. From our experience with it for three seasons, we think it must occupy the same place among Turnips that the Egyptian variety does among the Beet family—that of being earliest of all. We have seen whole fields of the Purple Top Munich Turnip that have been fit to pull at least two weeks before any other sort could be touched. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

RED TOP STRAP LEAF. Rapid grower and mild flavor; the most popular variety for early use, either for the table or stock. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Early White Strap Leaf. Differs from the preceding only in color. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Early Flat Dutch. An excellent garden variety, resembling White Strap Leaf, the best variety for spring sowing. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

WHITE EGG. Belongs to the class of quick-growing Fall Turnips, and for this purpose should be sown, in this latitude, between August 10th and 25th. Its shape is nearly oval or egg, as its name would indicate; flesh very firm and fine grained, thin and perfectly smooth skin, and both flesh and skin are of snowy whiteness. Its flavor is of the very best, mild and sweet, making it particularly desirable for table use, while its attractive appearance is certain to make it one of the most salable Turnips that can be grown for market. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

PURPLE TOP WHITE GLOBE. An early variety, globe shaped; in other respects similar to the Red Top Strap Leaf. A handsome-looking bulb, and is rapidly taking the lead of all other varieties of early Turnip for market garden purposes. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Large White Norfolk. A very large-growing, globe-shaped variety; flesh coarse grained and sweet; one of the best early varieties for stock, but not so desirable for table use. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

LONG WHITE, OR COW HORN. Matures very quickly; roots shaped like a carrot, about half of which is formed above ground; flesh white, fine grained and sweet, and of excellent quality for table use. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

YELLOW STONE. Bulbs of medium size, very firm, excellent flavor and good keeper; one of the best and most popular yellow-fleshed varieties for table use; it is equally good for feeding stock. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Yellow Finland. A small early variety; flesh, bright yellow; bulbs flat and singularly compressed at bottom; a distinct variety, and excellent for table use. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

YELLOW GLOBE. One of the best varieties for general crop; flesh very firm and sweet, and keeps well until late in spring, grows to a large size, and is excellent both for stock or table use. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

GOLDEN BALL ROBERTSON'S. Rapid grower, excellent flavor, globe-shaped and of a beautiful bright yellow color; a good keeper, and has no superior for table use. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Yellow Malta. A nearly variety, of fine flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Yellow Aberdeen. Very hardy and productive, good keeper, globe-shaped, color pale yellow with purple top. Very firm in texture, and closely resembling the Ruta Bagas in good keeping qualities; good either for table or stock. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

Teltow, or Small Berlin. The smallest of all Turnips; roots are spindle-shaped, and formed entirely underground; the rind has a peculiar flavor, and should not be taken off when used; much cultivated in Germany, where it is highly esteemed for flavoring soups. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Seven Top (for Turnip Greens). Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

RUTA BAGA, RUSSIAN, or SWEDISH TURNIP.

The Ruta Baga, Swedish, or Russian Turnip is extensively grown for a farm crop; the roots are close grained, very hard, and will endure a considerable degree of cold without injury. They are best preserved in a pit or cellar during the winter, and are excellent for the table early in spring. Sow from the 20th of June to the middle of July, in drills two feet apart, and thin out to eight inches in the rows.

IMPROVED AMERICAN (PURPLE TOP). The leading variety; very hardy and productive; flesh yellow, solid, sweet and fine-flavored; equally good for stock or table use; the principal variety raised by market gardeners. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Skirving's Purple Top. A first-rate variety for table or stock, grows to a large size, flesh firm, solid and sweet, and a good keeper. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

SHAMROCK. One of the finest purple-top varieties in cultivation; forms a handsome bulb, with small top and very few leaves; an excellent keeper, and good for stock or table use. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Laing's Improved. One of the earliest of the Ruta Bagas; forms a handsome bulb of good quality; keeps well, good for table use. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

LARGE WHITE FRENCH. A superior variety for table or stock; flesh firm, white and solid; attains a large size, and has a very rich and sweet flavor; a very popular variety. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

English Rape. Not a Ruta Baga, although closely allied; cultivated for its tops, which are valuable for feeding stock; it forms no bulb. $\frac{1}{4}$ lb., 10 cts.; lb., 30 cts.

WITLOEF.

A most distinct and comparatively new vegetable, somewhat resembling Chicory in habit. It produces a moderate-sized and beautiful white heart, in shape similar to a Cos Lettuce, and either eaten boiled or as a salad will be found a valuable acquisition to our short list of winter vegetables. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

MISCELLANEOUS.

FRUIT SEEDS.

If by mail, postage must be added at the rate of 16 cts. per lb., or 25 cts. per qt.

- Apple Seed.** 40 cts. per qt.; \$10.00 per bush.
- Cherry Pits, Mahaleb.** 50 cts. per lb.
- Currant, Red.** 15 cts. per pkt.; 50 cts. per oz.
- “ **White.** 15 cts. per pkt.; 50 cts. per oz.
- “ **Black.** 15 cts. per pkt.; 50 cts. per oz.
- Gooseberry, Red.** 25 cts. per pkt.; \$1.50 per oz.
- “ **Yellow.** 25 cts. per pkt.; \$1.50 per oz.
- “ **Green.** 25 cts. per pkt.; \$1.50 per oz.
- Pear Seed.** 25 cts. per oz.; \$2.50 per lb.
- Quince Seed.** 25 cts. per oz.; \$2.50 per lb.
- Raspberry Seed.** 15 cts. per pkt.; 75 cts. per oz.
- Strawberry Seed.** 25 cts. per pkt.; \$1.00 per oz.
- “ **Red Alpine.** 15 cts. per pkt.

SWEET, POT and MEDICINAL HERBS.

No garden is complete without a few herbs for culinary or medicinal purposes, and care should be taken to harvest them properly. This should be done on a dry day, just before they come into full bloom, then dried quickly and packed closely, entirely excluded from the air. Sow in spring, in shallow drills, one foot apart, and when well up thin out or transplant to a proper distance apart.

Anise (*Pimpinella Anisum*). Cultivated principally for garnishing and seasoning, like *Fennel*. Pkt., 5 cts.; oz., 15 cts.

Balm (*Melissa Officinalis*). Principally used for making balm tea or balm wine. Pkt., 10 cts.; oz., 50 cts.

Basil, Sweet (*Ocimum Basilicum*). The leaves and tops of the shoots are the parts gathered, and are used for highly seasoned dishes, as well as in soups, stews and sauces; a leaf or two is sometimes introduced into salads. Pkt., 10 cts.; oz., 50 cts.

Bene (*Sesamum Orientale*). Pkt., 5 cts.; oz., 20 cts.

Borage (*Borago Officinalis*). Excellent for bees. Pkt., 5 cts.; oz., 25 cts.

Caraway (*Carum Carai*). Chiefly cultivated for the seed, which is used in confectionery and medicine; in spring the under leaves are sometimes put in soups. Pkt., 5 cts.; oz., 15 cts.

Castor Oil Plant (*Ricinus Communis*). Pkt., 5 cts.; oz., 15 cts.

Catnip (*Nepeta Cataria*). Pkt., 15 cts.; oz., 60 cts.

Coriander (*Coriandrum Sativum*). Cultivated for garnishing, but more frequently for its seeds, which are used by confectioners. Pkt., 5 cts.; oz., 15 cts.

Dill (*Anethum Graveolens*). The leaves are used in soups and sauces, and to put along with pickles. Pkt., 5 cts.; oz., 15 cts.

Fennel (*Anethum Feniculum*). The leaves, boiled, enter into many fish sauces, and raw form a beautiful ornament. Pkt., 5 cts.; oz., 15 cts.

Hop Seed (*Humulus Nupulus*). Pkt., 25 cts.; oz., \$1.50.

Horhound (*Marrubium Vulgare*). Principally used for medicinal purposes. Pkt., 10 cts.; oz., 50 cts.

Hyssop (*Hyssopus Officinalis*). The leafy tops and flowers are gathered and dried for making Hyssop Tea and other purposes. Pkt., 10 cts.; oz., 40 cts.

Lavender (*Lavandula Spica*). A popular aromatic herb. Pkt., 10 cts.; oz., 40 cts.

Marjoram, Sweet (*Origanum Majorana*). For seasoning. Pkt., 10 cts.; oz., 40 cts.

— **Pot** (*Origanum Onites*). Pkt., 10 cts.; oz., 50 cts.

Opium Poppy (*Papaver Somniferum*). Pkt., 5 cts.; oz., 30 cts.

Rosemary (*Rosemarinus Officinalis*). An aromatic herb. Pkt., 10 cts.; oz., 50 cts.

Rue (*Ruta Graveolens*). Used for medicinal purposes, also given to fowl for the croup. Pkt., 10 cts.; oz., 40 cts.

Saffron (*Carthamus Tinctorius*). Pkt., 5 cts.; oz., 15 cts.

Sage (*Salvia Officinalis*). The leaves and tender tops are used in stuffing and sauces. Pkt., 5 cts.; oz., 30 cts.; lb., \$3.00.

Savory, Summer (*Satueria Hortensis*). Used for seasoning. Pkt., 5 cts.; oz., 25 cts.

Sorrel, Broad-leaved. Used for salads. Pkt., 5 cts.; oz., 15 cts.

Thyme, Broad-leaved, English (*Thymus Vulgaris*). For seasoning, etc. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.75.

Tansy (*Tanacetum Vulgaris*). Pkt., 10 cts.; oz., 50 cts.

Winter Savory. Pkt., 10 cts.

Wormwood (*Artemesia Absinthium*). Used for medicinal purposes; it is also beneficial to poultry, and should be planted in poultry grounds. Pkt., 10 cts.; oz., 50 cts.

BIRD SEEDS.

(Prices variable.)

If by mail, postage must be added at the rate of 15 cts. per lb., or 25 cts. per qt.

- Canary.** Best Sicily (*Phalaris Canariensis*). Qt., 30 cts.; bush., \$4.00.
- Hemp** (*Canabis Sativa*). Qt., 20 cts.; bush., \$3.00.
- Maw** (*Papaver Rheas*). Lb., 30 cts.
- Millet** (*Panicum Miliaceum*). Qt., 15 cts.
- Rape** (*Brassica Napus*). Qt., 30 cts.
- Mixed Bird Seed.** Qt., 20 cts.; bush., \$4.00.
- Mocking Bird Food.** 40 cts. per bottle.

COMPLETE COLLECTIONS OF VEGETABLE SEEDS.

The following Collections, adapted for large or small gardens, we will supply at the following very low rates—rates that are at least one-fourth less than the same kinds and quantities of Seeds are usually sold at. Buyer to pay charges in all cases.

ARTICLES.	No. 1. Price \$25. Contains—	No. 2. Price \$20. Contains—	No. 3. Price \$15. Contains—	No. 4. Price \$10. Contains—	No. 5. Price \$5. Contains—
Beans, Bush, best kinds for succession.....	6 qts.	4 qts.	3 qts.	2 qts.	2 pts.
" Lima and other Pole.....	2 "	1 "	2 pts.	1 pt.	1 "
Beet, best sorts for succession.....	16 oz.	12 oz.	8 oz.	6 oz.	4 oz.
Brussels Sprouts.....	4 "	1 1/2 "	1 1/2 "	1 pkt.	1 pkt.
Cabbage, best early and late.....	6 "	5 "	4 "	3 oz.	2 oz.
Carrot, early and late.....	14 "	12 "	6 "	5 "	2 "
Cauliflower, best varieties.....	1 "	3 pkts.	3 pkts.	2 pkts.	1 pkt.
Celery, Henderson's Half Dwarf.....	2 "	1 oz.	1 oz.	1/2 oz.	1/2 oz.
Cucumber, leading kinds.....	6 "	4 "	3 "	2 "	1 "
Corn, Sweet, best varieties for succession.....	7 qts.	6 qts.	4 qts.	3 qts.	3 pts.
Cress, or Pepper-Grass, Curled.....	4 oz.	2 oz.	2 oz.	2 oz.	1 oz.
Egg Plant, New York Improved.....	1 1/2 "	1 1/2 "	2 pkts.	1 pkt.	1 pkt.
Endive, best curled.....	3 "	1 "	1 1/2 oz.	1 1/2 oz.	1 "
Kale, Dwarf German and Curled Scotch.....	1 "	1 "	1 "	1 pkt.	1 "
Kohl Rabi, Early White Vienna.....	1 "	1 "	1 1/2 "	1 1/2 oz.	1 "
Leek, American Flag.....	2 "	1 "	1 "	1 1/2 "	1 "
Lettuce, best varieties.....	4 "	3 "	2 "	1 1/2 "	8 "
Melon, Musk, the best kinds.....	8 "	4 "	3 "	3 "	2 "
" Water, the best kinds.....	4 "	4 "	4 "	2 "	2 "
Okra, or Gumbo.....	4 "	4 "	4 "	2 "	1 "
Onion, the best varieties.....	8 "	6 "	4 "	3 "	1 "
Parsley, Extra Curled.....	2 "	2 "	2 "	1 "	1 oz.
Parsnip, Long Smooth.....	8 "	4 "	3 "	2 "	1 "
Peas, best kinds for succession.....	10 qts.	8 qts.	6 qts.	4 qts.	4 pts.
Pepper, Large Bell and Long Red.....	1 oz.	1 oz.	2 pkts.	2 pkts.	1 pkt.
Radish, best varieties for succession.....	12 "	8 "	7 oz.	4 oz.	2 oz.
Salsify, or Oyster Plant.....	4 "	2 "	1 "	1 1/2 "	1 1/2 "
Spinach, Savoy Leaved.....	12 "	8 "	8 "	6 "	4 "
Squash, Summer and Winter.....	8 "	6 "	4 "	4 "	2 "
Tomato, Trophy and other good varieties.....	2 "	2 "	1 1/2 "	4 pkts.	2 pkts.
Turnip, best kinds, early and late.....	12 "	8 "	8 "	6 oz.	2 oz.
Herbs, the most useful kinds.....	6 pkts.	5 pkts.	4 pkts.	3 pkts.	2 pkts.

TABLE SHOWING THE QUANTITY OF SEED USUALLY SOWN UPON AN ACRE.

Barley, broadcast.....	2 to 3 bush.	Mustard, broadcast.....	1/2 bush.
Beans, Dwarf, in drills.....	1 1/2 bush.	Melon, Musk, in hills.....	2 to 3 lbs.
Beans, Pole, in hills.....	10 to 12 qts.	Melon, Water, in hills.....	4 to 5 lbs.
Beets, in drills.....	6 lbs.	Millet, Common, broadcast.....	1 bush.
Broom Corn, in hills.....	8 to 10 qts.	Oats, broadcast.....	2 to 3 bush.
Buckwheat.....	1 bush.	Onion, in drills.....	6 to 8 lbs.
Cabbage, in beds to transplant.....	1/4 lb.	Onion for Sets, in drills.....	50 lbs.
Carrot, in drills.....	3 to 4 lbs.	Onion, Sets, in drills.....	6 to 12 bush.
Chinese Sugar Cane.....	12 qts.	Parsnip, in drills.....	4 to 6 lbs.
Clover, Red, alone.....	15 to 20 lbs.	Peas, in drills.....	1 1/2 bush.
Clover, White, alone.....	12 to 15 lbs.	Peas, broadcast.....	3 bush.
Clover, Alsike, alone.....	8 to 10 lbs.	Potatoes (cut tubers).....	4 bbls.
Clover, Lucerne or Alfalfa.....	20 lbs.	Pumpkin (in hills).....	3 lbs.
Corn, in hills.....	8 to 10 qts.	Radish, in drills.....	8 to 10 lbs.
Corn, for Soiling.....	3 bush.	Rye, broadcast.....	1 1/2 to 2 bush.
Cucumber, in hills.....	2 lbs.	Sage, in drills.....	8 to 10 lbs.
Flax, broadcast.....	1 1/2 bush.	Salsify, in drills.....	8 to 10 lbs.
Grass, Kentucky Blue.....	3 bush.	Spinach, in drills.....	15 lbs.
Grass, Orchard.....	3 bush.	Squash, (bush varieties), in hills.....	4 lbs.
Grass, English Rye.....	3 bush.	Squash, (running varieties), in hills.....	3 lbs.
Grass, Red Top.....	3 bush.	Tomato, to transplant.....	1/4 lb.
Grass, Timothy.....	1/2 bush.	Turnip, in drills.....	1 lb.
Grass, Hungarian.....	1 bush.	Turnip, broadcast.....	1 lb.
Grass, Mixed Lawn.....	5 bush.	Timothy, alone.....	1/2 bush.
Hemp.....	1 1/2 bush.	Vetches, broadcast.....	2 to 3 bush.
Mangel Wurzel.....	5 lbs.	Wheat, broadcast.....	1 1/2 to 2 bush.

Quantity of Seeds required for a given number of Plants, number of Hills or Length of Drills.

Asparagus.....	1 oz. to 60 ft. of drill.	Parsnip.....	1 oz. to 200 ft. of drill.
Beet.....	1 oz. to 50 ft. of drill.	Peas.....	1 qt. to 100 ft. of drill.
Beans, Dwarf.....	1 qt. to 100 ft. of drill.	Pumpkin.....	1 oz. to 40 hills.
Beans, Pole.....	1 qt. to 150 hills.	Radish.....	1 oz. to 100 ft. of drill.
Carrot.....	1 oz. to 150 ft. of drill.	Salsify.....	1 oz. to 70 ft. of drill.
Cucumber.....	1 oz. to 50 hills.	Spinach.....	1 oz. to 100 ft. of drill.
Corn.....	1 qt. to 200 hills.	Squash, Early.....	1 oz. to 50 hills.
Dandelion.....	1 oz. to 200 ft. of drill.	Squash, Marrow.....	1 oz. to 20 hills.
Endive.....	1 oz. to 150 ft. of drill.	Turnip.....	1 oz. to 150 ft. of drill.
Leek.....	1 oz. to 100 ft. of drill.	Cabbage.....	1 oz. to 200 plants.
Melon, Water.....	1 oz. to 30 hills.	Cauliflower.....	1 oz. to 200 plants.
Melon, Musk.....	1 oz. to 60 hills.	Celery.....	1 oz. to 300 plants.
Okra.....	1 oz. to 40 ft. of drill.	Egg Plant.....	1 oz. to 100 plants.
Onion.....	1 oz. to 10 ft. of drill.	Lettuce.....	1 oz. to 300 plants.
Onion, Sets, small.....	1 qt. to 40 ft. of drill.	Pepper.....	1 oz. to 100 plants.
Parsley.....	1 oz. to 150 ft. of drill.	Tomato.....	1 oz. to 1500 plants.

GRASS AND CLOVER SEEDS.

We desire to call special attention to the list of grass seeds here submitted and to say that this department is now a very extensive one with us. Of course the prices of Grass and Clover Seeds are subject to constant change, and the rates here given are those ruling at this date (January 1st, 1884), so that customers, particularly those desiring to purchase in quantity, should write us for special quotations and samples, which will be promptly furnished.

GRASSES IN VARIETY.

If by mail, postage must be added at the rate of 16 cts. per lb., or 10 cts. per qt. (Prices subject to variation.)

Red Top Grass (*Agrostis Vulgaris*.) Valuable as a mixture in either pasture or lawn grasses; succeeds well in almost any soil (14 lbs. to the bushel). About 3 bush. to the acre. Qt., 15 cts.; bush., \$1.50.

Kentucky Blue Grass (*Poa Pratensis*.) Also known as June Grass; a valuable variety for lawns when mixed with other grasses; thrives best in dry soils, and retains its verdure during the hottest weather. About 3 bush. to the acre. *Extra clean seed.* (14 lbs. to bush.) Qt., 20 cts.; bush., \$2.25.

— *Double Extra Clean.* Qt., 20 cts.; bush., \$2.50.

Creeping Bent Grass (*Agrostis Stolonifera*.) An excellent variety for lawns, succeeding well in most situations. About 2 bush. to the acre. (Bushel of 15 lbs.) Qt., 20 cts.; bush., \$4.00.

Rhode Island Bent Grass (*Agrostis Canina*.) One of the finest of grasses for lawns when sown alone. About 2 bush. to the acre. (Bushel of 10 lbs.) Qt., 20 cts.; bush., \$4.00.

Orchard Grass (*Dactylis Glomerata*.) One of the most desirable of all pasture grasses. Especially valuable for grazing stock. 3 bush. to the acre. (Bushel of 14 lbs.) Qt., 25 cts.; bush., \$3.00.

Timothy, or Herd Grass (*Phleum Pratense*.) This well-known variety is extensively grown throughout the country. It will produce a larger crop, and is said to contain more nutriment than any other kind. From ½ to 1 bushel per acre. (45 lbs. to bushel.) Bush., \$2.75.

Hard Fescue (*Festuca Duriuscula*.) One of the finest of dwarf-growing grasses, thriving well in dry situations. 2½ bushels to the acre. (About 12 lbs. to bushel.) Lb., 35 cts.

Meadow Fescue (*Festuca Pratensis*.) A valuable variety for permanent pastures. 2½ bushels to the acre. (About 15 lbs. to bushel.) Lb., 60 cts.

Sheep's Fescue (*Festuca Ovina*.) Excellent for sheep pastures; is short and dense in growth, making it valuable for grass plots. 2½ bushels to the acre. (About 12 lbs. to bushel.) Lb., 30 cts.

English Rye Grass (*Lolium Perenne*.) A very nutritious and valuable grass for meadows and permanent pastures. 2½ to 3 bushels to the acre. (Bushel of 24 lbs.) Bush., \$4.00.

Italian Rye Grass (*Lolium Italicum*.) A valuable European variety, thriving in any soil, and yielding early and abundant crops. 3 bushels to the acre. (About 20 lbs. to the bushel.) Bush., \$3.75.

Hungarian Grass (*Panicum Germanicum*.) Is a valuable annual forage plant. 1 bushel to the acre. (48 lbs. to the bushel.) Bush., \$2.00.

Sweet Vernal Grass (*Anthoxanthum Odoratum*.) Useful as a mixture with other grasses, on account of its early growth. It emits an agreeable odor when cut for hay. 3½ bushels to the acre. (About 10 lbs. to bushel.) Lb., 60 cts.

Meadow Foxtail (*Alopecurus Pratensis*.) One of the most desirable of all grasses for permanent pasture, being early and rapid in growth. It thrives best on rich, moist soils. 3 to 4 bushels per acre. (About 7 lbs. to bushel.) Lb., 60 cts.

Tall Meadow Oat Grass (*Avena Elatior*.) Is highly recommended for soiling, being rapid and luxuriant in its growth. 5 to 6 bushels per acre. (Bushel of 13 lbs.) Bush., \$3.25.

Yellow Oat Grass (*Avena Flavescens*.) Good for dry pastures and meadows. (About 7 lbs. to the bushel.) Bush., \$5.00.

Wood Meadow Grass (*Poa Nemoralis*.) Well adapted for either pasture or pleasure grounds, having succulent and nutritive herbage; of early growth, and thriving well under trees. About 2 bushels to the acre. (About 14 lbs. to the bushel.) Lb., 60 cts.

Rough Stalked Meadow Grass (*Poa Trivialis*.) Valuable for pastures and meadows, particularly on damp soil and sheltered situations, producing a constant supply of nutritive herbage, greatly liked by cattle. 1½ bushels to the acre. (About 14 lbs. to the bushel.) Lb., 50 cts.

MILLETS.

If by mail, postage must be added at the rate of 16 cts. per lb., or 25 cts. per quart.

(Subject to variation in price.)

Pearl Millet. ½ requires from 3 to 5 lbs. of clean seed of this most valuable fodder plant to sow an acre. A detail of our experiments with it, with instructions for sowing, cutting and drying, sent free on application. Price, *clean seed*, 35 cts. per lb. (If by mail, 50 cts. per lb.)

German, or Golden Millet. Medium early; height, 3 to 5 feet; heads closely condensed; spikes very numerous; seeds round, golden yellow, in rough, bristly sheaths. Per bushel, \$2.00.

Hungarian (Grass) Millet (*Panicum Germanicum*.) Early; height, 2 to 3 feet; abundant foliage and slender head; withstands drought and yields well on light soils. Per bushel, \$2.00.

CLOVERS.

(Subject to variation in price.)

If by mail, postage must be added at the rate of 16 cts. per lb.

Red Clover, Medium (*Trifolium Pratense*.) Market Price.

Red Clover, Large, or Pea Vine. Market Price.

White Clover (*Trifolium Repens*.) Lb., 40 cts.

Alfalfa or Lucerne (*Medicago sativa*.) Lb., 35 cts.

Alsike, or Hybrid Clover (*Trifolium Hybridum*.) Lb., 40 cts.

Scarlet Clover (*Trifolium Incarnatum*.) Sow in July or August for soiling or mowing ensuing spring. Lb., 50 cts.

Bokhara Clover (*Melilotus Leucantha*.) Affords excellent food for bees throughout its season. Lb., 60c.

Trefoil, Yellow (*Medicago Lupulina*.) Hop clover. Lb., 40 cts.



A BEAUTIFUL LAWN

CAN BE OBTAINED BY SOWING OUR

“CENTRAL PARK”

LAWN GRASS SEED,

a mixture composed of selected grasses, identical with those forming the lawns of New York's famous Park. If the instructions here given are carefully followed, the seed we offer will be certain to produce a fine sward.

HOW TO MAKE A LAWN.

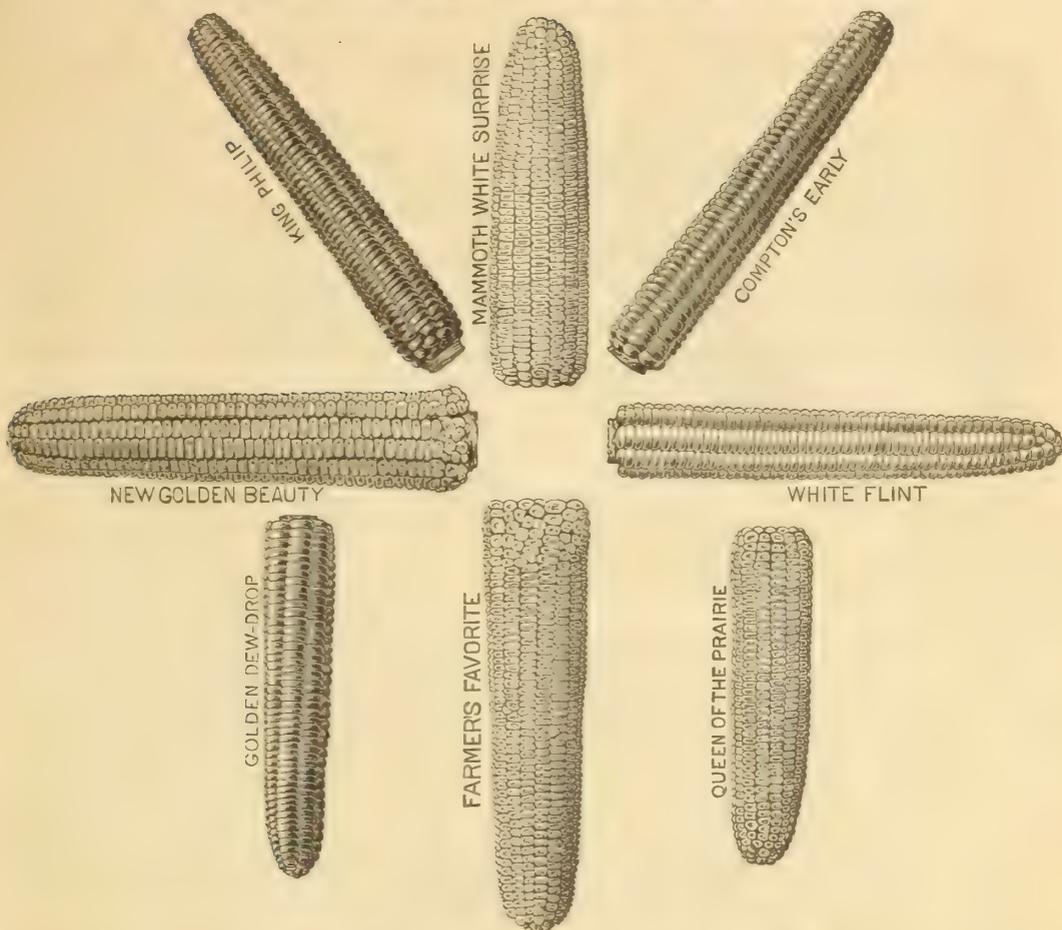
In nearly all cases the preparation of the lawn should be preliminary to the laying out of flower-beds, and especially so in the case of grounds having pretensions to what is called landscape gardening. The formation of the lawn is too often hastily and imperfectly done. It is the foundation of all subsequent operations, and if badly done at first the fault can never be remedied afterward. The first thing to be done is to get the ground shaped to the desired grade, taking care in grading that when hills or rocks are removed, sufficient subsoil is also removed to be replaced with top soil, so that at least five inches of good soil will overlay the whole in all places. When the grading is finished, if the nature of the ground requires it, drains should be laid wherever necessary; then the whole should be thoroughly plowed, a subsoil following in the wake of the common plow, until it is completely pulverized. A heavy harrow should then be applied until the surface is thoroughly fined down: all stones, roots, etc., should be removed so that a smooth surface may be obtained.

The lawn is now ready to be sown. When the seed is sown, a light harrow should be again applied, and after that a thorough rolling given, so that the surface is made as smooth and firm as possible. In the latitude of New York, the seed may be sown any time during the months of April and May, and will form a good lawn by August if the preparation has been good. If sown in the hot months of June or July, a sprinkling of oats should be sown at the same time so that the shade given by the oats will protect the young grass from the sun. Lawns are very often sown during the early fall months (September being the best) with excellent results. In our extensive experience we have found that the formula for seed for lawn grass which we call the “Central Park” Mixture is in all respects the best. For small plots, of course, digging, trenching, and raking must be done instead of plowing, subsoiling, and harrowing. In sloping banks it is often necessary to use sod, as the rains wash the soil off before the grass seed has time to germinate. It is sometimes even necessary in sodding very steep banks to use pins eight or ten inches in length to pin the sods in place, to prevent them from being washed down by excessive rains before the grass roots have had time to fasten in the soil.

As a guide for the proper quantity to order we may state that one quart of “Central Park Lawn Grass,” is sufficient to thoroughly sow an area of 20 feet by 15 feet—300 square feet, or to cover an acre, five bushels will be required. It should be borne in mind, that in order to produce the best results, grass seed for lawns should be sown at least twice as thickly as if sown for hay. Those desiring fuller instruction can obtain it by referring to the article “Formation and Renovation of Lawns,” in Peter Henderson's New Book, “Garden and Farm Topics.”

Price “Central Park” Lawn Grass, 25c. per quart, \$1.50 per peck, \$5.00 per bushel. (If by mail add 10c. to quart price.) Prices for larger quantities on application.

FARM SEEDS.



LEADING VARIETIES OF FIELD CORN.

Besides the very reasonable rates given below, our prices also include for Seeds named on this page, bags, and delivery to any express or freight depot, or vessel here in New York.

If by mail, postage must be added at the rate of 30 cts. per qt.

- Golden Beauty.** This new variety is one of the most beautiful we have ever seen. The ears are of perfect shape with from 10 to 16 straight rows of bright golden grains, of the largest size, and filled out to the extreme end of the cob. The cob is unusually small. Its richness of color and fine quality make it very superior for grinding into meal. The grains are not of the hard flinty type. Neither are they so soft as to be shriveled as in the Golden Dent. It is easily shelled and is in every respect seemingly a perfect type. A vigorous grower, attaining from 8 to 10 feet, and each stalk produces from 1 to 2 ears. Matures as early as most varieties of Golden Dent and surpasses all in size and appearance, and in productiveness. One hundred bushels of shelled corn per acre, under ordinary culture, was the product last season in Pennsylvania. Price, 15 cts. per package; 75 cts. per lb.; 3 lbs. for \$2.00, post-paid by mail. By express or freight, \$1.25 per peck; \$4.00 per bushel; \$8.00 per sack of 2 bushels (sacks included).
- King Philip.** Very early. Usually matures three months after planting. Ears 10 to 12 inches long. Kernel copper colored, smooth and of the flinty order. 15 cts. per qt.; 75 cts. per peck; \$2.75 per bushel.
- Mammoth White Surprise.** A new sort with large ears and very small cob. The ears are from 12 to 14 inches long with from 14 to 28 rows of very large, deep grains. Very productive. Said to yield from 75 to 125 bushels of shelled corn per acre, according to soil and season. Specially adapted to sections from Pennsylvania, south. 15 cts. per quart; 80 cts. per peck; \$3.00 per bushel.
- Compton's Early.** Yellow variety, ears 10 to 12 inches long. Very early and prolific. Stalk 8 to 10 feet in height. Ears well filled. 15 cts. per quart; 75 cts. per peck; \$2.50 per bushel.
- White Flint.** Handsome ears, large and well filled. A first class sort. 15 cts. per quart; 75 cts. per peck; \$2.50 per bushel.
- Queen of the Prairie.** A yellow dent variety remarkable for its early maturity and large ears. Planted on the 4th of July in this latitude it is claimed that it has fully matured before frost. 15 cts. per quart; 75 cts. per peck; \$2.50 per bushel.
- Farmer's Favorite Golden Dent.** Ripens very early, and hence succeeds far north where many varieties will not mature. 15 cts. per quart; 75 cts. per peck; \$2.75 per bushel.
- Golden Dew Drop.** Ears about 9 inches long. Kernels glossy yellow. Eight-rowed and of a flinty character. Early and very productive. 15 cts. per quart; 75 cts. per peck; \$2.50 per bushel.
- Waushakum.** An eight-rowed yellow flint variety, ears about 9 inches long. Has exceeded 100 bushels shelled corn per acre. 15 cts. per quart; 75 cts. per peck; \$2.50 per bushel.
- Blunt's Prolific.** We offer a very fine stock of this well-known variety. 15 cts. per quart; 75 cts. per peck; \$2.50 per bushel.
- Chester County Mammoth.** One of the largest varieties of field corns in cultivation, yielding under good cultivation from 100 to 150 bushels shelled corn per acre. 15 cts. per quart; 75 cts. per peck; \$2.50 per bushel.
- Early Dutton.** A very early, handsome variety of excellent quality. 15 cts. per quart; 75 cts. per peck; \$2.50 per bushel.
- Early Yellow Canada.** A well-known early sort. 15 cts. per quart; 75 cts. per peck; \$2.50 per bushel.
- Large Yellow Flint.** Very productive and of good quality. 15 cts. per quart; 75 cts. per peck; \$2.50 per bushel.

ALFALFA OR LUCERNE.

Although this valuable forage plant may be grown in cold latitudes as well as in warm, as the plant is entirely hardy, yet its value is not so marked in cold climates where it finds its competitor in the Red Clover and the Grasses. But in light soils anywhere, particularly in southern latitudes, its deep rooting properties make it comparatively independent of moisture. Hence it is the forage plant par excellence for the Southern States, and when it is considered that immense sums are paid annually by the Southern to the Northern States, not only for hay itself but for freight too, the wonder is how long they will continue to do so with a material at hand to produce a better article at probably one-fourth the cost. We this season call special attention to Alfalfa for the reason that in a visit to Florida last year we were deeply impressed with its great value in sections where it had been grown. These impressions have taken shape in a special article on this plant which will be found in our new book, "Garden and Farm Topics." Price of seed, 35 cts. per lb.

NEW MEDITERRANEAN HYBRID WINTER WHEAT.

This variety originated by fertilizing the Red Mediterranean with the pollen of the Deihl. The claim is made for it that it has proved to be unusually hardy and very prolific, and has been pronounced to be superior for flour. It has the beard and blue straw of the Mediterranean, and the compact heads, stiff straw and plump berry of the Deihl. It stools so as to stand at least one-third thicker in the ground than the Fultz, Clawson or Mediterranean. 40 cts. per qt.; \$2.75 per peck; \$10.00 per bushel.

RURAL BRANCHING DOURA.

A wonderfully productive fodder plant that has been thoroughly tried and is seemingly superior to all others for soiling, silos, or dry fodder. It is described as throwing from 6 to 16 stalks from one seed. It is much sweeter than corn stalks, and cattle, horses, and hogs will eat it ravenously. It stands firm against the highest wind, roots deep, and will endure without injury a drouth that sometimes ruins corn. It is believed to be superior to corn for ensilage, because it is much sweeter and has much less water in its composition. It stands a new growth readily after being cut for fodder, and in this way produces three crops in a season. One of our best agricultural authorities, Mr. Henry Stewart, says that it yields at first cutting at the rate of 68 tons per acre. It is usually planted in 4 foot rows, 3 feet apart in the rows, two plants to the hill. Culture same as for corn. Price, 35 cts. per lb.

If by mail add 16 cts. for postage. Four lbs. required to plant an acre.

RUSSIAN WHITE OATS.

This variety is said to yield about twice as much as Probestier Oats, a single grain giving 16 stalks in many instances. The straw is of extra quality, strong and bright, and where other Oats have rusted the Russian White was free from it. They are equally as well adapted for general culture as any other sorts, and from all accounts there is little doubt that the average yield is much more per acre than any other variety.

By express or freight, 60 cts. per half bushel; \$1.00 per bushel. Bags extra, 1 bushel 20 cts. each.

RYE.

Winter Rye \$1.25 per bushel
Spring Rye \$1.75 " "

SPRING BARLEY.

Two-Rowed \$1.75 per bushel
Four-Rowed \$2.50 " "

WHITE RUSSIAN SPRING WHEAT.

This variety is not exactly a white, but is a light colored variety of red wheat, and is an enormous cropper. It has long, straight, strong yellow straw, and bears long and large white chaff heads, well filled with plump kernels, often weighing from 60 to 62 lbs. to the measured bushel. Under varying conditions it yields from 30 to 50 bushels from one bushel of seed.

3 lbs. by mail for \$1.00. By express or freight, 80 cts. per peck; \$3 00 per bushel.

WINTER WHEAT.

Fultz. A first-class milling Wheat. Bush., \$3.00.
Seneca, or Clawson. This is a smooth, white Wheat, with red chaff, early and hardy, has a stiff straw, and yields large crops on every variety of wheat soil. Bush., \$2.75.

EARLY AMBER SUGAR CANE.

A variety of Sugar Cane, which has been largely tested in many parts of the country, with very general success. Its distinctive features are said to be its earliness and great yield of both sugar and syrup. Culture the same as for corn. Qt., 30 cts.; bush., \$6.00. If by mail, add 25 cts. per qt. for postage.

EARLY ORANGE SUGAR CANE.

This is a strong grower, yielding about 25 per cent. more cane and is also much more juicy than any other variety. The stalk is much heavier, not quite so tall, and it is a little later than the Amber. It does not succeed well north of latitude 43 degrees. 30 cts. per qt.; \$6.00 per bush. If to be sent by mail, add 25 cts. per quart for postage.

OATS.

Probestier. A leading variety. It is very productive and heavy, and straw very strong. Bush., 32 lbs., \$1.25.

BUCKWHEAT.

Silver Hull. This variety, sown at the same time as the common Buckwheat, continues in bloom longer, matures a few days sooner, and yields nearly double, under the same conditions. The flour is whiter and more nutritious. Price, per bush., \$2.25; 4 lbs. by mail, \$1.00.

Buckwheat, Common Variety. Bush., \$1.50.

SUNDRY SEEDS.

If by mail, postage must be added at the rate of 16 cts. per lb. or 25 cts. per qt. Per bush.

Broom Corn, medium	<i>Holcus Saccharatus</i>	per qt., 20c.	\$4.50
— Evergreen. Carefully saved from selected brush.....		per qt., 25c.	4.50
Chicory (for Coffee.)		per oz., 10c.	\$1.00.
Cotton, Sea Island		per lb., 30c.	
Flax Seed	<i>Linum Usitatissimum</i>	per qt., 25c.	4.00
Opium Poppy	<i>Papaver Somniferum</i>	per oz., 30c.	per lb., \$2.00.
Spring Vetches	<i>Vicia Sativa</i>	per qt., 20c.	4.00
Sunflower, Large Russian	<i>Helianthus Annuus</i>	per qt., 40c.	
Osage Orange	<i>Maclura Aurantiaca</i>	per lb., 50c.	8.50
Celery Seed, For Flavoring		per lb., 40c.	
Honey Locust	<i>Gleditschia triacanthos</i>	per lb., 50c.	
Yellow Locust	<i>Robinia pseudacacia</i>	per lb., 70c.	

NOVELTIES AND SPECIALTIES IN FLOWER SEEDS FOR 1884.

AQUILEGIA SKINNERI, FL. PL.

New double-flowering hybrid of *A. Skinneri*, the flowers having partly double yellow and partly double white corollas, may be best described by comparing them to double Fuchsias, as they resemble the latter in form and beauty. They are as free-flowering as the single species. About 80 per cent. come true. 50

NEW TUBEROUS ROOTED BEGONIAS.

The sorts now offered are an immense improvement over the old sorts, and would scarcely be recognized by those who are only familiar with the earlier varieties. They are magnificent flowering plants in pots, and in Europe are extensively bedded out, flowering in the greatest profusion all summer. The individual florets will average from 2 to 3 inches in diameter, and in the collection we offer lovely shades of crimson, yellow, amber, purple, maroon and pure white are to be found in both the double and single classes. They should be sown in the greenhouse or parlor in February, afterward potted off, and if to be bedded out, should be planted in May. Take up after the frost has killed the foliage, and keep the bulbs in a warm, dry place. These will make strong flowering plants the next season.

Tuberous rooted Begonia, mixed, single 25
double 50
Mt. Blanc (Single white.) 25

HENDERSON'S SUPERB BALSAM.

This is the magnificent strain shown in our colored plate for 1883, which exactly portrays a few of the many grand types that our seed of SUPERB BALSAM will produce. This special strain we take unusual care with, and we have proved its superiority over the best Foreign and American Balsam that we could procure, in trials made last year. The individual flowers are of the largest size, (they are reduced one-third on the colored plate,) exceedingly double, and of great and varied beauty. The seed of Balsam should be sown in dwelling-house or greenhouse from January to April in an average temperature of 60 degrees, in shallow boxes of light rich soil. When the seedlings are large enough, transplant into similar boxes one inch apart, and remove them to the open ground in May or June. Sow also in the open ground as soon as the weather is suitable. In ordering, please designate by number, the type or types desired. We do not attempt to describe. We only give an idea of the different types.

- No. 1.—Pure satiny white, striped lilac and scarlet.
- No. 2.—Beautiful shade of rosy pink.
- No. 3.—Brilliant scarlet, dotted with ivory white spots.
- No. 4.—Deep fiery scarlet, very striking.
- No. 5.—Ground color white, striped and margined with red and purple.
- No. 6.—Very fine shade of lavender.
- No. 7.—Perfectly snowwhite and very beautiful.
- No. 8.—Ground color, purple, shaded with crimson and spotted with white.

Buyers' selection of any single packet (by number), 15 cts; or entire collection of eight types (one packet of each) for 1 00

CHRYSANTHEMUM SEGETUM GRANDIFLORUM.

A large flowering variety, with blooms of a bright sulphur-yellow color, measuring 2 to 2½ inches in diameter, invaluable for cut flowers, as it comes into bloom when other plants are scarce. The seed may be sown in autumn for early flowering, but must be kept in a cool place and have a good supply of air; when sown in spring it will succeed better in a cold frame, or can be put out of doors as soon as the weather will permit, and will flower freely till the end of July. 25

DOUBLE DAISY, "LONGFELLOW," (*Bellis Perennis* Fl. Pl.)

Under the name of "Prince of Wales" is known a fine large flowering double Daisy which gives no seed. This novelty on the contrary comes true from seed and resembles the sort above mentioned to a great degree by the large size and doubleness of its dark rose flowers. 50



CHRYSANTHEMUM—THE SULTAN. NEW SINGLE DAHLIA.

NEW ANNUAL CHRYSANTHEMUMS.

The three sorts described below are beautiful and distinct. *Per Pkt.*

Lord Beaconsfield. A very rich crimson maroon, edged and striped with gold, and having a golden rim surrounding the eye, which is of a rich brown color. 10

The Sultan. A rich crimson maroon, with gold-colored rim, about a quarter of an inch deep next the center. The flowers are of good substance and perfect in form. (*See cut.*) 10

W. E. Gladstone. A new and very distinct type, the whole of the flower being of rich crimson; exceedingly brilliant in appearance. These varieties will be found charming additions to the flower garden, or as pot plants for the conservatory. 10

Packet of each (separate) of the three varieties for 25

NEW SINGLE DAHLIAS.

Many of the varieties of these single Dahlias are exceedingly beautiful, and the seed we offer, saved from one of the best collections extant, may be expected to produce many distinct desirable sorts. (*See cut.*) 25

COCKSCOMB, GOLDEN BEAUTY.

One of the choicest Cockscombs is the sort known as "Glasgow Prize," which has combs of the richest shade of crimson. This new variety, which we call "Golden Beauty," is identical in every way, except the blooms are of a dazzling orange yellow. 15

CYCLAMEN PERSICUM GIGANTEUM ALBUM.

A new white variety of the Giganteum type, possessing great merit. The plant is of a compact habit, with strong flower-stems, and very fine foliage. It produces a great profusion of bloom of a pure white color and good substance. It will prove very effective along with the other varieties which have been introduced of this popular giant strain. 75

CYCLAMEN PERSICUM GIGANTEUM RUBRUM.

This magnificent Cyclamen is undoubtedly one of the most charming ever introduced. The flowers are equal in size and substance to the well-known strain of Giganteum, and are thrown up well above the foliage: the color is delicate rose, changing to a bright crimson at the base, producing an unrivalled tint. Awarded two First Class Certificates in England. 75

MIGNONETTE, "GOLDEN QUEEN."

This new variety was one of the grandest novelties in our grounds last season. It could be distinguished from all other Mignonettes as far as the bed could be seen, and was literally a mass of golden yellow. So desirable do we consider this variety that if we were restricted to one sort, we should grow this Mignonette in preference to all others. 15

MIGNONETTE, "MACHET."

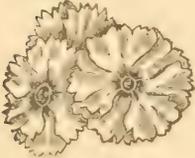
(*Reseda Odorata Grandiflora.*)

Per Pkt.

Of French origin and a most desirable novelty. The European introducers say that no sort that they have tried appears to be so well adapted for pot culture as this, particularly as it comes perfectly true from seed. The plants are dwarf and vigorous, of pyramidal growth, and furnished with very thick dark green leaves. They throw up numerous stout flower stalks terminated by long and broad spikes of deliciously scented red flowers. It is entirely distinct. 25

IRIS ROBINSONIANA, (The Wedding Flower of Lord Howe's Island.)

This gigantic species attains a height of 6 feet or more, with proportionately large sword-shaped leaves and large pure white flowers marked with golden yellow on outer petals. The flowers are about 4 inches in diameter and quickly fade, but as they are very numerous and quickly succeed each other, the plant retains its beauty for a long time, and is one of the most beautiful species ever offered. 25



PRIMULA GLOBOSA.



POPPY—DANEBROG.

NEW PRIMULAS.

(*Globosa Rubra* and *Globosa Alba.*)

We offer a red and white variety of an improved strain of Chinese Primrose known as the "Globosa;" the flowers are certainly much larger than other existing sorts, while the habit of the plant is dense and compact. Either variety. (See cut.) 75

PAPAVER "DANEBROG."

The flowers of this desirable new Poppy are described as being a brilliant scarlet, each of the four petals being stamped with an ivory white spot, forming a white cross on scarlet ground, somewhat resembling the Danish and Swiss National Banners. This new sort will form a striking and beautiful contrast with *Papaver Umbrosum*, the flowers of which are rich scarlet clearly marked with a black spot on each petal. (See cut.) 25

WILLIAMS' PRIMULA SINENSIS FIMBRIATA ALBA MAGNIFICA.

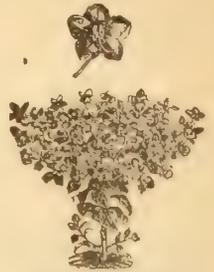
This new white Primula is of exquisite form and substance, and a great improvement on the old varieties; the habit of the plant is exceedingly compact, with deeply indented leaves of a light green color; the flowers measure 2 3/4 inches in diameter, are pure white, with a large bright yellow eye, each petal being deeply and beautifully fringed; they are borne in large trusses well above the foliage. 75

PRIMULA SINENSIS FIMBRIATA COCCINEA.

This incomparable addition to the family of Primulas cannot be too highly recommended, both for the beauty of its flowers and continuous bloom. The flowers are of the largest size, and are of a beautiful brilliant scarlet, with a clear sulphur eye, exquisitely fringed, and of great substance, and are produced in such abundance that they form a dense, compact mass, interspersed with the finely-cut foliage. The appearance of the plant when in full bloom is so grand that it may indeed be termed the perfection of Primulas. 75



ESCHSCHOLTZIA, ROSE CARDINAL.



EXACUM AFFINE.

NEW ESCHSCHOLTZIA, ROSE CARDINAL.

Per Pkt.

Quite a distinct novelty of great beauty, a hybrid from the Mandarin variety, which itself was a new and most desirable acquisition three years ago. The flowers of Rose Cardinal are of a rich rose colored hue, most effective and beautiful. (See cut.) 15

EXACUM AFFINE.

New biennial species forming small, dense bushes about 6 inches high and having dark green leaves and terminal clusters of violet purple, beautifully scented flowers with yellow anthers. Cultivated as a half-hardy annual when sown in the fall, it will produce flowers freely from February until November, and when sown in the spring will flower during the summer and continue in full bloom throughout the winter, and is in consequence a desirable addition to our winter flowering decorative plants. (See cut.) 50



GAILLARDIA LORENZIANA.



GODETIA—BIJOU.

NEW DOUBLE FLOWERING GAILLARDIA

DIA (Gaillardia Picta Lorenziana).

Our illustration above conveys a true idea of this remarkable novelty, probably the best and certainly the most distinct new thing offered last year. In a strict botanical sense, it is not double, but it is so entirely different from the old single Gaillardia, that the blooms would scarcely be recognized as belonging to the same species. The colors offered in mixture are sulphur and golden yellow, orange, claret and amaranth, and are produced quite as freely as any of the older sorts. (See cut.) 25

GODETIA, "Bijou."

The beautiful color of this new sort renders it distinct from all other varieties of the same genus. The flowers are snow white, with a bright pink spot at the base of each petal. The plant never exceeds 6 inches in height, and forms a dense bush a foot through, covered with a mass of bloom. It will be found most useful and beautiful for a variety of gardening purposes. (See cut.) 25

MARIGOLD, "PRINCE OF ORANGE,"

(*Calendula Officinalis fl. pl.*)

This is a seedling from the very fine Marigold, "Meteor," introduced a few years ago, which is now such a general favorite. It is a very marked improvement on the parent sort, the florets being striped with a more intense shade of orange, and this glowing tone is imparted to the whole flower. 25

IMPATIENS SULTANA.



IMPATIENS SULTANA.

A new perennial Balsam, most distinct and beautiful, and which, although specially suited for decorative purposes in the hot-house and green-house, has also proved to be most valuable for summer bedding. The plant is of compact growth, and almost a perpetual bloomer, thriving wonderfully well under different conditions. The flowers are of brilliant rose-scarlet, from 1 to 1½ inches in diameter, and are produced singly, or in two's or three's from the axils of the leaves, up towards the summit of the stems, and so completely, that a well grown specimen appears to be a perfect ball of flowers. For dinner table or parlor decoration it is unsurpassed, as the glistening rich hues are brought out most beautifully in both sunshine and gas-light.

Price, 50 cts. per pkt.

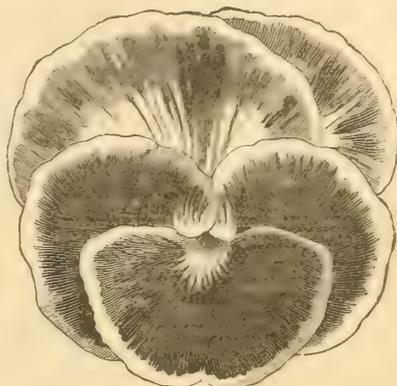
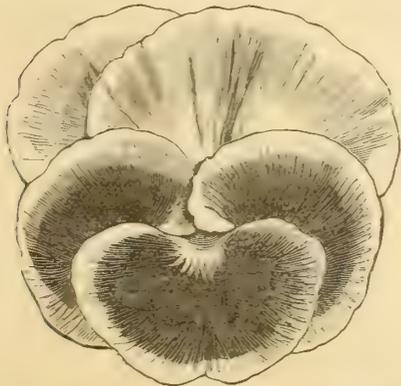
MIMULUS, NEW MUSK SCENTED.

Per Pkt.
This very attractive plant grows to the height of from 15 to 18 inches, and produces large yellow flowers, beautifully marked with dark crimson spots. The leaves have a very dark marking in the center. It emits a strong musk scent, and is very effective 25

PETUNIA, "DOUBLE LILLIPUT."

(Petunia Nana Compacta Multiflora fl. pl.)

Per pkt.
This is a double form of that quite recent species, Nana Compacta, and embraces in double flowers all the shades of color that characterized the single species..... 75



TYPES OF HENDERSON'S PREMIER PANSY.

This beautiful class is altogether distinct from our famous strain of "New Fancy" Pansy, which we have sold so largely for six years, and the demand for which continues unabated. The characteristics of this lovely section are flowers of perfect form, and largest size, with a diversity of markings and richness of color scarcely to be matched. The two flowers we illustrate are simply types of the assortment. To show the many and wonderful variety of markings they present would be an almost endless task. Many of the flowers are so marked as to resemble the finest types of Fancy Pelargoniums, and contain those with ground color light yellow, the lower petals blotched violet, the upper types carmine edged with white; others, deep yellow for ground color with dark center blotch of crimson maroon; and still others with the ground color deep blue, yellow center, surrounded by a dark blotch, &c., &c.

Henderson's Premier Pansy, mixed, per pkt., 50 cts.

DOUBLE STOCK FLOWERED TALL LARKSPUR. "Lustrous Carmine."

Per Pkt.
This is the name given to a very striking, new variety of Larkspur, the finest sort we think yet introduced. Its color is a fiery or lustrous carmine, and bedded out produces a most brilliant effect. 25



HYACINTHUS CANDICANS.



LAVATERA ARBOREA VARIEGATA.

HYACINTHUS CANDICANS.

A most striking and beautiful plant, supposed to be only half-hardy, but which has stood for the last two winters, in this vicinity, without injury with protection. It is a strong grower, and shoots upward a stem 4 to 5 feet high, upon which are regularly arranged drooping white flowers of exquisite fragrance and of the form shown in our illustration. A very pleasing effect is produced by planting this in the center of Gladiolus beds; such an arrangement in our grounds, last season, was greatly admired. (See cut.) 25

LAVATERA ARBOREA VARIEGATA.

A new variegated border plant of striking appearance, and which, it is claimed, comes perfectly true from seed. The dark-green leaves are irregularly marked with greenish gray and pure white, and which give the plant a distinct and striking appearance. Although the variegation is most pronounced, there is no indication of weakness, but, on the contrary, the plant grows strong and vigorous. The plants in the early stages do not show much variegation, but it is most marked and beautiful later on. (See cut.) 50

STATICE SUWOROWI

Per Pkt.

One of the finest and showiest of all annuals, bearing flower spikes of a very bright rose with a crimson shade, from ten to fifteen on each plant, measuring from .5 to 1 1/2 inches in length, and from 1/2 to 1 inch in breadth; the foliage lying flat on the ground, as shown in the illustration, is comparatively small and completely hidden by the numerous flower spikes. It remains in flower upward of 60 days, and if sown in succession from February to April may be had constantly in bloom throughout the summer and fall. (See cut.) 50



STATICE SUWOROWI.

NEW FRENCH

MARIGOLD,

"Gold Striped."

Our illustration conveys an excellent idea of what this new Marigold is like. It will be seen that it is novel and entirely distinct. The growth of the plant is dwarf and compact. (See cut.) 10



MARIGOLD—DWARF, GOLD STRIPED.

NEW GIANT PERFECTION TEN WEEKS STOCK.

The persistent efforts of German growers to improve this most important annual finds one of its best results in this splendid new race. The plants of the new Giant Perfection are pyramidal in shape, 2 1/2 feet high, and producing long spikes of double flowers, much larger and finer than the ordinary Ten Weeks Stock. Seed offered in mixed colors. 25

COLLECTIONS OF FLOWER SEEDS.

FREE BY MAIL ON RECEIPT OF PRICE.

HARDY ANNUALS.

- ONE HUNDRED DISTINCT VARIETIES. Our own selection. . . \$4 00
- FIFTY DISTINCT VARIETIES. Our own selection. 2 00
- TWENTY-FIVE DISTINCT VARIETIES. Our own selection. . . 1 00
- TWELVE DISTINCT VARIETIES. Our own selection. 50

BIENNIALS AND PERENNIALS.

- ONE HUNDRED DISTINCT VARIETIES. Our own selection. . 4 00
- FIFTY DISTINCT VARIETIES. Our own selection. 2 00
- TWENTY-FIVE DISTINCT VARIETIES. Our own selection. . . 1 00
- TWELVE DISTINCT VARIETIES. Our own selection. 50

ASTERS.

- TRUFFAUT'S PEONY-FLOWERED PERFECTION. In twelve separate, distinct colors. 1 00
- BETTERIDGE'S IMPROVED QUILLED. In twelve distinct colors. 75
- DWARF CHRYSANTHEMUM-FLOWERED. In six distinct colors VICTORIA. (Fine.) In twelve distinct colors. 1 25
- GOLIATH. (New.) In six distinct colors. 75
- DWARF PYRAMIDAL. In six separate, distinct colors. . . 75
- CROWN. In six separate, distinct colors. 75

BALSAMS.

- HENDERSON'S SUPERB. In eight colors, (shown on colored plate of 1883). 1 00
- DOUBLE DWARF, CAMELLIA-FLOWERED. In six colors. . . 75
- ROSE-FLOWERED. In twelve colors. 1 00

GERMAN STOCKS.

- DWARF GERMAN TEN-WEEKS. In twelve colors. 1 00
- GERMAN TEN-WEEKS. In six colors. 75
- BROMPTON, or WINTER-FLOWERING. In twelve colors. . . 1 00

VARIOUS COLLECTIONS.

- CANNA. Six distinct varieties. 50
- CARNATIONS. Twelve beautiful varieties. 1 50
- CLIMBING PLANTS. Twelve selected varieties. 1 00
- DIANTHUS. Twelve finest varieties. 75
- FRAGRANT FLOWERS. Collection of ten species. 50
- HELICHRYSUM. (Everlasting Flowers.) Ten varieties. . . 75
- HOLLYHOCK. (Chater's.) Twelve choice varieties. . . 1 25
- ORNAMENTAL GOURDS. Twelve distinct species. 75
- ORNAMENTAL GRASSES. Twenty-four varieties. 1 50
- ORNAMENTAL-LEAVED PLANTS. Twelve species. 1 00
- PANSY. Twelve distinct and beautiful varieties of New Fancy. 1 50
- PETUNIA. New large-flowering, single. Six varieties. . . 4 00
- New large-flowering, double. Three varieties. . . 2 50
- PHLOX DRUMMONDII. Twelve beautiful varieties. 75
- New large-flowering. Six varieties. 1 00
- PORTULACA. DOUBLE. Six distinct varieties. 1 00
- ROCKERIES OR EDGINGS. Collections of eight species. . . 50
- SWEET PEAS. Six distinct colors. 25
- WALLFLOWER, DOUBLE. Six finest varieties. 75
- ZINNIA ELEGANS. Finest Double. Six varieties. 75

For Novelties in Flower Seeds, please see pages immediately preceding this General List.

GENERAL LIST

OF

FLOWER SEEDS.

ANNUALS grow, bloom, and die the first year from Seed.

BIENNIALS bloom the second year from Seed, and then die; though many, if sown early in the Spring, will flower the first year.

PERENNIALS usually bloom the second year from Seed, and continue to grow and bloom for many years. Some will also bloom the first year if sown early.

We offer the following inducements to those who wish to purchase packets in quantity; the low rates apply only to Seeds by the packet, and Seeds ordered in this way will be forwarded by Mail to any address in the United States or Canada.

Purchasers remitting \$1.00 may select Flower Seeds in packets, to value of.....	\$1.15
“ “ 2.00 “ “ “ “ “ “	2.30
“ “ 3.00 “ “ “ “ “ “	3.50
“ “ 4.00 “ “ “ “ “ “	4.75
“ “ 5.00 “ “ “ “ “ “	6.00
“ “ 10.00 “ “ “ “ “ “	13.00

} also a copy of the New Book,
} "Garden and Farm Topics."
} and choice of any one of our
} four Books, costing \$1.50 each.

ALL FLOWER SEEDS SENT FREE BY MAIL ON RECEIPT OF PRICE.

ABOBRA.

Per Pkt.

Abobra Viridiflora. A rapid-growing, beautiful climbing gourd. It produces freely dazzling scarlet fruits, which form a striking contrast against the dark glossy green of the foliage. Culture same as Abutilon. 10 feet. *Half-hardy Perennial.* (See cut.).....10

ABRONIA.

Verbena-like plants, not only in their creeping style of growth, but also in the appearance of the flowers: here, too, we find a color—yellow—never to be found in the Verbena. All the varieties are deliciously fragrant, especially toward evening. For early flowering, sow in sitting-room, hot-bed or green-house from January to April, in an average temperature of 60 degrees, in light rich soil, in shallow boxes. When the seedlings are fit to handle, transplant into similar boxes, one inch apart, and plant in the open ground in May or June. Press the seed into the soil with a smooth board, and cover lightly. *Half-hardy Annuals.*

Abronia Arenaria. Waxy yellow. ½ ft.10
— **Umbellata.** Rosy lilac, ½ ft.10

ABUTILON.

(Chinese Bell Flower, Flowering Maple.)

Flower freely during the spring and winter months in the house, and during summer when bedded out; the flowers are bell-shaped, and in the varieties are to be found crimson grounds, streaked with yellow; yellow grounds, veined red; pure white and clear yellow. Sow in dwelling-house, hot-bed or green-house, in spring, in shallow boxes, in a temperature of 60 degrees. Transplant into similar boxes or into small pots when the seedlings are fit to handle. Plant out in May, or for later flowering sow in the open ground in May. For winter or spring flowering, sow in August or September. *Perennials.*

Abutilon. Fine mixed, of above shades, 2 to 6 ft. (See cut).....25
— **Darwinii.** A fine novelty, of several years ago. Flowers parachute-shaped, 2 inches in diameter; color deep orange, tinted crimson, 2 ft.25

ACACIA.

Per Pkt.

Very desirable plants for green-house or conservatory culture, but in this country of no special value for open air planting. The flowers, small and globular, are formed in thick clusters on long spikes. Soak the seeds in warm water for several hours before sowing. *Green-house Shrubs.*

Acacia. Fine mixed varieties, 3 to 6 ft.25

ACONITUM.

(Monkshood, Wolfsbane.)

Showy hardy perennials, growing well under trees, shrub-beries, or other shaded situations. Same culture as *Anchusa.*

Aconitum Napellus. Blue and white, 2 ft. (See cut.) 5

ACROCLINIUM.

This beautiful everlasting flower somewhat resembles the *Rhodanthe*, but the flower heads are of larger size. It is largely used for winter bouquets, for which purpose the flowers should be cut before they are fully expanded. Same cultural instructions as for *Aster.* *Half-hardy Annuals.*

Acroclinium Album. Pure white, 1 ft.5

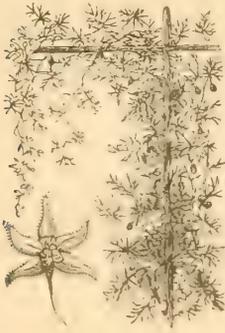
— **Roseum.** Bright rose, 1 ft.5
— **fl. pl.** A new double form of this class known as Everlasting Flowers, now so extensively grown for winter bouquets. The flowers are not only perfectly double, but are somewhat larger than the old single kinds, and of a bright pink or rose color.15

ADLUMIA.

(Mountain Fringe, Allegheny Vine.)

An attractive climbing plant with pale green foliage, bearing small flesh-colored blossoms. Sow the same as detailed for *Antirrhinum.* *Hardy Annuals.*

Adlumia Cirrhosa. Flesh white, 15 ft.10



ABOBRA.
See page 53.



ABUTILON.
See page 53.



ACONITUM.
See page 53.



AQUILEGIA CERULEA
HYBRIDA.
See page 56.



AMARANTHUS CAUDATUS.
See page 55.



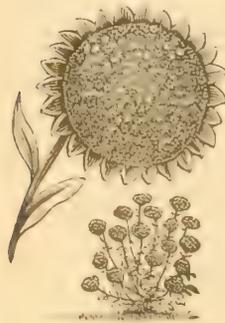
AMARANTHUS HENDERI.
See page 55.



AMARANTHUS SALICIFOLIUS.
See page 55.



AMARANTHUS TRICOLOR.
See page 55.



ASTER.
BETTERIDGE'S QUILLED.
See page 56.



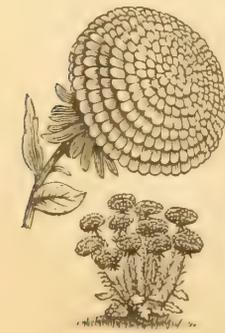
ASTER DWARF
CHRYSANTHEMUM FLOWERED.
See page 56.



ASTER. CROWN.
See page 56.



ASTER. PEONY FLOWERED.
PERFECTION.
See page 56.



ASTER. VICTORIA.
See page 56.



ASTER.
HEDGEHOG OR NEEDLE.
See page 56.



ASTER. ROSE FLOWERED.
See page 56.



ASTER DWARF.
PYRAMIDAL BOUQUET.
See page 56.

AGERATUM.

Per Pkt.

Whether grown for summer flowers or used for winter blooming, this indispensable plant keeps up an almost constant succession of bloom, from early summer until the ensuing early spring. It has the further merit of being of the easiest culture. Same culture as *Antirrhinum*. *Half-hardy Annuals.*

- Ageratum Mexicanum.** Lavender blue, 2 ft. 5
- **Nanum.** Dwarf, blue variety, 15 in. 5
- **New Dwarf, Tom Thumb.** The lowest growing Ageratum, rarely exceeding six inches in height 10
- **Album.** White, 15 in. 5
- **Nanum.** Dwarf, white, 8 in. 5
- **Lasseauxii.** Rose-colored, 15 in. 5

ADONIS.

This genus embraces several popular border flowers, of which we offer only the annual varieties. They are quite showy, remaining a long time in bloom. Same cultural instructions as for *Aster*. *Hardy Annuals.*

- Adonis Estivalis.** (Flos Adonis.) Scarlet, 1 ft. 5
- **Autumnalis.** (Pheasant's Eye.) Crimson, 1 ft. 5

AGROSTEMMA.

(Crown of the Field.)

rdy herbaceous plants, free-flowering and attractive. Treatment same as given for *Antirrhinum*.

- Agrostemma Cœli Alba.** Pure white, 1 ft. 5
- **Rosea.** (Rose of Heaven.) Rose, 1 ft. 5
- **Coronaria.** (Rose Campion.) Rose, 2 ft. 5

ALONSOA.

(Mask Flower.)

Flowering all summer, this pretty annual makes one of the most desirable bedding plants that can be grown. Same cultural instructions as for *Aster* will apply. *Half-hardy Annuals.*

- Alonsoa Grandiflora.** Bright scarlet, 1½ ft. 5
- **Linifolia.** Flowers beautiful scarlet, 1½ ft. 10

ALYSSUM.

Seedsman, perhaps, sell more seed of Sweet Alyssum than of any other annual grown. Whether used for summer blooming or for flowering in fall and winter in the parlor or green-house, its easy culture, and the delicate honey-like fragrance of its flowers so much prized in bouquets and baskets, render it most unlikely that this old favorite will be ever cast aside. Sow in sitting-room, hot-bed or green-house, from February 1st to April 1st, and plant out in May for early and continuous bloom.

- Alyssum, Sweet.** Flowers white, 1 ft. *Hardy Annual.* 5
- **Saxatile Compacta.** (Rock or Golden Alyssum.) Showy yellow, ¾ ft. *Hardy Perennial.* 5
- **Wiersbeckii.** White and yellow, 1 ft. *Hardy Perennial.* 5

AMARANTHUS,

Plants grown exclusively for their foliage, and in late summer and early fall, when they have reached their fullest development, the glowing effect produced by their mass of rich foliage is scarcely equaled by any similar class of plants. They are useless, however, as pot plants, being only intended for bedding-out purposes, for which, as we have just said, they are unsurpassed. Being tender annuals, they should never, in this latitude, be planted out before Mar 15th, and should be treated exactly like *Coleus*. *Half-hardy Annuals.*

- Amaranthus Atropurpureus.** Blood red foliage, drooping flower spikes; 2 ft. 5
- **Bicolor Ruber.** Foliage green and dark red, tipped with yellow; 2 to 3 ft. 5
- **Caudatus.** (Love-lies-Bleeding.) (See cut.) 5
- **Hendri.** One of our newer varieties, presenting in its beautiful leaf-marking a range of color not often seen; 2 ft. (See cut.) 10
- **Melancholicus Ruber.** Foliage blood red; 2 ft. 5
- **Monstrosus** (Giant Prince's Feather.) 5
- **Salicifolius.** (Fountain Plant.) This magnificent variety attains a height of from four to six feet, with gracefully drooping willow-shaped leaves. In the later stages of growth the leaves are brilliantly banded and tipped with orange, carmine and bronze. (See cut.) 10
- **Tricolor** (Joseph's Coat.) Leaves red, yellow and green; 3 ft. (See cut.) 5
- **Tricolor Giganteus.** A taller-growing variety of the above 5

AMMOBIUM.

(Winged Ammobium.)

Per Pkt.

A leading everlasting flower. The leading species are named below; bears white flowers, and should be grown same as *Aster*. *Hardy Annual.*

- Ammobium Alatum.** Flower an inch in diameter, 2 ft. 5
- **Grandiflorum.** The flowers of this new sort are pure white, and double the size of the preceding, so largely used as a dried or everlasting flower in winter bouquets, etc. The seeds of this new sort are much larger than the old species, which would go to show that it is distinct 15

AMPELOPSIS.

A. Veitchii. A slender growing variety of the Virginia Creeper; the young growth during summer is a dark purplish green, changing in fall to the brightest tints of scarlet, crimson and orange. It clings to stone work, trees, etc., and is a splendid plant for covering unsightly objects; it attains a height of fifty feet. Every year adds to the popularity of this plant as a climber. This is the climbing plant so much used in covering the fronts of houses in Boston. *Perfectly hardy.* 15

ANAGALLIS.

(Pimpernelle.)

Similar in habit of growth to the *Aubrietia*, and it will be found equally as useful in rock work or borders, where low-growing plants are mostly used. *Half-hardy Annuals.*

- Anagallis Sanguinea.** Ruby red, ½ ft. 10
- **Grandiflora Cœrulea.** Large sky-blue flowers, ½ ft. 10

ANCHUSA.

(Italian Bugloss.)

One of the few plants that will do well in shaded situations, and will therefore be found valuable for city yards or other locations where the sun only strikes at certain times in the day. *Hardy Perennial.*

- Anchusa Italica.** Blue; 2 ft. 5

ANEMONE.

(Windflower.)

The best of this class that can be raised from seed is *A. Coronaria*, a very pleasing hardy perennial, flowering in early spring. Flowers are large, running through various shades of scarlet, purple, blue, white and striped, and quite often will be found varieties with an eye of a different hue from the rest of the flower. Sow from April to August, in light soil, covering the seed lightly and firming the soil well. Keep clear of weeds, and thin out the plants sufficiently early to allow them to fairly develop their growth. In October or April plant out where to bloom, or they may remain where sown.

- Anemone Coronaria.** Mixed colors, as above, 1ft. ... 10

ANTIRRHINUM MAJUS.

(Snap-Dragon.)

One of our favorite plants, of the easiest culture, and unsurpassed for summer and fall flowering. Of late years there is scarcely a limit to the numberless varieties produced. The strains we sell are particularly fine, and will fairly vie with the *Carnation* in the variety of their stripes and spots. Sow in sitting-room, hot-bed or green-house, from February 1st to April 1st, and plant out in May for early and continuous bloom. Or sow in open ground during the summer, if for flowering the next season. *Perennials.*

- Antirrhinum Majus Tom Thumb.** Dwarf growing; mixed, 1 ft. 5
- **Fine Mixed.** From our named collection, 2 to 3 ft. 5
- **Extra Choice.** Very finely striped and blotched; 2 to 3 ft. 10
- **Nanum Picturatum.** A new and distinct race, of great beauty and variety of color; 2 ft. 15

ANGELONIA.

Equally desirable as a pot-plant for the parlor or green-house in winter, or for outside planting in spring. It forms a plant 18 inches high, terminated by long spikes of cup-shaped fragrant flowers, in color bright scarlet

spotted with white. Although a perennial, it flowers the first season sown. *Per Pkt.*
Angelonia Grandiflora. Described above.....25
Atropurpurea. A distinct new variety bearing long spikes of fragrant brown violet flowers; 18 in.25

AQUILEGIA.

(Columbine.)

The peculiar formation of the flowers of this class so odd, and almost unlike anything else to be found in plant-life, renders them desirable on this account alone. They are exceedingly showy and rank among the best plants for early summer blooming. Same culture as Anemone.

- Hardy Perennials.*
Aquilegia Alba Flore Plena. Double white, 1½ ft. 10
Chrysantha. (Golden Spurred Columbine.) A strong-growing, beautiful variety, attaining a height of four feet. Flowers bright yellow, produced freely all summer.10
Californica Hybrida. Flowers large; the center petals are golden yellow, and form a marked contrast to the deep orange red of its sepals and spurs.25
Cœrulea Hybrida. Another fine sort introduced recently. The center petals are yellow, while the spurs and sepals are a beautiful porcelain blue. 2 ft. (*See cut.*)25
Durandii fl. pl. Double red and white, striped, 1½ ft.5
Glandulosa. Blue and white, 1½ ft.5
Skinnerii. Scarlet and yellow, 1½ ft.10
fl. pl. (*See Novelties.*)50
Mixed Double. All colors10
Single. All colors5

ARABIS.

(Rock Cress.)

One of the earliest blooming plants, and, therefore, well adapted for borders. It is also used for rock-work and kindred planting, for which it is well-suited. Culture identical with that of the Anemone. *Hardy Perennials.*

- Arabis Alpina.** White, ¾ ft.10

ARCTOTIS.

An interesting genus, natives of the Cape of Good Hope, of which the two most desirable species are described below. Sow the same as given for Abutilon or Lobelia. *Half-hardy Annuals.*

- Arctotis Breviscarpa.** Bears large orange-colored flowers with dark center, 1½ ft.5
Grandiflora. Silver-gray foliage. Flowers yellow, having orange crimson center; 1 ft.5

ARDISIA.

Ardisia Crenulata. A shrubby green-house plant, producing scarlet berries, which remain on the plant for a long time, giving it a very showy appearance. Treatment same as given for Humea.25

ARGEMONE.

(Prickly Poppy.)

Very showy plants, with large poppy-like flowers. Cultural directions for Aster will apply here. *Hardy Annuals.*

- Argemone Grandiflora.** White, very handsome, 2 ft. 5
Hunnemannii. Carmine and yellow, 2 ft.5
Mexicana. ("Infernal or Devil's Fig" of the Spaniards.) Yellow, 2 ft.5

ARISTOLOCHIA.

(Dutchman's Pipe.)

A quick-growing climber, attaining a height of 30 feet, with large heart-shaped foliage, and whose specific name, *Sipho*, was given on account of the singular formation of its flowers, which are curved like a siphon; it is, however, more widely known under its rather vulgar name of Dutchman's Pipe. Same culture as Humea. *Hardy Perennial.*

- A. Sipho**10

ARMERIA.

(Thrift, Sea-Pink.)

A very hardy plant; largely used for edging; plant compact and beautiful. Culture same as for Auricula. *Hardy Perennial.*

- A. Maritima.** Rosy pink, ¾ ft.10

ASPERULA.

(Wood Ruff.)

This hardy annual attains a height of 12 inches, bearing beautiful light blue flowers, sweet scented. *Per Pkt.*
Asperula Azurea Setosa. Blue, 1 ft.5

ASTERS, CHINA.

It seems scarcely necessary to speak of the merits of such a universally-grown plant as this is; yet there may be some who are not aware of the great strides that have been made in the last few years in improved strains, and of the distinct new races that have been originated. Conspicuous among these we may mention the Crown, Goliath and Victoria classes, which will be a pleasant surprise to those who may try this season for the first time grow them. For early flowering, sow in sitting-room, hot-bed or greenhouse from January to April, in an average temperature of 60 degrees, in light, rich soil, in shallow boxes. When the seedlings are fit to handle transplant into similar boxes 1 inch apart, and plant in the open ground in May or June. Press the seed into the soil with a smooth board, and cover lightly. *Half-hardy Annual.*

- Aster, China.** Fine mixed5
Reid's German Quilled. Flowers double; the petals have the appearance of quills or tubes; height from 1½ to 2 ft.; finest mixed colors.5
Betteridge's Quilled. An improved form of Quilled Aster which originated in England. The flowers are of fine form and brilliant colors, 2 ft. Finest mixed. (*See cut.*)10
Truffaut's Paony-Flowered. Very double, of fine form, round as a ball; produces few side flowers; 1½ ft. in height; many colors, mixed10
Paony-Flowered Perfection. Flowers large and double, the petals beautifully incurved; one of the best in every respect; twenty beautiful colors, mixed, 2 ft. (*See cut.*)25
Dark Blue15
Azure Blue15
Dark Crimson15
Bright Rose15
Pure White15

Dwarf Chrysanthemum-Flowered. A splendid variety of dwarf, compact habit, 9 inches in height, flowers large, and produced when other varieties are out of bloom. Mixed. (*See cut.*)10

- Fiery Scarlet**15
Snowstorm15
Dark Blue15
Azure Blue15
Rose and White15

Tall Chrysanthemum-Flowered. Taller in growth than the preceding. Very showy and distinct10

Dwarf Pyramidal Bouquet. Height from 12 to 15 inches; a very fine blooming variety; mixed colors (*See cut.*)10

Crown, or Cocardeau. A very handsome variety with large flowers, the centers of which are pure white surrounded with many bright colors, 2 ft. (*See cut.*)10

Goliath. The flowers of this class are of enormous dimensions, and of the most perfect form. It blooms profusely; the plant is of strong, robust habit. Beautiful colors, mixed, 2½ ft.15

Hedgehog, or Porcupine. The flowers of this variety are composed of long-quilled, curious-looking petals; height about 2 ft. Mixed colors. (*See cut.*)10

Rose-Flowered. The flowers are large and double, the outer petals finely recurved, and the inner ones incurved like a rose. 2½ ft. in height; extra choice mixed. (*See cut.*)15

Victoria. One of the finest Asters in cultivation; flowers very large, perfectly double; imbricated and globular; 20 inches in height; choice mixed colors. (*See cut.*)15

Victoria Snow White. A most beautiful variety of the preceding; flowers pure snowy white, very double and of globular shape.15

Washington. One of the finest and largest varieties in cultivation. Well grown flowers measure 5 inches in diameter. Mixed colors.15

COLLECTION OF ASTERS AS IMPORTED.

- Truffaut's Paony-Flowered Perfection.** In 12 separate distinct colors.1 00
Betteridge's Improved Quilled. In 12 distinct colors.75
Dwarf Chrysanthemum-Flowered. In six distinct colors75
Dwarf Pyramidal Bouquet. In six distinct colors.75
Crown or Cocardeau. In six colors.75
Victoria. In 12 distinct colors.1 25
Goliath. In six distinct colors.1 25

AUBRIETIA.

Per Pkt.

Quite an ornamental genus, of dwarf-growing character, and for this reason is a most appropriate plant for rock-work, or for planting in edgings. Culture same as given for Auricula. The best varieties are:

- Aubrietia Græca.** Lilac. $\frac{1}{2}$ ft. *Hardy Perennial*... 10
- Purpurea.** Purple, $\frac{1}{2}$ ft. *Hardy Perennial*..... 10

AURICULA.

Our seed of this grand perennial plant is from one of the best English collections. Flowers are of various shades, yellow, crimson, and maroon. Sow in January, February or March, in shallow boxes; scatter the seeds thinly and cover lightly. Transplant in similar boxes when the young plants have made three or four leaves. In April or May plant where they are to flower, which should be in partial shade. In cold sections they require glass protection in winter.

- Auricula.** Finest mixed, $\frac{1}{2}$ ft..... 25

AZALEA.

A splendid green-house plant, the varieties of which are now almost numberless, running through nearly every known shade of color. Sow in the spring in an average temperature of 55 degrees, in shallow boxes, in light soil, the surface of which must be made perfectly smooth. On this sow the seed, pressing it down with a smooth board into the soil, then lightly cover with fine moss, leaf mould, or dust from cocoanut fiber. When seedlings are fit to handle transplant into similar boxes.

- Azalea Indica.** Finest mixed..... 25

BALLOON VINE.

(Love in a Puff.)

The name of this genus, *Cardiospermum*, is derived from the Greek, and signifies heart seed, in allusion to the white heart-shaped scars on the seed. It is a climbing plant, useful alike for inside or outdoor decoration. Aster culture will here apply. *Half hardy Annual.*

- Cardiospermum Halicacabum.** White, 5 ft..... 5

BALSAM.

(Lady's Slipper, Touch-me-Not.)

Besides the grand strain of Balsam displayed in our colored plate, our customers will be very much pleased with the other strains here offered. We take special care in the selection, and our Balsams, as we have them now, cannot be surpassed either in doubleness or in the great variety of colors which they present. In order to have the best quality of Double Balsams, they must be transplanted from seed bed; if left where sown they will only be semi-double.

Balsam, Henderson's Superb. (See colored plate in Catalogue of 1883.) 15c. per pkt., or collection of eight distinct kinds, one pkt. of each, for..... 1 00

- Double Camellia-Flowered.** Finest mixed 2 ft..... 10
- Double Mauve**..... 10
- Double Pink**..... 10
- Double White**..... 10
- Double Scarlet**..... 10
- Double Crimson Spotted**..... 10
- Double Flesh-Colored**..... 10
- Double Scarlet Mottled**..... 10
- Double Crimson Mottled**..... 10
- Double White Perfection.** Flowers snow-white, round as a silver dollar, of immense size and solidity, and the most thoroughly double of any double Balsam we ever saw..... 25
- Double Solferino.** A most beautiful variety, striped and streaked with lilac and scarlet, on a satin white ground..... 15
- Double Extra Choice Mixed**..... 15

COLLECTIONS OF BALSAMS AS IMPORTED.

- Double Dwarf, Camellia-Flowered.** In 6 colors..... 75
- Rose-Flowered.** In 12 colors..... 1 00

BAPTISIA.

(False Indigo.)

A beautiful herbaceous plant, flowers bright blue, pea-shaped, borne on spikes 6 inches long. *Hardy Perennial.*

- Baptisia Australis.** Blue..... 10

BARTONIA.

Plants of a succulent character, with large golden flowers, expanding only in the middle of the day. When in perfection this is a fine plant, and, although its habit and foliage are less attractive than some other annuals, in size and brilliancy of blossoms it is inferior to none. Culture same as Aster. *Hardy Annual.*

- Bartonia Aurea.** Golden yellow, 2 feet..... 5
- Nana.** A dwarf variety of above, growing but 9 inches high..... 10

BEGONIA.

In the green-house or parlor in winter, the graceful pendulous flowers of this beautiful class render them most desirable, but with added beauty in their glossy waxen foliage they are simply superb. They are equally adapted, too, for summer planting. Sow in a temperature of 50 or 60 degrees, from January to April, in shallow boxes, in light soil, merely pressing the seed into it and covering it with light leaf mould, or sifted moss. Transplant into similar boxes as soon as the tiny plants can be handled, and when strong enough put outside in May. For winter and spring blooming sow from August to September.

- Begonia Rubra.** A splendid winterflowering variety, bearing flowers of scarlet rose, glossy and wax-like; most beautiful and distinct..... 25
- Ne plus Ultra.** Flowers bell-shaped, of immense size, and of a light, dazzling scarlet..... 25
- Tuberous Rooted.** Single. (See Novelties.)..... 25
- Double.** (See Novelties.)..... 50
- Mt. Blanc.**..... 25

BELLIS.

(Double Daisy.)

An old favorite, and one of the most charming spring flowers. In bloom from April to June. Treatment same as for Auricula. *Half-hardy Perennials.*

- Bellis Perennis fl. pl.** Finest mixed, $\frac{1}{4}$ ft. (See cut.)... 15
- Alba fl. pl.** Pure white double daisy, coming true from seed..... 25
- Longfellow.** (See Novelties.)..... 50

BRACHYCOME.

Dwarf-growing plants, covered all summer with a profusion of Cineraria-like blooms. Should be grown same as Aster. *Half-hardy Annuals.*

- Brachycome Iberidifolia.** (Swan River Daisy.) Mixed blue and white, $\frac{1}{2}$ ft. (See cut.)..... 10

BRYONOPSIS.

A climbing annual of great beauty, bearing green fruits, which change in color as the season advances to bright scarlet striped with white. *Half-hardy Annual.*

- Bryonopsis Laciniosa Erythrocarpa.** 10 ft. .. 5

BROWALLIA.

It is only within a few years that the great value of the Browallia as a bedding plant has been shown. It is now considered indispensable in all massing and ribbon-line gardening; indeed, for all bedding purposes, it is used almost as freely as the Coleus. It is easily reproduced from seed, and requires no special cultivation. Directions named for Abutilon will here apply. *Half-hardy Annuals.*

- Browallia Elata Cœrulea.** Blue, $1\frac{1}{2}$ ft..... 5
- Alba.** White, $1\frac{1}{2}$ ft..... 5
- Boezlii.** Mixed colors, blue and white; flowers double the size of the preceding sorts. A great acquisition..... 15

CACALIA.

(Tassel Flower.)

A popular annual, free-flowering and hardy. Flowers tassel-shaped, yellow and scarlet. Treat same as Aster.

- Cacalia.** Mixed colors, $1\frac{1}{2}$ ft..... 5

CALAMPELIS, (Eccremocarpus.)

A quick growing climber, attaining a height of 10 feet in a season, and bearing profusely clusters of orange-colored tube-like flowers. Culture same as Aster.

- Calampelis Scaber**..... 10

CALANDRINIA.

Creeping plants, well suited for planting in rock-work or similar situations, where they bloom freely. Culture same as Aster. *Hardy Annuals.*

- Calandrinia Grandiflora.** Rosy pink, 1 ft..... 5
- Umbellata.** Violet crimson, $\frac{1}{2}$ ft..... 5

CALENDULA.

Hardy annuals, free blooming and attractive, and growing well in almost all situations.

- Calendula Pluvialis.** (Cape Marigold.) Large, pure white, 1 ft..... 5
- Pongei fl. pl.** (Pot Marigold.) Double white..... 5
- Officialis "Meteor."** A new variety, very fine for pot culture, bearing large light yellow flowers, striped with bright orange (See cut.)..... 15
- Ranunculoides fl. pl.** (Garden Marigold.) Double orange, 1 ft..... 10



BELLIS PERENNIS, FL. PL.
See page 57.



BRACHYCOME
See page 57.



CALLIOPSIS.
See page 59.



CALCEOLARIA.
See page 59.



CAMPANULA CARPATICA.
See page 59.



CAMPANULA MEDIA, FL. PL.
See page 59.



CAMPANULA CALYCANTHEA.
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CAMPANULA SPECULUM, FL. PL.
See page 59.



CALENDULA, METEOR.
See page 57.



CANDYTUFT, CARMINE.
See page 59.



CANARY BIRD VINE.
See page 59.



CANNA.
See page 59.



CARNATION, HARDY BORDER.
See page 63.



CARNATION, GRENADIN.
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CARNATION, PERPETUAL.
See page 63.



CARNATION, BIZARRE.
See page 63.

CALCEOLARIA.

Per Pkt.

One of the grandest plants in existence. Their dense mass of beautiful pocket-like flowers are formed in spring. Sow in a temperature of 50 or 60 degrees from January to April, in shallow boxes, in light soil, merely pressing the seed into it and covering with light leaf mould or sifted moss. Transplant into similar boxes as soon as the tiny plants can be handled, and when strong enough into pots. For winter and spring blooming sow from August to September.

- Calceolaria Hybrida Superba.** From the finest formed and most beautifully marked varieties, 1½ ft. (See cut.)..... 5
- **Hybrida.** This assortment is mostly made up of self colors. Mixed..... 25
- **New Dwarf.** A beautiful dwarf variety; can be grown without stakes, and is literally loaded with flowers..... 50
- **Shrubby, (Rugosa).** Splendid variety for bedding; finest mixed, 2 ft..... 50

CALLIOPSIS, OR COREOPSIS.

This interesting genus is a native of this country, and ranks among the best annuals. The flowers on the outer edge are yellow, having a dark purple centre. Treat same as Aster. *Hardy Annuals.*

- Calliopsis.** Mixed, 2 ft. (See cut.)..... 5
- **Atrosanguineum.** Dark crimson..... 5
- **Drumondii.** Yellow..... 5
- **Tinctoria.** (Bicolor.) Yellow and brown..... 5

CALLIRHOE.

While the plants are yet very small this begins to bloom profusely, continuing throughout the summer and fall. Treat same as Aster. *Hardy Annuals.*

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

CAMPANULA.

(Bell Flower.)

One of our favorite herbaceous perennial plants, usually sown in the fall, although if sown early in spring will flower the same season. Culture same as for Auricula.

- Campanula Carpatica.** Mauve. *Hardy Perennial*, 1 ft. See cut..... 5
- **Carpatica Alba.** Pure white. *Hardy Perennial*, 1 ft..... 5
- **Lorei.** Purple lilac. *Hardy Annual*, 1 ft..... 5
- **Lorei Alba.** White, tinged with silver gray. *Hardy Annual*, 1 ft..... 5
- **Media.** (Canterbury Bells.) Double blue..... 5
- Single blue..... 5
- Double white..... 5
- Single white..... 5
- Double mixed. (See cut.)..... 5
- Single mixed..... 5
- **Calycanthema Cœrulea.** Blue..... 10
- **Alba.** White..... 10
- **Rosea.** "Pink Canterbury Bell." The class *C. Media Calycanthema*, to which this variety belongs, is a new form of the old Canterbury Bells (distinguished by the Calyx forming a cup around the base of the bell or Corolla.) Of this form we already have a blue and white variety, now largely grown, and we are sure that this Pink Canterbury Bell, if it may be so called, being so much more beautiful, will come into even greater demand. (See cut.)..... 15
- **Pyramidalis.** Blue. *Hardy Perennial*, 3 ft..... 5
- **Pyramidalis Alba.** White. *Hardy Perennial*, 2 ft..... 5
- **Speculum.** (Venus' Looking-glass.) Blue, ½ ft..... 5
- White, ½ ft..... 5
- **flore pleno.** A double blue variety of the well-known Venus Looking-glass. The seeds will produce about 50 per cent. of double flowers. (See cut.)..... 10

CANARY BIRD FLOWER.

(Tropæolum Peregrinum.)

There is no more desirable climbing plant in cultivation than this. It is of rapid growth, and produces an abundance of yellow fringed flowers. Same cultural directions as for Aster. *Half-hardy Annual.*

- Canary Bird Flower.** Yellow, 10 ft. (See cut.)..... 10

CARNATION (See Dianthus.)

CASTOR-OIL BEANS (See Ricinus.)

CATCHFLY.

(Silene Armeria.)

Per Pkt.

- Free blooming hardy annuals of the easiest culture. Culture the same as for Asters.
- Catchfly, Red.** 1½ ft..... 5
 - **White.** 1½ ft..... 5
 - **Rose.** 1½ ft..... 5
 - **Mixed**..... 5

CANDYTUFT.

(Iberis.)

One of the most popular hardy annuals; almost equally so as Sweet Alyssum; like it, it is of the easiest culture, and grown for a variety of purposes almost all the year round. Same cultural directions as for Aster.

- Candytuft, Fragrant.** Pure white, pinnated foliage, 1 ft..... 5
- **Crimson.** Very beautiful, 1 ft..... 5
- **Lilac.** Dwarf, very compact, ¾ ft..... 5
- **Dark Purple**..... 5
- **Rocket.** Pure white, in large trusses, 1 ft..... 5
- **White.** Very delicate; 1 ft..... 5
- **New Carmine.** This variety produces a mass of vivid carmine blooms. (See cut.)..... 10
- **Fine Mixed.** 1 ft..... 5
- **Perennial.** (*I. Sempervirens*.) White, 1 ft..... 10

CEDRONELLA.

Long spikes of flowers, remaining a long time in bloom, with fragrant foliage, are the characteristics of this Hardy Perennial, which requires same treatment as given for Auricula

- Cedronella Cana.** Purple, 2 ft..... 10

CELOSIA.

Annual plants of tropical origin, and one of the most satisfactory and showy plants for garden decoration, some of the sorts bear in the greatest profusion spikes of beautiful feather-like blooms. In this class (*Celosia*) is included the well-known Cockscomb. Treat same as *Coleus*. *Half-hardy Annuals.*

- Celosia Pyramidalis Plumosa Aurea.** Golden yellow plumes, very fine, 3 ft..... 10
- **Plumosa Coccinea.** Rich carmine, 3 ft (See cut.)..... 10
- **Cristata Variegata.** (New variegated Cockscomb.) A new and strikingly beautiful variety, bearing brilliant combs of crimson and gold, 3 ft..... 10
- **Cristata.** (Cockscomb.) Dwarf, crimson, fine, 1 ft..... 5
- **Dwarf Yellow**..... 5
- **Dwarf Mixed.** (Cockscomb.) 1 ft..... 5
- **New Yellow, Golden Beauty.** (See description in Novelties.)..... 15
- **Glasgow Prize.** An improved Cockscomb, producing large blooms of dark crimson..... 15
- **Japonica** (New Japanese Cockscomb.) A new variety of great beauty. The branches are scarlet or crimson; the combs are almost as delicately cut as ruffled lace, often in pyramidal masses, while the colors are of the brightest imaginable. (See cut.)..... 10

CANNA.

(Indian Shot.)

With foliage of tropical luxuriance, this plant is particularly suitable for forming groups on lawns, or placed as backgrounds for dwarfier growing plants, for which purposes they are now largely used. Of late years this tribe have developed great beauty and variety of flowers, giving them added interest and value. The cultural instructions given for *Coleus* are well adapted for the *Canna*. *Half-hardy Perennials.*

- Canna Marechal Vaillant.** Splendid variety orange, 4 to 6 ft..... 10
- **Musæfolia Hybrida.** Red, foliage resembling a small banana, 2 ft..... 10
- **Nepalensis.** Clear yellow, 3 ft..... 10
- **Tricolor.** Bright scarlet, striped foliage, 2 ft..... 10
- **Warszewiczii.** Brilliant red, variegated foliage, 3 ft..... 10
- **Zebrina.** Scarlet, striped foliage, 4 ft..... 10
- **Finest Mixed.** (See cut.)..... 5

CASTILLEJA.

C. Indivisa. A magnificent plant, native of Texas, and whose attractiveness like the well-known *Poinsettia pulcherrima* is due less to the beauty of the flowers properly so called, than to the highly colored bracts or floral leaves accompanying them, and which are of a deep crimson scarlet. The plant itself attains a height of 1½ ft., and surmounted by its dense mass of scarlet bracts, is wondrously

beautiful. The seed should be sown from January to March, in the green-house or dwelling, in an average temperature of 60 degrees, plants afterwards potted off and planted out in the open ground in April or May. *Half-hardy Annual.* (See cut.)...25

CENTAUREA.
(Dusty Miller.)

All the varieties here named, except *C. Americana* and *C. Cyanus*, are among the best silver-foliaged plants in cultivation. Sow from December to April, in shallow boxes, in a temperature of 60 degrees. As soon as the young plants can be handled, transplant singly into small pots or shallow boxes where they may remain until the time of planting out in the open ground in May. *Half-hardy Perennials.*

- Centaurea Americana.** A strong-growing annual variety, flowers reddish purple, 1 ft. 5
- **Cyanus Minor.** (Corn flower.) One of the finest annuals grown for cut flowers; blooms all summer. We offer the following colors: white, sky blue, rose, dark blue and mixed. Either color. (See cut.)... 5
- **Candidissima.** Silvery-leaved, 1 ft. (See cut.)... 25
- **Clementi.** A new, robust, and free-growing variety, producing crowns of silvery leaves, deeply fringed and cut; 1 ft. (See cut.)... 25
- **Gymnocarpa.** A graceful silver-foliaged variety; the best for bedding purposes; 1½ ft. (See cut.)... 25

CENTRANTHUS.

Compact-growing plants, blooming freely. *Hardy Annuals.*

- Centranthus.** Mixed, red and white, 1½ ft. 5

CERASTIUM.

Silver-leaved plants, very suitable for edgings and rock-work. *Hardy Perennials.*

- Cerastium Biebersteinii.** Leaves silvery white, 1 ft. 10
- **Tomentosum.** Gray-colored leaves, 1 ft. 10

CERINTHE (Honeywort.)

The blossoms of these showy annuals secrete honey largely, which makes them much resorted to by bees. Sow as given for Asters.

- Cerinthe Aspera.** Golden yellow, 1 ft. 5
- **Gymnandra.** Yellow and brown, 1 ft. 5

CLARKIA.

An old favorite, the varieties of which are described below, and which should be treated the same as the Aster. *Hardy Annual.*

- Clarkia Rosea fl. pl.** Beautiful double variety, 1½ ft. 5
- **"Mrs. Langtry."** Snow-white, with a well defined disc or center of brilliant crimson. The flowers possess unusual substance, and are produced abundantly, while the habit of the plant is dwarf and close. (See cut.) 10
- **Integripetala.** Rosy crimson, large and handsome, 1½ ft. 5
- **Pulchella.** Deep rose, 1½ ft. (See cut.)... 5
- **Alba.** Pure white, very pretty, 1½ ft. 5
- **Finest Mixed Varieties.** 5

CHAMÆPEUCE.

These thistles are quite ornamental in some styles of outdoor gardening. Treatment same as for the Aster.

- Chamæpeuce Casabonæ.** (Fishbone Thistle.) Glossy dark green leaves, with white nerves and brown spines. *Half-hardy Perennial.* 1 ft. 10
- **Diacantha.** (Ivory Thistle.) Magnificent ornamental foliaged biennial, with long leaves thickly set with spines, 2 ft. 10

CHRYSANTHEMUM.

The great and growing demand for the annual varieties has brought Chrysanthemums into general favor; the leading sorts now grown for cut flowers at nearly all seasons are *Burridgeanum* and *Venustum*, exceedingly beautiful sorts, the colors having the appearance of being laid on with a brush, and for this reason they are frequently called "painted daisies." Cultural directions given for Asters will here apply.

- Chrysanthemum Burridgeanum.** Crimson, white center. (See cut.) *Hardy Annual.* 1 ft. 5
- **Venustum.** White, crimson center. *Hardy Annual* 1 ft. 5
- **Coronarum.** Double white. *Hardy Annual.* 2 ft. 5
- **Double yellow.** *Hardy Annual.* 2 ft. 5
- **Inodorum Plenisimum.** Dwarf growing, double white variety; very free flowering and beautiful for pot culture. (See cut.) 10

Per Pkt.
— **New Annual.** "Lord Beaconsfield," "The Sultan," and "W. E. Gladstone." Each 10c. per pkt, or set of three for 25

— **Mixed Annual Varieties.** 5

— **Frutescens Grandiflorum.** (the "Marguerite," or "Paris Daisy.") This is perhaps the most universally popular plant in France, where it is known as the "Marguerite." Immense quantities of the Paris Daisy are grown by French Florists, and find a ready sale. For the decoration of city houses and yards this plant is unrivaled, as it produces freely its large white star-like flowers under the most unfavorable conditions 25

— **Indicum.** (Large-flowering Chinese.) Extra fine double mixed. *Half-hardy Perennial.* 3 ft. 15

— **Nanum.** (Dwarf Pomponne.) Choice double mixed. *Half-hardy Perennial.* 1 ft. 15

— **Segetum Grandiflorum.** (See novelties.) 25

CINERARIA.

The class known as *C. Hybrida* is a very attractive green-house plant, and is justly much admired. The variety *C. Maritima*, also offered, is altogether different, having no beauty in its flowers, being cultivated for its silvery foliage, which alone makes it one of the finest plants for ribbon lines and masses that is grown. Sow in a temperature of 50 or 60 degrees, from January to April, in shallow boxes, in light soil, merely pressing the seed into it and covering with light leaf mould or sifted moss. Transplant into similar boxes as soon as the tiny plants can be handled, and when strong enough put outside in May. For winter and spring blooming sow from August to September.

Cineraria Hybrida. Extra choice mixed colors. From prize varieties, 2 ft. (See cut.) 50

— **New Dwarf.** Finest mixed, 1 ft. 25

— **Good.** Mixed 25

— **New Double Flowering.** The blooms of this novelty are perfectly double. They are representatives of all the modifications of colors usually found among the Cinerarias, namely, crimsons and magentas, purples, both dark and light, as well as flowers tipped with several tints of violet and magenta, 2 ft. 75

— **Maritima.** An ornamental foliaged plant, with large silvery leaves. (See cut.) 10

— **Acanthifolia.** White leaved, for ribbon lines. 10

CLEMATIS.

(Virgin's Bower.)

A well-known hardy climbing plant. Seeds should be sown in the fall or winter, in shallow boxes, in the usual way. They will generally lay dormant, even in the green-house, but germinate on the approach of spring. When an inch or two high transplant into boxes or small pots, preparatory to planting out in the open ground in May.

- Clematis Flammula.** White, fragrant, 15 ft. 10
- **Virginiana.** Green, 15 ft. 10

CLEOME.

Cleome Rosea. Half-hardy Annual, with rose colored flowers, 2 ft. 10

CLIANTHUS.

(Australian Glory Pea.)

Magnificent plants, which should be grown in light, rich soil. Sow the seeds in small pots, as the roots will not bear removal. It does best when planted in the border of the conservatory or green-house. It may also be sown in the open air, on a dry, warm, sunny border, in May, and should be kept rather dry.

Clianthus Dampieri. A magnificent shrub; flowers in clusters, drooping, pea-shaped, several inches in length, of a brilliant scarlet, with intense black spots in the center of each flower, 4 ft. (See cut.)... 25

— **"German Flag."** A new and beautiful form of *Clianthus Dampieri*, so named from the resemblance of the flower to the flag of the German nation. 50

COBÆA.

A fine summer climbing plant, quick-growing, and bearing large bell-shaped purple flowers. In sowing place the seed edgewise, and cover lightly. *Half-hardy Perennial.*

Cobæa Scandens. Purple, 30 ft. (See cut.) 10

COCCINEA.

A handsome climbing gourd, with glossy foliage and scarlet fruit. Treat same as *Humea*. *Half-hardy Perennial.*

Coccinea Indica. Scarlet, 10 ft. (See cut.) 10

COCKSCOMB (See Celosia Cristata.)

COLEUS.

Per Pkt.

We have this season saved seed from the very finest new Hybrid Coleus, which is certain to produce splendid varieties. The seed of Coleus germinates very easily, every seed coming up, if sown in a temperature averaging 70 degrees. To such as have warm rooms suitable, or a green-house, the seed may be sown at any time, and if sown by January, finely-colored plants will be got by May. To such as have not, the seeds can be sown in a hot-bed or cold frame in April or May, and when of sufficient size, grown in pots or planted out in the open ground. Seeds sown in April will produce plants 3 feet high and as wide by September. The Coleus is now the most popular "leaf plant" grown, in consequence of the wonderful diversity of coloring it assumes.

- Coleus, Choicest New American Hybrids.**
- Mixed (See cut.)..... 50
- Fine Mixed.**..... 35

COLLINSIA.

Very pretty plants, with purple, blue, and white flowers. Same treatment as Aster. *Hardy Annuals.*

- Collinsia.** Mixed, 1½ ft. 5

COLLOMIA.

Used for border beds; flowers buff colored, and should be grown like Asters. *Hardy Annuals.*

- Collomia Grandiflora.** 1 ft. 5

CONVOLVULUS.

All will recognize in this the most popular annual in cultivation, for in this tribe is included the well known Morning-glory. The *Minor* varieties are largely used, and well suited for bedding; they attain an average height of one foot. *Half-hardy Annuals.*

- Convolvulus Aureus Superbus.** Beautiful golden yellow, 6 ft. 15
- Major.** For the convenience of patrons who often desire this old favorite in special colors, we this season offer the following distinct kinds, white, dark blue, blood-red, striped, rose and mixed. Each 5
- Tricolor Roseus.** A charming novelty of last season. The center of its rose-colored flowers is pure white, fringed with purple, and shading away toward the throat in five broad bands of golden yellow. 15
- Minor Tricolor.** Violet, purple, and white, 1 ft. *Hardy Annual* 5
- Minor Unicaulis.** A new variety of upright growth, compact heads of rich purplish-blue flowers. *Hardy Annuals* 5
- Minor, Crimson Violet.** (See cut.) 10
- Mauritanicus.** Beautiful for hanging baskets and vases; flowers blue. *Hardy Perennial* 10

COSMANTHUS.

A neat little spreading plant, with pretty fringed flowers. Same culture as for Asters. *Hardy Annual.*

- Cosmanthus Fimbriatus.** Lilac and white, 1 ft. 5

COSMIDIUM.

A beautiful Coreopsis-like annual, with large and very showy flowers admirably adapted for groups or marginal lines. *Hardy Annual.*

- Cosmidium Burridgeanum.** Crimson, brown, and yellow, 2 ft. 5

COWSLIP.

In very early spring this is a useful plant for borders, but is of little beauty after warm weather sets in, *Hardy Perennial.*

- Cowslip.** Fine mixed English, ¾ ft. 5

CRUCIANELLA.

A very pretty free-flowering plant, useful for rock-work and vases. Sow in sitting-room, hot-bed or green-house, from February 1st to April 1st, and plant out in May for early and continuous bloom. Or sow in open ground during the summer if for flowering the next season. *Hardy Perennial.*

- Crucianella Stylosa.** Pink, from Persia, 1 ft. 5

CUPHEA.

Commonly called "Lady's Cigar Plant." The variety we offer, however, is a decided improvement on the old sort.

- Cuphea Roezlii Grandiflora Superba.** Grows 3½ feet high, and studded during winter with countless red blossoms 25

CYCLAMEN.

Per Pkt.

Valued green-house plants, the rich blooms of which are largely used by bouquet-makers to give variety to made-up baskets and bouquets. Their orchid-like blooms possess great beauty and fragrance. Sow in July or August in shallow boxes of sandy loam, leaf mould and sand. Place in a cold frame or sitting-room; keep moderately moist and transplant when strong enough into small pots. Keep near the glass during winter, and shift into larger pots in autumn for blooming the next spring. Keep the plants partially shaded throughout. *Half-hardy Perennial.*

- Cyclamen Persicum.** Mixed, ¼ ft. 25
- Extra Choice.** Mixed 50
- Persicum Giganteum.** A great improvement over the older sort; each flower measures from 2 to 2½ inches in length. Mixed. (See cut.) 75
- Album.** (See Novelties.)
- Rubrum.** (See Novelties.)

CUCUMIS.

Ornamental Cucumbers with curious fruit, remarkable for the luxuriance and rapidity of their growth. Culture same as for Asters. *Half-hardy Annuals,* 6 ft

- Cucumis Dipsaceus.** Sulphur yellow, very elegant. 5
- Flexuosus** (Snake Cucumber.) Fruit 3 feet long. 5
- Grossularia** (Gooseberry Gourd.) 5

CYCLANTHERA.

A climbing plant, bearing oval-shaped fruit, exploding loudly when ripe. *Half-hardy Annual.*

- Cyclanthera Explodens.** 10 ft. 10

CYPRESS VINE.

The most popular of annual climbing plants, with delicate fern-like foliage. For early flowering sow in sitting-room, hot-bed or green-house, from January to April, in an average temperature of 60 degrees, in light, rich soil, in shallow boxes. When the seedlings are fit to handle, transplant into similar boxes 1 inch apart, and plant in the open ground in May or June. Press the seed into the soil with a smooth board, and cover lightly. *Half-hardy Annuals.*

- Cypress Vine.** Scarlet, 15 ft. 5
- White, 15 ft. 5
- Rose, 15 ft. 5
- New Ivy-Leaved.** A rapid-growing climber; a variety of the scarlet Cypress Vine, with ivy-shaped leaves and slender stems of a violet hue. Flowers striking scarlet, produced in great profusion. (See cut.) 10
- Cypress Vine we never offer in mixed colors.*

DAHLIA.

Saved from our magnificent collection of nearly 150 sorts, comprising almost every known shade of color. Culture same as for Cyclamen. *Half-hardy Perennials,* 4 to 6 ft.

- Dahlia.** Double. Fine mixed 10
- Extra Fine.** Double. (From our own collection.) (See cut.) 25
- New Single.** (See novelties.) 25

DATURA.

(Trumpet Flower, Angel's Trumpet.)

Hardy Annual with double purple and white flowers; attaining a height of 3 ft. Culture same as for Cyclamen.

- Datura Fastuosa Huberiana.** 10

DELPHINIUM.

(Perennial Larkspur.)

Sow in January, February or March, in shallow boxes; scatter the seeds thinly and cover lightly. Transplant in similar boxes when the young plants have made three or four leaves. In April or May plant where they are to flower, which should be in partial shade. In cold sections they require glass protection in winter.

- Delphinium Nudicaule.** (New Scarlet.) A most interesting plant of recent introduction. Its dwarf, compact habit, taken in connection with the novel and striking color of its flowers, renders it peculiarly valuable; 1½ ft. 25
- Cashmerianum.** In this new variety flowers an inch in diameter are borne on stems from 12 to 15 inches long. Flowers light purple, very striking and beautiful, 2 ft. (See cut.) 25
- Formosum.** Beautiful rich blue and white; flowers the first year, 3 ft 5
- Finest Mixed Hybrids.** A great variety, 2 ft. 5

DIDISCUS.

Didiscus Cœruleus. A very pretty little blue border plant. *Half-hardy Annual,* 2 ft. 5



CASTILLEJA
See page 59



CELOSIA JAPONICA.
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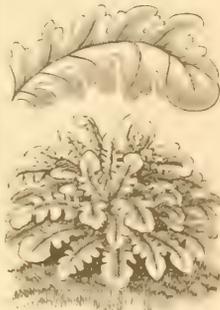
CELOSIA PLUMOSA.
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CLARKIA, MRS. LANGTRY.
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CENTAUREA CYANUS.
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CENTAUREA CANDIDISSIMA.
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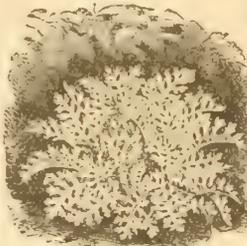
CENTAUREA CLEMENTEI.
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CENTAUREA GYMNOCARPA.
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CHRYSANTHEMUM INODORUM,
FL. PL.
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CINERARIA MARITIMA.
See page 60.



CINERARIA HYBRIDA.
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CLARKIA PULCHELLA.
See page 60.



CLANTHUS DAMPIERI.
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COCCINEA INDICA.
See page 60.



COLEUS, AMERICAN HYBRIDS.
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CONVOLVULUS, CRIMSON VIOLET.
See page 61.

DIANTHUS.

Per Pkt.

This magnificent tribe is one of the most satisfactory that can be raised from seed. *D. Caryophyllus* and its varieties are the much-admired Carnations and Picotees. *D. Barbatus* is the well-known Sweet William. *D. Chinen-sis* and varieties are known as Indian Pinks, perhaps one of the most beautiful class of plants existing. *D. Hed-dewigii* and *Diadematus* are splendid sorts, with flowers averaging 3 inches in diameter, and of the most brilliant colors. Full cultural directions given on packet contain-ing seed.

- Dianthus Gardnerianus.** Various colors. *Hardy Perennial*, 1½ ft. 10
- **Barbatus.** (See Sweet William.) Fine mixed, 1 ft. 10
- **Caryophyllus (Carnation), Extra Choice Bizarre.** Saved from an unequalled collection of named flowers, which will produce a fine assort-ment of superbly colored varieties, including flakes, bizarres, and selfs; 1 to 2 ft. (See cut.)..... 50
- **Perpetual, or Tree.** From the best collec-tion extant, and may be expected to produce beau-tiful new varieties, of various colors and of the highest merit, 2 ft. (See cut.)..... 50
- **New Grenadin.** Although quite new, this variety has already become a standard sort. Usu-ally coming perfectly true from seed, it blooms much earlier than any other Carnation, and pro-duces in the greatest abundance perfectly double flowers, of good size and of the most vivid scarlet hue. The habit of the plant is dwarf and compact. (See cut.)..... 25
- **Monthly, Fine Double German, Mixed.** From named flowers..... 35
- **Double Mixed.** For border culture, 1 to 2 ft. (See cut.)..... 10
- **Plumarius.** (Pheasant-eye Pink.) Very fragrant. *Hardy Perennial*, ½ ft. 10
- **Chinensis fl. pl.** (China or Indian Pink.) Finest double mixed. *Hardy Annual*..... 5
- **Alba Flore Plena.** Double white. *Hardy An-nual*, 1 ft. 5
- **Heddewigii, fl. pl.** (Double Japan Pink.) Very beautiful mixed colors. *Hardy Annual*, 1 ft. 10
- **Heddewigii Atropurpurea fl. pl.**..... 10
- **Diadematus flore pleno.** A striking variety of luxuriant but dwarf and compact growth. Flowers densely double, comprising all shades of color. 15
- **Imperialis fl. pl.** (Double Imperial Pink.) Fine mixed. *Hardy Annual*..... 10
- **Picotee Pink.** Without stripes, but with edged border..... 50
- **Scoticus, fl. pl.** (Paisley, or Florists' Pink.) (See cut.)..... 50
- **Laciniatus.** A beautiful fringed variety; various colors. *Hardy Annual*, 1 ft. (See cut.)..... 10
- **Flore Pleno.** A double variety of the above; very fine. (See cut.)..... 15
- **New Japanese.** These new and popular forms of *D. Heddewigii* are most distinct and pleasing. We offer two sorts, of which "Eastern Queen" is beau-tifully marbled; the broad bands of rich mauve upon the paler surface of the petals are very strik-ing and pretty. "Crimson Belle," as its name im-plies, is of a rich crimson color, flowers of very large size and substance, evenly and finely laciniat-ed. Both varieties come perfectly true from seed, and have been fully tested by us, and they are grand. Either variety..... 15

DIGITALIS.

(Foxglove.)

Handsome ornamental plants of stately growth and varied colors. Culture same as Delphinium. *Hardy Peren-nials*.

- Digitalis Alba.** Pure white, 3 ft. 5
- **Gloxinoides.** White, crimson-spotted, 3 ft. 5
- **Purpurea.** Purple, 3 ft. 5
- **Fine Mixed Varieties.** (See cut.)..... 5

DODECATHEON.

(American Cowslip, Shooting Star.)

A hardy herbaceous perennial, with beautiful light-purple flowers. It attains a height of 1 ft. Same culture as given for Delphinium.

- Dodecatheon Meadia**..... 10

DOLICHOS.

(Hyacinth Bean.)

Beautiful climbing plants of free growth, flowering in clusters, 10 ft. *Tender Annuals*.

- Dolichos Lablab.** Purple; beautiful in fall..... 5
- **Alba.** White..... 5

ESCHSCHOLTZIA.

(California Poppy.)

Very profuse-blooming plants of extremely rich and beauti-ful colors, 1 ft. Same culture as Aster. *Hardy Annual*
Eschscholtzia Californica. Bright yellow, with rich orange center..... 5

- **Californica, Alba Flore Pleno.** From the double golden yellow Eschscholtzia, originating in England three years ago, has sprung the double white variety that we now offer. The seed saved from the plants grown in 1880 has produced plants, 75 per cent, of which have borne beautiful double white flowers..... 15
- **Dentata Sulphurea.** New and curious variety..... 5
- **Crocea fl. pl.** A new double-flowering variety, flowers bright orange scarlet, shading off to salmon red. Quite a distinct sort, and an abundant bloomer. (See cut.)..... 15
- **Rose Cardinal.** (See Novelties.)..... 15
- **Mandarin.** A most beautiful and distinct variety. The inner side of the petals is of a rich orange color, the outer side being brilliant scarlet, of the type known in new fabrics as the mandarin scarlet, and when in full bloom the plants of this charming novelty present a gorgeous outline. The inner sur-face of the flowers has a rich, silk-like appearance, resembling the beautiful silk of the silk-worm. The flowers are of good substance. (See cut.)..... 15
- **Teunifolia** (Fern Leaved.) Foliage finely cut, flowers bright yellow..... 10
- **Rosea.** Flowers tinged with bright rose, very pretty..... 5
- **Fine Mixed.** All colors..... 5

ECHEVERIA METALLICA.

It is only recently that we have been able to offer seed of this valuable succulent, now so largely used, both as a pot plant for decorative purposes and for bedding out in summer. The packets we shall sell apparently contain a very small quantity, as the seed is exceedingly fine; but each packet will be found sufficient to produce 250 plants, if care is used in sowing..... 50

ERICA (Cape Heath.)

Well known, very beautiful and interesting green-nose shrubs, flowering most profusely. Culture same as for Azalea.

- Erica.** Choice varieties, mixed, 2 ft. 15

ERYSIMUM.

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

- Erysimum Arkansanum.** (Western Wallflower.) Sulphur yellow, 1½ ft. 5
- **Perofskianum.** Beautiful shade of orange..... 5

ERYTHRINA (Coral Tree.)

Forms a shrub about 5 feet high, having large spikes of deep scarlet pea-shaped blossoms. Culture same as given for Cyclamen. *Half-hardy Shrub*.

- Erythrina Christa Galli.** Scarlet..... 25

ETERNAL, OR EVERLASTING FLOWERS.

(See Helichrysum and Xeranthemum.)

EUCALYPTUS GLOBULUS.

(Blue Gum Tree.)

We offer seed of this so that those who are curious to know may see what the plant is like. It makes a pretty tree, and would form an object of interest in sub-tropical planting.

- Eucalyptus Globulus.** ("Fever and Ague Plant")..... 10

EUPATORIUM.

Very pretty herbaceous plants, with bunches of showy white flowers, fine for bouquets. Same culture as Begonia. *Hardy Perennial*.

- Eupatorium Fraserii.** (Described above.)..... 10

EUPHORBIA.

(Variegated Spurge.)

- An annual variety, hardy, with white and green bracts, giving it a variegated appearance.
- Euphorbia Variegata,** 1½ ft. 5

EXACUM.

Per Pkt.
Exacum Affine. (See description in Novelties.).....50

FERN SPORES (Seed.)

We offer a fine collection of Choice Ferns, comprising some of the rarest and most desirable varieties for green-house cultivation. Sow in the spring in an average temperature of 55 degrees, in shallow boxes, in light soil, the surface of which must be made perfectly smooth. On this sow the seed, pressing it down with a smooth board into the soil, then lightly cover with fine moss, leaf mould, or dust of cocconut fiber. When seedlings are fit to handle transplant into similar boxes.

Mixture. (See cut.).....25

FUCHSIA.

Our seed of this well-known and beautiful plant has been saved from a splendid collection of named varieties. Same culture as Begonia.

Fuchsia. Single, Mixed.....50
 — **Double.** Mixed.....50

FENZLIA.

A dwarf-growing plant, well suited for rustic baskets or vases; flowers rosy lilac, with orange center. *Hardy Annual.*.....5

FEVERFEW.

(See *Matricaria* and *Pyrethrum.*)

FORGET-ME-NOT (See Myosotis.)

FRENCH HONEYSUCKLE.

(See *Hedysarum.*)

GAILLARDIA.

A striking looking class, natives of this country, and presenting quite a diversity of color. All Half-hardy Annuals. The best varieties are:

Gaillardia Coccinea Nana. Dwarf scarlet, 1 ft. 5
 — **Grandiflora Hybrida.** Rich crimson and yellow, 1½ ft. 5
 — **Picta Nana.** Crimson and yellow, 1 ft. 5
 — **Alba Marginata.** White edged, 1½ ft. 5
 — **Fine Mixed Colors.** 5
 — **New Double Flowering.** (See *Novelties.*).....25

GERANIUM (Pelargonium.)

Sow in dwelling-house, hot-bed or green-house, in spring, in shallow boxes, in a temperature of 60 degrees. Transplant into similar boxes or into small pots, when the seedlings are fit to handle. Plant out in May, or for later flowering sow in the open ground in May. For winter or spring flowering sow in August or September.

Geranium Zonale. *Newer Types.* We offer large packet, containing seeds of all nine types of Single Geraniums shown in colored plates of 1880, mixed, for 25c.
Geranium Zonale. Splendid mixed 10
 — **General Grant.** Vivid scarlet.....15
 — **Gold and Bronze.** New varieties, mixed.....25
 — **Silver Leaved.** Saved from numerous named kinds.....25
 — **Double.** Finest mixed from new varieties.....25
 — **Large Flowered.** (*Pelargonium.*) "Lady Washington" Geranium. From prize varieties .. 50
 — **Fancy Varieties.** (*Pelargonium.*) "Lady Washington" Geranium. Finest mixed.....50
 — **Apple Scented** (true). We offer this season a limited supply of this always scarce and much-sought-after variety.....25

GILIA.

Very pretty dwarf plants; will bloom in almost any situation; admirably adapted for massing. *Hardy Annuals.*

Gilia Capitata Major. Sky-blue, ¾ ft. 5
 — **Nivalis.** Dwarf snow-white, ¾ ft. 5
 — **Tricolor.** White, lilac and purple, 1 ft. 5
 — **Tricolor Rubra Violacea.** Bears beautiful lilac flowers. (See cut.).....10
 — **All Colors Mixed.**.....5

GLADIOLUS,

Sow in the open ground (thickly) as soon as the ground is warm in the spring, pressing the seed down an inch or so. Weeding must be carefully done, or the tiny plants will soon be choked up. If carefully tended they will have formed small bulbs by fall, which must be lifted when ripe and kept under cover like onions or potatoes, to be planted out again the next season; some of the strongest bulbs will then flower.

Gladiolus, French Hybridized Seed......10

GLADIOLUS BULBS (In Collections.)

Per Pkt.
 Any of the following bulbs sent free by mail at catalogue prices, except where quoted by the hundred.
 (Supplied from October to June.)

We make up the following collections from our large stock of named sorts, such as we have a surplus of, which enables us to give our customers a very choice assortment, at much less than Catalogue rates. All the bulbs in these collections are correctly named.

"A"—12 good named varieties; the collection for... \$1 25
 "B"—12 choice named varieties; " " " " 2 00
 "C"—12 extra choice; " " " " 2 50
 "D"—12 new and rare varieties; " " " " 3 50
 "E"—12 in 12 sorts, without names; the collection for 1 00
 "F"—12 choice mixtures; " " " " 75
 "G"—12 choice seedling mixtures; " " " " 1 00
 "H"—12 choice seedlings, in 12 distinct sorts, with positive colors and markings, including the best white, yellow and scarlets2 50

GLADIOLUS BULBS (Mixture.)

Various shades of red. Per doz. 50c.; \$3.00 per 100.
 " " of pink and variegated. Per doz. 75c.; \$4.50 per 100.
 Various shades of white and light striped. Per doz. \$1.00; \$6.00 per 100.
 All colors, mixed. Per doz. 50c.; \$4.00 per 100.

GLAUCIUM.

(Horn Poppy.)

A showy plant, with long silvery leaves, gracefully recurved and deeply cut and curled. Flowers bell-shaped, orange yellow.

Gladium Corniculatum. (Described above).....10

GLOBE AMARANTHUS (Gomphrena.)

(Bachelor's Buttons.)

Remarkably handsome everlasting. The flowers may be cut in summer and preserved for winter bouquets. *Half-hardy Annuals.*

Globe Amaranthus, White. 2 ft. 5
 — **Purple.** 2 ft. 5
 — **Variegated.** 2 ft. 5
 — **Nana Compacta.** A new dwarf variety, very compact, flowers deep violet-red10
 — **Mixed.** All colors. 5

GLOXINIA.

A superb genus of stove-house plants, profuse bloomers, of great beauty and diversity of colors. Same culture as Begonia. *Stove Perennial Bulbs.*

Gloxinia, Finest Mixed. From a splendid collection of drooping and erect varieties, 1 ft. (See cut.).....50

GODETIA.

Well worthy extended cultivation; their delicate tints of purple and pink have long made them favorites in English gardens, although natives of America. *Hardy Annuals.*

Godetia, Lady Albemarle. (Novelty of 1879.)
 Grows a foot high. Flowers large, measuring over three inches across, are of an intense carmine-crimson shade, the edges of the petals being suffused with pale lilac. Profuse bloomer.....10
 — **Whitney, "Brilliant."** Rich carmine; shading off to light rose at the points of the petals. Plant dwarf and compact and exceedingly free flowering.....10
 — **The Bride.** White with crimson center 10
 — **Duchess of Albany.** A superb variety, producing a profusion of large, handsome satiny-white flowers, the individual blooms frequently measuring four inches across, and undoubtedly the finest White Godetia ever sent out. The plants when in full bloom resemble miniature Azaleas profusely covered with trusses of flowers which entirely hide the foliage. (See cut.)..... 15
 — **Bijou.** (See *Novelties.*).....25
 — **Fine Mixed.**..... 5

GNAPHALIUM.

(Edelweiss.)

Gnaphalium Leontopodium. The famous and true "Edelweiss" of the Alps, found growing there in the most inaccessible spots among the rocks, and gathered by tourists and mountaineers. The flowers are of downy texture, pure white, and star-shaped. They are greatly sought after as souvenirs, and are sold at a high price in Switzerland. It is said to be easily cultivated, and its scarcity is due to the ravages of deer, who are very fond of the plant, and feed on it in all places open to their reach25

GRAMMANTHES.

Per Pkt.
Grammanthes Gentianoides. A beautiful plant for rock-work or rustic baskets; of small size, and covered with orange-scarlet star-shaped flowers. *Half-hardy Annual.* 10

GOURDS (Ornamental.)

All of this climbing genus are of rapid growth, and produce fruit of peculiar and varied forms. *Tender Annuals.*
Gourd, Bottle-shaped. 5
 — **Miniature.** 10
 — **Dipper.** 5
 — **Sugar Trough.** 5
 — **Hercules' Club.** A curious sort. 10
 — **Leucantha Longissima.** 10
 — **Pear Shaped, Ringed.** 10
 — **Turban.** 10
 — **New Miniature.** Orange and green striped. 15
 — **Orange.** Fruit resembles an orange. 5
 — **Powder Horn.** 5
 — **Sipho.** 10
 — **Depressa.** Dark green Fruit. 10
 — **Melopepo, Striped, Flat.** Green, mottled with white. 10
 — **Egg.** 5
 — **Fine Mixed.** From a large collection of the most ornamental. (See cut.) 10

GRASSES (Ornamental.)

Nearly all the Ornamental Grasses are very showy and beautiful, and when dried and tastefully arranged in connection with the Everlasting Flowers, make exceedingly attractive winter bouquets. They are mostly annuals, and those which are not, with the exception of Pampas Grass, flower the first year. Sow in the spring, in a temperature of about 60 degrees, in shallow boxes, in light soil, the surface of which should be level. Press the seed with a smooth board into the soil, and sift on soil enough merely to cover the seed. When seedlings are fit to handle, transplant into similar boxes, and plant out in May. Sow seed also in open ground in May.

Agrostis Nebulosa. Exceedingly graceful and beautiful; one of the most elegant of Ornamental Grasses. *Hardy Annual, 1 ft.* 5
Avena Sterilis. (Animated Oats.) *Hardy Annual, 2½ ft.* 5
Briza Maxima. (Large Quaking Grass.) Very elegant. *Hardy Annual, 1 ft.* 5
 — **Gracilis.** (Slender Quaking Grass.) *Hardy Annual, 1 ft.* 5
Brizopyrum Siculum. Very dwarf, with shining green leaves; very pretty. ½ ft. 10
Bromus Brizaformis. A fine grass. *Hardy Perennial.* 5
Chloris Barbata. Pretty and curious. *Hardy Annual, 1 ft.* 5
 — **Truncata.** Fine silvery plumes, 2 ft. 5
Crysurus Aureus. Very dwarf, with yellowish feathery spikes, useful for bouquets. *Hardy Annual, ½ ft.* 10
Coix Lachrymæ. (Job's Tears.) *Half-hardy Annual, 2 ft.* 5
Eragrostis Elegans. (Love Grass.) Elegant and pretty. *Hardy Annual, 2 ft.* 5
Erianthus Ravenne. A superb perennial grass, resembling the Pampas in appearance and habit of growth; but attaining a greater height than that variety, and is quite hardy. Flowers the first year, if sown early in heat. *Hardy Perennial, 10 ft.* 25
Festuca Rigida. Curious dwarf variety. 5
Gymnorrhix Latifolia. Splendid ornamental grass, *Half-hardy Perennial, 10 ft.* 25
Gynerium Argenteum. (Pampas Grass.) The finest ornamental grass in cultivation, 10 ft. *Half-hardy Perennial.* 25
Hordeum Jubatum. (Squirrel Tail Grass.) Very handsome, 3 ft. 5
Lagurus Ovatus. (Hare's Tail Grass.) Dwarf, very pretty, 1 ft. 5
Panicum Capillaceum. Extremely ornamental, 3 ft. 5
 — **Sulcatum.** Beautiful palm-like foliage, exceedingly ornamental. *Half-hardy Annual, 2 ft.* 10
Setaria Macrocheta. Graceful drooping plumes. *Hardy Annual, 2 ft.* 5
Stipa Elegantissima. One of the most beautiful of ornamental grasses. 10
Stipa Pennata. (Feather Grass.) Exceedingly graceful and beautiful. *Hardy Perennial, 2 ft.* 10
Tricholena Rosea. A very beautiful rose-tinted grass. *Hardy Perennial, 2 ft.* 10
Zea Japonica Variegata. (Variegated Japanese Maize.) Striped Green and White. 5

☞ Entire collection (one packet of each of 24 ornamental grasses) for \$1.50.

GYPSOPHILA.

Per Pkt.
 Free-flowering little plants for rock-work or small beds.
Gypsophila Muralis. A charming little plant covered with beautiful pink blossoms. *Hardy Annual,* 5
 — **Paniculata.** White, fine for bouquets. *Hardy Perennial.* 5

HELIOTROPE.

Well-known deliciously fragrant plants; excellent for bedding purposes, or pot culture. Culture same as Begonia. *Half-hardy Perennial.*
Heliotrope. Finest mixed, 18 inches. 10

HELIANTHUS (Sunflower.)

Tall growing plants, with large and showy flowers. Culture same as Asters. *Hardy Annuals.*
Helianthus Californicus, fl. pl. Extra large and double, 5 ft. 5
 — **Globosus Fistulosus.** Flowers very large and globular-formed, of a bright, rich saffron color, 6 ft. 5
 — **Macrophyllus Giganteus.** A large growing variety, of pyramidal form, 6 ft. 5
 — **Cucumerifolius.** Habit very branching, growing about 3 feet high and blooming profusely throughout the season, flowers 2 inches in diameter, orange-yellow with black center. 5
 — **Oculatus Viridis.** Densely double, with green center. 5
 — **Oscar Wilde.** Desirable for bedding purposes, grown singly or in masses. The flowers are small, and consist of a small jet black center, surrounded by a row of bright golden petals overlapping each other. Very effective in corsage bouquets. 5
 — **Peruvianus.** Double yellow flowers, striped black. 10

HELICHRYSUM (Everlasting Flowers.)

Flowers mostly used for winter bouquets, for which they are cut before blooms are expanded, and dried in the shade. *Hardy Annuals.*
Helichrysum Brachyrhynchum. Yellow, ½ ft. 5
 — **Bracteatum.** Yellow, 1½ ft. 5
 — **Album.** White, 1½ ft. 5
 — **Monstrosum.** Finest double mixed, 2 ft. 5
 — **Nanum.** Dwarf, double mixed, 1 ft. 5
 — **Finest Mixed.** All colors. 5

HEDYSARUM (French Honeysuckle.)

A beautiful hardy perennial plant, grown in borders, generally known under its inappropriate name of "French Honeysuckle." It is a native of Italy, and has no affinity with the Honeysuckle (*Lonicera*).
Hedysarum Coronarium. Red and white, mixed, 3 ft. 5

HELIOPHILA.

A pretty, bright blue *Hardy Annual.*
Heliophila Araboides. 1 ft. 5

HIBISCUS.

A very ornamental and showy *Hardy Annual*; color a rich cream, with brown center. Culture same as Geranium.
Hibiscus Africanus. ½ ft. 5
Hibiscus Californicus. The Hibiscus, as is known, is a very showy genus, and this variety, *H. Californicus*, is one of the most desirable. It is an herbaceous perennial, producing an abundance of pure white flowers. 15

HOLLYHOCK.

Sow from June to August, in light soil. Thin out the seedlings sufficiently early to allow individual development of growth. In October plant out where to bloom. The plants should have a mulching of leaves or litter for winter protection, or should be planted in cold frames for early flowering. In our climate it is best to sow every season, treating the plant as a biennial.
Hollyhock. Extra choice, double, finest mixed. 25
 — **Fine Mixed.** Good double varieties. 10
 — **Double White.** This is one of the most valuable plants now grown for summer flowers. Flowers pure white and perfectly double. 25
 — **Double Yellow.** 25
 — **Crimson.** 25
 — **Pink.** 25

HONESTY.

(Moon Wort.)

Interesting summer-blooming plants, suitable for shrub berries or woodland walks. The seed vessels are flat and broad, and look like transparent silver. Very handsome in bouquets of dried flowers. Culture same as Aster. *Hardy Biennial.*
Honesty. Purple, 2 ft. 5



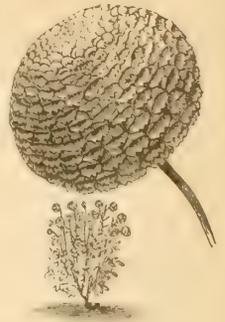
COBÆA SCANDENS.
See page 60.



CYCLAMEN GIGANTEUM.
See page 61.



CYPRESS VINE, IVY-LEAVED.
See page 61.



DAHLIA.
See page 61.



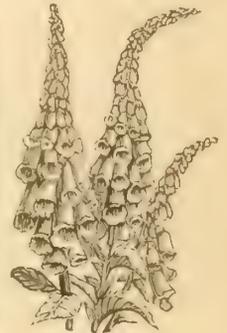
DIANTHUS LACINIATUS, SINGLE.
See page 63.



DIANTHUS LACINIATUS,
DOUBLE.
See page 63.



DIANTHUS SCOTICUS, FL. PL.
See page 63.



DIGITALIS.
See page 63.



DELPHINIUM CASHMIRIANUM.
See page 61.



ESCHSCHOLTZIA MANDARIN.
See page 63.



ESCHSCHOLTZIA GROCEA,
FL. PL.
See page 63.



FERNS.
See page 64.



GOURDS.
See page 62.



GILIA RUBRA VIOLACEA.
See page 61.



GLOXINIA.
See page 61.



GODETIA, DUCHESS OF ALBANY.
See page 64.

HUMEA.

Per Pkt.

When fully grown this attains a height of 8 feet, forming a most attractive object, either in the conservatory or in pots on the lawn. Its flowers of ruby red are produced in drooping racemes. Sow in spring in shallow boxes of light soil, pressing the seeds down level and merely covering them. Keep in an average temperature of 65 degrees, and when an inch or so high pot off in small pots or shallow boxes. Grow on in pots or plant out in open ground in May. *Half-hardy Biennial.*

Humea Elegans.....15

HYACINTHUS (The Cape Hyacinth.)

H. Candicans. (See description in Novelties.)...25

IPOMŒA.

This beautiful genus, like the *Convolvulus*, to which it is closely allied, is most useful in covering trellises, arbors, or unsightly objects. *Tender Annuals.*

Ipomœa Bona Nox. (Evening Glory.) Flowers white, large, and fragrant, 10 ft.....10

— **Burridgii.** Rose and crimson, 15 ft.....5

— **Coccinea.** (Star Ipomœa.) Bright scarlet, 10 ft.....5

— **Grandiflora Marmorata.** (Variegated Morning Glory.) A very beautiful variety, with heart-shaped leaves of a delicate green, marbled with silver-white; flowers carmine and white, 10 ft. (See cut.)...10

— **Limbata.** Blue and white, 10 ft.....5

— **Quamoclit.** (See Cypress Vine.).....5

IBERIS (See Candytuft.)

ICE PLANT.

A very singular dwarf trailing plant, much used for garnishing; the leaves and stems are covered with crystalline globules, giving it the appearance of being covered with ice. Culture the same as for Aster. *Half-hardy Annual.*

Ice Plant. (*Mesembryanthemum Crystallinum.*) From Greece; trailer, ½ ft.....5

INDIAN SHOT (See Canna.)

INOPSISIDIUM.

One of the few plants that succeed comparatively well in the shade. *Hardy Annuals.*

Inopsidium Acaule. Sky blue, ¼ ft.....10

IPOMOPSIS.

(Standing Cypress.)

Most beautiful plants, with long spikes of dazzling orange and scarlet flowers. *Half-hardy Biennials.*

Ipomopsis Elegans. Scarlet, 3 ft.....5

— **Superba.** Orange, 3 ft.....5

JACOBÆA (Senecio.)

Hardy Annuals of the easiest culture, in the varieties of which are to be found purple, bronze, pink, and white.

Jacobæa Elegans. Mixed, 1 ft. (See cut.).....10

— **Dwarf Double.** Mixed, ½ ft.....10

KAULFUSSIA.

Desirable plants of dwarf habit and compact growth *Hardy Annuals.*

Kaulfussia Amelloides. Bright blue, ½ ft.....5

— **Rosea.** Pink, mauve center, ½ ft.....5

LANTANA.

The varieties of Lantana are almost numberless. The flowers are borne in Verbena-like heads, embracing every shade of pink, purple, orange, and white. Culture same as for Begonia. *Half-hardy Perennials.*

Lantana Hybrida. Mixed.....10

LARKSPUR.

(Annual Delphinium.)

A most desirable and beautiful genus, the prevailing hue of whose flowers is blue. *Hardy Annuals.*

Larkspur, Dwarf Rocket. Finest mixed double, 1 ft. (See cut.).....5

— **Tall Rocket.** Finest mixed double, 2½ ft.....5

— **Emperor Larkspur.** For profuseness of blooming the Imperial Larkspur is unequaled, a single plant being seldom seen with less than 100 close, erect spikes of flowers upon it. It is of symmetrical, bushy habit, 1½ ft.....5

— **Consolida Candelabrum.** A new and very elegant dwarf variety, 1 ft. (See cut.).....5

— **Bismarck.** A new variety of great merit, mixed...10

— **Double Stock Flowered.** "Lustrous carmine." (See Novelties.).....25

LATHYRUS (Everlasting Pea.)

Per Pkt.

Very ornamental, free-flowering plants, useful for covering trellises, old stumps, fences or walls; growing in any soil. *Hardy Perennials.*

Lathyrus Latifolius. Purple, 5 ft.....5

— **Albus.** White, 5 ft.....5

— **Mixed.** Purple and white.....5

LAVENDULA (Lavender.)

Much prized for its fragrant violet flowers; succeeds best in a dry, gravelly soil. Culture same as for Anchusa. *Hardy Perennial.*

Lavendula Spica. Lilac, 2 ft.....5

LAVATERA.

Tall-growing, showy plants, very effective when used as a background to other plants. Same treatment as for Asters. *Hardy Annuals.*

Lavatera Trimestris. Rose and pink striped, 3 ft...5

— **Alba.** White, 3 ft.....5

— **Arborea Variegata.** (See Novelties.).....50

LEPTOSIPHON.

Although a native of this country, this pretty little Annual is much more appreciated in Europe than here, at home. All of the varieties are of the easiest culture, and well suited for marginal lines in ribbon beds.

Leptosiphon Aureus. Golden yellow, ½ ft.....5

— **Densiflorus Albus.** Pure white, 1 ft.....5

— **Hybridus.** Fine mixed, ½ ft.....5

— **Roseus.** A beautiful variety, of dense habit.....5

LIMNANTHES.

A dwarf-growing plant, attaining its best development in a moist and shady situation. *Hardy Annual.*

Limnanthes Douglasii. Yellow and white, fragrant, ½ ft.....5

LINARIA.

A particularly effective plant in rock-work or ribbon lines. *Hardy Annuals.*

Linaria Bivartita Alba. White, ½ ft.....5

— **Splendida.** Deep purple, ½ ft.....5

— **Cymbalaria.** (Kenilworth Ivy.) A rapid-growing climber that is very much used for covering fences or unsightly objects. An old plant, but one that we have often been asked for seed of.....25

LINUM.

(Flowering Flax.)

The garden varieties of this are conspicuous for their brilliant colors.

Linum Flavum. Yellow, 1 ft. *Hardy Perennial*...10

— **Grandiflorum Coccineum.** Scarlet, 1 ft. *Hardy Annual*.....5

LOASA.

This in our Trial Grounds proved to be an excellent climbing plant, flowering very profusely all season, and in bloom as late as November 1st; 6 ft.

Loasa Herbertii. Scarlet. *Half-hardy Perennial*...10

— **Tricolor.** Shaded yellow. *Hardy Annual*...10

LOBELIA.

Low-growing plants, admirably adapted for the front lines of ribbon borders, and for vases or hanging-baskets. Sow in dwelling-house, hot-bed or green-house, in spring, in shallow boxes, in a temperature of 60 degrees. Transplant into similar boxes or into small pots when the seedlings are fit to be handled. Plant out in May, or for later flowering sow in the open ground in May. For winter or spring flowering sow in August or September. *Half-hardy Annuals.*

Lobelia Erinus Alba. Pure white, ½ ft.....10

— **Erinus "Pearl."** Purest white, with a blue edge...10

— **Paxtoniana.** A beautiful variety, fine habit, profuse bloom of pure white, with sky-blue belt; a splendid bedding plant, ½ ft.....10

— **Speciosa.** One of the most effective varieties for bedding, ½ ft.....10

— **Crystal Palace Compacta.** Blue. The best bedding variety, ½ ft.....10

— **Gracilis.** Light blue, spreading habit, ¼ ft. For baskets.....10

— **Distinction.** Rose color.....10

— **Finest Mixed Erinus Varieties**.....10

— **Fulgens.** (Queen Victoria.) Brilliant scarlet, fine border Perennial, 2 ft.....25

— **Cardinalis.** (Cardinal flower.) One of our finest native plants, perfectly hardy, growing to a height of four feet. The flower spikes, eight inches long, are of an intense vermilion scarlet.....25

LOPHOSPERMUM.

Per Pkt.

Exceedingly ornamental climbing plants, with large and handsome flowers; very effective for conservatory or garden decoration. *Half-Hardy Annual.*
Lophospermum Hendersonii. Rosy carmine, 10 ft. 10

LUPINUS.

Desirable plants in every garden, bearing long and graceful spikes of the colors named below. *Hardy Annuals.*
Lupinus Affinis. Blue, white, and purple, ½ ft. 5
 — **Cruikshankii.** Blue, white, and yellow, 3 ft. 5
 — **Dunnettii.** Violet, brown, and yellow, 3 ft. 5
 — **Hybridus Atrococcineus.** Scarlet and white, 2 ft. 5
 — **Tricolor Elegans.** White, lilac, and purple, 2 ft. 5
 — **Mixed Annual Varieties.** 5
 — **Polyphyllus.** Mixed blue and white. *Hardy Perennial*, 3 ft. 5

LYCHNIS.

Very handsome and useful Perennials. *L. Chalcedonica* is strikingly effective in mixed flower and shrubbery borders. *L. Fulgens* is brilliant in the extreme. *L. Haageana* is a beautiful hybrid, varying in different shades. Culture same as for Auricula.

Lychnis Chalcedonica. Scarlet, 2 ft. 5
 — **Fulgens.** Bright scarlet, 1 ft. 10
 — **Haageana.** Bright orange scarlet, 1 ft. 10
 — **Nana Hybrida.** Mixed. 10

MAGNOLIA GRANDIFLORA.

Flowers large, white, and fragrant, the best variety that can be raised from seed of this beautiful class 10

MALOPE.

Handsome plants of a branching habit, producing their large flowers in great profusion; very effective in mixed borders; succeed in common garden soil. *Hardy Annuals.*

M. Grandiflora Purpurea. Crimson. 5

MATHIOLA.

M. Bicornis. An evening-scented Stock, growing over a foot high. During the day time the blossoms of pink and lilac are partially closed and scent is slight and feeble, but toward evening it expands fully, remaining so during the night, emitting a delicious fragrance 10

MARIGOLD.

The African is the tallest and most striking in large beds; while the French varieties are admirably adapted for small beds, or as a foreground to taller plants. *Half-hardy Annuals.*

Marigold, African Quilled. Orange, brown, and yellow, mixed, 2 ft. 5
 — **French Dwarf.** Orange, brown, and yellow, mixed, 1 ft. 5
 — **New French "Gold Striped."** (See Novelties). 15
 — **Prince of Orange.** (See Novelties.) 25

MARVEL OF PERU.

(Four O'Clocks.)

The flowers—red, white, yellow, and variegated—grow in clusters on the summit of the stem. They are exceedingly fragrant, expanding in the evening, and withering next morning. The roots may be preserved through winter like Dahlias.

Marvel of Peru. Finest mixed, 2 ft. 5
 — Variegated foliage 10
 — **Longifolia Alba.** Long flowered, pure white, fragrant. 10
 — **New Perennial.** Will flower first season if sown early; large umbels, with dark lilac-red flowers. 10
 — **New Dwarf White.** Fully developed plants of this novelty are never more than 10 inches in height, completely studded with snow-white flowers contrasting finely with its yellowish foliage. 15

MESEMBRYANTHEMUM.

Dwarf-growing plants of great beauty, well suited for edgings and covering rock-work, producing their star-like flowers in great abundance the whole summer. *Half-hardy Annuals.*

Mesembryanthemum Tricolor. (Wax Pink.) Mixed colors, ½ ft. (See cut.) 5
 — **Crystallinum** (Ice Plant.) Trailer. 5

MATRICARIA (Feverfew.)

Per Pkt.

Sow from December to April in shallow boxes, in a temperature of 60 degrees. As soon as the young plants can be handled, transplant singly into small pots or shallow boxes, where they may remain until the time of planting out in the open ground in May.

Matricaria Eximia, fl. pl. A fine double white Feverfew, with foliage curled like the finest double curled Parsley. The effect is said to be very fine. 25
 — **Alba Plenissima.** The finest pure white double Feverfew. 15

MAURANDIA.

These beautiful summer climbers cannot be too highly recommended, whether for the adornment of the conservatory or green-house, or for training on trellis-work, verandas, etc. Blooms the first season from seed. *Half-hardy Perennials.*

Maurandia Barclayana. Rich violet, 10 ft. 10
 — **Alba.** White, 10 ft. 10
 — **Rosea.** Rosy pink, 10 ft. 10
 — **Purpurea Grandiflora.** Purple, 10 ft. 10
 — **Finest Mixed Colors.** 10

MIGNONETTE.

Quite recently the varieties of this old favorite have been enriched by two sorts that have proved distinct and decided acquisitions. These are the Golden Queen and New Hybrid Spiral, which are an immense advance on previously existing sorts. *Hardy Annuals.*

Mignonette, (Reseda Odorata.) Large-flowered variety. Per ounce, 25 cents. 5
 — **Large-flowered Pyramidal (Reseda Ameliorata.)** Quite distinct from the old large-flowered variety; its foliage and flowers are much larger; the plants are of pyramidal growth and attain a large size. 10
 — **New Giant.** The best and most distinct of the large-flowering sorts; exceedingly free flowering and equally well adapted for house as well as outdoor culture. 10
 — **Parson's New White.** Flowers nearly white; a desirable variety. 10
 — **New Hybrid Spiral.** In our Trial Grounds last summer this variety proved to be entirely distinct from any of the older varieties of Mignonette. It is a strong grower and a most abundant bloomer, producing flower spikes from 8 to 11 inches in length, deliciously fragrant. (See cut.) 15
 — **The Prize.** This variety bears a very close, dense spike, entirely free from straggling blooms, fully twice the ordinary size, and as deliciously fragrant as any. 10
 — **Golden Queen.** (see Novelties.) 15
 — **"Machet."** (See Novelties.) 25
 — **Ogorata Compacta Glauc.** Forms a circular bush 18 inches in diameter, and not more than 9 inches in height; its fragrant blooms are of a shade entirely distinct in Mignonette, being what might be called a glaucous shade of lilac. One of the most desirable varieties we have ever met with. 15

MIMULUS.

(Monkey-Flower.)

Comprises numerous varieties, with white, sulphur and yellow grounds, spotted crimson, scarlet, and pink. They luxuriate in damp, shady situations, and bloom freely in the early summer months. Culture required about the same as that given for Aster. *Half-hardy Perennials.*

Mimulus Cardinalis. Scarlet, 1 ft. 10
 — **Moschatus** (Musk Plant.) Yellow, ½ ft. 10
 — **Tigrinus.** An exceedingly beautiful new blotched and spotted hybrid, rivaling the Calceolaria in the variety of its bright colors. Mixed 10
 — **Tigrinus Flore Pleno.** A beautiful double-flowering variety, valued alike for open garden and green-house decoration; choice mixed colors. (See cut.) 25
 — **Roseus Superbus.** A German novelty said to be as beautiful as it is distinct. The plant is of bushy habit, growing about 16 inches high, bearing a large abundance of rose-colored flowers, the throat of which is yellow, spotted with red. 25
 — **New Musk Scented.** (See Novelties.)

MIMOSA.

(Sensitive Plant.)

A very interesting and curious plant, its leaves closing if touched or shaken. *Half-hardy Annual.*
Mimosa Pudica. 1½ ft. 5

MOMORDICA.

Per Pkt.

- Very curious trailing plants, with ornamental foliage and remarkable fruit. *Half-hardy Annuals.*
Momordica Balsamina (Balsam Apple.) From East Indies, 1 1/2 ft. 5
 — **Charantia** (Balsam Pear.) 10 ft. 5

MORNING GLORY.

- Morning Glory.** (See *Convolvulus*.) Finest mixed, 20 ft. 5

MUKIA.

- A very pretty annual climber, with heart-shaped leaves and scarlet berries; very ornamental and of rapid growth.
Mukia Scabrella. From New Holland, 10 ft. 10

MUSK PLANT (See *Mimulus Moschatus*.)

MYRSIPHYLLUM (Smilac.)

There is no climbing plant in cultivation that surpasses this in the graceful beauty of its foliage. Sow in shallow boxes, in light soil, at any season of the year. Press the seed evenly into the soil, and cover evenly to the depth of one-sixteenth of an inch. The seed often germinates slowly, lying sometimes three or four months before it all comes up. When fit to handle transplant into shallow boxes or small pots. 25

MYOSOTIS (Forget-Me-Not.)

- The different varieties of this popular plant are very beautiful, and too well known to need mentioning; they succeed best in moist situations. Same cultural directions as for *Asters*. *Hardy Perennials.*
Myosotis Palustris (True.) Blue, 1/2 ft. 5
 — **Alba.** White, 1/2 ft. 10
 — **Azorica Celestina.** Flowers of rich turquoise blue; produced in the greatest abundance. Not hardy, but splendid for pot culture. 10
 — **Dissitiflora.** Earliest of all. Dark blue, very fine spring-flowering variety; with large blossoms, quite distinct from any other. 1/2 ft. 15
 — **Semperflorens.** A charming dwarf Forget-Me-Not, under eight inches in height, of free growth, thriving well either in sunny or shady spots. 15

NASTURTIUM.

- These will always be valuable summer-flowering plants, for the reason that they stand any amount of heat and drought, growing vigorously and flowering freely, no matter how high the thermometer may record. They flower better, however, in a poor, rocky soil, as a rich one has a tendency to make them "run to leaf." The "Tom Thumb" varieties are splendid bedding sorts. *Hardy Annuals.*
Nasturtium, Tom Thumb. Scarlet, 1 ft. 5
 — **Yellow.** 1 ft. 5
 — **Pearl, White.** 5
 — **King of Tom Thumbs.** Crimson scarlet, 1 ft. 5
 — **Tom Thumb, King Theodore.** Foliage dark green; flowers almost black. 5
 — **Tom Thumb Mixed.** 5 ft. 5
 — **Tall Scarlet.** 10 ft. 5
 — **Orange.** 10 ft. 5
 — **Mixed.** 10 ft. 5

NELUMBIUM.

- This beautiful yellow Water Lily should be grown in lakes or ponds. The seeds should be planted in small pots filled with moss, placed in water, so as to keep them at all times saturated. In a temperature of 70 degrees they will germinate in three weeks, and when grown of sufficient size should be planted out in ponds.
Nelumbium Luteum. 25

NEMOPHILA.

(Love Grove.)

- This is one of the best dwarf Hardy Annuals, of very compact growth, comprising varied and beautiful colors; blooms freely all summer.
Nemophila Discoidalis. Black, with white margin, 1 ft. 5
 — **Insignis.** Bright blue, with white center, 1 ft. 5
 — **Marginata.** Azure blue, edged with white. 5
 — **Maculata.** White, with large purple spots, 1 ft. 5
 — **Fine Mixed.** 5

NIEREMBERGIA.

- Very pretty, half-hardy plants for flower-beds. 1 ft.
Nierembergia Frutescens. Flowers white and blue, plants of a shrubby character. 10
 — **Gracilis.** An herbaceous variety of slender habit, with white and purple flowers. 10

NOLANA.

Per Pkt.

- Very pretty trailing plants, with convolvulus-like flowers; excellent for rustic work or hanging baskets. Showy also for borders. 1/2 ft. *Hardy Annuals.*
Nolana Lanceolata. Sky-blue, with white throat. 5
 — **Atriplicifolia.** Blue, violet, white, and yellow. 5

NYCTERINIA.

- Sweet-scented little plants, with large heads of star-shaped flowers, well-suited for rock-work or edgings; succeeds in light, rich soil. Same cultural instructions as for *Anchusa*. *Half-hardy Perennials.*
Nycteria Capensis. White, with yellow center, 1/2 ft. 5
 — **Selaginoides.** Pink, with yellow center, 1/2 ft. 5

NYMPHÆA (Water Lily.)

- Nymphæa Odorata.** This is the true white water lily, found growing in all sections of the country. It can be grown in aquariums or tanks, which should be kept full of water while the plants are growing, but may be allowed to get dry when the flowering season is over. (See *cut.*) 25
 — **Lutea.** The yellow water lily. 25

NIGELLA.

- Curious and interesting free-flowering plants of the easiest culture, growing in any garden soil. *Hardy Annuals.*
Nigella Damascena Nana (Devil in a Bush). Double blue and white, 3/4 ft. 5
 — **Atropurpurea.** Clear rich purple, 1 1/2 ft. 5
 — **Hispanica** (Love in a Mist). 5

OXALIS.

- Very attractive and beautiful plants, with richly-colored flowers, suitable for green-house decoration, or for rock-work and rustic baskets. *Half-hardy Perennials.*
 — **Oxalis Rosea.** A neat, erect-growing plant, with bright rose-colored flowers. 3/4 ft. 10
 — **Tropæcoloides.** Deep yellow, brown leaves, 1/2 ft. 10
 — **Valdiviana.** A very showy and compact-growing variety; flowers bright yellow and sweet-scented. 10

ENOTHERA (Evening Primrose.)
(Sun Drops.)

- A very beautiful, free-growing and useful class of plants, flowering generally in long spikes.
Enothera Bistorta Veitchii. Yellow, with crimson spots. *Half-hardy Annual.* 10
 — **Drummondii.** Yellow. *Half-hardy Annuals,* 2 ft. 10
 — **Lamarckiana.** Bright yellow flowers, 3 to 4 inches in diameter, and produced in great profusion; a splendid ornamental plant. *Hardy Perennial,* 3 ft. 10
 — **Macrocarpa.** Primrose. Large blooms. *Hardy Perennial,* 1/2 ft. 10
 — **Fine Mixed Varieties.** 10

PALAVA.

- A beautiful annual, growing to a height of 18 inches, and flowering abundantly. Equally valuable for green-house or garden.
Palava Flexuosa. Flowers bright pink; base of sepals almost black. (See *cut.*) 5

PARDANTHUS.

- A handsome hardy herbaceous plant, with lily-like orange colored flowers, spotted with purple. The seed pods resemble a blackberry, and as they do not drop for a long time after the branches have been cut, they are very pretty mixed in with dried grasses for winter bouquets.
P. Sinensis (Blackberry Lily). 25

PENTSTEMON.

- This beautiful class is in continuous bloom from the time they are planted out in May until frost. In shape the flowers somewhat resemble the *Gloxinia*, and are shaded and mottled in white, blue, crimson, scarlet and pink. They bloom the first year, if sown early in March in the hot-house or hot-bed and planted in May. *Half-hardy Perennial.*
Pentstemon. Fine mixed, 2 ft. 10

PERILLA.

- Having black purple-colored foliage, this ornamental plant makes a fine contrast with any of the light or silver-leaved plants usually used for lawn groups or ribbon-line gardening. Same culture as for *Coleus*. *Half-hardy Annual.*
Perilla Nankinensis. 1 1/2 ft. (See *cut.*) 5
 — **Laciniatis.** Cut-leaved variety; excellent for bedding. 10



IPOMOEA MARMORATA.
See page 67.



JACOBÆA.
See page 67.



LARKSPUR,
CANDELABRA-FORMED.
See page 67.



MESEMBRYANTHEMUM
TRICOLOR.
See page 68.



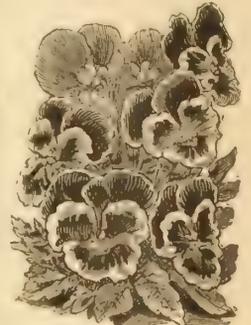
MIGNONETTE, SPIRAL.
See page 68.



MIMULUS TIGRINUS, DUPLEX.
See page 68.



NYMPHÆA ALBA.
See page 69.



PANSY, NEW FANCY.
See page 71.



PALATA FLEXUOSA.
See page 69.



PETUNIA GRANDIFLORA
MARGINATA.
See page 71.



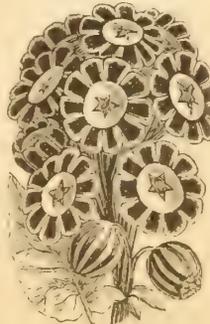
PETUNIA GRANDIFLORA
FIMBRIATA.
See page 71.



PETUNIA,
FANCY HYBRID DOUBLE.
See page 71.



PHLOX D. GRANDIFLORA.
See page 72.



POLYANTHUS, GOLD LACED.
See page 71.



POLYANTHUS, DUPLEX.
See page 71.



POPPY UMBROSUM.
See page 72.

PHLOX.

Per Pkt.

Phlox Drummondii, to which section nearly all the following classes and varieties belong, is one of the very finest of annual plants, and stands almost unrivaled for profusion and duration of bloom and richness of color. The "Grandiflora," or large-flowering varieties, are a great improvement over the older sorts, the flowers being half as large again, and as freely produced. Graf-Gero and Nana Compacta classes are especially fine, their habit of growth being dwarf and compact and one mass of bloom. Both these sections have recently been largely grown in pots by florists for market purposes, with great success.

Phlox Drummondii Alba , Pure white.....	10
— Alba Rosea Striata Fimbriata , Fringed and striped white and rose.....	15
— Atropurpurea Striata , Beautifully striped.....	10
— Black Warrior , Dark purple.....	10
— Coccinea , Deep scarlet.....	10
— Isabellina , Pale yellow.....	10
— Leopoldii , Bright rose, white eye.....	10
— Oculata , White, with purple eye.....	10
— Princess Royal , Light purple, with white streaks.....	10
— Queen Victoria , Violet, white eye.....	10
— Radovitzii , Rose purple, white eye.....	10
— Rosea , Pure rose color.....	10
— Finest Mixed Varieties	5
— Decussata , Perennial mixed, saved from named varieties.....	10

NEW LARGE FLOWERING PHLOX.

(*P. Drummondii Grandiflora.*)

A great improvement—the older Phloxes, the flowers being much larger—equalling the perennial sorts in size.

Grandiflora Alba , White.....	15
— Atropurpurea , Rich maroon, with white eye.....	15
— Chamois Rose , Chamois rose, with white eye.....	15
— Coccinea , Brilliant scarlet.....	15
— Splendens , Vivid crimson, with white eye, the center of which is encircled with a clearly-defined violet edge.....	15
— Quadricolor Marmorata , Marbled.....	15
— Mixed , (<i>See cut.</i>).....	10

NEW DWARF PHLOX DRUMMONDII.

(*P. Drummondii Nana Compacta.*)

A distinct section, distinguished by its dwarf habit and compact growth $\frac{3}{4}$ ft.

Nana Compacta Coccinea , Deep scarlet, white eye.....	15
— Red , A bright shade.....	15
— Chamois Rose , Pure salmon rose.....	15
— Fireball , Bright dazzling scarlet.....	15
— Snowball , Pure white.....	15
— Mixed	15

NEW PHLOX DRUMMONDII (Graf-Gero.)

A new strain of fine compact growth and very fine for pot culture.

P. Graf Gero Alba , Pure white.....	25
— Rosea , Bright rose.....	25
— Violacea , Violet.....	25
— Marmorata , Marbled.....	25
— Mixed	25

POPPY.

Plants with large and brilliantly colored flowers, always making a showy display in the garden. *Hardy Annuals.*

Poppy, Carnation-Flowered , Double, mixed, 2 ft. 5	
— French , (<i>Papaver Rhæas</i>), Ranunculus flowered, double-mixed, 2 ft.....	5
— Danebrog , (<i>See Novelties</i>).....	25
— Umbrosum , This makes a gorgeous display in the garden; its flowers are a rich vermilion, with a shining black spot on each petal. One of the showiest plants in our Trial Grounds last summer. (<i>See cut.</i>).....	15
— Bracteatum , Very large orange-scarlet flowers, averaging five inches in diameter. Perennial variety.....	10
— Orientele , A perennial variety, bright scarlet.....	10
— English Scarlet , One of the commonest plants in Great Britain, being found growing wild there in field after field, and which produces the most gorgeous effect that can be imagined with its dazzling scarlet blooms.....	5

PORTULACA.

Per Pkt.

Beautiful and popular Hardy Annuals, of the easiest culture, luxuriating in an exposed sunny situation, and producing throughout the summer their flowers of almost every hue in the greatest profusion. The double Portulaca is one of the finest annuals in cultivation. Same culture as Aster. $\frac{1}{2}$ ft.

Portulaca Bedmani , A fine variety. Flowers large, pure white, with a reddish-purple eye.....	5
— Golden Striped , A very distinct and striking variety. Flowers of a light straw color, with golden or orange stripes.....	5
— Alba , Clear white.....	5
— Red and White , Striped.....	5
— Splendens , Rich purple.....	5
— New Pink , This is a great improvement on the common single Portulaca. The flowers, nearly twice the size of the old variety, are of a delicate pink shade.....	5
— New Salmon , A new and strikingly odd color in this well-known annual.....	5
— Splendid Mixed, Single , All colors.....	5
— Grandiflora, Double , Finest mixed. These are unsurpassed for brilliancy of color by any annual grown. Our Double Portulaca is saved from the finest double flowers only, the plants of which are grown from cuttings, and we believe will produce a larger percentage of double flowers than any other strain offered. (<i>See cut.</i>).....	15

PRIMULA (Chinese Primrose).

Our Primulas are from the finest existing strains. In the Fimbriata sorts the flowers are beautifully fringed, as are the Filicifolia class also, but the latter have added beauty in their Fern-like foliage. Following the English practice, it is usually advised to sow Primula seeds in July and August, but in our hot, dry climate it is very difficult to have them germinate at that season; so, in our own experience, we have found that the best time to sow is in February, March or April. Then sown the seed germinates freely, and fine plants can be had for winter flowering. The great perfection to which Primulas have been brought renders them in attractiveness and value scarcely equaled by any class of plants, $\frac{3}{4}$ ft.

Primula Sinensis Fimbriata , Very choice, mixed, from prize flowers. (<i>See cut.</i>).....	50
— Alba , Pure white.....	50
— Rubra , Red, very fine.....	50
— Striata , Striped with red.....	50
— Kermesina Splendens , Bright carmine with distinct yellow eye.....	50
— Coccinea , (<i>See Novelties</i>).....	75
— Alba Magnifica , (<i>See Novelties</i>).....	75
— Punctata Elegantissima , A beautiful variety, flowers deep velvety crimson, strongly fringed, and regularly marked at the borders with small snow-white spots.....	75
— Cristata Nana , A very interesting and distinct race, of French origin. The plant is of dwarf and dense habit, with small foliage. The flowers are snow-white, with a pale yellow eye, are dentated, and show a tendency to become double. (<i>See cut.</i>).....	75
— Globosa Rubra , (<i>See Novelties</i>).....	75
— Alba , (<i>See Novelties</i>).....	75
— Alba Plena , Double white.....	1 00
— Rubra Plena , Double red.....	1 00
— Double Mixed , Red and white. (<i>See cut.</i>).....	1 00

The double varieties produce a large percentage of double flowers, and are superb.

— Filicifolia Alba , White fern-leaved, very beautiful.....	50
— Rubra , Red, fern-leaved.....	50
— Filicifolia Mixed	50

We also this season offer cheaper seed of single Primula as below:

Primula Sinensis Alba , White.....	25
— Rubra , Red.....	25
— Mixed	25

PYRETHRUM.

(*Feverfew.*)

Sow from December to April, in shallow boxes, in a temperature of 60 degrees. As soon as the young plants can be handled, transplant singly into small pots or shallow boxes, where they may remain until the time of planting out in the open ground in May.

Pyrethrum Hybridum fl. pl. New varieties of this beautiful hardy, herbaceous plant, saved from double flowers only, $\frac{1}{2}$ ft.	25
— Roseum , The flowers of this and its varieties are gathered, dried and pulverized, and form the true "Persian Insect Powder" so much in demand.....	10

PYRETHRUM—Continued.

	<i>Per Pkt.</i>
Pyrethrum Cinerariaefolium. (Dalmatian Insect Powder Plant.).....	10
— Parthenifolium Aureum. (Golden Feather.) Bright Golden foliage. One of the best bedding plants. 1 ft.....	10
— Laciniatum. A variety of "Golden Feather." the foliage distinctly cut and fringed.....	10
— Golden Gem. A splendid bedding plant, producing large double white flowers, which are continued throughout the summer. The color of the foliage is a brighter yellow than that of the old "Golden Feather." itself one of the best bedding plants grown. 1 ft.....	10
— Aureum Selaginoides. The flat golden foliage resembles two fronds of some species of Ferns, overlaying each other, and this peculiarity, with its dwarf and compact habit, gives it great interest and beauty.....	15
— Double White Feverfew. (See <i>Matricaria</i> .).....	15

RHODANTHE.

Belongs to what is known as "Everlasting flowers," and is invaluable for winter bouquets; but it has also added interest and value from the fact of its being equally desirable when grown as a pot plant in green-house or parlor, or when planted out for garden decoration, 1 ft. *Half-hardy Annuals.*

Rhodanthe Atrosanguinea. Dark purplish crimson, very brilliant.....10

— **Maculata.** Bright rosy crimson, with yellow disk. 10

— **Alba.** Pure silvery white, very beautiful.....10

RICINUS.

(Castor Oil Bean.)

Tall-growing plants of tropical origin, and whose luxuriant foliage renders them exceedingly ornamental and desirable. *Half-hardy Annuals.*

Ricinus Borboniensis Arboreus. Very large and handsome foliage. 15 ft.....5

— **Giganteus.** Leaves of immense size. 12 ft.....5

— **Gibsonii.** Dark red foliage.....5

— **Obermanii.** (*Sanguineus*.) Red fruit, splendid ornamental plant. 8 ft.....5

— **Tricolor.** Three-colored, very beautiful. 7 ft.....5

— **Mixed Varieties.**.....5

ROCKET.

(Dame's Violet.)

Well-known, very fragrant, early spring-flowering plants, growing and blooming freely. Treat same as Antirrhinum. *Hardy Perennials.*

Rocket, Sweet Purple. 1½ ft.....5

— **White,** 1½ ft.....5

— **Mixed,** 1½ ft.....5

SALPIGLOSSIS.

Remarkably beautiful autumn-blooming plants, with funnel-shaped flowers, curiously veined and marbled. Culture same as for Coleus. *Half-hardy Annuals.*

Salpiglossis Azurea Grandiflora. Sky-blue, 1½ ft.....10

— **Coccinea Grandiflora.** Scarlet, 1½ ft.....10

— **Large-flowered.** Finest mixed, 1½ ft.....10

SALVIA.

(Flowering Sage.)

With its spikes of scarlet and blue, the *Salvia* makes one of the most gorgeous plants in the garden. *S. Patens* (blue) and *S. Splendens* (red) are perhaps the best representatives of these two primary colors to be found in the whole range of flowering plants. Seeds sown in April will flower in July and August, and continue throughout the season. *Half-hardy Perennials.*

Salvia Patens. Splendid deep blue. 3 ft.....25

— **Splendens.** (*Scarlet Sage*.) Vivid scarlet, 3 ft.....10

— **Carduacea.** Grows about 2¼ feet high, producing beautiful light blue flowers.....25

SANVITALIA.

Dwarf-growing, free-flowering plants, very suitable for small beds or rock-work. *Hardy Annuals.*

Sanvitalia Procumbens Fl. Pleno. A beautiful acquisition; flowers densely double, bright golden yellow, and produced in the greatest abundance, ½ ft.....10

SAPONARIA.

(Bouncing Bet.)

An extremely beautiful class of compact growing plants producing masses of minute cross-shaped rose and white flowers, which continue blooming all summer. *Hardy Annuals.*

Saponaria Calabrica. Rich deep pink, ½ ft.....5

— **Alba.** Pure white. ½ ft.....5

SCABIOSA.

(Mourning Bride, or Sweet Scabious.)

A beautiful border plant, producing in profusion flowers in great variety of colors; excellent for cutting for table bouquets, etc. Same culture as *Asters*. *Hardy Annuals.*

Scabiosa Nana Fl. Pleno. The flowers are quite double and globular, varying in all the shades of white, carmine, maroon, lilac, etc.; a most valuable flower to use in bouquets or vases of cut flowers, 1 ft. (See cut.).....5

— **Tall German.** Mixed, 2 ft.....5

SCHIZANTHUS.

A splendid class of plants, combining elegance of growth with a rich profusion of beautiful flowers, valuable for green-house decoration in spring, and the flower garden in summer. 1½ ft. *Half-hardy Annual.*

Papilionaceus (Butterfly flower.) A charming variety, the flowers resembling some varieties of Orchids.....10

All Colors. Mixed.....5

SCYPHANTHUS.

Scyphanthus Elegans. A dwarf, free-flowering, half-hardy evergreen trailing plant; yellow, 2 ft.....10

SEDUM.

(Stonecrop.)

A very interesting and useful little plant, growing freely on rock or rustic work, ornamental mounds, old walls, etc. *Hardy Annual.*

Sedum Cœruleum. Blue. ¼ ft.....10

SENECIO SPECIOSUS.

A new and very free-flowering half-hardy perennial from South Africa. It produces in the open ground bright magenta-colored flowers from spring until fall, and can be had in bloom in the green-house throughout the winter. The flowers are about an inch and a half in diameter, and borne in branching spikes.....25

SENSITIVE PLANT (See Mimosa Pudica.)

SILENE.

A beautiful genus of free-flowering plants, with bright attractive flowers, admirably adapted for spring and summer blooming in beds, rock-work, etc.

Silene Pendula Compacta. Plant dwarf and compact, forming dense cushions two or three inches in height, and from nine to twelve inches in diameter, which during the season are perfectly solid with bloom.....5

— **Carnea Fl. Pl.** Producing beautiful double flowers of a delicate pink. It comes quite true from seed, and will be found well adapted for edgings of flower beds. Its blooms, too, will be found very useful in all cut flower work.....15

SMILAX (See Myrsiphyllum Asparagoides.)

SNAKE CUCUMBER (See Cucumis Flexuosus.)

SOLANUM.

A genus of ornamental fruit-bearing plants, some of them among the most interesting of green-house shrubs, while others are remarkable for their fine foliage, and are most useful for groups on lawns, or as single specimens. Treatment same as given for *Coleus*.

Solanum Capsicastrum, or "Jerusalem Cherry." Miniature orange tree, covered all winter with a profusion of scarlet fruit. A very interesting plant for the decoration of the green-house or sitting-room. *Half-hardy Annual.* 1½ ft.....10

— **Hendersonii.** Pear-shaped scarlet fruit.....10

— **Warscewiczii.** A magnificent plant with immense leaves of a deep green color. It attains an average height of six or eight feet, and when planted in masses produces a grand effect.....10



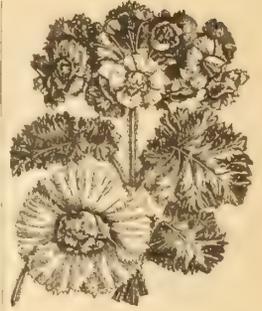
PORTULACA GRANDIFLORA,
FL. PL.
See page 72.



PRIMULA SINENSIS FIMBRIATA.
See page 72.



PRIMULA SINENSIS FIMBRIATA,
DOUBLE.
See page 72.



PRIMULA CRISTATA NANA.
See page 72.



PERILLA NANKINENSIS.
See page 69.



SILENE CARNEA, FL. PL.
See page 73.



SCABIOSA NANA, FL. PL.
See page 73.



SWEET WILLIAM, DOUBLE.
See page 73.



TAGETES SIGNATA PUMILA.
See page 75.



TACSONIA.
See page 75.



TROPEOLUM LOBBIANUM.
See page 76.



TRITOMA.
See page 75.



VERBENA HYBRIDA.
See page 76.



WALLFLOWER, SINGLE.
See page 76.



WALLFLOWER, DOUBLE.
See page 76.



WHITLAVIA.
See page 76.

SPHENOGYNE.

A bright yellow, free-flowering border plant, from South America; useful for beds, ribbon borders, or edgings. Same culture as for Begonia.
Sphenogyne Speciosa, *Hardy Annual*. 1 ft. 5

STATICE.

Exceedingly interesting plants of easy culture. They are all very free-flowering, and remain a long time in bloom, the flowers being valuable for winter bouquets.
Statice Bonduelli, Deep golden yellow. *Half-hardy Perennial*. 1½ ft. 10
 — **Spicata**, Forms a beautiful bouquet of rosy pink flowers. *Annual*. 10
 — **Incana Hybrida**, Fine mixed. *Perennial*. 10
 — **Suworowi**. (See Novelties) 50

STOCKS (German Ten Weeks.)

(Gilliflower.)

Ten Weeks Stocks comprise those varieties which, being sown in spring, flower during the summer and fall. The Pyramidal probably produce more double flowers than any other sort, and its dwarf habit renders it unequalled for bedding-out work. The Wallflower-leaved have glossy foliage distinct from any other class. If the intermediate Stocks are sown at the same time as the Ten Weeks, they will succeed them in bloom, so that the "time of the Stocks" can be greatly prolonged. All the seed we offer is carefully saved from pot-grown plants, 1 to ¼ ft. *Half-hardy Annuals*.
Stock, Dwarf German Ten Weeks, Fine mixed.. 5
 — **Large Flowering**, Choice mixed.. 10
 — **Pure White**..... 15
 — **Purple**..... 15
 — **Scarlet Victoria**, New and fine..... 15
 — **Wallflower-Leaved**, Pure white, very fine..... 15
 — **Purple**..... 15
 — **Crimson**, Very fine 15
 — **Finest Mixed** 15
 — **New Large-Flowered Dwarf Pyramidal**, The most popular stock in cultivation; very finest mixed..... 15
 — **New Giant Perfection**. (See Novelties)..... 25

INTERMEDIATE.

The intermediate stocks are valuable on account of their flowering late in the fall, also as pot plants for early spring blooming, for which purpose the seeds should be sown in July or August. 1½ ft.
Stock, Intermediate, Scarlet..... 10
 — **White**..... 10
 — **Purple**..... 10
 — **Mixed**..... 10

BROMPTON AND EMPEROR

The Emperor, or Perpetual Flower, may be treated in the same manner as the Intermediate Stock; they frequently last several years, if protected from the frost. The Brompton is a biennial of branching habit, producing a grand display when in bloom. 2 ft.
Stock Emperor, or Perpetual, Finest mixed..... 10
 — **Brompton, or Winter**, Finest mixed..... 10

COLLECTIONS OF STOCKS AS IMPORTED.

Large-Flowered Dwarf German Ten Weeks, In six separate colors..... 50
 ————— In twelve separate colors 1 00
Brompton, or Winter Flowering, In twelve separate colors..... 1 00

SWEET PEAS.

Very beautiful, fragrant and free-flowering climbing plants, continuing in bloom all summer; supported by common pea-sticks they form admirable screens for protecting more tender plants or excluding unsightly objects; valuable for trailing on trellis-work, covering rough fences, etc.; 6 ft. *Hardy Annuals*.
Sweet Pea, Scarlet Invincible, Remarkably fragrant, with bright scarlet crimson flowers; an unusually prolific bloomer 5
 — **Striped** 5
 — **Painted Lady** 5
 — **Purple** 5
 — **White** 5
 — **Fairy Queen** 5
 — **Butterfly**, The flowers of this beautiful variety have a pure white ground, delicately laced with lavender blue; it is deliciously fragrant, and will prove exceedingly valuable for bouquets..... 10
 — **Mixed**, All colors; per oz. 15c.; per lb. \$1.00.. 5

SWEET SULTAN.

Per Pkt.
 Showy Annuals of easy culture, very effective in shrubbery borders. *Hardy Annuals*.
Sweet Sultan, Purple, 2 ft. 5
 — **White**, 2 ft. 5
 — **Yellow**, 2 ft. 5
 — **Mixed** 5

SWEET WILLIAM (Dianthus Barbatus.)

A very beautiful class of plants, of extreme richness and diversity of color. The varieties have been greatly improved of late years; 1½ ft. *Hardy Perennials*.
Sweet William, Fine mixed 5
 — **Auricula-Flowered**, Flowers in trusses of immense size and of exceedingly beautiful colors... 10
 — **Double-Flowering**, Finest mixed, from a splendid collection of double flowers (See cut.)... 10

TACSONIA.

(Passion Flower.)

Tacsonia Von Volxemi, This beautiful climber was found in New Grenada. It is a plant that flowers most abundantly, and for almost the whole year; the flowers individually are about five inches in diameter, and of the richest scarlet. *Half-hardy Climber*. (See cut.)..... 25

TAGETES.

Tagetes Signata Pumila, A beautiful delicate fern-leaved plant, forming a compact globular bush, and covered with bright yellow blossoms, with a reddish-brown stripe through the center of each petal. *Half-hardy Annual*. 1 ft. (See cut.)..... 10

TRITOMA.

(Red-hot Poker Plant.)

Tritoma Uvaria Grandiflora, A most interesting plant that ought to be in every garden. The flower-stalk grows to the height of three feet; the flower-spike is about one foot in length, of colors varying from yellow to deep scarlet; giving it somewhat the appearance of a heated bar of iron; hence it is vulgarly called "Red-hot Poker Plant." It continues in bloom from July to October. Grown either singly or in masses it produces a striking effect. (See cut.)..... 25

THUNBERGIA.

Extremely ornamental free-blooming climbers of rapid growth, handsome foliage and much-admired flowers; good for green-house culture or in warm situations out-of-doors. For early flowering sow in sitting-room, hot-bed or green-house from January to April, in an average temperature of 60 degrees, in light, rich soil, in shallow boxes. When the seedlings are fit to handle transplant into similar boxes one inch apart, and plant in the open ground in May or June. Press the seed into the soil with a smooth board and cover lightly.
Thunbergia Alata, Buff, with white eye, 4 ft. 5
 — **Alba**, White, with dark eye, 4 ft. 5
 — **Aurantiaea**, Bright orange, dark eye, 3 ft. 5
 — **Bakerii**, Pure white, 4 ft. 5
 — **Mixed Varieties** 5

TRICHOSANTHES.

Very curious plants, with long, elegant, serpent-like fruit, exceedingly ornamental. *Half-hardy Annuals*.
Trichosanthes Coccinea, A charming climber, with small oval green and white marbled fruit, changing to scarlet..... 10
 — **Colubrina**, Serpent gourd, brilliant carmine fruit, 5 to 6 ft. in length..... 10

TORENIA.

Same cultural directions as for Coleus will here apply.
Torenia Fournierii, The Torenia's are among the prettiest summer plants for vases or hanging baskets, and this variety, although not altogether new, is so distinct and pleasing as to be well worthy of special mention. The flower is sky-blue, dotted with three dark blue spots, has a bright yellow throat, and is an exceedingly free bloomer..... 15
 — **Bailonii**, A new free-flowering sort, bearing golden-yellow flowers that have a brownish-red throat. Entirely distinct from any of the other known sorts..... 25

TROPÆOLUM.

Per Pkt.

Very elegant and beautiful climbers, flowering most profusely; admirably adapted for green-house or conservatory decoration, especially during the winter months; very useful for covering verandas, trellis and rustic-work out-of-doors. *Half-hardy Annuals.*

Tropæolum Lobbianum. Brilliant mixed varieties, 6 ft. (See cut.).....10

— **Spitfire.** Fiery red.....10

— **Brillante.** Fine scarlet.....10

— **Geant des Batailles.** Brilliant carmine.....10

— **Triomphe de Gand.** Orange scarlet, 4 ft. 10

— **Peregrinum.** (See Canary Bird Vine.).....10

TUNICA.

Tunica Saxifraga. A very pretty hardy perennial, with rosy lilac flowers, useful for edging, dwarf beds, or rock-work, ½ ft.10

VALERIAN.

Very showy border plants; will grow in almost any soil. *Half-hardy Perennials.*

Valerian, Red. 1½ ft..... 5

— **White.** 1½ ft..... 5

— **Mixed.** 1½ ft..... 5

VERBENA.

Well-known and universally admired plants; invaluable for summer decoration. Blooming freely the first year from seed. Sow in sitting-room, hot-bed or green-house in a temperature of 60 degrees during the spring, in shallow boxes. Transplant into pots or shallow boxes as soon as fit to handle and plant out in May. *Half-hardy Perennials.*

Verbena Hybrida. Saved from Peter Henderson's splendid collection of the best named varieties. Great care has been taken that this seed should be saved from such as are really good bedding kinds and of attractive colors. Mixed. (See cut.)..... 25

— **Scarlet**..... 25

— **White**..... 25

— **Striped**..... 25

— **Mixed**..... 10

VERONICA.

Very ornamental herbaceous plants. *V. Syriaca*, if sown early, forms an extremely pretty edging for small beds.

Veronica Glauca. Blue, 2 ft. *Hardy Perennial*..... 10

— **Syriaca.** Bright, blue and white. *Half-hardy Annual*..... 10

VINCA.

(Madagascar Periwinkle.)

A genus of beautiful green-house shrubs, which require at all times a high temperature. Should be sown in shallow boxes in hot-bed, house or green-house in not less than 70 degrees, and transplanted into similar boxes when an inch or so high, and planted out for summer blooming in May. Or if sown in August or September will make fine plants for winter blooming.

Vinca Rosea. Rose, with dark eye, 2 ft.10

— **Alba.** White, with crimson eye, 2 ft.10

— **Pura.** Pure white, exquisite.....10

VIOLA.

(Violet.)

A great favorite, deservedly much in demand on account of its profusion of bloom and delightful fragrance. *Hardy Perennial.*

Viola Odorata. (Sweet Violet.) ½ ft.10

VIRGINIAN STOCK.

Extremely beautiful free-flowering little plants for beds, baskets or edgings, growing freely in any soil. *Hardy Annuals.*

Virginian Stock. Red and white mixed; ¼ ft. 10

VISCARIA.

(Rock Lychnis.)

Per Pkt.

Remarkably free-flowering plants, of brilliant colors. *Hardy Annuals.*

Viscaria Cardinalis. An exceedingly showy variety, producing a profusion of magenta blossoms; 1 ft. . 5

— **Oculata.** Pink, with rich crimson eye; 1 ft. 5

— **Picta.** White, with crimson eye, free flowering 5

WALLFLOWER.

A well-known plant, much esteemed for its fragrance. Culture same as given for Antirrhinum. *Half-hardy Perennial.*

Wallflower, Double. Finest mixed, 2 ft. (See cut.)...10

— **Single Mixed.** 2½ ft. (See cut.)..... 5

WHITLAVIA.

Charming Hardy Annuals, with beautiful bell-shaped flowers, growing freely in any soil. (See cut.)

Whitlavia Grandiflora. Violet blue, 1 ft 5

— **Gloxinoides.** An elegant variety, with beautiful Gloxinia-like flowers; corolla pure white, with delicate blue lip, 1 ft. 5

WIGANDIA.

Splendid ornamental foliaged plants, with immense leaves, 3 ft. long by 1½ ft. wide; seed sown early in spring, in hot-beds, will produce fine plants by the middle of summer.

Wigandia Caracasana. 6 ft.25

— **Vigieri.** Superb foliage..... 25

WISTARIA.

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

XERANTHEMUM.

A showy class of Everlastings; the flowers when gathered young, are useful for winter bouquets. *Hardy Annuals.*

Xeranthemum, Double White, 2 ft.10

— **Double Purple,** 2 ft 10

— **Annuum Superbissimum.** The blooms of this new sort are as double as those of a Ranunculus, of globular shape, and entirely free from projecting marginal florets. It is said to be the finest form of Xeranthemum yet obtained; the flowers will, of course, be exceedingly desirable for dried bouquets, etc15

— **Fl. Albo.** The flowers of this new variety are white, equally as double, and of the same globular form as those of the red variety offered above. It should also be more valuable than the red, for the reason that white flowers are always in more request for dried bouquets.15

ZINNIA ELEGANS.

(Youth and Old Age.)

Like Balsams or Petunias, these can be raised to flower by August, if sown in the open ground; but if sown under glass in April, they will bloom in June, and throughout the entire season, making larger and finer plants. Few plants have improved as much as the Zinnia, and we have now dazzling scarlet, yellow, orange, rose, lilac, crimson, and white, rivaling the Dahlia in symmetry. *Half-hardy Annuals.*

Zinnia Elegans, Fl. Pl. Extra choice, double mixed, ½ ft. 5

— **Alba, Fl. Pl.** White, 1½ ft. 10

— **Coccinea Fl. Pl.** Scarlet..... 10

— **Striata Fl. Pl.** Double striped..... 10

— **Haageana, Fl. Pl.** The flower is of a deep orange yellow color, keeping its color when dried, thus rendering it an acquisition for bouquet-making. It is also a good bedding plant, blooming continually till the frost sets in. 10

NEW DWARF ZINNIAS.

A new dwarf section quite distinct from the above. Four distinct sorts as follows:

Zinnia Elegans Pumila Alba Plena. White... 15

— **Salmonea.** Salmon..... 15

— **Coccinea.** Scarlet..... 15

— **Violacea.** Purplish Red..... 15

— **Dwarf Mixed**..... 15

TREES AND SHRUBS.

FOR FALL AND SPRING DELIVERY.—We commence Shipping in Spring about April 1st, and in Fall about November 1st.

Complete Descriptive Catalogue of Fruit or Ornamental Trees Mailed on Application.

FRUIT TREES.

Apples.

Price—Standards, 35c., dwarfs, 50c. each.

Amer. Summer Pearmain,	Northern Spy,
Baldwin,	Peck's Pleasant,
Bough,	Red Astrachan,
Early Strawberry,	R. I. Greening,
Fameuse,	Roxbury Russet,
Fall Pippin,	Seek-No-Further,
Golden Russet,	Spitzenberg,
Hubbardston Nonsuch,	Twenty Ounce,
King of Tompkins,	Wine (English Redstreak),
Newtown Pippin,	Yellow Bellflower.

Apricots.—Price, 50c. each.

Breda,	Large Red,
Early Golden,	Peach.

Cherries.

Price—Standard or Dwarf, 50c. each.

American Amber,	Early Richmond,
Belle d'Orleans,	Early Whiteheart,
Belle Magnifique,	Flemish (Montmorency),
Bigarreau (Yellow Spanish),	Knight's Early Black,
Black Hart,	Mayduke,
— Tartarian,	Morello,
Coe's Transparent,	Ohio Beauty,
Downer's Late,	Reine Hortense.

Crab Apples.—Price, 50c. each.

Large Red Siberian,	Large Yellow Siberian,
Hyslop,	Transcendent.

Nectarines.

Price—On Peach, 35c., on Plum, 50c. each.

Boston,	New White.
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Peaches.—Price, 30c. each.

Cole's Early Red,	Late Red Rareripec,
Crawford's Early,	Mountain Rose,
— Late,	Morris White,
Early York,	Old Mixon, Free,
Foster,	Red Cheek Melocoton,
George IV.,	Susquehanna,
Hale's Early,	Stump the World,
Large Early York (Honest John),	Troth's Early Red,
	Yellow Rareripec.

Dwarf Peaches, (on Plum).—Price, 50c. each.

Crawford's Early,	Large Early York,
— Late,	Late Red Rareripec,
Foster,	Yellow Rareripec.

Pears.

Price—Standards, 75c., Dwarfs, 50c. each.

Bartlett,	Flemish Beauty,
Belle Lucrative,	Lawrence,
Brandywine,	Madeleine,
Beurre d'Anjou,	Rostiezer,
— Bose,	Seckel,
Clapp's Favorite,	Sheldon,
Doyenne d'Ete,	Tyson,
Duchesse d'Angouleme,	Winter Nelis.

Plums.—Price, 75c. each.

Coe's Golden Drop,	Imperial Gage,
Damson,	Purple Favorite,
Green Gage (Reine Claude),	Washington.

Quinces.

Orange (Apple),\$0 50	Champion.....\$0 75
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Flowering Shrubs.

Almond, Double Fl'g....\$0 50	Rose of Sharon.....\$0 25
Berberis, Purple..... 35	Snowball, Japan..... 75
Burning Bush..... 35	Snowball, Common..... 35
Bush Honeysuckle..... 35	Spiraea, ass'd..... 35
Dogwood, Red..... 35	Spiraea, Golden..... 50
Eleagnus longipes..... 50	Syringa (Mock Orange)... 35
Golden Bell..... 25	Strawberry Shrub..... 35
Hydrangea Grandiflora.. 50	Tamarisk, African..... 35
Japan Quince..... 35	White Fringe..... 50
Lilacs, Several Sorts.... 35	Tree Paeonies..... 2 00

Magnolias.

Cordata.....\$1 00	Hypolencia.....\$3 00
Conspicua..... 1 50	Soulangeana..... 1 00
Glauca..... 75	Stellata..... 1 50

Shade and Ornamental Trees.

Ash, White.....\$0 50	Linden, European.....\$ 75
— Golden..... 1 00	Linden, Silver..... 1 50
— Silver..... 1 00	Maple, Norway..... 75
Aspen, Large Amer..... 1 00	— Scarlet..... 75
Beech, Purple leaved... 1 00	— Sugar..... 75
— American..... 50	— Weir's Cut Leaved... 1 00
— Cut-leaved..... 1 00	— Schwedler's..... 1 00
Chestnut, American.... 75	Mountain Ash..... 75
— Horse..... 75	Oak..... 75
— Red Flowering. 1 50	— Royal..... 75
— White..... 1 50	— Purple..... 1 00
Elm, American..... 75	— Golden..... 2 00
— Purple..... 1 00	Poplar, Carolina..... 75
— Wheatley's..... 1 00	Tulip Tree..... 50
Linden, American..... 75	Willow laurifolia..... 50

Weeping Trees (Deciduous.)

Weeping Ash.....\$1 00	Weeping Elm, Camper-
— Beach..... 1 50	— down.....\$1 50
— Cypress, Amer..... 1 00	— Willow..... 1 00
Weeping Elm, Slippery. 1 50	— American..... 1 50
	— Silver Linden..... 1 50

Evergreens.

Arbor Vitæ (Specimen)..\$0 75	Pine, Austrian.....\$0 75
— Hooveyi..... 50	— Scotch..... 0 75
— Compacta..... 50	Retinispora, Golden... 0 75
Fir, Cephalonica..... 1 50	— Silver..... 75
— Nobilis..... 2 00	Spruce, Dwarf..... 1 00
— Siberian..... 1 50	— Conical..... 1 50
Hemlocks, (Specimen)... 75	— Norway, (Specimen.) 75

Weeping Evergreens.

Weeping Arbor Vitæ....\$1 50	Weeping Hemlock.....\$1 50
— Fir, Silver..... 2 00	— Retinispora..... 1 50

Hedge Plants.

Arbor Vitæ, American, 1½ to 2 ft.....	Per 100
— — — 2 to 2½ ft.....	\$15 00
— — — 2 to 2½ ft.....	18 00
Hemlock, 1½ to 2 ft.....	30 00
California Privet, 2 years.....	15 00
Evergreen Thorn, 2 years.....	15 00
Norway Spruce, 1½ to 2 ft.....	35 00

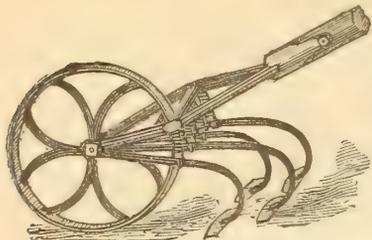
Rhododendrons.

Grafted varieties, with buds (Hardy).....	Each.
— — — without buds ".....	\$2 00
— — — without buds ".....	1 50
Unnamed varieties, without buds.....	1 00

Ghent Azaleas.

Named varieties, (Hardy).....	Each.
	\$1 50

We have only space in this Catalogue for a comparatively small list of garden and farm implements, but we have for sale a large assortment of the latest approved tools and machines used in garden and farm work. These are fully described in our "New Implement Catalogue," which will be ready about January 15th, and which we shall be pleased to send without cost to any applicant.



UNIVERSAL FOUR BLADE HOE.

Indispensable for either Florists or Market Gardeners who plant close, say at from nine to twelve inches; and is among the very best tools lately made; the past season, in our own practice, we used it with the most satisfactory results, and found it most effective, and suitable for general work in our grounds of twenty-five acres in close crop, we believe that the four we have in use save us from \$1000 to \$1200 per annum in labor, than if we did the work with the ordinary fork or scuffle hoes. Besides this, the cultivation is deeper, and in all respects preferable to any kind of hand hoe.—Price \$5.00 each.

THE PLANET JR. GARDEN IMPLEMENTS.

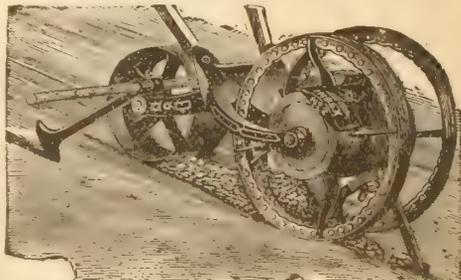
A Complete Descriptive Catalogue illustrated with 40 engravings showing the tools at work, and containing practical instruction in the cultivation of garden and field crops, will be mailed free on application.

The "Planet Jr." No. 2 Drill.

Holds $2\frac{1}{2}$ quarts. It will sow with equal ease and accuracy a single paper of seed or a full hopper, at any desired thickness or depth, opening, dropping, covering, rolling down and marking down the next row, all at one passage, in the most reliable and perfect manner. It has no cams, levers, brushes, cogs, springs, or shakers. It is noiseless, automatic, self-cleaning, and always reliable. It is remarkable for simplicity, strength and beauty, and for ease and perfection of work in the field, and no one having use for such a tool can afford to buy any without such advantages; it is the latest improved and best.—Price \$12.00.

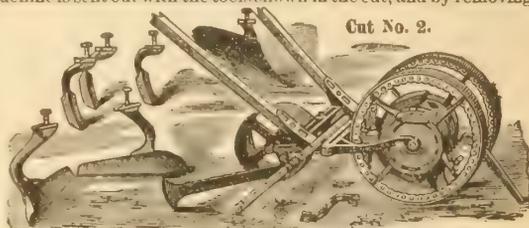
The "Planet Jr." Combined Drill, Wheel Hoe, Wheel Cultivator and Wheel Plow.

As a Drill it is exactly similar and equal to the No. 2, except in size. It holds one quart. As a Plow it opens furrows, covers them, hills, plows to and from, etc. As a Hoe it works safely and closely to and from both sides of the row at once at the critical time when plants are small and weeds abundant, or between rows as plants grow larger, working all rows from 8 to 16 inches wide at one passage. As a cultivator it is admirably adapted to deep mellowing of the soil. The blades are tempered and polished steel. Each machine is sent out with the tools shown in the cut, and by removing the roller and one bolt is ready to be used as a Wheel Hoe, Cultivator or Garden Plow. See Cut No. 2.—Price \$15.00.

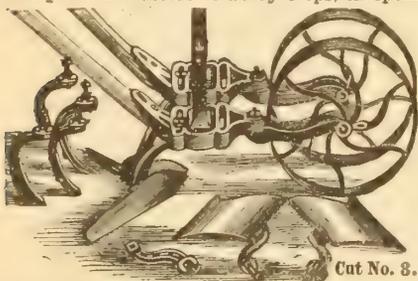


The "Planet Jr." Double Wheel Hoe, Wheel Cultivator and Wheel Plow.

Will do the work of from 6 to 10 men with the common hand hoe among market garden and root crops, nursery stock, etc., and is especially adapted to onion culture. Each one is sent out with all the tools shown in the cut. The hoes cut from 6 to 16 inches wide, and can be used to throw to or from the row, working both sides of the row at once, far closer, faster and better than is possible with the most perfect tool made for hoeing only between rows. The 4 cultivator teeth work well among larger plants, mellowing the soil thoroughly. The plows are useful in weedy crops, in opening furrows



Cut No. 2.

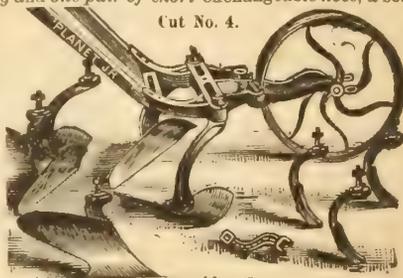


Cut No. 3.

and covering, and in hilling large plants. The wheels are adjustable in height and can beset 7 to 10 inches apart, or for working between crops as a Single Wheel Hoe, at four inches apart. See Cut No. 3.—Price \$10.00.

The "Planet Jr." Single Wheel Hoe, Wheel Cultivator and Wheel Plow Combined.

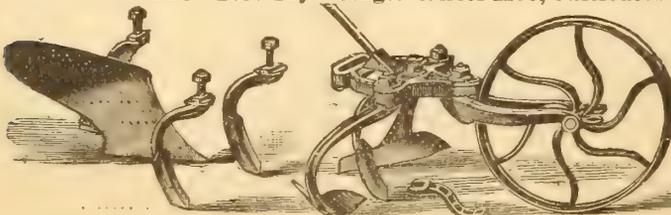
It has one pair of long and one pair of short exchangeable hoes, a set of three reversible cultivator teeth and a steel garden plow. The form of the blades has proved superior to all other shapes, insuring a forward slanting cut next to the plant, and consequent close work without danger. The cultivator teeth, in combination



Cut No. 4.

The "Fire-Fly" Single Wheel Hoe, Cultivator and Plow Combined.

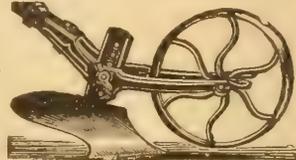
This combines lightness and strength with the greatest adjustability. The tools are all made after the most perfect models, and are first, a pair of admirable hoes which can be set to work to and from the row, and to any desired depth. Next, a set of three reversible cultivator teeth to be used together, or singly, or in conjunction with the hoes. Third, a large and excellent garden plow. The handle is made of stiff iron and



the whole tool is light and strong, attractive in appearance and capable of standing hard usage for years, while the price is its final recommendation. \$4.50.

The Fire-Fly Wheel Garden Plow.

It has a polished steel mold-board, and eyes for attaching a rope in plowing double depth in the spring. It opens furrows for peas, beans, corn, potatoes, etc., and covers them. The tool can be quickly adjusted to work shallow or deep. Price \$3.00.



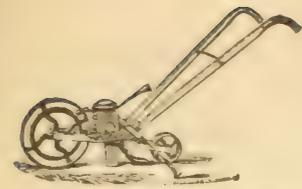
MATTHEW'S GARDEN SEED DRILL.

It is designed for use in field or garden. When in operation, it opens the furrow, drops the seed accurately at any desired depth, covers it and lightly rolls the earth down over it, and at the same time marks the next row. It will sow *beet, carrot, onion, turnip, parsnip, sage, spinach, sorghum, peas, beans, fodder-corn, broom-corn, &c.*, with a certainty, regularity, and rapidity, impossible for the most skillful hand to do.

A valuable feature in this Drill is its patent INDICATOR, with names of different seeds on it, for adjusting the Drill to sow different kinds of seed, which is done by simply turning the Indicator until the name of the seed you want to sow comes to the top. No other drill is furnished with this ingenious device.—Price \$12.00.

Matthew's Seed Drill and Cultivator Combined, \$14.00.
Matthew's Hand Cultivator, \$6.00, (Two Long Hoe Blades Extra, \$1.50.)

EXCELSIOR LAWN MOWERS.



After years of thorough trial and competition with machines of other makes we have found no mower that has proved to be more generally satisfactory than this, and the machines of the Excelsior make which we offer this season contain all the latest improvements that have been devised. While we give sizes of all the machines that we offer, we desire that those intending to purchase will write us for prices, which will be found as low as can anywhere be obtained.



EXCELSIOR SIDE-WHEEL MOWER.

Those wanting a Roller Mower will use no other. We offer six widths of cuts, viz: 10, 12, 14, 16, 18 and 20 inches. Write for special prices.

Boxes for collecting Cut Grass will be furnished with these Mowers when specially ordered. Prices on application.

EXCELSIOR SIDE-WHEEL MOWERS.

These Mowers possess many important advantages over any other Mowers now in use. They have patent Self-Cleaning Gears, which will not clog, are noiseless, and have improved Ratchets, without spring or other parts liable to get out of order. The adjustments are more simple, and these Mowers are without doubt the lightest, most practical, and best Side-Wheel Lawn Mowers ever offered. We offer six different widths of cuts, viz: 10, 12, 14, 16, 18 and 20 inches. Write for special prices.

EXCELSIOR ROLLER MOWERS.

This Roller Mower is lightest in draft, cuts borders better, leaves the lawn smoother, and does more perfect work than any other roller mower in market.

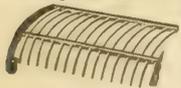


EXCELSIOR ROLLER MOWER.

COLDWELL'S PATENT LAWN MOWER GUARD,

FOR THE PROTECTION OF PLANTS, FLOWERS, SHRUBS, TREES, ETC.

This invention consists of a neat, light and strong Galvanized Spring-wire Guard, which covers the Knives and forms a complete Spring or Cushion for the Mower to strike against. It does not interfere with cutting the Grass. It enables the operator to mow close to Plants, Shrubs, Trees, etc. without the slightest danger of cutting or bruising them. It does away with a large amount of trimming usually done with shears or sickle, and protects the Mower, and especially the Knives, from any possibility of being broken or injured when mowing up to stone or iron vases, curbs, posts, etc. As will readily be seen, the Guard soon pays for itself, and that no Lawn Mower is complete without it. We can supply Guards for any standard Mower. The following is a list of sizes and prices:



NEW EXCELSIOR HORSE LAWN MOWERS.

We invite special attention to the Excelsior Horse Lawn Mower. Its Sectional Caster Wheels do not roll down the standing grass nor leave marks on the lawn. Its Side-Draft Attachment (which is furnished with the three large sized Mowers) allows the horse to walk only on the cut grass. We guarantee this to be the best Horse Lawn Mower manufactured, and to do Perfect Work. We offer four sizes, viz: 25, 30, 35 and 40 inch cuts. Write for prices.



Guard for 10 inch,	\$1.20
" " 12 "	1.30
" " 14 "	1.50
" " 16 "	1.70
" " 18 "	1.90
" " 20 "	2.10

In ordering state size and name of Machine for which Guard is required.

THE CLIPPER LAWN MOWER.

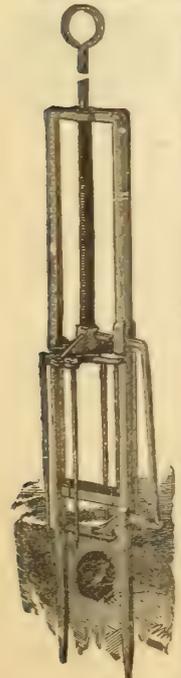
To meet the demand for a Lawn Mower that can be sold at a reduced price and yet work satisfactorily, we offer the New Clipper. It is greatly improved for the coming season. The New Adjustment is very simple, and will be found entirely satisfactory. Ease of Operation, Simplicity of Adjustment and Carefulness of Construction are all fully guaranteed. The Handle and Wood Roller (in rear) are both adjustable. Three widths of cuts, viz: 12, 14 and 16 inches. Write for special prices.



CLIPPER MOWER.

HALE'S PERFECT MOLE TRAP.

Owing to the arrangements for holding the spring, it is easier to set than any other trap, and cannot "startle" or injure the operator while being set. The construction of the trap is such that it will catch moles when quite deep in the ground, and there being no pin or other obstruction projecting into the run, there is nothing to frighten or disturb the mole as it passes, and in doing so raises the ground over the "run" (which always sinks somewhat, just enough to spring the trigger, which must firmly rest on the soil over the "run.") The points of the pins being constantly in the ground, it cannot catch or injure chickens or other domestic animals. Cannot be blown over, or injured in any way by rain or storm, and being made entirely of metal, cannot warp, twist or get out of order, and is light, neat and durable. The ground not being disturbed in any manner, it can be set close to plants without injuring them, and it can also be set touching a wall, fence, etc., without impairing the working of the trap in any way. Price \$2.50 each.

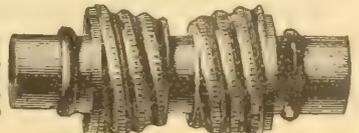


HALE'S MOLE TRAP.

HICKMAN'S HOSE MENDER,

positively self-packing, cannot leak, the most easily applied and best Hose Mender we have ever seen. The damaged hose is cut off, and the end of the tube is inserted into the end of the good hose until the ring has passed in about 1/4 of an inch, the ferrule is then screwed over the hose, and, being tapering causes the joint to tighten the more the hose is pulled.

Price of 1/4 Inch, 20 cents each, \$2.00 per dozen.
" 1/2 " 25 " " " 2.50 " "



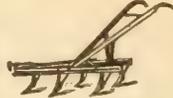
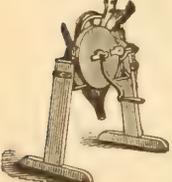
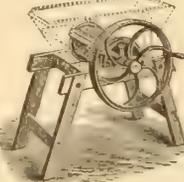
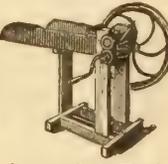
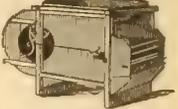
PATENTED, APR. 23 1891

ILLUSTRATIONS OF FARM AND GARDEN IMPLEMENTS.

(SEE PRICES ON OPPOSITE PAGE.)

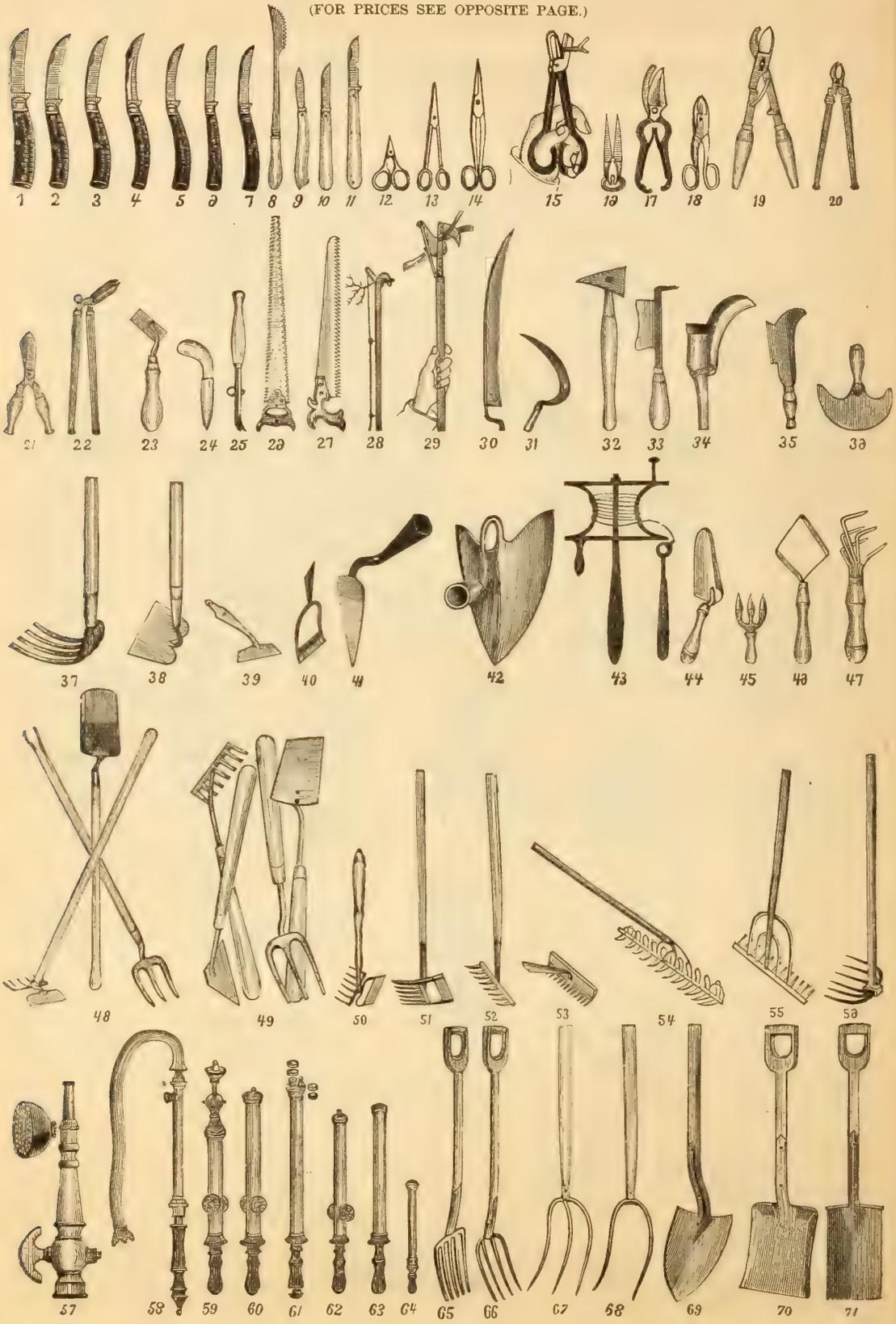
COMPLETE DESCRIPTIVE CATALOGUE MAILED ON APPLICATION.

The following table lists the implements shown in the illustration grid, organized by row and column:

 Cradle.	 Clod Crusher.	 Root Cultivator.	 Jersey Cultivator.	 Orange and Peach Grove Cultivator.	 Cultivator Harrow.
 Wright's Cultivator and Hiller.	 Screw-blade Cultivator.	 Draft Rod Cultivator.	 Draft Rod Cultivator, as a Horse Hoe.	 Draft Rod Cultivator, as a Corn Coverer.	
 Burrell Corn Sheller.	 Clinton Corn Sheller.	 Vegetable Cutter.	 Lever Feed Cutter.	 Copper Strip Feed Cutter.	 Horse Radish and Cocoanut Grater.
 Square Harrow.	 Butterfly Harrow.	 Wheel Harrow.	 Hinge Harrow.	 Grind Stone.	
 Union Cider and Wine Mill.	 Hutchinson's Cider and Wine Mill.	 Hand Corn Mill.	 Corn Mill, Hand or Power.	 Corn and Cob Mill.	 Grant Fan Mill.
 Warrior Mower.	 Roland Plow.	 Force and Lift Pump.	 Miner's Subsoil Plow.	 Single Shovel Plow.	
 Swivel Plow.	 Double Mold Plow.	 Goodall Subsoil Plow.	 Steel Wing Shovel Plow with Back Wheel.		
 Goodall Grub Hook.	 Hose Reel.	 Sack Truck.	 Garden Roller.	 Field Roller.	 Horse Rake.
 Potato Digger.			 Tray Barrow.	 Garden Barrow.	

ILLUSTRATIONS OF GARDEN TOOLS, SYRINGES, ETC.

(FOR PRICES SEE OPPOSITE PAGE.)



GARDEN TOOLS, REQUISITES, ETC.

(Illustrations of Tools, Syringes, etc., on opposite page.)

	Each.		Each.
Bill Hook (Fig. 35)	\$1 50	Saws, Pruning, 14 in., 60c.; 16 in., 75.; 18 in., 85c.; 20 in. (Fig. 27)	\$1 00
Burning Brands, 5 letters or less (4, 3/8 or 3/4 in.) \$1.50; over 5 letters, per letter.	25	Saws, Pruning, Lightning, 16 in.	85
Brush Hook " 34	1 50	" " " 18 in.	1 00
Crowbars, Steel, (5 ft. about 15 lbs.; 5 1/2 ft., 18 lbs.; 6 ft., 21 lbs.) per lb., 8 cts.	75	" " " 20 in.	1 25
Chisels, Grafting " 75		" " " and Chisel	1 25
Cutter, Thistle and Dock " 80		Scythes, Lawn, 30 in., \$1.25; 32 in., \$1.30; 34 in., \$1.40; 36 in., \$1.50; 38 in., \$1.60; 40 in. " 30	1 75
" " with Foot Rest " 1 00		Scythes, Grass " 1 00	
Dibbers " 24	50	" Bush and Weed " 1 00	
Dock Lifter " 25	75	" Snaths " 1 00	
Floral Sets in boxes, Small, 75c.; Large " 49	1 00	" Stones, Eng. Talacre " 25	
" Long Handles " 48	1 50	" Rifles, triple coated " 15	
Forks, Digging 4 prong, \$1.50; 5 prong " 65	1 75	Shears, Border, 8 in., \$2.50; 9 in., \$2.75; 10 in. " 24	3 00
" Manure 4 tine, \$1.00; Extra strong, " 66	1 25	Shears, Border, with Wheel, 50 cts. extra. " 20	2 50
" 5 " \$1.25; " 68	1 50	" Lopping, Medium .. " 20	2 50
" Hay 2 " 50c.; 3 tine " 68	75	" " Large " 3 00	
" Hickory, Stable, 2 tine, 75c.; 3 tine, " 1 00		" " Elyria " 2 00	
" Barley with Bail " 1 75		" Hedge, 8 in., \$2.00; 9 in., \$2.25; 10 in. " 21	2 50
" Hand Weeding " 45	60	" with notch, 25 cts. extra " 18	1 25
Garden Line, Linen, 75 ft. " 50		Shears, Pruning, 4 in., 90c.; 6 in., \$1.00; 7 in. " 17	1 50
" Braided, 75 ft. (Silver Lake) .. " 43	1 00	" " Wiss' Imp'd, Small " 1 75	
" Reels, Small, 75c.; Large " 31	50	" " " Medium " 2 00	
Glass Cutter and Glazing Tool " 31	50	" " " Large " 16	1 25
Grass Hooks (Sickles) Small, (Imported) .. " 60		" Sheep " 13	1 25
" Medium " 75		" Scissors, Grape Thinning, 6 in., \$1.00; 7 in. " 14	1 75
" Large " 50		" Flower Gathering, 6 in., \$1.50; 7 in. " 15	50
" Blood's No. 2 " 50		" Fruit and Flower Picker, Small. " 75	75
Hatchet, Broad, 4 inch, 60c.; 5 inch " 38	75	Shovels, Good Quality, (Long Handles same price.) .. " 70	1 00
Hoe, Draw, 5 in., 50c.; 6 in., 60c.; 7 1/2 in. " 40	1 00	" Ames' 1st quality, " " " " " 69	1 50
" Scuffle, 5 in., 55c.; 6 in., 65c.; 7 in., 70c.; 8 in., 75c.; 10 in., 85c.; 12 in. " 40	1 00	" Round Point, " " " " " 69	1 50
" " Diamond " 42	1 25	" Post Hole (Spoon) " 1 25	
" Warren, Small, \$1.00; Large " 37	1 00	" Patent Steel Wire Potato " 2 00	
" Prong (Potato Hook) " 56	1 50	" Scoop, Medium " 1 50	
" Hexamer's Improved " 41	75	" " Large " 1 75	
" Bayonet " 60		Spades, Good Quality, (Long Handles same price.) .. " 71	1 00
" Onion, 1 prong, 50c.; 2 prong " 51	60	" Ames' 1st quality, " " " " " 71	1 50
" and Rake combined, 4 teeth " 75	75	" Celery, Banking " 1 25	
Hose, Rubber, best 3/4 in., 3 ply, per ft., 18c. " 57	1 75	" Hedge " 1 75	
(In 25 or 50 ft. lengths only.)		" Post, Concave " 1 25	
Hose Nozzle and Sprinkler, 3/4 in., \$1.50; 1 in., " 8	1 50	" Forking " 1 25	
Knives, Asparagus " 7	1 50	" Sub-soil " 1 50	
" Pruning, No. 1 " 7	1 50	" Drain " 1 25	
" " 2 " 5	1 25	" Ditching " 1 75	
" " 3 " 5	1 25	Sulphur Bellows " 63	3 00
" " 4 " 4	2 00	Syringes, No. 00, Barrel 14 in. long " 62	2 50
" " 5 " 3	1 75	" " A, " 13 in. long " 62	4 00
" " 6 " 2	1 75	" " 2, " 13 1/2 in. long " 61	6 50
" " 7 " 1	1 75	" " 4, " 18 in. long " 60	7 00
" Budding " 8 " 11	1 50	" " 5, " 18 in. " 59	9 00
" " 9 " 11	1 25	" " 7, " 18 in. " knuckle joint " 59	9 00
" " 10 " 9	1 25	" Lewis' Insecticide, Zinc " 1 25	
" Hay Lightning " 1 50		" " Brass " 1 75	
" Old Style " 1 50		" Hydronette, Complete " 58	8 00
Straw " 50		" French Bellows " 3 00	
Corn " 50		Thermometers, Japanned, 7 in. 50c.; 8 in. 60c. " 2 50	
Grass Edging, 8 inch " 36	1 25	" " 10 in 75c.; 12 in. \$1. " 1 00	
" 9 " " 1 50		Thermometers, Fancy Wooden, with inlaid tubes, in Boxwood, black or white " 75	
" 10 " " 1 75		Thermometers, Fancy Wooden, Boxwood " Cottage," inlaid tube " 75	
Lawn Sprinklers, Acme No. 1 " 1 00		Thermometers, Cylindrical " 75	
" " 2 " 2 50		Tree Scrapers " 32	75
" " Perfection " 1 00		Tree Pruners, Eagle " 20	2 00
" " Peck's 4 arm revolving " 5 00		" " Waters, 4 ft. pole " 28	2 00
" " 4 arm, with Ball and Basket, " 8 00		" " " 6 ft. " 2 25	
Mole Traps, Hale's " 2 25		" " " 8 ft. " 2 50	
Pencils, Indelible, Red, Blue or Black " 20		" " " 10 ft. " 2 75	
Pick, Railroad, \$1.00; \$1.25; \$1.50 " 1 50		" " " Extra Knives " 25	
" Axe " 1 50		" " " New (Knife goes back with spring.) " 1 50	
" Mattock " 1 50		Trowels, English, 6 in., 75c.; 7 in., 90c.; 8 in. " 41	1 00
Plant Protectors, per doz. \$1.75 " 52	50	" " American, 6 in., 20c.; 7 in., 25c.; 8 in. " 30	
Rake, Steel, Garden, 6 teeth " 52	50	Watering Pots, 1 qt., 30c.; 2 qts., 40c.; 4 qts., 50c.; 6 qts., 60c.; 10 qts., \$1; 12 qts., \$1.25; 16 qts., \$1.75. " 47	25
" " 8 " " 60		" " French, 4 qt., \$1.75; 8 qt., \$2.25 " 47	25
" " 10 " " 70		Weeding Hook, Excelsior " 46	35
" " 12 " " 80		" " Noyes " 23	25
" " 14 " " 90		" " Allan's " 23	25
" " 16 " " 1 00			
" Wooden, Hay, 3 bow " 35	50		
" Broad Hay " 1 25			
" Wooden, Lawn " 50			
" Davis " 54	1 00		
" Daisy " 53	3 50		
Rubber Sprinklers " 1 10			
Sash for Hot-beds, 3x6 ft " 1 25			

FERTILIZERS, INSECTICIDES, ETC.

BLOOD AND BONE FERTILIZER.

We desire to call special attention to this fertilizer, which is prepared especially for us, and which we have sold very largely with the most satisfactory results to all sections of the country. That it has met with such unanimous approval is undoubtedly due to the fact that the article manufactured is pure blood and bone. As a great many of our inexperienced customers frequently make inquiry as to the quantity we use of this fertilizer and how to apply it, we would state that when applied broadcast for such crops as Spinach, Cabbage, Beets, Onion or Celery, from 1 to 2 tons per acre is used, according to the condition of the land. The ground being well plowed the fertilizer is sown on over the surface and then harrowed in thoroughly. For seed beds for Cabbage, Lettuce, etc., the same ratio of quantity is used, applied in the same manner. When, however, this fertilizer is used in rows or in hills for such crops as Celery, Cabbage or Early Corn, from 100 to 200 lbs. per acre will be enough, taking care to have it well mixed with the soil in the rows or hills.

In Bbls. of about 250 lbs., \$3.00 per 100 lbs., or \$50.00 per ton (of 2,000 lbs.)

Pure Crushed Bone. A coarse article, particularly well adapted for use in the preparation of grape vine borders; perfectly pure. In bbls. of about 250 lbs., \$3.00 per 100 lbs., or \$50.00 per ton of 2,000 lbs.

Pure Bone Meal. This Bone Meal is ground very fine, and is well adapted for mixing with soil for potting purposes, for which one part of meal to fifty of soil is about the right proportion. It is the same article we use for mixing with moss in our "Moss Mulching" process, and it is the best for top-dressing lawns. Price, per 5 lb. package, 50 cts.; per 10 lb. package, 80 cts.; per 25 lb. package, \$1.50. Quantities of 50 and 100 lbs. and over, at 4 cts. per lb.; or \$60.00 per ton of 2,000 lbs.

Pure Ground Bone. This is coarser in appearance than the above, and adapted for general fertilizing purposes. The sample we offer is of very fine quality and quite pure. In bbls. of 200 lbs., \$5.00 per bbl., or \$45.00 per ton of 2,000 lbs.

Peruvian Guano. 25 lbs. for \$2.00. Per bag of 200 lbs., 4 cts. per lb. Price per Ton, on application.

INSECT DEATH POWDER.

We have used the **Insect Death Powder**, for the past two years in our Green-house Department, and have found, when applied by the "**Excelsior Insect Powder Gun**," nothing so effective in destroying Caterpillars, Rose Bugs, Slugs, Green-fly, Ants and Thrip, and nearly all other insects attacking plants, whether inside or out. It is also equally effective in destroying Cock Roaches, Red Bugs, Red Ants and other insects infesting dwellings. Being composed entirely of vegetable ingredients, it in no way injures plants, and rather tends to fertilize than otherwise. Price, 10 cts., per oz.; 25 cts., per 1/4 lb.; 75 cts., per lb.

THE EXCELSIOR INSECT POWDER GUN.

Specially adapted for applying the above mixture. (See cut.) Of this we offer three sizes, viz.

Holding, 2 oz.....	25 cts., each.
" 4 oz.....	35 "
" 8 oz.....	50 "

Mildew Mixture. A sure preparation for destroying mildew. For use, apply a wineglassful of the mixture in four gallons of water, and apply with a syringe on the leaves twice a week until the mildew disappears. Per Pint bottle, 75 cts.

Cole's Insect Destroyer. We have now given this a thorough test in our green-houses, and find, when applied by the atomizer—such as is used by barbers—that it instantly destroys Mealy Bug and Red Spider, without injuring in the slightest the most tender plants. Price of half-pint bottles, 75 cts. each. Price of Atomizers, 75 cts. each.

Whale Oil Soap. 2 lb. packages, 35 cts.; 5 lb. box, 80 cts.

Gishurst Compound. Price per box, \$1.00.

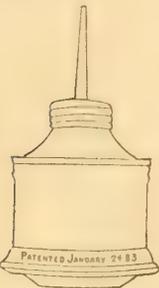
Jacques' Sapo Tabacum, or Tobacco Soap. Price, 50 cts. per lb.

White Hellebore. Price, 50 cts. per lb.

Persian Insect Powder. Price per 1/4 lb., 50 cts.; per lb., \$1.50.

Tobacco Dust. Price, 10 cts. per lb.; per 100 lbs., \$7.50.

In bales of 100 lbs., \$4.00.



THE INSECT GUN.

Tobacco Stems. In bales of 100 lbs., \$4.00.

Sulphur (Flowers of). 15 cts. per lb.; per 25 lbs., \$2.50.

Horace's Tobacco and Hellebore Insecticide. In patent bellows boxes, 25 cts. each.

Paris Green. In 2 and 5 lb. boxes only, at 25 cts. per lb.

STAKES, LABELS, TYING MATERIAL, &c.

Round Green Tapering Stakes, 1 1/2 feet, per 100.....	\$1 50	Square Green Tapering Stakes, 1 1/2 feet, per 100.....	\$1 25	Round Green Stakes with White Tops, 2 feet, per 100.....	\$4 00
2 do do.....	2 50	2 do do.....	1 50	3 do do.....	6 00
2 1/2 do do.....	4 00	3 do do.....	4 00	4 do do.....	7 50
3 do do.....	5 00	4 do do.....	5 00	5 do do.....	9 00
3 1/2 do do.....	6 00	5 do do.....	6 00	6 do do.....	10 00
4 do do.....	7 00	6 do do.....	8 00		
5 do do.....	9 00				

(Any quantity at same rate.)

Cane or Bamboo Stakes, average length from 6 to 9 feet, per 1,000 \$6.00, (in bundles of 500 only.)

WOOD LABELS.

4 inch..... per 100, 15c.; per 1,000, 75c.	8 inch..... per 100, 50c.; per 1,000, \$4 50	3 1/2 in., pierced, per 100, 15c.; per 1,000, 75c.
5 inch..... per 100, 20c.; per 1,000, \$1 00	12 inch..... per 100, 65c.; per 1,000, 5 50	
6 inch..... per 100, 25c.; per 1,000, 1 50	3 1/2 in. notched, per 100, 15c.; per 1,000, 75c.	

WOOD LABELS (PAINTED WHITE.)

Pierced Tree..... 2 1/2 x 1 1/2 inches, per 100, 15c.; per 1,000, 80c.	Pot..... 5 x 3/4 inches, per 100, 25c.; per 1,000, \$1 25
" "..... 3 1/4 x 3/4 " " 20c.; " 1 00	" "..... 6 x 5/8 " " 30c.; " 2 25
Notched "..... 3 1/2 x 5/8 " " 20c.; " 1 00	" "..... 8 x 1 " " 75c.; " 6 00
Pot..... 4 x 5/8 " " 20c.; " 1 00	" "..... 12 x 1 3/8 " " \$1.00 " 8 00

MISCELLANEOUS.

Archangel Mats.....	5x7 feet, each 75 cts	per doz., \$7 50
Cuba Bast for Tying.....		per lb., 75c.
Raphia for Tying.....		per lb., 75c.
Grafting Wax.....		per lb., 40c.



NEW TEA ROSE
"Sunset"
—

INTRODUCED BY
PETER HENDERSON
35 & 37 CORTLANDT ST. NEW YORK.

See New and Rare Plants in this Catalogue for prices and description.

PREFACE

—TO—

PLANT CATALOGUE.

In presenting our Plant Catalogue for the season of 1884, we beg to call the attention of our customers to a few points which may be of interest and value to them. Prominent among these is our liberal offer of the "*Novelties of the Season*," as well as the older varieties, in collections, at *low rates*. (See page 98.) Many of the novelties, which are now offered for the first time, are controlled by us exclusively, and cannot be procured elsewhere. As instances we would mention the grand "Sunset" Rose, the new Double Abutilon, Verbena "America," Dwarf Feverfew "Little Gem," and many others.

Another feature is the engravings of flower beds, and estimates for filling the same, to be found near the end of this catalogue.

A New Book.—Our very liberal offer of Mr. Henderson's new book, "Garden and Farm Topics," (price, \$1.50.) on all orders of \$5.00 and upwards, we again refer to. How to obtain it will be found fully detailed in the introductory pages of this manual.

Our Plant Department three years ago embraced 120,000 square feet of glass. During the season of 1882, over 1,200 sashes were added, so that to-day our Plant Department covers nearly *four acres sash in glass*, probably double in extent that of any other establishment on this Continent. Our green-houses being arranged so that they can be graded to any temperature, the most perfect health and vigor possible are given to the Plants, and with these unsurpassed advantages we are able to compete with any in the matter of prices.

Plants for Export.—Our trade now extends far beyond the confines of our own continent, our goods being sent to all parts of the globe. This export business has with us reached such proportions that we pay special attention to all such orders, giving particular care to the packing and forwarding.

Forwarding of Orders.—We send *Plants* by mail (at Catalogue prices) if desired, but earnestly advise that wherever there is an Express office, Plants should never be sent by mail, as we not only send larger and finer Plants when sent by express, but they arrive in better condition, and we always add enough, gratis, to cover express charges. It will also be to the interest of purchasers to leave the selection of varieties to us, as it is difficult to judge of the merits of varieties by descriptions.

Packing.—No charge is made for boxes, baskets, or packing, and all goods are delivered at express or freight offices in New York free of charge. Our system of packing is so complete that we now ship *every day*, no matter how cold or how hot the weather may be, and during the season of 1883 we averaged only one complaint in about every four hundred orders.

We Guarantee safe delivery of all *Plants* or *Seeds* when sent by mail or express, but all *Plants* sent by freight are entirely at the risk of the purchaser. Complaints, however, must be made at once on receipt of goods. We will not hold to our guarantee if, a month after, from inattention or other causes, *Plants* have failed, and complaint is then made.

Our Gardens in Jersey City are within forty minutes' time, by Ferry Boat and Horse Cars, from our Seed Stores, 35 and 37 Cortlandt Street, New York, where a card with plain directions of "How to reach the Nursery" will be given to any one applying.

Parties wishing to see Peter Henderson personally will find him at the Green-houses till 12 M., and at his office in New York from 1 to 3 P. M.

We Sell No Cuttings.—Every season we are applied to for cuttings. We sell no cuttings, long experience having shown us that the plan is a bad one for both buyer and seller. When cuttings are packed they generate a damp that is almost certain to destroy them before they would root; and to us who sell it would really be more trouble to detach and pack cuttings than to send plants. To such as want small plants at low rates, we refer to Index for LOW PRICE LIST.

The Best Dozen.—From both amateur and professional cultivators we have complaints everywhere the practice is to grow too many varieties, so that the selection of the "best" from catalogues is impossible even by those best qualified to do so. To help such, we have selected what in our judgment are the 12 "best and most distinct" kinds, whether new or old; for many of the sorts of ten and even twenty years ago are yet unequalled. "The best dozen" embraces *Monthly and Hybrid Pansies*, *Roses*, *Double and Single GERANIUMS*, *VERBENAS*, *FUCHSIAS*, *CARNATIONS*, *Large Flowering and Bouquet DAHLIAS*, *Large and Small Flowering CHRYSANTHEMUMS*, *CANNAS*, *CROTONS*, *Fancy CALADIUMS*, *COLEUS*, *LANTANAS*, *FERNS*, etc. See Index.

Treatment of Plants when Received.—When plants are sent by mail, nearly all the soil is shaken off to lighten. If it is the season when they can be planted out doors, the ground should be first well dug up and pulverized; the plants when set out should be well firmed about the root, copiously watered once only when planted, and shaded for two or three days when the sun is out. No further watering should be done, but a mulch of moss, manure, or leaves around the roots would be beneficial. When received (by mail) at a season when they cannot be put out, they should be placed at first in as small pots as possible, and sparingly watered until they show signs of a new growth. If by express, the plants are usually in such condition as to require a size larger pot than they have been growing in.

Soil is not of so much importance as is usually supposed. When practicable, about three parts rotted sod from any good pasture land is best, to one part rotted manure; but when that cannot readily be obtained, the soil immediately underneath the sod, mixed with manure, will answer.

Drainage.—When plants are first potted, or are cramped in small pots, there is no necessity for drainage; but as the practice with amateurs is almost universal to overpot plants, as a measure of safety, from one to two inches of broken charcoal or potsherds should be placed in the bottom of all pots over six inches in diameter, and what is even of more importance than this "crocking," so-called, is to have the plants set on a rough surface of gravel or fine cinders, so that a free escape of water can take place.

Moss Mulching.—This is a new practice we began in 1880. It consists in mixing the common moss of the swamps or woods with about one-twentieth of its bulk of bone dust. This is placed to the thickness of an inch or two on the top of the pot. Plants so treated quickly show surprising health and vigor. It cannot be too highly recommended, whether for the amateur growing a few window plants, the gardener with his full appointed green-houses, or the florist who grows to sell—to one and all we advise it, as it not only lessens labor, saving a re-potting of plants frequently for twelve months, but the vigor of growth and productiveness of flower and coloring of foliage are perfectly astonishing. The Moss Mulching process should only be done in summer. If used in winter there is danger of the plants getting too damp.

Insects.—The insects that infest Green-house Plants are principally the Aphis or Green Fly, the Thrips, the Red Spider, and the Mealy Bug. Tobacco, either in the form of snuff or in solution—about the color of strong tea—or by smoke, by burning the refuse stems, in either way is quickly fatal to the green fly, and will check, in part, the thrips. Either of the first two methods is most suitable for plants in rooms, but in the green-house the smoke is most convenient, using about one pound of the stems to every 1,000 square feet of glass, once a week or oftener. For Red Spider and Mealy Bug, Coles' Insect Destroyer, put on with a barber's atomizer, is a certain remedy; or they may be sponged off with weak soapsuds.

Mildew.—This great scourge of Roses under glass is easily checked by painting the hot-water pipes with a wash of Sulphur once in two weeks; or when not firing, use the Mildew Mixture. (See Index.)

Heat, Light, Air, and Moisture.—The temperature of the air for most plants in the winter season at night should not exceed 55°, and it will do no harm if it occasionally falls to 45°, with from 15° to 20° higher in daytime. **LIGHT** should be given, whenever it can, directly on the plants from December to April; if it cannot, as in Window culture, the next best thing to do is to turn the plants occasionally, so they get an equal share on all sides. **AIR**, or **VENTILATION**, is guided by temperature to be kept, but should never be given so as to blow directly on the plants. **MOISTURE.**—Plants should never be watered unless the soil indicates by its lightness of color that it is dry, and then they should be watered freely. This will be necessary two or three times a week in clear weather in winter; in spring or summer, nearly every day. If a plant is sickly, or shows but little sign of growth, the remedy is to withhold water, almost to the point of shriveling, until it shows indications of growth. Avoid all fertilizers in such cases, and let Nature work out her own cure.

Shading the Glass.—The best shading we have ever used is naphtha, mixed with a little white lead, so as to give it the appearance of thin milk. This can be put on the glass with a syringe very quickly, at a cost not exceeding 25 cents per 1,000 square feet. It holds on the entire season until loosened by the fall frosts, which is, for most plants, just the time for it to be taken off.

Water.—If practicable, give plants one good soaking after planting in the open ground, which will be all they will require, unless in the case of long-continued dry weather, when, if again necessary, the watering must be thorough—sprinkling is of little or no use.

Winter-Flowering Plants.—The increase in the taste for winter-flowering plants within the past five years has been even more positive than that for the cultivation of plants out of doors. Formerly it was rare for florists to fill an order in the fall, but now, during the months of October, November, and December, they make shipments daily in large quantities to every section of the country; and these nearly equaling in number those of plants for the open ground in May and June.

ROSES.

The steadily growing taste and demand for fine Roses induces us to give them the most prominent place in our Plant Department. In Roses, as in all other classes of plants where there are a great number of varieties, we will endeavor to offer *only the best*, discarding all but the finest and most distinct. We divide our Tea, or ever-blooming Roses, into three sections or series, graded according to their newness or scarcity. Series 1 comprises the newest varieties—all, however, of tested merit. Series 2 contains kinds that have been out for some years, but whose great merit makes them still largely in demand. Series 3, or general collection, is a list of the finest older varieties, many of which are equal to the newer kinds, and to many would be just as satisfactory. Hybrid Perpetuals we place in only two classes—Series 1 and Series 2—because of their being more limited in the number of varieties.

A Great Advantage.—New York florists have a great advantage over others located elsewhere, because the facilities for the importation of novelties at this point are unequalled, and *it is an acknowledged fact*, that the Rose-growing and general florist business is done on a larger scale and with greater perfection around New York than in any other locality in the United States. Being the great center of wealth of the country, its exacting taste demands *only the choicest*, grown to the greatest perfection.

Sizes.—We are the only extensive Rose-growers who offer Roses in *different* sizes. This gives purchasers the opportunity of procuring a plant of large size which will make a show at once, or smaller plants at prices which place them within the reach of all.

How we Grow our Roses.—Nearly all florists and Rose-growers in this country propagate their entire stock in September and October. This compels them to force them along all winter so as to get them of sufficient size to sell in the spring. The effect of this forcing is shown when they are planted out in the spring, by a feeble, sickly growth or total loss. We propagate our Roses in June, July, or August, which enables us to grow them to a good size by fall, when we store them away in *cold* green-houses until sold in spring. Roses thus treated have their natural season of "rest," and invariably do well when set out in spring.

DIFFERENT CLASSES OF ROSES.

THEIR HARDINESS AND GENERAL CHARACTERISTICS.

Monthly or Ever-Blooming.—These are undoubtedly the most satisfactory, as they bloom continuously from the time they are set out until frost. They are not hardy, however, north of Maryland, requiring a good covering of straw or leaves, which should be put on about December. This should not be removed until all danger from severe frost is over in the spring. They should then be pruned well back, which keeps the plant shapely and induces stronger shoots.

Hybrid Perpetuals.—These are perfectly hardy, but do not bloom, as their name would indicate, perpetually, as they only give one profuse bloom in June and an occasional bloom throughout the summer.

Hybrid Teas.—See page 91.

Noisette or Climbing Monthly.—Of all Roses these are the least hardy. They should never be planted out of doors north of the Carolinas, although in the far South, where they will live out the year round, they are grand. They are nearly all well adapted for green-house culture in any climate.

Climbing Hardy.—These need no description, as every one is familiar with the old-fashioned hardy climbing Roses that flower in June.

Moss.—Like the Hybrid Perpetuals, they are perfectly hardy. Their exquisite beauty and fragrance make them great favorites. Moss Roses are always higher priced than any other kind, being harder to propagate.

New Tea Rose, "Sunset."

The colored plate shown in this catalogue is a good representation of this most beautiful new Rose, although it fails to give the richness of coloring peculiar to the natural flower, which, in many of its shades, can best be described by comparing it to the brilliant tints of some of our summer sunsets. It was the resemblance to such that first suggested the name we have given it.

The "Sunset Rose" originated with us in the winter of 1880, a shoot from a plant of *Perle des Jardins*. We only secured one cutting, which, fortunately, has held its distinctive character without a variation for four years. It is now for the first time offered for sale, not a plant having been sold previous to January 1st, 1884. It will, no doubt, be hailed with delight by every one interested in roses, as it is identical in every respect with that hitherto unequaled Rose, *Perle des Jardins*, except that its color, instead of being a canary yellow, as in that variety, is of the rich tawny shade of saffron and orange, similar but deeper than the coloring of *Safrano* or *Md. Falcot*. In size, vigor, and productiveness it is in all respects the same as the variety from which it sprung, except that the color of the young foliage is of a much deeper crimson, which contrasts beautifully with the orange-tinted saffron flowers. We have no Rose in our collection which shows such a deep tint of crimson in the foliage. It is a marked and valuable characteristic in this new Rose.

As a new color for winter forcing it will be as largely grown as *Perle des Jardins*, if not more so, as the peculiar richness of shade is much prized. The few buds we have had to offer this winter sold at just double the price of "Perle." It will be equally valuable as a summer-blooming Rose out doors. Any one that has seen the rich tints of the old *Safrano* Rose buds, when grown out doors, can form some conception of what "Sunset" must be, which is perfectly double, of fine form, richer tinted, and twice the size of *Safrano*. "Sunset," from its being full and double, gives excellent buds, even in the hottest weather, when semi-double Roses, such as *Safrano*, *Bon Silene*, etc., are nearly worthless.

Our plants are in the very best possible condition of health and vigor, and our stock is large enough, we trust, to supply even the large demand that is certain to be made for it.

PRICES FOR STRONG PLANTS.

In 2½ inch Pots,.....	\$1 50 each,	\$15 00 per dozen.
" 3 " "	2 00 "	21 00 " "
" 4 " "	3 00 "	30 00 " "



TEA ROSE, "NIPHETOS."

TEA ROSE, "Niphetos."

This is the White Rose par excellence. Color of the purest white; large, full, fragrant. It grows dwarf and compact, and flowers in great profusion, nearly every shoot producing a bud. It is now grown almost exclusively as being the best White Tea Rose, either for winter or summer. Ever in bloom, and possessing all the qualities in a Rose. (See cut.)

1st size,	50 cts. each;	\$4.50 per doz.
2d "	30 " "	3.00 " "
3d "	20 " "	2.00 " "

HYBRID TEA, "Duke of Connaught."

This is now the most widely-known of all the Hybrid Teas. The buds and expanded flowers attain an enormous size, and are a brilliant shade of dark crimson; very free flowering.

1st size,	\$1.00 each;	\$10.00 per doz.
2d "	50 " "	4.50 " "
3d "	30 " "	3.00 " "

Included in set of 10 varieties. (See page 91.) 1st size, 4.00; 2d size, \$2.50.

TRUE ENGLISH SWEET BRIAR, or EGLANTINE.

This is the well-known Rose of the English Gardens and hedge rows. The delicious fragrance of the leaves makes it familiar to all who have been in Europe. Perfectly hardy. Price, 25 cts. each; \$2.00 per doz.; for hedging, \$10.00 per 100.

HYBRID TEA ROSE, "La France."

We have a very large and fine stock of this superb Rose, which every year becomes more popular; flowers large and beautiful either in the bud form or when expanded; peach color, shaded pink and silvery rose. (See cut, page 92.)

Extra size,	\$1.00 each;	\$10.00 per doz.
1st size,	60 cts. each;	\$6.00 per doz.
2d "	30 " "	3.00 " "
3d "	20 " "	2.00 " "

NEW STRIPED TEA ROSE, "American Banner."

One of the most wonderful novelties, in our opinion, that has ever occurred among plants. Color bright carmine, striped and slashed with white. It ever remains constant in its striped character, as has been well proven. It is of an exceedingly free-blooming character, every shoot producing a bud, whether planted in the open ground or grown for winter flowers. 50 cts. each; \$4.50 per doz.

CATHERINE MERMET.

One of the most valued Tea Roses; color clear rosy pink; very large pointed buds. Full double and fragrant. A splendid rose for either summer or winter blooming. (See cut, page 92.)

1st size,	50 cts. each;	\$4.50 per doz.
2d "	30 " "	3.00 " "
3d "	20 " "	2.00 " "

SEE DESCRIPTION OF NEW TEA ROSE, "SUNSET," PAGE 88.

NEW CRIMSON TEA ROSE, "Andre Schwartz."

Flowers of medium size and very freely produced, color dark violet crimson. It is claimed by the introducers that this variety will fill the long-felt want of a dark red Tea Rose during the winter months. If it sustains the merits claimed for it, it will be invaluable.

1st size, \$1.00 each; \$9.00 per doz.
 2d " 75 " 7.50 " "
 3d " 50 " 4.50 " "

YELLOW TEA ROSE, Md. Ched-Guinessau.

This is one of the most promising of the new Roses; color bright canary yellow; buds pointed and of good size and substance. It will be a fine forcing variety, as it is a great improvement on Isabella Sprunt, which it somewhat resembles. Fine tea fragrance.

75 cts. each; \$7.50 per doz.

NEW HYBRID TEA ROSE, Md. Alex. Bernaix.

This superb new variety has full globular flowers of delicious fragrance; color dark rosy pink.

75 cts. each; \$7.50 per doz.

NEW HYBRID TEA ROSE, Md. Angele Jacquier.

Very double, long pointed buds; color rosy carmine shaded shell pink.

75 cts. each; \$7.50 per doz.



NEW TEA ROSE, "RED SAFRANO."

NEW TEA ROSE, Red Safrano.

Similar to the well-known buff-colored variety, Safrano, except in color, which is a bright shade of dark carmine. Long pointed buds. (See cut.)

1st size, 60 cts. each; \$6.00 per doz.
 2d " 30 " " \$3.00 " "

NEW HYBRID TEA ROSE, Md. Cusin.

Color rosy purple, base of petals white. A strong grower and profuse blooming variety.

\$1.00 each.

NEW HYBRID TEA ROSE, Camoens.

Large flower of a bright, silvery pink color, shaded with yellow. A very profuse bloomer.

50 cts. each.

NEW TEA ROSE, Miss Edith Gifford.

This beautiful new Rose comes to us highly recommended: color white with flesh colored center. Buds large, full, and fragrant.

\$1.00 each.



POLYANTHA ROSE, "MIGNONETTE."

POLYANTHA ROSE, "Mignonette."

This variety represents a class of Roses that will prove of much value for bedding purposes, as they form a mass of bloom. They are of a dwarf habit, and are continuously in bloom during the entire season. The flowers are produced in clusters, and are unique and beautiful; dark pink, and about 1½ inches across. (See cut.)

1st size, 50 cts. each; \$4.50 per doz.
 2d " 25 " " \$2.25 " "

POLYANTHA ROSE, Anne Marie Mont-ravel.

Similar to the above, but with pure white flowers.

75 cts. each; \$7.50 per doz.

NEW HYBRID BOURBON, Md. Isaac Periere.

A new dark crimson variety; distinct, full, and fragrant.
30 cts. each; \$3.00 per doz.

HYBRID PERPETUAL ROSE, Crimson Bedder.

A grand Rose of English origin; very large and double; color a bright dazzling crimson. A great bloomer in winter or summer.

75 cts. each; \$7.50 per doz.

NEW TEA ROSE, Dr. Berthet.

Rich silvery rose, changing to rosy carmine; large and double; very fragrant.

40 cts. each; \$4.00 per doz.

HYBRID PERPETUAL, Mr. Alfred Carriere.

French white shaded silvery rose color; flowers good sized, full, and fragrant. A free bloomer and hardy.

30 cts. each; \$3.00 per doz.



YELLOW TEA ROSE, "ETOILE DE LYON."

NEW YELLOW TEA ROSE, Etoile de Lyon.

Habit of plant, strong and handsome; flowers large and double, of a beautiful light canary color. (See cut.)

1st size, 75 cts. each; \$7.50 per doz.

2d " 50 " " 4.50 " "

3d " 30 " " 3.50 " "

BOURBON ROSE, "Queen of Bedders."

A splendid variety, with flowers of a bright dark crimson color. It is not much used for cut flowers, as its buds are not pointed enough, but for bedding singly or in masses it is superb. It is probably the freest summer flowering Rose known. It literally covers itself with flowers, every shoot being a cluster of dazzling bloom.

1st size, \$1.00 each; \$10.00 per doz.

2d " 50 " " 4.50 " "

NEW NOISETTE ROSE, W. A. Richardson.

A rapid-growing climbing variety. Flowers a very rich copper color. 50 cts. each; \$4.50 per doz.



HYBRID TEA, "PIERRE GUILLOT."

HYBRID TEA, "Pierre Guillot."

This is perhaps the best of all the Hybrid Teas. It produces its large, beautiful buds on strong upright stems, and shows none of that weakness in the stem that detracts from some others of this class; color bright dark crimson, with rich Hybrid Perpetual fragrance; very profuse. (See cut.)

1st size, 50 cts. each; \$4.50 per doz.

2d " 30 " " 3.00 " "

NEW CLASS OF ROSES, "Hybrid Tea."

The introduction of this new section of Roses has created a great sensation and marks a new era in the history of the Rose. As the name indicates, these varieties are obtained by crossing the Tea or ever-blooming varieties with the Hybrid Perpetuals. The results of this hybridization are a race of Roses which combine, to a great extent, the free-flowering qualities of the Teas with the richer colors, larger size, and exquisite fragrance of the Hybrid Perpetuals. All are hardy in the latitude of New York.

Beauty of Stapleford. Light pink, deep rosy center.

Duchess of Westminster. Color bright cerise pink; large, full, and fragrant.

Duke of Connaught. (See special description, page 91.)

Jean Sisley. Bright pink shaded rosy lilac; very distinct.

Nancy Lee. Dark silvery rose color; exquisite fragrance; very free flowering.

Michael Saunders. Flowers very large and of fine form; bronzy pink; fragrant.

Pearl. Light flesh color; fine shape.

Viscountess Falmouth. Pink and rose color.

Md. Etienne Levet. Vivid crimson; very profuse and fragrant.

Pierre Guillot. (See special description.)

1st size, 50 cts. each; \$4.50 per doz.

2d " 30 " " 3.00 " "



HYBRID TEA ROSE, "LA FRANCE."



YELLOW TEA ROSE, "PERLE DES JARDINS."

YELLOW TEA ROSE, "Perle des Jardins."

No Rose ever cultivated for cut flowers up to the present time is now so valuable as this. Tens of thousands of it, covering many acres in glass, are now grown in the vicinity of New York for winter flowering; it is equally valuable for summer, as it flowers continuously. Its color is a rich shade of yellow, large size and perfect form, tea fragrance, a healthy, free grower, and unequalled in profusion of bloom, either in the green-house in winter or in the open ground in summer. We grow 50,000 plants of this variety alone each season, and can supply for rosaries in quantity plants of all sizes at special rates. The cut represents the average size. (See cut.) It is the prototype of the new Rose "Sunset." (See page 88.)

1st size,	\$1.00 each;	\$9.00 per doz.
2d "	.75 "	6.00 "
3d "	.30 "	3.50 "
4th "	.15 "	1.50 "

For descriptions and prices of "La France" and "Catherine Mermet" see page 89.



CATHERINE MERMET.

SEE DESCRIPTION OF NEW TEA ROSE, "SUNSET," PAGE 88.

EVER-BLOOMING ROSES.

SERIES I.

Andre Schwartz. (See page 90 for price and description.)

Anna Oliver. Creamy blush, shaded with carmine; very large, full, and fragrant.

American Banner. (See special description, page 89.)

Clement Nabonnand. Outer petals rosy lilac, inner ones golden yellow; free-flowering and fragrant.

Camoens. (See page 90 for price and description.)

Crimson Bedder. (See page 91 for price and description.)

Comtesse Riza du Parc. A grand rose; vigorous; color bright coppery rose, shaded violet crimson.

Chas. Rovolli. One of our favorite varieties; color a beautiful carmine changing to silvery rose; base of petals clear yellow; an incessant bloomer, full and very fragrant

Duchess of Edinburgh. Intense dark crimson; very brilliant and beautiful; flowers large, fragrant, and produced freely.

Etoile de Lyon. (See page 91.)

Innocent Pirola. Flowers white, large, full, and double; finely shaped, long-pointed buds; valuable for either summer flowering or winter forcing.

Jules Finger. Full and finely formed; color bright rosy scarlet, shaded with intense crimson; very fragrant, vigorous, and free.

La Nuancee. Fine salmon rose, tinged copper color; sweet tea fragrance; very distinct.

La Tulip. White, tinged rosy lilac; large, and fragrant.

Letty Coles. A grand summer Rose; color soft rosy pink, intense crimson in the center, globular.

Mignonette. (See page 90.)

Mme. Barthelemy Levet. A free-blooming, strong-growing variety, bright canary-colored flowers.

Mme. Capucine. This is used to some extent as a fine winter-forcing variety; dark orange color, tinged apricot; a great bloomer, but weak grower.

Mme. Welch. Large and double, apricot yellow shaded dark orange red; strong habit, free flowering, and an extra fine Rose in every way.

Mme. Lambard. Extra large and full, exquisite fragrance, beautiful rose-color tinged salmon and buff, reverse of petals crimson.

Id. Ched-Guinesseau. (See page 90 for price and description.)

Miss Edith Gifford. (See page 90 for price and description.)

Id. Cusin. (See page 90 for price and description.)

Narcisse. Pale lemon yellow, free flowering, full and fragrant.

Queen of Bedders. (See special description, page 91.)

Queen's Scarlet. Introduced by Hallock & Thorpe; color intense dark crimson, of the same style as Agrippina.

Rubens. Pale, lovely yellow, tinged with fawn color; very large and full, sweet fragrance.

Red Safrano. (See description and price, page 90.)

Sunset. (See colored plate, description and prices, page 88.)

Souv. de George Sand. A very desirable Rose, with finely shaped double buds; color carmine, shaded amber, streaked with crimson.

Prices, except where noted.

1st size, 75 cts. each; \$6.00 per doz.; full set of 30 sorts, including "Sunset," \$15.00.

2d size, 50 cts. each; \$4.50 per doz.; full set of 30 sorts, \$12.00

3d " 30 " " 3.00 " " " " " 30 " 8.00

SERIES II.

Alba Rosea. White tinged rose color, shaded blush; double and fragrant; very fine.

A. Christophe. Very large, full, and double; color apricot, tinged and shaded with soft rosy crimson.

Bougere. Very large and double; color beautiful dark pink; sweet fragrance.

Cornelia Cook. Perhaps the finest white Rose; flowers very large and double; pure white, with light lemon-colored center.

Catherine Mermet. One of the most fashionable Roses in New York last winter; color clear rosy pink; very large pointed buds; full, double, and fragrant. (See cut, page 92.)

Coquette de Lyon. Color clear canary yellow; delicious tea scent; flowers large and full; very free.

La Jonquille. Dark canary yellow; very distinct.

Le Nankin. Apricot yellow; fragrant and of good form; very distinct in color.

Leveson Gower. Beautiful rosy salmon; fine form; sweet fragrance.

Louis Richard. Finely shaped, large and full; color rich coppery rose, changing to buff, crimson center.

Mme. Camille. A splendid Rose; immense double buds; delicate rosy flesh color, changing to salmon, suffused with carmine; fine tea fragrance.

Mme. M. Berthon. Pure white, tinged and shaded with lemon color; good form and rich fragrance.

Mme. Falcot. Fine apricot yellow, tinged buff; a very desirable Rose; buds of good form and medium size, borne in great profusion.

Marie Guillot. Pure white, tinged with yellow in the center; very full and double.

Niphetos. Pure white; one of the most valued winter flowering Roses. (See cut, page 89.)

Perle des Jardins. (See cut and special description, page 92.)

Perfection de Monplaisir. Deep golden yellow; buds medium size and of fine shape; a fine Rose for any purpose.

Souv. de David. Rich rosy crimson, finely-shaped buds.

Souv. d'Un Ami. A splendid Rose, which is now becoming prominent for winter flowering; buds full and double; clear deep rose color.

Souv. de Paul Neyron. White, beautifully tinged with clear golden yellow, edged clear rosy crimson; exquisite fragrance and very profuse.

1st size, 50 cts. each; \$4.50 per doz.; full set of 20 sorts, \$7.00

2d " 30 " " 3.00 " " " " " 5.00

3d " 20 " " 2.20 " " " " " 3.50

SERIES III.

Adam. Bright carmine pink, large and full. This variety is used considerably for winter forcing.

Aurora. Buds rather small and pointed; color silvery rose, shaded; most abundant bloomer.

Aline Sisley. Large pointed bud; rich fragrance; color an unusual shade of violet red, brightened with crimson maroon.

Bella. Pure white, once largely used for forcing, but has been superseded by Niphetos; it is, however, superior to that variety for summer flowering.

Bianqui. White, shaded flesh color; a distinct, beautiful Rose, full and fragrant.

Bon Silene. This splendid old variety still holds its own against many of the newer sorts. It is equally valuable for summer or winter blooming; average size and exquisite tea scent; color brilliant carmine.

Belle Allemande. Finely shaped, long pointed buds; full and fragrant; carmine and pink in color.

Bouquet de Marie. Deep rose, tinged silver. A strong, compact grower; an excellent bedding sort.

Cels. Pale rose color; good shaped buds; plant a clean, healthy grower.

Douglas. A true Bengal Rose, dark, rich crimson in color; buds of good shape; very free flowering.

Duc de Cayes. White shaded yellow; an old variety of considerable merit.

- Duchess de Brabant.** An old variety, blooming in clusters; unexcelled by anything of its color, which is a soft, rosy flesh tint; flowers globular.
- Devoniensis.** No collection is complete without this superb variety; very full; a creamy white with pink center.
- Marshal Robert.** Canary yellow; shaded rose.
- Fairy Rose.** Flowers carmine, the size of a dime; flowers very profusely, distinct and pretty.
- Freres Soupert et Notting.** Yellow tinged rose; full and fragrant
- Gen. de Tartas.** A fine bedding Rose; brilliant carmine, shaded violet purple; double and fragrant.
- Goubalt.** Bright rose color tinted buff; tea fragrance.
- Isabella Sprunt.** Light canary yellow; largely used for winter blooming; buds medium size and good shape; very fragrant and free.
- La Pactole.** A once favorite forcing variety; it produces a great abundance of buds; color pale sulphur yellow; rich tea fragrance.
- Lucullus.** Dark crimson maroon; flowers very large and double; excellent for out-door culture.
- La Phenix.** Red, shaded crimson; free bloomer; flowers medium sized and double; delicious fragrance.
- La Sylphide.** Beautiful cream color, shaded rose; long pointed buds; a fine variety.
- La Chamoise.** Very handsome in the bud; color bright coppery yellow.
- Lady Warrender.** Pure white; profuse and fragrant.
- Mme. Caroline Kuster.** Beautiful light yellow, tinged with pink; full and sweet.
- Mme. Dennis.** Very full and double buds; white, with yellowish pink center.
- Mme. de St. Joseph.** Finely shaped, long, pointed buds of a deep pink color; very fragrant.
- Mme. Margottin.** A favorite old variety; large and double; dark citron yellow with bright red center; a strong grower of exquisite fragrance.
- Mme. Ristori.** A good bedding variety; color deep blush.
- Mme. Rachel.** Very double and pure snow white; pointed buds of delicate fragrance; well adapted for house culture or out-door planting.
- Mme. Devacourt.** Bright canary yellow; deliciously perfumed; buds of good size and substance.
- Mme. Maurice.** Delicate flesh color; very large and double; sweet tea scent; a splendid Rose.
- Mme. de Tartas.** Long pointed bright carmine buds, full and double.
- Mme. Bravy.** Rich cream color with pinkish center; full pointed buds; scented.
- Mme. de Narbonne.** Bright pink; profuse, full, and fragrant.
- Mme. H. Jamain.** Beautifully cup-shaped flowers; white shaded yellow and pink; a fine variety and sweetly perfumed.
- Marie de Bau.** Rich blush color, full and double.
- Marie Sisley.** A superior Rose; full and double, of true tea odor; exquisitely shaded with bright rose on a pale-yellow ground.
- Marie Ducher.** Rich transparent salmon, with deeper colored center; full, double, and sweet.
- Melville.** Bright pink, changing to silvery rose; good shaped buds, full and fragrant.
- Nina.** Pinkish rose, shaded silvery white; buds large and sweetly scented.
- Odorata.** Beautiful bluish tint; exquisite tea fragrance.
- Pauline Lebonte.** Light blush-color; very fine.
- Pink Daily.** An incessant blooming variety; color clear bright pink; size medium; very fragrant.
- Pres. d'Olbecque.** Bright purplish crimson; good shape and habit.
- Safrano.** This is the ideal Tea Rose; though one of the oldest, it is still grown in enormous quantities for winter cut flowers; buff color, tinted apricot yellow; exquisite fragrance and splendid bud.
- Stella.** Light yellow; full and sweet.
- Souv. de Malmaison.** Rich flesh color with rose center; very double; when well grown this is considered by many to be the finest Rose in existence. It is sometimes forced in the winter season, but it is properly a summer-blooming Rose.
- Sulphurea.** A deep sulphury yellow; fine in the bud.
- Theresa Loth.** Fine carmine red with deep rose shading; full double and very sweet.
- Viridiflora or "Green Rose."** Of no beauty, only grown as a curiosity; buds green in color; most useful to mix with other Roses.
- Yellow Tea.** An elegant true Tea Rose; has long, pointed buds of a pale lemon color.
- Bourbon Queen.** A beautiful bedding summer Rose; color clear satiny rose, shaded white.
- C. Koch.** Light flesh color; very double; a vigorous grower and free bloomer.
- Canary.** Beautiful light yellow; profuse bloomer.
- Geo. Peabody.** Splendid glowing crimson, changing to a scarlet shade; exquisite tea odor; medium sized buds of good form and substance.
- Louis Gigot.** Pure white and double; flowers profusely all summer when bedded out.
- Md. A. Imbert.** Large, full-formed double bud; strong tea fragrance; color rosy buff with peach-colored shadings.
- M. Roda.** Splendid; buds large and double; of a beautiful yellow shade; gives a great profusion of buds and flowers when planted out.

1st size, 30 cts. each;	\$3.00 per doz.	Full set of 60 sorts,	\$14.00.
2d " 20 " " "	2.25 " " " "	" " " "	10.00.
3d " 15 " " "	1.50 " " " "	" " " "	7.50.



HARDY HYBRID PERPETUAL, "COUNTESS OF OXFORD."
(See description, page 95.)

HARDY HYBRID PERPETUALS.

SERIES I.

- Anna de Diesbach.** Clear bright rose; very large and finely shaped; full and fragrant.

Baroness Rothschild. The most deservedly popular Rose in cultivation. In New York last winter its magnificent flowers sold freely at from 25 cts. to 75 cts. apiece. They are immense in size; color a lovely shade of satiny pink. Its handsome foliage comes close up to the flower, making each bud a bouquet in itself. (See cut.)

Price, extra size, \$3.00.

" 2d " 1.50.

" 3d " .75.

Coquette des Blanches. The best white variety of its class; a very profuse continuous bloomer; white, sometimes tinged pink; bud double and fragrant.

Countess of Oxford. A superb variety; color deep carmine shaded with rose; pointed buds; flowers continuously all summer. (See cut, page 94.)

1st size, \$1.50.

2d " .75.

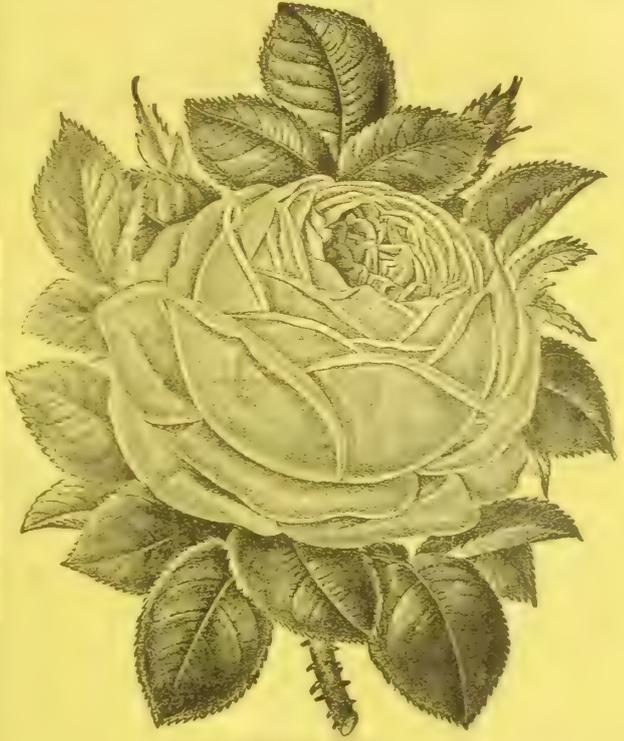
Dr. Baillon. Dark purple, shaded crimson; sweet fragrance; large, full and fine.

Duke of Edinburgh. Dark velvety crimson maroon; fair size; full, regular form; handsome and scented.

Duke of Teck. Vivid scarlet crimson; the nearest approach to scarlet yet; extra fine.

Fisher Holmes. Finely shaped buds of intense dark crimson color; sweet fragrance; a grand rose.

John Hopper. Brilliant rose, changing to bright glowing pink; reverse of petals lilac purple; a fine large showy sort, very fragrant.



BARONESS ROTHSCHILD.



HARDY HYBRID PERPETUAL, "MAGNA CHARTA."

Magna Charta. Rich dark pink; very large and fragrant; very strong grower. There is scarcely any hardy Rose that gives such universal satisfaction as this. It does well under all circumstances, and is unexcelled for size, color, fragrance, and profusion of bloom. (See cut.)

1st size, \$1.50; 2d size, 75 cts.; 3d size 40 cts.

Mrs. Chas. Wood. One of the very best; flowers very large and double, and are produced in great profusion; color intense deep crimson, shaded scarlet.

Marie Bauman. Bright cherry red, changing to scarlet; large, full, and fine; an excellent forcing kind.

Mme. Alfred Rougamont. Pure white, delicately shaded; tinged with rose; flowers medium-sized, double, fragrant; continuous bloomer.

Paul Ricaut. Bright rosy carmine, darker towards the center; sweetly fragrant and cup-shaped.

Princess Camille de Rohan. Distinct and magnificent; color rich, dark, velvety maroon, almost black; large size and great fragrance. 75c. (See cut, page 96.)

Capt. Christy. A lovely rose; it flowers more or less all summer; very large double buds of a deep flesh color; strong grower and grand foliage.

Antoine Mouton. A very desirable variety. It is of a strong, hardy constitution and free flowering tendencies; flowers of immense size; color bright pink.

Alfred Colomb. Very large and globular; clear bright cherry red, shaded with rich crimson.

Gen. Jacqueminot. Now known everywhere. The best of all forcing Roses of the Hybrid Perpetual class. Hundreds of thousands of feet of glass are exclusively devoted to this one variety. The buds last New Year's wholesaled at from 25 cts. to 75 cts. apiece. Color rich crimson; of fine shape and exquisite fragrance.

Mrs. Reynolds. Very large flowers; color bright carmine.

Paul Neyron. The flowers of this variety are the largest of any on our list, and globular. It is a strong grower; color a deep pink.

1st size, 75 cts. each; \$7.50 per doz., except where noted.

2d " 60 " " 6.00 " " " " " "

3d " 40 " " 4.50 " " " " " "

Set 21 sorts, 1st size, \$15.00

" " " 2d " 10.00

SEE DESCRIPTION OF NEW TEA ROSE, "SUNSET," PAGE 88.

SERIES II.

- Albertus.** Large double flowers; color purplish pink.
Alzora. Color bright carmine; finely shaped double buds.
Auguste He. Clear bright pink; large and finely cupped.
Baronne Provost. Beautiful bright rose, shaded crimson.
Cardinal Patrizzi. Brilliant scarlet; good habit.
Chas. Lefebvre. Brilliant crimson, deep purple center.
Comte de Paris. Rich blush shade, exquisite coloring; delightful fragrance.
Coquette des Alpes. Cupped white, occasionally tinged with pink; free flowering and fragrant.
Cymabie. Has all good qualities; color violet crimson.
Duplessis Morney. Bright crimson; fine form, fragrance and substance.
Eugene Sue. Bright vermilion, changing to scarlet; fragrant and robust.
Geant des Batailles. A very fine flower, in some places liable to mildew; color bright crimson.
Gen. Forney. Color clear cherry red.
Gen. Lane. Dark rose color; fine form and substance.
La Reine. Beautiful clear bright rose; very large.
Louis Carrique. Clear carmine; excellent habit; fine odor.
Marquis de Ligneris. Bright rose; richly perfumed.
Mme. Knorr. Pink, quite distinct.
Mme. C. d'Islay. Bright rose blush; fragrant.
Mme. Lafay. Beautiful transparent rose; large.
Mme. Trotter. A strong, vigorous grower; very hardy; flowers bright brilliant red; full and sweet.
Mme. Plantier. A perfectly hardy, pure white, double Rose, of the Hybrid China class. One of the best hardy white Roses. It is excellently adapted for cemetery decoration, etc. Growth vigorous.
Mount Carmel. Bright carmine, full and fragrant.
Pœonia. Sweetly fragrant; color clear bright red.
Pres. Thiers. Flaming red; large sized flower; full and globular in shape.
Princess de Mathilda. Deep blush; good form and substance; double and perfumed.
Reine d'Angleterre. Fine bright rose; an old variety with many qualities to recommend it.
Rev. H. Dombrain. Very dark crimson; free flowering and hardy.
Triomphe d'Exposition. Bright crimson red.
Triomphe de Reims. Light rose color.
Victor Verdier. Brilliant rosy carmine, edged purple; extra large double flowers.
Wm. Penn. Light carmine; flowers of good shape and size; perfectly double and sweetly scented.
- | | |
|--------------------------------------|-----------------|
| 1st size, 50 cts. each; | \$4.50 per doz. |
| 2d " 30 " " | 3.00 " " |
| 3d " 20 " " | 2.25 " " |
| Set 32 varieties, 1st size, \$12.00. | |
| " " " 2d " | 7.50. |
| " " " 3d " | 4.50. |

EXTRA LARGE IMPORTED ROSES.

- The following list of Hybrid Perpetual Roses we imported last November, and can now offer pot-grown plants. The list contains only the very best varieties of Roses now in cultivation. Extra large, fine plants.
- Baroness Rothschild.** Rich shade of rose, flowers 5 inches in diameter; the largest and finest rose in cultivation. (See cut, page 95.)
- Countess of Oxford.** Very large; soft rosy carmine.
- Md. Gabriel Luizet.** Exquisite shade of pink; extra fine.
- Duchess de Vallambrosa.** Flesh color, shaded rose.
- Mabel Morrison.** Pure white; other characteristics same as Baroness Rothschild.
- Magna Charta.** Bright pink, suffused with carmine.
- Duke of Edinburgh.** Rich crimson maroon; fine.
- Louis Van Houtte.** Brilliant crimson; large and full.

- Countess de Serrene.** Flesh color, shaded rose; large.
- Star of Waltham.** Carmine; large and full.
- Mario Bauman.** Color similar to Gen. Jacqueminot, but larger and fuller.
- Mme. Noman.** White, tinged with rose.
- Gabriel Turner.** Bright deep pink, very large and fine.
- Anna de Diesbach.** Rich shade of carmine pink; one of the best.

Price, \$1.50 each. Set of 14 sorts \$18.00.



PRINCESS CAMILLE DE ROHAN.

HARDY ROSE, PRINCESS CAMILLE de ROHAN.

Almost identical with "Gen. Jacqueminot" except in color, which is of the darkest shade of velvety crimson maroon; the nearest approach to black of any Rose in our collection. Flowers of good size, full, and of exquisite fragrance. (See cut.) 75 cts. each; \$7.50 per doz.

NOISETTE, OR CLIMBING MONTHLIES.

- Caroline Manais.** A very profuse bloomer, color white and finely scented.
- Cloth of Gold.** One of the finest pillar Roses for the Southern States; color clear bright yellow; good form and substance; double and fragrant.
- Claire Carnot.** Orange yellow, with peach blossom center; a full and compact flower of tea fragrance.
- Belle Lyonnaise.** Very large and full; beautiful light lemon color.
- Guilietta.** Bright rosy crimson, lightened with scarlet; medium size; full and sweet.
- Gloire de Dijon.** A grand green-house climber; very large, perfectly double and tea scented; color rich creamy amber, tinged slightly with blush.
- Jas. Sprunt,** or "Climbing Agrippina;" deep cherry red; medium size; full and fragrant; a strong, vigorous grower.
- Mme. Bernard.** Deep carmine, full and double.
- Mme. Balbiano.** Soft rosy blush; very sweet.
- Lamarque.** Pure white, with lemon-colored center; very double and tea scented; an old favorite.
- Marechal Niel.** Probably better known and a greater favorite than any other member of the Rose family; flowers of immense size, very double, and exquisite tea odor; color rich dark golden yellow.

Mme. Trife. Very large and double; buff color, changing to yellow.

Rosamond. Strong vigorous habit; color scarlet crimson.

Setina. A sport from Hermosa, and identical with that fine variety in color of flower, only differing from it in its climbing habit.

Washington (White.) Produces its pure white flowers in great clusters; very ornamental outside.

1st size, 75 cts. each; \$7.50 per doz.

2d " 50 " " 4.50 " "

3d " 30 " " 3.00 " "

MOSS ROSES.

Adelaide. A splendid old sort, color bright carmine.

White Bath. (See special description.) \$1.50 each.

Capt. Ingraham. Brilliant carmine red; large, full flower; very double and mossy.

Jas. Veitch. (See special description.) \$1.00.

Countess de Muranais. Large, pure white, beautifully mossed. A splendid out-door Rose.

English. The old red English Moss Rose; very hardy, mossy and fragrant.

Hortense Vernet. Fine rosy carmine; full, large, and sweet; beautifully covered with moss.

Henry Martin. Fine bright pink; large, full, and globular.

Lanei. A beautiful shade of pink; fragrant and mossy.

Luxembourg. Large, crimson scarlet; densely covered with moss; very sweet.

Cristata or "Crested Moss." Color of buds pink; thickly crested with moss; very beautiful. \$1.00.

Large size, 75 cts. each, except where noted; \$7.50 per doz.



MOSS ROSE.

ROSES, BOURBON AND BENGAL.

Agrippina. An unequalled bedding variety; color dark crimson; flowers very freely; full and fragrant.

Appoline. Very large, full and double; exceedingly sweet-scented; clear pink, shaded crimson.

Beau Carmine. A fine bedding sort; rich velvety shade of carmine red; a constant bloomer.

Cramoisie Superior. A bushy, compact grower; flowers rich dark crimson.

Comte Bobinsky. Bright crimson scarlet; good form, quite double and sweet; profuse.

Louis Philippe. Dark velvety crimson; free bloomer; good form and substance.

Hermosa. The "Rose of the Million;" a splendid old sort that flowers continuously; color clear beautiful rose, globular.

Sombriel. Pure white, edged and tinged with silvery rose; good size, full and double, fragrant.

1st size, 30 cts. each; \$3.00 per doz.

2d " 20 " " 2.00 " "

3d " 15 " " 1.50 " "

CRIMSON PERPETUAL MOSS ROSE,

Jas. Veitch.

This wonderful variety, unlike all others of its class, blooms without cessation right through the summer; color dark violet crimson; flowers very large and fragrant.

\$1.00 each; \$10.00 per doz.

STANDARD ROSES.

For planting on green-house rafters, or on back wall of green-house for winter flowering.

Marshal Niel. Golden yellow.

Gloire de Dijon. Buff shaded rose.

Strong plants from 4 to 5 feet high, with fine heads.

Price, \$5.00 each.

CLIMBING HARDY ROSES.

Baltimore Belle. Blush, tinged rose and white. The flowers are very double, and are produced in great clusters. The whole plant is one complete mass of bloom when at its best.

Boursalt Elegans. Flowers semi-double, purplish crimson in color.

Gem of the Prairies. Bright violet crimson; large, very double and fragrant. A beautiful Rose.

Seven Sisters. Blush changing to crimson; free flowering and fragrant.

Prairie Queen. Dark rosy red, changing to pink.

Bennett's Seedling. Ayrshire or Scotch Rose. Like all of its class, its growth is very slender and rapid; flowers small, white and double.

Dundee Rambler. Same class and character as the preceding, but semi-double.

1st size, 50 cts. each; \$4.50 per doz.

2d " 30 " " 3.00 " "

MOSS ROSE, "White Bath,"

We offer some extra large plants of this superb variety; color pure pearly white; very mossy and fragrant.

\$1.50 each.

SEE DESCRIPTION OF NEW TEA ROSE, "SUNSET," PAGE 88.

Novelties in Collections—Low Rates.

COLLECTION 1 CONTAINS:



SUNSET, and 12 other finest
New Monthly **ROSES** for \$5.⁰⁰



Sent free by mail; or if by express the buyer must pay charges, but we will send large plants to compensate.

Sunset. Color amber, shaded orange; largest size; exquisite fragrance; ever-blooming; probably the finest Rose in cultivation. See page 88.....	\$1 50
Duke of Connaught. Scarlet crimson.....	30
Mignonette. Light rose color.....	25
Marie de Montravel. Pure white.....	75
Andre Schwartz. Crimson, shaded orange.....	75
Md. Capucine. Coppery orange.....	30
Queen's Scarlet. Deep scarlet.....	50
Etoile de Lyon. Canary yellow.....	50
Crimson Bedder. Scarlet crimson.....	75
Red Safrano. Crimson and orange.....	60
Chas. Rovoli. Violet, rose white.....	30
Nancy Lee. Deep rose color.....	30
Md. C. Guinnessean. Golden yellow.....	75

At catalogue rates the above costs \$7.55, but which we here offer for \$5.00.

Besides this—and here is the feature that makes our offer liberal, valuable, and distinct—we will include with the above as premium a copy of Peter Henderson's new work, "*Garden and Farm Topics*," a handsome work of 250 pages, containing a steel portrait of the author. The price of the book alone is \$1.50. (See Introductory for detail of contents.)

COLLECTION 2 CONTAINS:

1 New Rose, Sunset , colored plate and description page 88.....	\$1 50
1 New Double Abutilon , engraving and description page 99.....	75
1 New Verbena, America , engraving and description, see succeeding pages.....	60
1 New Feverfew, Little Gem , engraving and description, see succeeding pages.....	75
1 New Scarlet Clematis , engraving and description, see succeeding pages.....	50
1 New Rose, Red Safrano , engraving and description, page 90.....	60
1 New Coleus, Golden Bedder. For description, see succeeding pages.....	30
1 New Double White Azalea Daphne , description page 100.....	75
1 New Zebra Plant , description, see succeeding pages.....	1 00
1 Salvia Amabilis	50

At catalogue rates comes to..... \$7 25

We will send collection 2 free by mail, or if by express, larger plants being sent (buyer to pay expressage) for \$5.00, to which we will add gratis the new book, "*Garden and Farm Topics*," value, \$1.50.

COLLECTION 3 CONTAINS:

1 New Crimson Tea Rose, Andre Schwartz. See page 90.....	\$ 75
1 Gynura Aurantiaca. See succeeding pages...	50
1 New Single Pink Geranium, King Olga. See succeeding pages.....	50
3 New Coleus (never before offered).....	90
1 Hybrid Rose, Magna Charta. See page 95.....	50

1 Beautiful Large Palm (Seaforthia Elegans)	1 00
1 New Polyantha Rose, Mignonette. See page 90.....	50
1 New Double White Violet. See succeeding pages.....	75

At catalogue rates comes to..... \$5 40

We will send the above free by mail, or if by express (buyer to pay charges), for \$4.00.

COLLECTION 4 CONTAINS:

1 New Coral Plant. See succeeding pages.....	\$ 50
1 Moon Flower. See succeeding pages.....	30
1 Liliun Harrisii, or "Bermuda Easter Lily." See succeeding pages.....	50
2 New Heliotropes, "Purple and Gold" and "Swanley Giant." See succeeding pages.....	75
1 New Fuchsia, Mrs. Geo. Rundle. See succeeding pages.....	60
1 New Yellow Carnation, Buttercup. See succeeding pages.....	1 00
1 New Yellow Tea Rose, Etoile de Lyon. See page 91.....	50

At catalogue rates comes to..... \$4 15

We will send collection 4 free by mail, or if by express (buyer to pay charges), for \$3.00; or, we will send the four complete collections, making the largest and finest assortment of new and rare plants ever grouped together in one offer, for \$15.00, by express only (buyer to pay charges).

As purchasers are entitled to two copies of the new book by the terms of the above offer, where only one copy is desired, we will send the four collections and one book for \$14.00.

It will be understood by purchasers that we do not present the book with either of the collections Nos. 3 or 4.

SEE DESCRIPTION OF NEW TEA ROSE, "SUNSET," PAGE 88.

NOVELTIES AND SCARCE PLANTS.



NEW DOUBLE ABUTILON, "THOMPSONI PLENA."

NEW DOUBLE ABUTILON, *Thompsoni Plena*.

There are few classes of plants that are more popular and desirable for house or garden culture than the Abutilon. Although many fine single varieties have been raised by different florists, a double one has never been produced until we obtained this. It originated in a "sport" from *Thompsoni variegata*, and it still retains the beautifully mottled yellow and green foliage of that variety, but with perfectly double flowers, that resemble in form a *double* Hollyhock; color rich deep orange shaded and streaked with crimson. (See cut.)

75 cts. each; \$7.50 per doz.

SET NEW ABUTILONS.

A distinct and beautiful collection containing some entirely new shades of color.

Chamois. Tan color.

Coronet. Large size; blood red.

Crusader. Cherry red; parasol shaped.

Fraseri. Dazzling crimson; immense size; extra fine.

Ne Plus Ultra. Dark carmine rose.

Seraph. Pure white

Tancrede. Dark rose color.

Toison D'Or. Orange color.

Yellow Prince. Very dark yellow.

New Double. (See above.)

75 cts. each; \$7.00 per doz.

Set of 10 varieties for \$6.00.

ASPARAGUS TENUISSIMUS.

We cannot praise too highly this beautiful new green-house plant. Its fine filmy foliage surpasses in delicate beauty the Maidenhair Ferns. The stems or fronds stand without wilting for a long time after being cut, which will render it most valuable in fine cut-flower work.

\$1.50 each.

AMARYLLIS AULICA.

We have some extra large bulbs of this splendid variety. Flowers large, trumpet shaped, and dark rich crimson color. \$1.00 each.

NEW ALTERNANTHERA AUREA NANA.

When the Golden *Alternanthera aurea* was sent out a few years ago it was believed that it would supersede everything else for a yellow line in "massing" or "ribbon bedding," but experience has shown that it is lacking in two important points. In many localities it does not attain its yellow color until late in the summer, which is a vital objection. Then, again, its straggling habit of growth is undesirable. In this new variety we have a plant which grows compact and upright to a height of only four inches, and which becomes bright golden yellow at once after being planted out, and retains its color right through the season. The foliage is narrower than the old variety, and the whole plant distinct and superior in every respect. We predict for this new variety a popularity equal to that of the crimson *Parychoides major*. 30 cts. each; \$3.00 per dozen. Special prices given on large quantities.

ALTERNANTHERA PARYCHOIDES MAJOR.

This variety stands in the same relation to Alternantheras as the old Coleus Verschaffeltii does to the general variety of Coleus, being superior to all others in color—which is of a bright shade of carmine rose—which it retains from the first to last of the season.

25 cts. each; \$2.25 per doz.

ARECA BAUERII.

Some of the finest Palms in cultivation are found in the Areca species. This variety is one of the most beautiful of them all, and should be grown by every one. It is of upright habit, somewhat like *Seaforthia elegans*, but its foliage is of a much darker and richer shade of green.

1st size, \$1.50 each; \$15.00 per doz.

2d " 1.00 " 9.00 " "

3d " 50 " 4.50 " "

NEW DOUBLE WHITE AZALEA DAPHNE.

The largest and finest double white Azalea. Unlike the well-known "Flag of Truce," it is a vigorous grower.

1st size, 75 cts. each; \$7.50 per doz.

2d " 50 " " 4.50 " "

DOUBLE WHITE BOUARDIA, "Alfred Neuner."

A "sport" from the well-known single white variety, "Davidsoni," with which it is identical, except that each floret is *double*, exactly like a small double Tuberose. It is already valued as one of the best plants for cut-flowers, being continually in bloom, and its double flowers lasting long after being cut.

Stock plants, in 5-inch pots, 75 cts. each; \$7.50 per doz.

" " 4 " " 50 " " 4.50 "

" " 3 " " 30 " " 3.00 "

" " 2½ " " 15 " " 1.50 "

NEW DOUBLE PINK BOUARDIA, "President Garfield."

Although a recent novelty, the value of the double white variety is now well established. This will be equally desirable. It is identically the same as the double variety, except in color, which is a beautiful shade of pink.

1st size, \$1.00 each; \$9.00 per doz.

2d " 75 " 7.50 "

3d " 50 " 4.50 "

NEW BOUARDIA, OCULATA.

A desirable addition to our winter-blooming, plants. Flowers produced freely in good sized trusses; color very light rose, with a white eye.

1st size, 60 cts. each; \$6.00 per doz.

2d " 30 " " 3.00 "

NEW BOUARDIA, "Rosea Multiflora."

This splendid novelty is the finest single variety that has been offered in many years. The trusses are very large and compact, and are produced in the greatest profusion; color bright deep rose. This is a true winter flowering variety of the same class as *Elegans* and *Davidsoni*.

50 cts. each; \$4.50 per doz.

BOUARDIA FLAVESCENS.

The uncommon and beautiful shade of color of this variety will commend it to all. Color light canary yellow. Trusses of good size and moderately compact.

\$1.00 each; \$9.00 per doz.

Set 5 New Bouvardias, 1st size, \$3.00.

" 5 " " 2d " 2.00.

NEW SWEET ALYSSUM, "Tom Thumb."

A most unique dwarf variety of the old "Sweet Alyssum." From its free flowering qualities and compact style of growth, it can be used effectively as a white line in "ribbon planting," vases, etc.

20 cts. each; \$2.00 per doz.

BONAPARTIA JUNCEA.

A very scarce genus of plants, with long, graceful, rush-like leaves; very attractive when grown in a vase out-of-doors in the summer. Flowers borne on large spikes. It requires a warm temperature in winter.

50 cts. each; \$4.50 per doz.

BEGONIA REX.

We offer twelve distinct new varieties, all of the most approved types, selected from, probably, the finest collection in this country.

50 cts. each; \$4.50 for set of 12; 2d size half price.

BEGONIA ARGENTEA.

Its silvery-looking leaves resemble the Rex varieties. This variety is now used for filling the best quality of stands and hanging-baskets.

50 cts. each; \$4.50 per doz.

BEGONIA METALLICA.

This elegant variety has very large glossy leaves, shaded dark green and olive, with a peculiar metallic lustre over all. Large deep rose-colored flowers.

Strong plants \$1.00 each.

BEGONIA GILSONI.

This is the only fine double-flowered Begonia outside of the tuberous-rooted class. Flowers large and perfectly double. Color white, shaded carmine. Being a strong, robust grower, it makes a handsome specimen.

Large plants, \$1.00 each.

BEGONIA, (Tuberous Rooted.)

A comparatively new section of this beautiful tribe; flowers ranging through all the shades of crimson, scarlet, rose, orange, &c. They require the same treatment as the fancy-leaved *Caladiums*, *Gloxinias*, &c.; that is, the tubers are dried off in winter and started again in spring. Excellent for bedding purposes, as they bloom the entire summer season until frost.

60 cts. each; \$6.00 per doz.

BEGONIA RUBRA.

This is one of the finest acquisitions to our winter-flowering plants; the leaves are of the darkest green, the color of the flowers scarlet rose, glossy and wax-like. This peculiarity is so marked, that when plants are placed singly in a room the glossy appearance of the leaves and flowers give the impression that they are artificial rather than natural.

1st size, \$1.00 each; \$9.00 per doz.

2d " 50c. " 4.50 " "

3d " 30c. " 3.00 " "

Set 4 varieties Begonias, \$2.00.

BOUGAINVILLEA SPECTABILIS.

This handsome plant is quite easily grown, thriving in almost any temperature that is higher than 40 degrees. It produces very freely large cone shape racemes of beautiful rose-colored flowers. Being of climbing habit, it probably has no equal for training to the rafters of conservatories or green-houses. The *Bougainvillea* has proved to be a very profitable plant to force for the bloom during the winter.

Strong plants, \$1.00 each.

CHRYSANTHEMUM, "La Petite Marie."

This wonderful variety is more than a month earlier coming into flower than any other Chrysanthemum. It began to bloom with us last summer by the middle of August, and continued so until frost. Another peculiarity is its dwarf habit, the plant never exceeding 8 inches in height. Flower of medium size and good form; color pure white with lemon center.

75 cts. each; \$7.50 per doz.

NEW CHRYSANTHEMUM, "Spotless."

Chrysanthemums will flower from October to January, without fire heat, only requiring the protection of a room or cold frame. This beautiful variety belongs to the large flowering class, the flowers being of immense size and pure pearly white.

1st size, 50 cts. each; \$4.50 per doz.
2d " 30 " " 3.00 " "

NEW CHRYSANTHEMUM, Yellow Stone.

Color dark golden yellow, similar to the above in every other respect.

1st size, 50 cts. each; \$4.50 per doz.
2d " 30 " " 3.00 " "

CHRYSANTHEMUM LATE DUCHESS.

Pure white ray of petals 3 inches in diameter, with golden yellow center, entirely distinct from any other variety and having the valuable property of flowering a month later, well grown plants being in perfection about Christmas.

50 cts. each; \$4.50 per doz.

NEW CHRYSANTHEMUM, "SNOW-DROP."

This is the prettiest and most useful of all the Pompon Chrysanthemums. It grows usually one flower on a stalk, and of the purest and most sparkling white; very full, and measures just one inch across. This variety will prove of great value for cut flowers.

50 cts. each; \$4.50 per doz.

'COCCINEA INDICA.

A climbing plant very useful for covering trellises, fences, &c. White star-shaped flowers succeeded by red, oblong fruits—highly ornamental.

30 cts. each; \$3.00 per doz.

CYPERUS ALTERNIFOLIUS VARIEGATA.

This beautiful plant has whirled leaves striped white and green, borne on the top of upright stalks. It is aquatic in its nature and consequently is well adapted for planting on the margins of fountains and aquariums, though it succeeds well in places not so moist.

\$2.00 each.

We have the green variety *Cyperus Alternifolius*.

25 cts. each; \$2.25 per doz.

NEW COLEUS, "Golden Bedder."

This great acquisition fills a long-felt want among bedding plants. It gives us at last a pure yellow Coleus that will not burn out or fail under ordinarily favorable conditions. Tried side by side with *Vershaeffelti* last summer it stood as well as that variety, while *Oriole* and other yellow kinds were almost burnt up. It is short-jointed and of compact style of growth, and requires but little "pinching" back to keep in shape in ribbon lines. When the great value of this variety becomes known the annual demand for it will be equal to that for *Vershaeffelti*.

30 cts. each; \$3.00 per doz.; \$12.00 per 100.

NEW COLEUS, "Progress."

One of the most beautiful of Coleus for pot culture, but inclined to run to dull colors out of doors. Speckled and streaked crimson, yellow, and bronze.

25 cts. each; \$2.25 per doz.

SET NEW COLEUS.

Many of the finest and most useful Coleus that are now grown were raised and sent out by us. Our set of this year is entirely new and is the pick of 3,000 seedlings. We can confidently recommend them.

Leader. Vermilion; yellow and maroon.

Tennyson. Dark maroon; rose center.

Mrs. Bliss. Yellow, pink and bronze.

Emerald. Green, yellow and carmine.

Miss Buist. Black, crimson and green.

Mourning Bride. Black, ribbed deep crimson.

Picturata. Bronze, yellow and green.

Scarlet Prince. Brilliant carmine scarlet, edged crimson.

Bergen Beauty. Scarlet, yellow and maroon.

Atlanta. Dark maroon, flamed carmine.

Zulu. Crimson maroon, blotched yellow.

Splendeur. Maroon, blotched crimson rose.

Leaves of Autumn. Large foliage; crimson, yellow, pink and bronze.

Golden Bedder. (See special description.) 30 cts.

Progress. (See special description.) 25 cts.

The last two are the only varieties in the set not raised by us.

50 cts. each, except where noted: set 14 for \$5.00.



CLEMATIS COCCINEA.

CLEMATIS COCCINEA.

Bright scarlet has been a color hitherto unknown in *Clematis*, but in this sort we have that color, which, when placed in contrast with the blue, purple and white kinds, has a most striking effect. It is equally hardy as the other well-known sorts. (See *cut.*) 50 cts. each; \$4.50 per doz.

NEW CARNATION, SNOWBALL.

A new variety. Flowers of the purest white and very large, habit good, and of very healthy, vigorous constitution. 50 cts. each; \$4.50 per doz.



CARNATION, "BUTTERCUP."

NEW YELLOW CARNATION, "Buttercup."

This fine novelty is the nearest approach to a pure yellow that we have ever had in Carnations. The flowers are immense in size, rich yellow in color, and only slightly flecked with crimson. It is a fine grower and profuse bloomer. (See cut.) \$1.00 each; \$9.00 per doz.

SCARLET CARNATION, "Philadelphia."

This is now an established variety for winter flowering. Color, intense scarlet, good size, and very productive. Unlike some others of its color, it is a strong, healthy grower. 50 cts. each; \$4.50 per doz.

CARNATION SEACAUCUS.

Largely grown in this vicinity, but not generally distributed. Color a light shade of carmine, rich clove fragrance. One of the most profitable winter-blooming varieties. 30 cts. each; \$3.00 per doz.

NEW CARNATION, Rosy Morn.

This is the finest variety of its color we have yet seen; habit dwarf and of vigorous constitution; color dark pink, shaded with salmon. It flowers incessantly, flowers large, of a rich spicy fragrance. Our experience with this variety last winter has convinced us that it is invaluable for winter blooming. 50 cts. each; \$4.50 per doz.

NEW CARNATION, Seawan,

Likely to prove a valuable winter flowering sort. Color dark metallic crimson maroon, somewhat similar to Crimson King, but dwarfer and better. A most profuse bloomer and of strong, healthy constitution.

3-inch pots, 50 cts. each; \$4.50 per doz.
Stock plants, \$1.00 " 10.00 "



CARNATION, "LYDIA."

CARNATION, LYDIA.

One of the finest of the fancy yellow varieties; flowers three inches across; very double, and intense clove fragrance. Color rich orange yellow, flecked with carmine. The cut gives a good idea of its appearance. (See cut.)

50 cts. each; \$4.50 per doz.
Set of 7 New Carnations, 2d size, \$3.00.

CYRTODEIRA METALLICA.

A scarce basket plant now popular. Of creeping habit its leaves are a rich bronze color, marked in the centre with pink. The foliage being covered with minute white hairs, gives it a silvery appearance; very beautiful.

30 cts. each; \$3.00 per doz.



CROTON AUREA MACULATA.

CROTON AUREA MACULATA.
("Zebra Croton.")

The cut gives a good idea of this splendid variety. Many Crotons fail to show their fine colors until grown to a medium size, but this variety is beautiful in all its stages, from a small plant to a towering specimen. The light parts in the cut show the golden yellow, and the dark the green.

Price, 1st size, \$1.00 each; \$9.00 per doz.
" 2d " 50 " 4.50 "

CROTONS.

A class of tropical shrubby plants attaining a height of from one to six feet, with unequalled beauty of foliage. No plant is now more valued for room decoration or for massing in the open border in summer.

Aurea Maculata. See page 102.

Earl of Derby. Deep yellow mid-rib; surface of leaf shaded and marbled light and dark, yellow and pink, edged with rose. \$2.00 each.

Challenger. A gorgeous combination of rich colors; ground shade a rich cream color, marbled and variegated with pink, white, rose and pea green; immense long leaves. The whole plant of beautiful and majestic appearance. \$2.00 each.

Camptophyllus. Tiny little Croton of compact habit; general variegation yellow and green, sometimes becoming clear yellow. \$1.00 each.

Johannis. When full grown the leaves of this variety are one foot in length and half an inch in width. The young foliage is bright lemon color, which changes with age, the mid-rib only retaining the original color, the border becoming deep green and yellow. \$1.00 each.

Mooreana. Entirely different from any other variety. The ground color is light green, with a bright golden mid-rib running the entire length of the leaf, and parallel golden bars extending from mid-rib to border of leaf. \$1.00 each.

Majesticum. When full grown presents the appearance of a miniature weeping willow. The young growth is brightly marked with golden mid-rib and light green margin, these colors changing with age, the margin assuming a deep olive green and the mid-rib an intense crimson color. \$1.00 each.

Youngii. A variety of very robust habit, light lemon buff tinted rosy flesh color. Leaves 18 inches long and three-fourths of an inch wide. \$1.00 each.

Queen Victoria. Strong upright grower. Young foliage glossy green streaked with golden bands. These markings eventually change, the green becoming a dark chocolate and the golden bright vermilion. A very beautiful contrast of colors. \$1.00 each, except where noted.

Set, 9 scarce Crotons for \$10.00.

NEW SHRUBBY CALCEOLARIA,

"Shower of Gold."

This, like all the Shrubby Calceolarias, is ever-blooming. The variety above is of strong, vigorous habit, and is the only variety we have had that withstands our hot summers. In partial shade the past season it bloomed in profusion. It will be a great acquisition in ribbon-line planting, where a line of clear yellow has long been wanted.

30 cts. each; \$3.00 per doz.; \$15.00 per 100.

GOLDEN CALLA LILY.

(*Richardia Hastata.*)

The flowers are smaller than those of the common Calla and are a beautiful lemon color. The throat of the flower is velvety purple. It flowers freely in the early spring months, not in the fall or winter as the well-known calla does.

Price, \$2.00 each.

CANNA, "LUKE BLACKBURN."

Grows about 5 feet high and resembles a mammoth *Dracena* in habit and richness of coloring in the leaves. It is the darkest foliaged Canna we have.

Price, \$1.00 each; \$10.00 per doz.

NEW CORAL PLANT.

(*Erythrina Hendersonii.*)

The great beauty of this plant cannot be told by a description. If set out in the open ground in spring, it blooms without intermission all summer. The flowers are large and brilliant, dark crimson in color, and fairly cover the plant when in full bloom. The old "Coral Plant," *Erythrina C. Galli*, only flowers well when two or three years o'd, but this acquisition is grand the first season.

50 cts. each; \$4.50 per doz.

CANNA EHMANI.

This wonderful species produces large panicles of bright carmine colored flowers throughout the summer months, and in the fall can be lifted, and if placed in a greenhouse or room will continue flowering all winter.

\$1.00 each.

DAVALLIA BULLATA.

We have just received from Japan a fine lot of this beautiful fern in three shapes, viz.: Wreaths, Crosses and Horse-shoes. In these forms they are very ornamental and fantastic. They should be grown suspended in the air like a basket, care being taken to not let the moss, which they contain, get dry. Price, \$1.50 each, and a few large forms representing frogs, turtles and buckets. Price, \$5.00 each.



GLARE OF THE GARDEN.

NEW DAHLIA, "Glare of the Garden."
(*Cactus Dahlia.*)

A most valuable and useful decorative plant for all purposes through the late summer and autumn months. Its flowers are of a dazzling scarlet, and much resemble in shape and color the well-known *Cactus Cereus Speciosissimus*. Height about three feet, very bushy, flowers of very striking appearance, and quite unlike those of any ordinary double Dahlia, the florets being flat and pointed. During the fall months the flowers sold at 25 cts. each. (See cut, one-third natural size.)

50 cts. each; \$4.50 per doz.



NEW SINGLE DAHLIA, "WHITE QUEEN."

NEW SINGLE DAHLIA.—White Queen.

Pure white lily-like flowers with yellow disc. The great value of this acquisition will be better understood when it is said that it resembles the Amazon Lily (*Eucharis*), being similar in color, and almost as good in form and substance. Flowering fully through the summer and fall months, until cut down by the frost. (*See cut.*) which is a good representation of all the varieties of single Dahlias.

50 cts. each; \$4.50 per doz.

NEW DWARF DAHLIA, "Marguerite,"

This beautiful new variety was exhibited for the first time at the New York Horticultural Society's rooms on the 2d of October, 1882, and was considered to be one of the greatest acquisitions of its color we have yet had in Dahlias. It is of perfect double form, about two inches in diameter, and of the richest shade of pink; in addition to this, it blooms in the greatest profusion from beginning of August until frost. This quality of *earliness* is of great value, as many varieties of Dahlias come so late in the season as to greatly lessen their value. 50 cts. each; \$4.50 per doz.

SET NEW SINGLE DAHLIAS.

This new section of the Dahlia family has now become exceedingly fashionable, owing to the value attached to the cut blooms, their airy butterfly-like forms giving the flower a grace never attained by the finest double sorts. The flowers range from three to five inches in diameter, all having a bright yellow center surrounded with petals running through all the shades of scarlet, crimson, rose, yellow, orange, white lilac, carmine, etc.

Butterfly. A beautiful shade of pink.

Ballot. Deep carmine; large and showy.

Moonstone. Large, light canary yellow.

Sandusky. Orange; immense size; very distinct disc.

Chancellor. Delicate lilac; large size, free blooming.

Crichton. Maroon, of a rich velvety shade.

White Queen. See special description above. 50 cts.

Corsage. Intense bright scarlet; very fine.

Vicarsage. Bright vermilion; large.

30 cts. each, except where noted; set 9 for \$2.50.

DASYLIRION MOLINA.

A scarce ornamental plant, resembling somewhat in habit the Pandanus. The leaves are very long and narrow, and are covered with small spines.

Price, 75 cts. each; \$7.50 per doz.

ERYNGIUM PANDANA-FOLIA.

A beautiful ornamental leaved plant resembling some of the Dracenas or Screw Pines, but as it is of quick growth and easy propagation, it is sold much cheaper. It produces beautiful blue and purple flowers during the summer and fall months. It makes an excellent room plant, and is also well suited for centers of vases, baskets, &c. It can also be easily grown to an excellent plant for exhibition purposes.

Price, 25 cts., 50 cts., and \$1.00 each, according to size.

**EULALIA JAPONICA
ZEBRINA.**

Unlike all other variegated plants, this has its striping or marking *across* the leaf, instead of longitudinally. It grows from 5 to 7 ft. in height, forming a most striking and graceful plant, resembling nothing else that we know of in cultivation. The expanded flower spike resembles the ostrich plume and when dried, will last for years. Plant entirely hardy. Whether used as a single plant or for groups on lawns it has no equal. (See cut.)

1st size, \$1.00 each.

2d " 75 "

3d " 50 "



EULALIA ZEBRINA.



NEW FEVERFEW, "LITTLE GEM."

**NEW DWARF FEVERFEW,
"Little Gem."**

The great value of the old Dwarf Feverfew for cut flowers during the summer and fall is well known to florists and others. The variety which we now offer for the first time surpasses it in every way. It is very dwarf, attaining a height only of from eight to twelve inches. The flowers are larger, of more perfect form and of the purest white. We had a number of fine plants in our greenhouses last fall grown in pots which were covered with flowers, while the plants were only eight inches high from the top of the pots.

(See cut.)

75 cts. each; \$7.50 per doz.

NEW FUCHSIAS.

To the florist who grows for market, or the amateur who has a few plants, new Fuchsias are always of interest. Our set of this year is particularly fine, being very distinct and a great improvement on the older sorts.

Depute Berlet. Very large and double violet corolla; red tubes and sepals.

Jos. Rosain. Double violet corolla striped scarlet; scarlet tube and sepals.

Le Negre. Blackish crimson corolla; sepals coral.

Nellie Martin. Distinct and beautiful; sepals coral color; corolla double, pure white and *elegantly fringed*.

Mrs. Geo. Bundle. Something in the style of old Speciosa, but larger and better; sepals white; corolla salmon; single.

Ed. Van der Strass. Extra fine double white corolla; deep scarlet sepals.

FUCHSIAS—Continued.

Penduliflora. Rich crimson trumpet shaped flowers, shaded maroon; a winter bloomer.

Sunray. Not new, but always scarce. Beautiful variegated foliage, white, pink, bronze and green; salmon colored flowers.

60 cts. each; set 8 sorts for \$4.50.

GYNURA AURANTIACA.

A new foliage plant which it is claimed will take the same rank among bedding plants as *Coleus Vershaeffelti*. Foliage like purple velvet.

50 cts. each; \$4.50 per doz.

NEW SINGLE PINK GERANIUM.

King Olga.

Undoubtedly the finest single bedding Geranium that has been sent out in many years. That it is destined to supersede *Master Christine*, there can be no doubt, as it surpasses that fine old sort in every respect. The petals are brilliant deep pink, white at the base. The trusses are very large and perfect, and it is the freest-flowering variety of its color. Its strong growth and other good points will make it invaluable.

50 cts. each; \$4.50 per doz.

NEW DOUBLE GERANIUMS.

We offer a set of the finest new French varieties, all of superior merit.

Com. Ott. Large compact truss; glowing crimson.

Etenard. Very dark violet; shaded crimson.

Falcon de Neige. Pure white shaded pink; very large.

Gen. Ballot. Beautiful violet crimson.

“ **Campeon.** Intense dark scarlet.

“ **Saussier.** Shaded salmon and cherry; large.

M. Hardy. Light pink.

Paul St. Victor. Cherry pink; fine.

75 cts. each; set 9, including *King Olga*, for \$5.50.

HELIOTROPE, “Purple and Gold.”

An entirely new style. Foliage golden yellow; flowers large, purple, making a beautiful contrast with the leaves, hence the name “Purple and Gold;” in fragrance and profusion of flowers it is in both respects equal to the best old sorts.

50 cts. each; \$4.50 per doz.

HELIOTROPE, “Swanley Giant.”

In this we have an entirely new color, the first shade of red yet obtained in the *Heliotrope*, the color being what might be termed a carmine rose. The size of the truss is immense; often measuring 10 inches in diameter, and of the most exquisite fragrance.

50 cts. each; \$4.50 per doz.; the 2 sorts for 75 cts.

SET NEW HELIOTROPES.

The delicious fragrance, beautiful colors and easy culture of the *Heliotrope* make them great favorites. The below named are new and distinct.

Fleur d'Ete. Light violet purple with white eye.

Monceau. Beautiful shade of violet.

Md. Koff. White tinted rose.

“ **Schell.** Purple; white eye.

Purple and Gold. (See special description.)

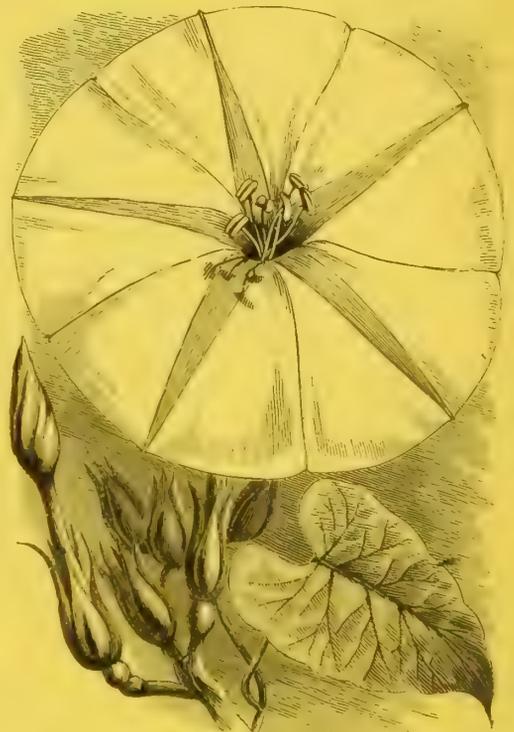
Swanley Giant. (See special description.)

50 cts. each; set 8 sorts \$3.50.

HOYA IMPERIALIS.

A distinct sort, with scarlet flowers. The leaves are a dark green, with a shade of yellow blended through them; a truly magnificent plant when in bloom.

75 cts. each; \$7.50 per doz.



EVENING GLORY, OR MOON FLOWER

“EVENING GLORY,” OR “MOON FLOWER.”

(*Ipomea Noctiphiton.*)

We have issued many thousands of this plant in the past four years, and it is doubtful if any plant we have sent out has given such universal satisfaction. As a climber of rapid growth to cover arbors, verandas, old decayed trees or walls, it has no superior. Its flowers are pure white, 5 inches in diameter, moon-like, and as they expand at night have a striking effect. (See cut, half natural size.)

30 cts. each; \$3.00 per doz.

JUNCUS ZEBRINUS.

A curious looking plant with round rush-like leaves variegated transversely with yellow, like *Eulalia Zebrina*. Said to be hardy.

\$1.50 each.

LILIUM HARRISII.

The great value of this Lily consists in its earliness and free-blooming qualities and the superiority of the individual flower. The flowers are larger than those of *Lilium Longiflorum*, and the curled points of the petals give it additional beauty. Color pure white and very fragrant. This new Lily has the valuable peculiarity of flowering from two to four times in succession without rest. Habit of growth is free but dwarf, the height being from 15 to 24 inches. A single plant frequently has as many as 30 flowers on it at one time.

50 cts. each; \$4.50 per doz.

MAGNOLIA FUSCATA.

A scarce and beautiful species, producing freely flowers of a dark brown color and exquisite fragrance. It is not hardy north of Richmond, Va.; it is well worthy of a place in the green-house or parlor.

\$1.00 each.

NERTERA SCAPINOIDES.

A neat little creeping plant, somewhat resembling the Kenilworth Ivy. Grown in a good sized pot it makes a most attractive plant.

25 cts. each; \$2.25 per doz.

OLEA FRAGRANS.

There is no plant we cultivate that possesses the penetrating sweetness of perfume that this does. The small white flowers that are produced on one plant are sufficient to scent a whole green-house or room.

\$1.00 each.

NEW DOUBLE OLEANDERS.

We offer a collection of the finest new French varieties, which are said to be superior to anything of the kind ever before offered. They haven't yet flowered with us, so we append the raiser's descriptions. Purchasers will bear in mind that the flowers of Double Oleanders on small plants are apt to come partly single, but will come perfectly double when the plant attains some age.

Henri Maries. Soft rose, lightly bordered carmine.

Prof. Durand. Sulphur yellow, straw colored at throat. \$1.50 each.

Md. Peyre. Pure white.

Prof. Planchon. Deep carmine, sometimes with yellow rays.

Md. Chas. Baltet. Soft rose, lightly bordered crimson.

Md. Puech. Delicate rose color.

Splendens Ordinaire. Deep pink.

Morcel. White, shaded salmon.

Gilbert Bravy. Soft rose.

Souv. de Claude Sahut. Clear rose, bordered with carmine shade.

Savort Pere. Salmon colored.

Laure. Clear rose color, shaded violet.

Leon de Lunoret. Clear carmine.

Md. Leon Brun. Deep purplish carmine.

Prof. Porlаторre. Clear rose.

Cousine Marie. Pure white, very double.

Mabrie. Light pink.

75 cts. each, except where noted. Set 17 for \$10.50.

OXALIS BOWIEI.

This superb old variety is probably the finest Oxalis known. The flowers are very large and a peculiar deep crimson color. For baskets, vases, or as a pot plant, we strongly recommend it.

25 cts. each; \$2.25 per doz.

PANDANUS JAVANICA VAR.

A very showy plant for exhibition. Leaves beautifully variegated, white and green.

\$1.00 to \$2.00 each.

PANDANUS VEITCHII.

Resembling, but much finer than the preceding; green, variegated white, the center leaves sometimes coming pure creamy white, without the least sign of green. A magnificent show plant. \$1.00 to \$3.00 each.

PHYLLANTHUS ROSEA PICTUS.

This beautiful ornamental leaved plant always attracts attention. It grows erect and graceful to a height of three feet, the variegation of its leaves being almost unequaled in their gorgeous coloring—a blending of the brightest shades of rose, bronze, green, white and pink. It does splendidly bedded out in the open ground, showing its brightest colors and standing the hot sun perfectly.

Specimen plants, \$1.00 each.



DOUBLE PETUNIA.

SET OF NEW DOUBLE PETUNIAS.

We planted out last year several thousand Petunias, which were grown from carefully hybridized double seed. From the large percentage of double flowered varieties which appeared in the lot we selected twelve kinds, which will constitute probably the finest set of Double Petunias ever offered.

Bogota. Long white tube; edged violet.

Aqueduct. Pure white.

Lady Maud. White edged rose; extra fine.

Tattler. Crimson and white; very double.

Standard. White spotted crimson; fringed.

Shaft. Marbled carmine and white.

Launcelet. Semi-double, crimson, edged white.

Falsetto. Purple and white.

Magician. White blotched maroon.

Heron. Dark fringed, mottled white.

Kentucky. Velvety maroon, speckled white.

Bandit. Light lilac and white.

75 cts. each; set of 12 for \$7.50.

PHORMIUM TENAX VARIEGATA.

We have a few extra large specimens of this, the Variegated New Zealand Flax. They are fan-shaped, 4 feet high and about the same width. Where large decorative plants are wanted there is nothing more elegant than this.

\$15.00 apiece.

We have also a few of the plain green variety of the same size.

Price, \$10.00 each.

The green variety 2 feet high and wide. \$2.00 each.

NEW FANCY HYBRID PETUNIAS.

Our seedling Petunias have justly gained a country-wide reputation. They are one of our specialties to which we devote great attention. All the seed from which these plants are raised was saved from the finest flowers, carefully hybridized by hand. This new race of Petunias is characterized by the immense size of the flowers, and brilliancy of colors, which comprise the varied shades of rose, purple, white, crimson, maroon, pink, etc., beautifully fringed and striped.

Seedlings, mixed, single, 15 cts. each; \$1.50 per doz.
 " " double, 25 " " 2.25 " "

DOUBLE POINSETTIA,

("Poinsettia Pulcherrima Plenissima.")

The single variety of the Poinsettia is known to be one of the most gorgeous of plants, the bracts or flower leaves being often over a foot in diameter and of the most brilliant vermilion color. We grow an area of 3,000 square feet of this plant annually, and the sight it presents when in full bloom at the holidays is worth coming miles to see. The kind above offered is the double variety of this beautiful plant.

Price of the double varieties, \$1.00, \$2.00, \$3.00 and \$5.00 each. The single variety we sell at from 25 cents to \$1.00 each, according to the size.

TRADESCANTIA MULTI-COLOR.

A beautiful new variety, which has proved a great acquisition to our list of basket plants. It is of creeping or drooping habit; foliage brightly marked and streaked with rose, white, pink, bronze, and green.

30 cts. each; \$3.00 per doz.

SALVIA PATENSALBA.

Identical with the beautiful blue variety *Salvia Patens*, but with pure white flowers.

75 cts. each; \$7.50 per doz.

SALVIA RUTILANS. (Apple-Scented.)

Produces very freely neat spikes of magenta-colored flowers; graceful foliage, with a very agreeable fragrance.

50 cts. each; \$4.50 per doz.

SALVIA AMABILIS.

Unquestionably the freest flowering of all the *Salvias*. Small plants, set out the first of June last year, were a sheet of bloom all summer. Color deep violet, shaded porcelain blue and white. A splendid flower to cut for bouquets.

50 cts. each; \$4.50 per doz.; the three sorts for \$1.50.

NEW DWARF STEVIA.

(*Stevia Serrata Nana.*)

A very distinct variety of the well-known winter-flowering *Stevia Serrata*, which was offered for the first time last year. It never grows over 18 inches high, and it produces a far denser mass of flowers than the old variety, the flowers are whiter, and it is a great improvement in every respect.

1st size, 75 cts. each; \$7.50 per doz.
 2d " 50 " " 4.50 "
 3d " 25 " " 2.25 "

STENOTAPHRON.

This plant is supposed to be a native of Japan, and has proved to be one of the most desirable plants for baskets, vases and urns, and for a bracket in window decoration it

has no equal, its elegant grass-like foliage, striped with white and creamy-yellow, with long pendant shoots of from one to two feet in length, are remarkably distinct. The cultivation is of the very easiest, succeeding admirably in any common soil. The plant has also proved a great acquisition in the now popular carpet and pattern bedding designs.

30 cts. each; \$4.50 per doz.

NEW DOUBLE TROPEOLUM,

"Herman Grasshoff."

A very distinct sort of considerable value. Flowers from two to three inches across, of a bright orange-scarlet color. As double as a Balsam flower.

30 cts. each; \$3.00 per doz.

NEW BEDDING TROPEOLUM,

"Volcano."

Of dwarf, compact habit, attaining a height of only nine inches with us last season. Color very dark vivid scarlet. One mass of bloom throughout the summer.

30 cts. each; \$3.00 per doz.; the 2 for 50 cts.



NEW VERBENA, "AMERICA."

NEW VERBENA, "America."

Among the thousands of seedling Verbenas that we have raised in the past twenty years, we have never produced one that equals this. The individual florets are larger than those of any variety of its color, being one inch in diameter. The trusses are 3½ inches across and of perfect form. The color is a striking shade of crimson scarlet with an immense white eye. It was pronounced by many leading florists, who saw it in our grounds last summer, to be the finest Verbena ever yet produced. The engraving gives but an indifferent idea of its grand appearance.

75 cts. each; \$7.50 per doz.

SET NEW VERBENAS, 1884.

There are already so many fine Verbenas that we have to be very careful in sending out a new set. We raised 5,000 seedlings last summer, and these were selected as having points of superiority over existing kinds.

- Alla.** Deep velvety maroon.
 - America.** See special description. 60 cts.
 - Darwin.** Light maroon; white eye; large.
 - Ghost.** Pure white; fine habit.
 - Lena.** Light scarlet; white eye.
 - Marmion.** Crimson and white; striped.
 - Onward.** Rose color, white center.
 - Paul Revere.** Carmine lilac.
 - Priscilla.** Purplish blue; white eye.
 - Quadroon.** Violet purple; large.
 - Republic.** Indigo blue.
 - Sangra.** Blood color.
 - Sunburst.** Carmine scarlet; very large.
 - Zazel.** Blood red crimson; white eye.
- 30 cts. each; \$3.00 per doz., except where noted.
Full set 14 sorts, including America, for \$4.50.

WISTARIA SINENSIS ALBA.

Flowers borne in long, drooping clusters, as in the blue variety; pure white in color, making a most striking and elegant contrast. We offer plants such as can scarcely be found elsewhere. They average from 4 to 10 feet in length.
\$1.00, \$3.00 and \$5.00 each; according to size.

NEW DOUBLE WHITE VIOLET,

"Swanley White."

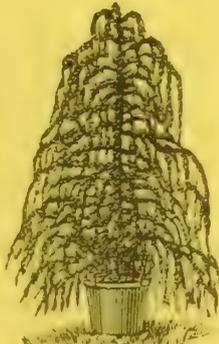
In this we have that great desideratum, a pure white Violet, which is never tinged with pink or purple under any conditions. It will be equally valuable as the purple variety "Marie Louise" (from which it is a sport) for forcing, as its flowers are the same size and are as freely produced as in that variety. Exquisitely fragrant. The Swanley White will be a novel feature in bridal bouquets and other fine floral work.

75 cts. each; \$7.50 per doz.

GENERAL COLLECTION.



ABUTILON.



AMARANTHUS.

ABUTILON; or Chinese Bell Flower.

Flowering shrubs growing from two to six feet in height; flowers pendulous, bell-shaped; blooming in abundance during the entire season; now much used for flowering in winter.

There has been a very great improvement in this class of plants. Six years ago, two or three shades of crimson and maroon were about the only colors to be found. Now we have white, pink, crimson, maroon, and golden yellow in endless variety. Our set contains the best and most distinct representations of all these colors.

- Arthur Belsnam.** Large, dark crimson flowers.
- Aug. Rossold.** Variegated foliage, yellow and green.
- John Hopkins.** Bright canary yellow.
- Mrs. Roenbeck.** Bright red.
- Roseflora.** Beautiful rose color.
- Robt. George.** Salmon, veined crimson.
- Snowstorm.** Finest white.
- Duc de Malakoff.** Flowers crimson, veined.
- " " " Var.** Variegated foliage.
- Darwinii.** Bell-shaped; light maroon orange.
- Mesopotamicum.** Flowers scarlet and yellow.
- " " " Var.** Leaves variegated.
- Ed. Beranger.** Yellow and scarlet.
- Santana.** Flowers brownish crimson.

- Thompsonii.** Leaves mottled, golden yellow.
 - Boule de Neige.** White.
 - Vesuvius.** Intense crimson.
- 15 cts. each; \$1.50 per doz.; 17 sorts for \$2.50
For the Double and other new varieties—see page 99.

AMARANTHUS.

(READY MAY 15TH.)

Nothing can compare with these during summer and fall for the rich effects produced by the unusually bright and handsome coloring of their foliage; they are largely grown in masses or in ribbon-lines. They are tender annuals, and should not be planted out until May 15th.

- Tricolor Giganteus.** Scarlet, crimson and yellow.
 - Bicolor Ruber.** Scarlet crimson.
 - Salicifolius.** Willow-leaved. (See cut.)
- 13 cts. each; \$1.50 per doz.

AUCUBA JAPONICA VARIEGATA.

A half-hardy evergreen shrub, with rich, glossy green leaves, with golden yellow spots; hardy south of Washington; well-fitted for center of vases or baskets in shaded places in summer.

30 cts. each; \$3.00 per doz.

AMARYLLIS.

- | | |
|----------------------------------|--------|
| Amaryllis Johnsonii | \$.75 |
| " Greviana | 75 |
| " Atamasco | 50 |
| " Aulica | 1.00 |
- Set of 4 for \$2.50.

ANEMONE JAPONICA—WHITE AND PURPLE.

Two varieties of one of the finest late-flowering, hardy herbaceous plants. They begin blooming about the middle of September and continue in perfection until November, being one of the last flowers seen in the garden. An excellent plant for Cemetery purposes. Though not new, it is quite a scarce plant.

Extra large plants, \$1.00 each; \$9.00 per doz. (Now ready.)
Small plants, 30 cts. each; \$3.00 per doz. (Ready April.)

AZALEA INDICA ALBA.

The large, pure white, single variety. This is a most appropriate plant for cemetery decoration. There are plants of it in the Greenwood Cemetery of Brooklyn, L. I., six feet high by six feet in diameter; they have stood hardy there for a dozen years. When in bloom in spring and early summer they present a perfect sheet of white.

1st size, 60 cts. each; \$6.00 per doz.
2d " " " " 3.00 "
3d " " " " 2.25 "

AZALEA, "Flag of Truce" (Double).

One of the most beautiful of all the *Double Azaleas*. Flowers snow white, 2 inches in diameter; growth compact and symmetrical; one of the most valuable flowers for use in bouquets, etc., in winter.

1st size, fine plants, \$1.50 each.
2d " " " " .75 "
3d " " " " .30 "

AZALEAS.

Our stock of Azaleas is one of the largest in the country, and we can offer fine sized blooming plants of the finest varieties at low rates. We have over 75 varieties in our collection, but think that the following list contains all the most desirable.

- Auralia.** Double; blotched rose; white, salmon, and crimson.
A. Waracque. Very rich carmine.
Alba Striata. White striped carmine.
Amoena Hybrida. Small; semi-double; light purple flowers; very profuse.
Daphne. Finest double white. See new plants.
Carl Koch. Semi-double; orange scarlet; very fine.
Countess de Flandre. One of the largest; color deep pink; extra fine.
Iveryana. Blush; upper petals spotted crimson.
Jacques Van Artevelde. Spotted salmon; pink, white, and crimson.
Johannis Guttenberg. Carmine; upper petals maroon.
Jas. Warduer. Orange scarlet.
Lena. White blotched; flesh color.
L. L. Liebig. Brilliant carmine; upper petals spotted.
Minerva. Orange scarlet.
Mme. Michel. Salmon rose; petals blotched red.
Maitlandii. Light orange.
Princess Mary. Rose shaded crimson.
" **de Nassau.** Large; pink; upper petals crimson.
Philip Wilson. Carmine rose.
Princess Carola. Pure white; very large.
" **Helene.** Bright magenta; upper petals cherry.
Princess Teck. Clear salmon; very large; extra fine.
Pauline Warduer. Carmine; upper petals red.
Pulcherrima. Very dark pink; semi-double.
Phoenicia. Pure magenta; spotted crimson.
Rubens. Orange scarlet; upper petals spotted maroon.
Reine des Roses. Carmine rose; splendid sort.
T. Von Maing. Bright scarlet; pink throat; upper petals spotted crimson; very profuse.
Vittata Fortunelli. White striped; light purple.
Valeria. Semi-double; orange scarlet; upper petals spotted maroon, with intense shading of magenta.
Vulcan. Deep orange scarlet; shaded maroon.
Wm. Bull. Very large; semi-double; scarlet, with magenta tint; upper petals maroon.
Flag of Truce. See special description. \$1.50 to 30 cts.
Indica Alba. Large; pure white; single; hardy as far north as N. Y. in sheltered situations.
1st size, 60 cts. each; \$6.00 per doz.; set of 33 sorts for \$15.00.
2d " " 30 " " 3.00 " " " " " " " " 7.50

THE FIVE BEST ACHYRANTHUS.

We have previously offered a collection of eight varieties of this popular bedding plant, but having found that these 5 kinds contain all the colors and best features we now grow them exclusively, and have discarded the others.

- Collinsii.** Very dwarf and compact; yellow, pink and green; the yellow predominating.
Emersoni. Maroon, changing to pink.
Hoveyi. Carmine, shaded dark and light pink.
Casii. Golden yellow; veined green.
Woolseyi. Dark metallic crimson, almost black.
20 cts. each; \$2.00 per doz.; set 5 for 75 cts.

ALYSSUM (SWEET), COLOSSUS.

A large growing, free-flowering Alyssum. Its flowers are twice the size of the old variety, and equally fragrant.
25 cts. each; \$2.25 per doz.

ALYSSUM (SWEET) VARIEGATED DOUBLE.

In addition to its being double, the variegation of foliage is more marked and distinct than in the single variegated variety, making it more valuable either for vases, baskets, or for variegated ribbon lines.
25 cts. each; \$2.25 per doz.

ALYSSUM (SWEET) DOUBLE WHITE.

Similar in every way to the single sweet Alyssum, but with double flowers. Valuable for cut flowers at all seasons.
25 cts. each; \$2.25 per doz.

ALYSSUM (SWEET) TOM THUMB.

See Novelties, Page 100.

ALYSSUM (SWEET) VARIEGATED SINGLE.

Similar to single white, with variegated leaves.

25 cts. each; \$2.25 per doz.; set of 5 sorts for \$1 00.



ANTIRRHINUM



AURICULA.

**ANTIRRHINUM,
(Snap Dragon).**

We offer this year an unusually fine lot of Antirrhinums, seedlings from seeds saved from the finest and most beautiful flaked, mottled, and striped varieties in cultivation. (See cut.)
15 cts. each; \$1.50 per doz.

AURICULA.

The old-fashioned English Dusty Miller; an early spring blooming plant of the Primrose order; flowering very abundantly; flowers of various shades of yellow, crimson, and maroon; of exquisite fragrance. (See cut.)
30 cts. each; \$3.00 per doz.

ALLAMANDA NERIFOLIA.

A compact-growing greenhouse shrub, having large, trumpet-shaped, bright yellow flowers, which are borne in great profusion nearly the entire season.
50 cts. each; \$4.50 per doz.

ALLAMANDA HENDERSONII.

A valuable green-house plant, having large, deep yellow flowers four inches in diameter. It can be trained to climb, or can be grown in bush form, as desired. It blooms nearly the entire season. A splendid plant.
30 cts. each; \$3.00 per doz.

**ANTHERICUM REPENS VITATUM
VAR.**

Leaves variegated with white and green stripes; one of the best plants for hanging baskets or out door bedding.
30 cts. each; \$3.00 per doz.

AGERATUM.

Old garden favorites, blooming continually throughout the summer months, and also making excellent winter-blooming plants; well adapted for bouquets, baskets of cut flowers, etc.; of the easiest culture.

- Blanche.** Pure white.
White Tom Thumb. Six inches in height, profusely covered with bluish-white flowers.
Blue Tom Thumb. Habit the same as the preceding, with flowers of a beautiful porcelain blue.

AGERATUM—Continued.

Imperial Dwarf. A variety of "A. Mexicanum," which it resembles; flowers blue.

John Douglas. Best blue; valuable for massing.

Mexicanum. Flowers light blue.

Mexicanum Var. Leaves variegated with creamy white; flowers blue; very desirable.

Prince Alfred. A delicate lilac shade.

15 cts. each; \$1.50 per doz; set of 8 sorts for \$1.00.

AKEBIA QUINATA.

A beautiful, hardy, evergreen climber, attaining a height of twenty feet, flowers dark brown, and deliciously fragrant. One of the most valuable climbing plants.

30 cts. each; \$3.00 per doz.

ALTERNANTHERA.

Plants with beautiful variegated foliage, growing from twelve to twenty-four inches in diameter, and six inches in height, used principally for ribbon lines, borders, or for forming carpet beds; the leaves are tinted, bordered, blotched, margined, and variegated in almost every conceivable form, with the brightest colors; bright carmine and crimson tints prevailing.

Aurea. Golden yellow.

Amena. Leaves yellow, brown and rose.

Latifolia. Broad, smooth, autumn-tinted leaves.

Magnifica. Leaves yellow, scarlet, and green.

Parychoides. Leaves green, crimson, and straw color.

Parychoides Major. (See page 100.) 25 cts.

Spathulata. Leaves tinted carmine and green.

Versicolor. Leaves tinted rose and crimson.

Aurea Nana. (See page 99.) 30 cts.

15 cts. each; \$1.50 per doz., except where noted; set of 9 sorts for \$1.50.

ALOYSIA CITRIODORA.

(Lemon Verbena.)

A well-known shrub, indispensable for the delightful fragrance of its leaves in the construction of bouquets, etc.

15 to 25 cts. each.

ALTHEA FRUTEX VAR.

(Variegated-leaved "Rose of Sharon.")

A variegated-leaved variety of this popular shrub, with the leaves distinctly margined with pure white; flowers purple; grows to a height of 10 to 12 feet.

1st size, \$1.00 each.

2d " .80 "

\$3.00 per doz.

AMPELOPSIS VEITCHII.

(A. Tricuspidata.)

A slender growing variety of the Virginia Creeper; the young growth during summer is a dark purplish green, changing in fall to the brightest tints of scarlet, crimson, and orange. It clings to stone work, trees, etc., and is a splendid plant for covering unsightly objects; it attains a height of fifty feet. Every year adds to the popularity of this plant as a climber. This is the climbing plant so much used in covering the fronts of houses in Boston. Perfectly hardy.

Extra sized plants, 50 cts. each; \$4.50 per doz.

2d size, 25 " " 2.25 "

3d " 15 " " 1.50 "

AMPELOPSIS TRICOLOR.

The leaves of this variety are elegantly variegated with white, pink, and green, and the bluish purple berries with which it is covered in fall, adds greatly to its beauty; a splendid basket plant or for covering rockwork.

30 cts. each; \$3.00 per doz.

AMPELOPSIS QUINQUEFOLIA.

This is the well-known Virginia Creeper found wild in many parts of the country. It is a fast grower, of strong habit; leaves splendidly colored in the fall.

25 cts. each; \$2.25 per doz.

AMPELOPSIS BIPINNATA.

A finely marked, cut-leaved variety of the "Virginia Creeper," equally hardy and entirely distinct, making a novel and valuable plant for covering walls or trees; color of autumn foliage, crimson, scarlet, yellow, etc.

30 cts. each; \$3.00 per doz.

ARDISIA CRENULATA.

A green-house shrub, with dark, evergreen leaves bearing clusters of bright red berries, which remain on the plant a long time; very ornamental.

1st size, 75 cts. each; \$7.50 per doz.

2d " 30 " " 3.00 "



ASTILBE JAPONICA.

ASTILBE JAPONICA (Spirea Japonica).

One of the finest of hardy garden plants; when in flower it is about one and a half feet in height. The flowers are borne in branching feather-like spikes of purest white. It is used extensively for forcing for flowers by the bouquet makers. One of the very best plants for cemetery purposes. (See cut.)

1st size, 30 cts. each; \$3.00 per doz.

2d " 20 " " 2.00 "

ARMERIA MARITIMA (Sea Pink).

This is the well-known "Sea Pink." It is perfectly hardy; does well in all situations; flowers bright pink, very useful for bouquets. Flowers through the spring, summer, and fall.

20 cts. each; \$2.00 per doz.

ACHIMENES.

A beautiful class of plants that are largely grown in Europe, but not yet generally here. Flowers 1½ inches in diameter, embracing the different shades of pink, carmine, purple, and rose.

30 cts. each; \$3.00 per doz.

Set 6 distinct varieties for \$1.50.

BOUVDIAS—In Variety.

These are now among the most important plants cultivated for winter flowers, owing to the yearly increasing variety of color and their excellent adaptation for that purpose. They are also effective as bedding plants for the lower garden, beginning to bloom in August and continuing until frost. They require considerable heat—an average of 70 degrees in winter.

Oculata. (See page 100.) 50 cts.

Double Pink. New. (See page 100.) 50 cts.

Double White. New. (See page 100.) 50 cts.

Elegans. Bright carmine.

Humboldt. Large white.

Leiantha. Dark, dazzling scarlet.

Lutescens. Rich yellow.

Rosea Multiflora. New. (See page 100.) 75 cts.

Davidsoni. White, fine form.

Lady Hyslop. Pink.

Candidissima. White, fine.

Sanguinea. New; crimson.

30 cts. each; \$3.00 per doz., except where noted.

Set of 12 sorts for \$4.50.

BEGONIA REX, Ornamental-Leaved.

Grown for the beauty of the foliage. The leaves are large, variegated and covered with a peculiar silvery metallic gloss. Are mainly used for pot-plants, or in Wardian cases, ferneries, etc., but do finely in shaded places in summer out of doors.

1st size, 50 cts. each; \$4.50 per doz.

2d " 30 " " 3.00 "

BEGONIA (Flowering.)

Plants adapting themselves to a variety of uses; are used for planting in the garden for summer decoration, or as pot plants, or for forcing for cut flowers; are very easily grown, but require heat—an average of 65 degrees at night during winter is necessary. The flowers are beautiful, drooping in graceful panicles of various colors, as given below. They are largely used in the construction of bouquets, etc., by florists.

- Argentea.** (See page 100.) 50 cts.
Agyrostegya Veitchii. Flowers pink; leaves spotted white.
Carnea. Flowers bright carmine.
Dogswelliana. Flowers bright scarlet.
Foliosa. White, with neat, drooping foliage.
Fuchsoides Alba. Flowers pure white.
Hybrida Multiflora. Small leaves, rosy pink flowers.
Ingramii. Rose color.
Miniata. Coral red.
Nitida. Flowers light flesh color.
Nitida Alba. Flowers white.
Richardsonii. Flowers white; leaves finely divided.
Rubra. (See page 100.) 50 cts.
Sanguinea. surface of leaves olive, under side crimson.
Matallica. (See page 100.) \$1.00.
Saundersonii. Flowers bright scarlet crimson.
Washingtoniana. Pure white.
Weltoniensis. Flowers rich shade of pink.
Weltoniensis Alba. Flowers white
 30 cts. each; \$3.00 per doz., except where noted.
 Set of 19 sorts, \$6.00.
 (For newer sorts and tuberous-rooted varieties, see page 100.)

BALSAMS—DOUBLE.

READY MAY 15TH.

We offer a strain of these double and symmetrical in form as a Camellia. These very double Balsams are used more than anything else for the making up of bouquets, or other cut-flower work in summer.

15 cts. each; \$1.50 per doz.



GROUP OF CLEMATIS.

CLEMATIS—Newer Sorts.

Recently, the improvements made both in the size and coloring of the Clematis have been very decided and marked, and we have now a wide range of color, varying from white to dark blue and velvety purple; and scarlet, as in *C. coccinea*. They are perfectly hardy, of rapid growth, attaining a height of twenty feet, and blooming during the greater part of the summer and fall. The effect produced by a well-grown plant, when in bloom, is grand. We offer thirteen of the best distinct sorts. (See cut.)

- Alexandra.** Pale reddish violet.
Albert Victor. Lavender.
Crispa. Pinkish white, bell shaped.
Coccinea. Scarlet. 50 cts. (See cut, page 101.)
Double White. White; double.
Jackmani. Intense violet purple.
Languinosa Nivea. Pure white.
Lady Londesborough. Silver gray, pale stripes or bars.
Rubra Violacea. Maroon-purple.
Rosamond. Light lavender.
Standishi. Light mauve-purple.
Star of India. Plum color, with red bars or stripes.
Flamula. (See Special Description below.) 30 cts.
 75 cts. each, except where noted; \$7.50 per set of thirteen.
 2d size, 50 cts. each; \$4.50 per set.

CLEMATIS FLAMULA (Fragrant Virgin's Bower).

This is an old and well-known species, entirely distinct from most of the above; flowers pure white, deliciously fragrant. The plants attain a height of twenty feet, and when trained on trellis work, and in full bloom, look like a mass of snow. The odor is perceptible at a distance of 200 yards. Hardy.
 30 cts. each; \$3.00 per doz.

CALLA ETHIOPICA ("Lily of the Nile")

A fine house plant. It requires an abundance of water during the growing season, and should have a period of rest from May to August, by turning the pots on their sides in some shady place. 30 cts. each; \$3.00 per doz.

Extra large plants, \$1.00 each; \$10.50 per doz.

CAMPSIDIUM FILICIFOLIUM.

An elegant climber, of rapid growth, for greenhouse culture, the leaves of which much resemble the fronds of a fern in miniature, giving it an unusual graceful appearance. It may be grown as a pot plant, or trained to the rafters. Very desirable
 40 cts. each; \$4.00 per doz.



CALADIUM.

CALADIUMS—In Variety.

We offer a superb collection of Caladiums. They assume every imaginable color in their variegation of spotting, veining and marbling of leaves. The cut represents *Argyrites*, a beautiful, white-spotted variety, one of the smallest growing kinds, and in partial shade, in moist soil, most of the varieties do well planted out in summer, but their great value is for exhibition plants, for fairs, in summer and fall, or for ornaments for parlor or greenhouse, when pot-grown. (See cut.)

25 distinct sorts. 30 cts. each; \$3.00 per doz.; set of 25 sorts, \$6.00.
 25 distinct sorts, newer and scarcer varieties, 50 cts. each; \$4.50 per doz.; set of 25 sorts, \$10.00.

CALADIUM ESCULENTUM.

A tropical plant of the well-known family of Caladium growing to a height of three or four feet, with corresponding breadth. The leaves are of immense size, often eighteen inches by two feet. As a single plant for lawns or large flower borders it has no superior.

25 cts. each; \$2.25 per doz.
 Large, 50 cts. each; \$4.50 per doz.
 Extra large bulbs, \$1.00 each; \$9.00 per doz.



CALCEOLARIAS.

CALCEOLARIAS, HERBACEOUS.

Hybrida Superba. An exceedingly fine strain, spotted and marbled in all shades of yellow, maroon, rose, white, and crimson. Completely covered in spring with pocket-like flowers. (See cut.)
25 cts. each; \$2.25 per doz.

CALCEOLARIA.

Shrubby. All colors; brown, pink, yellow, maroon, etc.
25 cts. each; \$2.25 per doz.

"Shower of Gold." (See description, page 103.)

CANNA INDICA (Newer Sorts).

Plants used largely in sub-tropical gardening, for the grand effect which their rich and varied-colored leaves produce. The sorts below named are the finest we can select from our collection of over 60 varieties, old and new. They combine the most striking tropical foliage with flowers many of them equal to Gladiolus.

Admiration. Foliage sea-green, margined red; 5 feet high; flowers dark scarlet.

Aug. Ternier. Large, showy, dark green leaves, tipped red; 7 feet high.

Bihorelli. Dark green foliage, shaded with chocolate; 3 feet high.

Amazon. Foliage green; flowers canary yellow, very fine; 4 feet.

Canrobert. Foliage dark; vermilion scarlet flowers; 6 ft.

Creole. A very fine dark variety; 6 ft.

Erin. Foliage green; orange and scarlet flowers; 4 ft.

Golden Fleece. Green foliage; flowers straw color; 5 feet.

Oriole. Green leaves; flowers deep orange color; 6 feet.

Tricolor. Variegated foliage, orange flowers.

Daniel Hooibrenck. Four feet high; deep green slightly margined purple; flowers dark orange.

Indica Variegata. Light green, ovate leaf; beautifully ribbed; 6 feet high.

Metallica. Foliage dark chocolate-tinted green; flowers Indian red; 4 feet high.

Md. Schmidt. Broad ovate leaf, flowers dark orange scarlet.

Nardy. Five feet high; deep green, margined brown; flowers Indian red.

Plankerii. Dark green, broad, ovate leaf, orange-colored flowers.

Princesse de Neice. Five feet high; broad, deep green leaf; flowers light canary.

Surprise. Narrow, green, lanceolate leaves; flowers deep orange-scarlet.

Warscewizii. Green foliage, margined red; 3 feet high; flowers intense crimson.

25 cts. each, except where noted; \$2.25 per doz.

Set of 19 varieties for \$4.00.



CARNATION SNOWDON.

NEW MONTHLY CARNATION, "Snowdon."

This cut gives a fair representation of this most valuable Carnation. Its merits are that the flowers are of the purest white, borne in unequalled profusion on plants that rarely ever exceed one foot in height. This quality of dwarfness makes it exceedingly valuable, as it can be grown close to the grass on front benches of the green-house. As a pot-plant for the parlor, or for market purposes, it has no superior.

Stock plants, 50 cts. each.

Strong, well-rooted plants, in 3-inch pots, 25 cts. each; \$2.25 per doz.

CARNATION, "Lady Emma."

A scarlet similar to "Firebrand" in color, having a dwarf, compact, profuse flowering habit. We offer fine plants at a low price.

Stock plants, 75 cts. each; \$7.50 per doz.

3-inch " 25 " " 2.25 "

MONTHLY CARNATION

"Peter Henderson."

Nanz & Neuner, of Louisville, Ky., have complimented us by naming this Carnation as above. It is one of the freest winter-flowering varieties; largest size and pure white.

25 cts. each; \$2.25 per doz.

CARNATION, "King of the Crimson."

This has now become a standard sort around New York, where the cut-flower dealers consider it almost indispensable. The flowers are a dark rich shade of crimson maroon, and are produced so freely that it is one of the most profitable varieties now grown.

Large stock plants, 50 cts. each; \$4.50 per doz.

Smaller, 25 cts. each; \$2.25 per doz.

CARNATION, "Queen of Whites."

Flowers very large and snow white. It is a very strong grower. An excellent forcing variety.

30 cts. each; \$3.00 per doz.

CARNATIONS, MONTHLY—General Collection.

Indispensable either for the decoration of the flower-garden in summer or for the green house or parlor in winter. The varieties we name are among the finest of this beautiful class, and of nearly every shade and marking, and most of them of rich clove fragrance. This class of Carnations is entirely hardy in all places where the thermometer does not fall below zero. We have cut out from our list all inferior kinds, and only offer such as are really the finest.

Buttercup. (See page 102.) \$1.00.

Philadelphia. Bright scarlet. 50 cts.

Romy Morn. (See page 102.) 75 cts.

CARNATIONS, MONTHLY—Continued.

- Astoria.** White, fringed yellow and scarlet. 50 cts.
Geo. Washington. White, striped carmine.
Mary Dacre. White, tinged pink.
H. W. Beecher. White, flaked purple.
Bonnie Doon. Bright magenta.
Sarah Mead. White, spotted rose.
Charmers. Striped red and white.
King of Crimson. (See special description.)
Dolly Varden. White, edged crimson; finely fringed.
Seawan. Dwarf crimson; new. 50 cts.
Lady Emma. (See special description.)
Seaucus. Bright pink.
Lydia. (See special description, page 102.) 50 cts.
Sunset. Yellow.
La Purite. Carmine; dwarf and profuse.
La Purite Var. A striped variety of the above.
Peter Henderson. (See special description.)
Vixen. Fiery scarlet.
Snowdon. (See special description.)
Shellflower. Rosy pink.
Purpurea. Dark purple; very distinct.
Queen of Whites. Large white.
Miss Joliffe. Beautiful flesh color.
Elmwood. Splendid scarlet. 30 cts.
 25 cts. each, except where noted; \$2.25 per doz.; set of 27 varieties for \$6.00.

CARNATIONS—The Best Winter Flowering.

Our extensive experience in growing plants for winter blooming shows us that in carnations, at least, the number of varieties that yield a great profusion of bloom is very limited. Below will be found a list of the leading sorts grown in this vicinity.

- Philadelphia.** Bright scarlet. 50 cts.
Peter Henderson. Large white.
Seaucus. Carmine pink.
La Purite. Carmine; dwarf; profuse.
King of Crimson. Dark crimson maroon.
Snowdon. White; dwarf.
Seawan. Dwarf crimson; new. 50 cts.
Lydia. Orange and rose. 50 cts.
 25 cts. each; \$2.25 per doz., except where noted; \$15.00 per 100. Set of 8 for \$2.50. Extra large plants of these sorts in the fall at double the above rates.



CARNATION—HARDY GARDEN VARIETIES.

CARNATION—Hardy Garden Varieties.

Very attractive garden plants; perfectly hardy. All shades of white, pink, crimson, violet, maroon, etc. (See cut.)
 20 cts. each; \$2.00 per doz.

CLERODENDRUM BALFOURI.

A stove-climber of great beauty. The flowers, which are of a bright scarlet, are encased by a bag-like calyx of pure white; the trusses or panicles of flowers are upwards of six inches in width, and, when trained upon the trellises, and hanging down, have a rich and elegant appearance; continually in bloom.

30 cts. each; \$3.00 per doz.

CAMELLIA, JAPONICA.

Double White. \$1.00 to \$3.00 each.
Colored. In variety, 50 cts. to \$1.50 each.

CHRYSANTHEMUM FRUTESCENS,

"Paris Daisy."

This is the "Marguerite" of the Paris markets, the flowers of which are now so fashionable during the winter. Flowers which resemble the common field Daisy; a white ray of petals with a yellow disc.

30 cts. each; \$3.00 per doz.

GOLDEN "PARIS DAISY," ETOILE D'OR.

Similar to the preceding in all respects, excepting the color, which is clear golden yellow; both petals and disc.

30 cts. each; \$3.00 per doz.

CEREUS (Night-Blooming Cactus.)

Triangularis. Stems triangular, flowers white.
Grandiflorus. True night-blooming cactus, straw color.
 30 cts. each; the 2 sorts for 50 cts.

CYPREPIDIUM INSIGNE.

(Moccasin or Slipper Flower.)

A terrestrial Orchid of easy growth. The flowers are green, red, and orange.

\$1.00 each; \$9.00 per doz.

CHINESE CHRYSANTHEMUMS.—Large Flowering.

Chrysanthemums for the past three seasons have become in New York and all our large Eastern Cities, the most fashionable and prized of all autumn flowers—hundreds of thousands being sold during the season. By far the best season to buy is spring, as the plants grow rather too large to be shipped in fall. There is no plant we cultivate, with the exception perhaps of the Dahia, that assumes such an extended variety of colors as the Chrysanthemum. Being entirely hardy and of free growth, they can be grown on almost any soil and situation with but little care. They are also valuable grown in pots as green-house or parlor plants during early fall or winter months.

- Aurea Multiflora.** Pure yellow.
Barraba. Rich, bright golden yellow.
Hollivar. Imbricated, yellow changing to lilac.
Countess of Granville. Pure white; large and fine.
Emily Dale. Pale straw color.
Golden Eagle. Orange yellow.
Gerda. Bright orange.
Geo. Glenn. Amber yellow; extra fine.
Golden Empress. Primrose yellow; large flower.
Golden Queen. Deep golden yellow; fine.
Id. Grame. Large pure white; fine form.
Mrs. Geo. Kundle. Best white in cultivation.
Mongolier. Dark amber.
Princess. Bright Indian red.
Princess Teck. Pure white; large and full.
Retulgence. Rich purple maroon.
Ruth. Pink.
Spotless. New white. 50 cts.
Queen of Lilacs. Light shade of lilac.
Virgin Queen. Large pure white; quilled.
Venice. Lilac and peach.

20 cts. each; \$2.00 per doz; \$3.50 per set of 21 varieties.
 For the "12 best," see end of catalogue.

25 "PRIZE VARIETIES" JAPANESE CHRYSANTHEMUMS.

The hybrids from the Japanese section are exceedingly interesting in their varied forms and markings, together with the enormous size of the flowers of some of the varieties, many of them being five inches in diameter. They also, in some of the varieties, possess the valuable property of flowering during the winter months, when desired, by pinching off the buds as soon as formed in October. They are as hardy as the ordinary Chinese sorts.

Japanese Flowering.

- Abd-el-Kader.** Rich crimson maroon.
Bouquet National. Suffused white.
Beau Siljaur. Violet carmine; tipped white.
Cite des Fleurs. Velvety crimson; amaranth frizzed petals.
Constance. Brilliant deep crimson; golden tips.
Dr. Macary. White, tinted rose color.
Early Red Dragon. Fiery crimson; golden tips.
Fair Maid of Guernsey. Pure white; entirely distinct.
Favorite Rose. Pretty rose color.
Juvena. Very dark maroon; thread-like; very striking.
Gloire de Toulouse. Crimson and white; extra fine.
Incomparable. Yellow, brown, and crimson; very fine.
La Chinoise. Dark maroon; golden tips.
Mons. Chas. Huber. Crimson, tipped gold.

Mlle. Anna Deleaux. White tinted rose.
Md. Audeguier. Rosy lilac, tinted mauve.
Md. Toulouise. Incurved and shaded rose color, center yellowish white.
M. Fittere. Deep rosy red; light center.
Miss Jeannie. Ruby crimson.
Ne Plus Ultra Nova. Lilac; golden tips.
Rose Mignonne. Delicate rose, striped white.
Souce d'Or. Golden twisted florets, tipped yellow.
Sesostria. Mahogany; yellow center.
Sarnia. White; pink stripe; distinct.
Zelia. Pink and white.
 20 cts. each; \$2.00 per doz.; set 25 varieties for \$4.50.
 For "12 best," see end of catalogue.

POMPONE CHRYSANTHEMUMS.
Small Flowering.

Amphilla. Scarlet crimson.
Aurora. Orange.
Aspasia. Pure white.
Boule de Neige. White.
Bolivar. Yellow, changing to lilac.
Carminata. Maroon and golden bronze.
Donna Carnea. Flesh white.
Fimbriata. Rosy lake, suffused white, yellow center.
Golden Creste. Bright yellow.
Fin d'Amour. Purple.
Le Brazier. Deep Brown.
Lucrece. Reddish brown, tipped yellow; extra fine.
La France. Blush.
Mrs. Aristeo. Deep canary yellow; fine.
Mrs. Campbell. Crimson.
Model of Perfection. Lilac and yellow.
Peri. Dark yellow, with red points.
Princess Meletia. Fimbriated, white; one of the best for cut flowers.
Toussaint L'Ouverture. Rose pink tipped yellow, golden center.
Zebra. Lilac and pink
 20 cts. each; \$2.00 per doz.
 Set 20 for \$3.50.
 Full collection 66 varieties for \$10.00.



COLEUS.

COLEUS.

This beautiful family of ornamental foliage plants has been steadily increasing the beauty and diversity of its varieties ever since its introduction; but we have never had such

a decided "break" in them as occurred in '57'. We now have the most gorgeous shades of pink, maroon, rose, violet, yellow, crimson, etc. Coleus are one of our specialties and our collection is unrivaled.

Md. Jamain. Crimson and yellow.
Xantho. Clear yellow, rimmed green.
Glory of Autumn. Deep crimson bronze, margined gold.
Spotted Gem. Yellow ground, regularly blotched crimson, green, and orange.
Beacon. Dark claret color, almost black; a splendid bedding sort.
Kirkpatrick. Large leaf, blotched in the center like Geranium Happy Thought.
Kentish Fire. Pink, carmine, and bronze.
Golden Gem. Deep rose, margined yellow.
Multicolor. Maroon and crimson.
Oriole. Finest yellow.
Picta. Marbled yellow, maroon, and crimson.
Hero. Chocolate maroon.
Verschaffeltii. Rich velvet crimson.
J. Burnsham. (New.) Yellow and crimson; spotted.
Eldorado. Best clear yellow.
Count Cavour. Carmine, edged with black; of the "Kentish Fire" style, but better.
Gold Dust. A very promising yellow, of fine habit.
Jas. Markey. Deep maroon black, blotched in the center with dark pink; distinct and splendid.
Midnight. Dark maroon, flamed with crimson; a robust grower.
Striking. Immense foliage; dark crimson in places; marbled maroon, rose, and green; all the shades intensely brilliant; extra fine.
Fairy Knoll. Carmine-rose, rimmed with velvety maroon.
Glare. Violet-rose, suffused and edged with crimson.
Innisfallen. A grand bedding variety; rich prune color, blotched with garnet; extra fine.
Joseph's Coat. The leaves present a gorgeous blending of maroon, yellow, rose, olive, and carmine.
Kirk Alloway. Blazing shades of color; violet, suffused carmine and rose.
Mrs. Humphreys. Light claret, rimmed yellow.
Ruby. Rich crimson maroon; center dark rose color, beautifully fringed edges; a superb variety.
Mr. Micawber. Olive green, distinctly marked in the center with violet rose; beautiful.
Queen of the Lawn. Dazzling carmine, rimmed with velvety maroon.
Suez. Blood-red, shaded and veined violet, rose, and bronze.
Rocket. Violet, rose center, black next and olive green serrated edge.
 15 cts. each; \$1.50 per doz.; set 30 sorts, \$4.00.
 For new sorts, see page 101; for "12 best," see end of Catalogue.

COLEUS, BEDDING.

We select of those contrasting colors best suited for ribbon lines or for measuring.

Verschaffeltii. The old, well-known brown crimson sort.

Glory of Autumn. Crimson and gold.
Golden Gem. Deep rose, margined bright yellow.
Hero. Deep maroon, almost black.
Golden Bedder. 30 cts.
Kirkpatrick. Blotched white.
 10 cts. each; \$1.00 per doz.; per 100, 6.00.

CROTONS.

Plants which, from their beautiful leaf-variagation, demand a place in every collection of hot-house plants, or for summer bedding. For new varieties, see novelties.

Croton Interruptum.	Croton Pictum.
" Irregulaire.	" Variegatum.
" Salicifolius.	" Acubifolia.
" Maxime.	" Cornutum.
" Multicolor.	" Bismarck.
" Disraeli.	" Elegans.
" Undulatum.	" Nobile.
" Volutum.	" Veitchi.

Croton Weismanni.

1st size, 60 cts. each; \$6.00 per doz.; full set of 17 sorts, \$7.50
 2d " 30 " " 3.00 " " " " " " " " " 3.50



CELOSIA CRISTATA.

CELOSIA CRISTATA—Cockscomb.

(READY MAY 1ST.)

These beautiful plants are used not only as bedding plants, but are largely introduced as a feature in cut-flower work in the winter. We offer plants from a superb strain of seed which will produce immense combs of the most vivid crimson. (See cut.)

15 cts. each; \$1.50 per doz.

DAPHNE ODORATA.

An old green-house plant, always scarce. It is evergreen, growing three feet high, bearing clusters of small, pinkish-white flowers, exquisitely fragrant.

60 cts. each; \$6.00 per doz.

"PRIZE" DAHLIAS—Large Flowering.

Of the large-flowering Dahlias we have selected the finest and most distinct, named as below; with these we have taken first premium wherever we have exhibited. Our large collection comprises every shade of color and marking. Strong plants ready in May; dry roots ready now.

Acis. Lilac.
Adeline. Deep rose.
Adonis. Yellow, amber tip; fine.
Adelaide. Blush.
Aurora. Bronze.
Beppo. Amber, carmine tip.
Boabdil. Blood red.
Blanche. Pure white.
Beauty. Blush white; extra fine.
Bride. White, edged purple.
Annie Neville. Pure white; very fine.
Andrew Dodd. Deep crimson.
Autumn Glow. Orange and bronze.
Annette. Lilac splashed carmine.
Amazon. Dark crimson.
Amazon. Canary, tip scarlet.
Barmaid. White, salmon tipped.
Bolivia. Ruby, shaded crimson.
Belle de Baum. Deep pink.
Black Knight. Deep crimson.
Chas. Perry. Crimson.
Cornelian. White, tipped lilac.
Dandy. Blush, striped crimson.
Duchess of Cambridge. Blush, crimson tip.
Eclipse. White, shaded buff.
Estelle. Orange bronze.
Flora. Magenta shade.
Firefly. Bright crimson scarlet.
Fancy Queen. Scarlet.
Flamingo. Deep vermilion scarlet.
Granula. White, splashed purple.
Harlequin. Scarlet, splashed orange.
Le Phare. Brilliant scarlet.
Leah. Golden bronze.
Mad. Zahler. Scarlet.
Mad. Trotter. Flesh shaded lilac.
Mrs. Burgess. Crimson maroon.
Martha. Yellow, tipped scarlet.
Mrs. Thompson. Straw-color, flaked purple.
Mrs. Hegg. Large, deep pink.
Mrs. Piggott. Pure white, full center; extra fine.

Miss Smith. Beautiful pink.
Mammoth. Very large crimson flower.
Precinct. Carmine.
Tom Green. Maroon, tipped white.
Union. Canary, tipped pink.
Vesta. Pure white; very fine.
Wilson Hunt. Straw.
Chameleon. Blush white, flaked purple.
Diana. Shell pink.
Emily. White, tipped lilac.
Goethe. Dark amber.
Golden Fleece. Primrose yellow, shaded.
Hector. Cherry red.
Ida. Mauve, veined crimson.
John Standish. Vermilion.
Lord Hawke. Orange, splashed and striped scarlet.
Laura. Clare.
Leader. Dark purple.
Lady Paxton. Scarlet, striped yellow.
Mabel. Creamy white; full.
Mrs. Goodwin. Dark maroon.
Miss King. Bright orange, crimson red.
Nabob. White and crimson.
Nonpareil. Canary yellow.
Ovid. Purple.
Pursuit. Velvet maroon.
Royal Purple. Purple.
Susan Ingram. Deep maroon.
Star of the Morning. Orange scarlet.
Signet. Lilac, crimson striped.
Social. Violet, tipped ruby red.
Striped Lady. Crimson, striped orange.
Topsy. Buff, tinted lilac.
William Penn. Blood orange.
 25 cts. each; \$2.25 per doz.; full set of 75 varieties, \$13.00.
 For "12 Best," see end of Catalogue.
 For new varieties, see pages 103 and 104.

"PRIZE" DAHLIAS,**Bouquet or Pomponé.**

All the best sorts, which will include every style and color to be had in the class. The small Dahlias are preferred by many as being more useful for cut flowers. Strong plants ready in May; dry roots ready now.

Alba Floribunda Nana. White; profuse.
Beatrice. Blush, tinted violet.
Ben Butler. Orange, crimson tipped.
Black Dwarf. Maroon black.
Bride of Roses. Light Pink.
Crimson Beauty. Bright crimson.
Exquisite. Orange, scarlet edge.
German Boy. Amber yellow.
Gen. Crimson.
Goldlight. Straw color and white.
Jewel of Austerlitz. Fine scarlet.
Little Kate. Dark crimson.
Little Lucy. Light crimson.
Little Pet. Crimson, shaded purple.
Little Rifleman. Crimson and white.
Little Valentine.
Lurline. Light amber.
Mary. Pale rose.
Minnie. Amber, violet tip.
Nellie. Pearl, shaded to carmine.
Pearl. Pure white.
Prima Donna. Rich crimson.
Rose of Gold. Cardinal.
Sambo. Dark Maroon.
Seraph. Buff, tipped orange.
Snowflake. Pure white.
Vava. Deep orange, shaded amber.
 25 cts. each; \$2.25 per doz.; set of "27 prize varieties" for \$5.00.
 For "12 best" see end of catalogue.
 For New Single Dahlias see pages 103 and 104.

SINGLE DELPHINIUM NUDICAULE,**(Scarlet-Flowered Larkspur.)**

A comparatively new species, and still scarce; growing to a height of eighteen inches; flowers borne on loose panicles of a bright shade of scarlet. Perfectly hardy.

30 cts. each; \$3.00 per doz.

DICENTRA SPECTABILIS.

One of our most ornamental spring-flowering perennial plants, commonly known as "Bleeding Heart." It has handsome Peony-like foliage, and long, drooping racemes of bright pink and white heart-shaped flowers. This is deemed the finest of all hardy garden plants.

30 cts. each; \$3.00 per doz.

DRACÆNA (Dragon Tree).

Beautiful ornamental-leaved plants, much used for centers of baskets or stands, or for specimen plants in parlor or green-house.

- Draco.** Stiff, sword-like, green leaves. 50 cts. each.
- Haageana.** Green, of very distinct habit. \$1.50.
- Braziliensis.** Large; green. \$2.00 each.
- Amabile.** Green, tipped pink. \$1.00 to \$2.00 each.
- Terminalis.** Rich crimson foliage, marked with pink and white. 50 cts to \$2.00 each.
- Indivisa.** Green and bronze; narrow leaves. 30 cts. to \$1.50 each.
- Fragrans.** Large green variety. \$2.00 each.
- Ferrea.** Dark red. 50 cts. to \$2.00 each.



ERIANTHUS RAVENNÆ.

ERIANTHUS RAVENNÆ,
 ("American Pampas.")

This ornamental grass, when in full bloom, attains a height of from 9 to 12 feet, occasionally having over 50 flower spikes on one plant, in two or three seasons, from seed. Perfectly hardy. (See cut.)

25 cts each; \$2.25 per doz.

ERYTHRINA CRISTA GALLI,
 (Coral Tree.)

A half-hardy shrub, growing about four feet in height, with neat cut foliage, the stems terminated with spikes of rich scarlet, pea-shaped flowers. Grows freely if planted in a warm situation; should be treated the same as Dahlias in winter.

(For new variety see Novelties.)

30 cts. each; \$3.00 per doz.

EUPHORBIA SPLENDENS.

A continuous blooming variety, densely covered on the stems with spines an inch in length, giving it a curious appearance; bright scarlet flowers, with a yellow center; of great value for bouquets.

30 cts. each; \$3.00 per doz.; larger plants, 50 cts. each; extra specimens, \$5.00 each.

E. Jacquinaflora. Long racemes of orange scarlet. 50 cts. each; \$1.50 per doz.

EUPHORBIA COROLATA. A hardy species. Very valuable for mixing in bouquets. Flowers greenish white; very graceful.

25 cts. each; \$2.25 per doz.

EUCHARIS AMAZONICA.
 "Amazon Lily."

A lovely hot-house plant, which may be had in bloom almost the entire season, if moderate supply of plants are had, small plants usually sending up stalks which bear five or six large pure white star-shaped flowers, four inches across, deliciously fragrant. It wants a warm atmosphere with plenty of moisture. The flowers bring, at the holidays, very high prices.

1st size, \$2.00 each.
 2d " 1.00 "
 3d " .50 "

EULALIA JAPONICA VAR.

An older variety than the Eulalia Japonica Zebrina. (See page 105.) Leaves striped white and green, longitudinally. Next to the Zebrina, the most ornamental of all hardy

classes. The flower spikes of both are valuable for parlor ornaments; will keep for years.

Large plants, \$1.00 each; \$9.00 per doz.
 Medium, " .50 " 4.50 "
 Small, " .30 " 3.00 "

ERANTHEMUM SANGUINEA.

A rather scarce species; foliage thick and leathery, of a deep crimson maroon. Leaves glossy—looking as if varnished—making a very attractive plant for decorative or bedding purposes.

30 cts. each; \$2.00 per doz.

ERANTHEMUM TRICOLOR.

Like the Croton, Dracena, etc., this plant requires a warm temperature to bring out its beautiful variegations, which run through all the shades of pink, purple, and maroon. It has proved valuable for massing in open ground.

30 cts. each; \$3.00 per doz.

ERANTHEMUM ELDORADO.

Another good variety for bedding, entirely distinct from the preceding. Foliage green, mottled golden yellow.

50 cts. each; \$4.50 per doz.

ERANTHEMUM MARMORATUM.

A variety with silvery leaves. Very pretty and quite different from any of the others. All the Eranthemums are tender, requiring a night temperature of 60 degrees.

50 cts. each; \$4.50 per doz.
 Set of 4 varieties for \$1.25.



ECHEVERIA SECUNDA GLAUCA.

ECHEVERIA.

A genus of succulent plants, both novel and interesting. They are useful either as pot plants for decorative purposes, or for bedding out in summer. Being natives of arid countries, they thrive best if planted in a dry situation, growing where most other plants would fail. (See cut.)

Echeveria Metallica.

- " " Glauca.
- " Rosacea.
- " Secunda.
- " " Glauca.
- " Atropurpurea.

25 cts. each; \$2.25 per doz.; \$1.25 for set of six.

FESTUCA GLAUCA,

An ornamental grass of grayish metallic color, resembling the "needles" of the silver pine. Its native habitat is marshy places, and it is one of the very best plants that can be used for aquariums, though if wished it can be used for any other purpose, as it grows freely in almost any situation.

30 cts. each; \$3.00 per doz.

FEVERFEW.

(**Pyrethrum Parthenium.**)

The flowers are very large, pure white, double. Continuous flowering; nearly hardy.

25 cts. each; \$2.25 per doz.

For new variety Little Gem, see page 105.

FUCHSIAS—General Collection.

Our collection contains some new varieties which we have never offered before. It will also be noticed that a large number of the kinds named have double white corollas. This will make the set all the more desirable, as that is a feature always most sought after in Fuchsias. The letter *D* or *S* placed after each variety indicates whether it has a double or single corolla, *D* signifies double, and *S* single.

- Champion of the World.** Corolla violet, sepals coral red and very fine.
- Aurora.** Corolla orange scarlet, sepals white; *S*.
- Beauty of Sherwood.** Corolla cherry, sepals white; *S*.
- Beacon.** Corolla deep carmine, sepals scarlet; *S*.
- Vox Populi.** Corolla pure white, very free flowering; *D*.
- Black Prince.** Tube and sepals waxy carmine, pink corolla; *S*.
- Bland's New Striped.** Sepals scarlet, corolla purple, striped red and rose. *D*.
- Carl Halt.** Sepals white, corolla striped red and white; *S*.
- Elm City.** Double buds forming large, globular, crimson-scarlet balls; *S*.
- Deutcher Kaiser.** Corolla claret, sepals bright crimson, distinct. *S*.
- Bird of Paradise.** Corolla brilliant magenta, sepals crimson; *S*.
- Earl of Beaconsfield.** Corolla very large, orange and scarlet; *S*.
- Lord Macaulay.** Dark purple corolla, red sepals; *S*.
- Genius.** Violet corolla, sepals crimson; *D*.
- Meteor.** Bronze leaves, very ornamental; *S*.
- Mrs. Marshall.** Corolla carmine, sepals white; *S*.
- Md. Van der Strass.** Corolla flesh white, sepals crimson-scarlet. *D*.
- Joseph Rosain.** Very large scarlet sepals, corolla violet-blue, striped scarlet; *D*.
- Sunray.** Foliage variegated pink, green, and white.
- Snow Cloud.** Corolla white, sepals crimson. *D*.
- Prince Napoleon.** Corolla purple, sepals waxy crimson; *D*.
- Striped Banner.** Corolla striped purple and rose, sepals rosy scarlet; *S*.
- Snow Fairy.** The finest double white corolla variety; *D*.
- Theresa.** Corolla ruby, sepals creamy white; *S*.
- Little Alice.** Corolla white, bright scarlet sepals; *D*.
- Swanley.** Corolla rosy carmine, sepals white; *S*.
- Wave of Life.** Foliage yellow, corolla violet, sepals crimson; *D*.
- Brilliant.** Corolla bright scarlet, sepals white; *S*.
- Prince Imperial.** Corolla purple, sepals recurved, crimson; *S*.
- Speciosa.** Corolla scarlet, two inches in length, sepals bluish; *S*.
- 20 cts. each; \$2.00 per doz.; set of 30 sorts for \$5.00.
(For new varieties see page 105.)

FERNS.

These beautiful plants are now very generally cultivated; their great diversity and gracefulness of foliage makes them much valued as plants for Wardian cases, ferneries and rock-work, where there is *moisture and shade*.

- 30 cts. each; \$3.00 per doz.; set of 20 sorts for \$5.00.
- We also offer the celebrated collection of Ferns grown by F. Roenbeck, which is, perhaps, the most complete on the continent, Mr. R. making the growing of Ferns his exclusive business.
- Collection of 50 newest and best sorts, *Extra Fine Plants*..... \$40.00
" of 50 finest older sorts, *Extra Fine Plants*... 24.00
Full collection of 100 sorts..... 60.00

FANCY OR SHOW PELARGONIUMS.

This set gives all the variety of coloring found in the class. We do not describe them, as markings and shades are so varied that no description can give a proper idea of what they are.

- | | |
|----------------------------|-----------------------|
| Beadsman, | Medaille d'Or, |
| Beuty of Oxton, | Morganl, |
| Charles X, | Rifeman, |
| Chas. Turner, | Rosetta, |
| Gen. Taylor, | Stellata, |
| Hebe the Beautiful, | Sriata, |
| Mad. Glevitsky, | Sunray, |
| Mazinella, | Unique. |

30 cts. each; \$3.00 per doz.; set of 16 sorts for \$4.50.

GERANIUM, "Happy Thought."

This is still much admired. A novel style of leaf variegation in the Geranium, differing from the ordinary form in having a large yellow blotch in the center of the leaf, with an outer band of green at the margin. Flowers rich magenta rose; dwarf. A good bedder.

30 cts. each; \$3.00 per doz

GERANIUMS, New Double Ivy-Leaved.

These were received from the celebrated cultivator, Jean Sisley, Lyons, France. They are very distinct and fine, ranging through all the shades of crimson, rose, lilac, white, etc.

- | | |
|-------------------------|----------------------|
| Md. Dubus, | Feyen Perrir, |
| Ansel T. Simone, | Hebe, |
| Clio, | Irina, |
| Elfrida, | La Flancee, |
| Erfurt, | Pres. Moral, |
| King Albert, | Venus. |

30 cts. each; set of 12 for \$3.00.

**NEW DOUBLE IVY GERANIUM.
(Madame Dubus.)**

The form of this double variety is equal to that of the best types of the double Zonal; the color of the "Madame Dubus" is a beautiful pink, equal to Madame Lemoine, or Naomi.

30 cts. each; \$3.00 per doz.

GERANIUMS, GOLDEN BRONZE.

This class of Geraniums is admirable for bedding purposes, growing vigorously, succeeding best and assuming their brightest colors during the heat of summer. They not only have attractive foliage, but the beauty and variety of the flowers add additional value to them.

30 cts. each; set 12 varieties for \$3.00.

**GOLD AND SILVER TRICOLOR
GERANIUMS.**

(Scarcer sorts.)

- Avalanche.** A white-flowered variety; leaves green, bordered with pure white.
- Countess of Warwick.** White and green, irregularly banded with carmine.
- Mrs. Clutton.** Rich crimson zone, a strong grower, and very effective.
- Imperatrice Eugenie.** Leaf dark green, creamy white margin.
- Waltham Pride.** White flowers, very dwarf.
- Bright Star.** Margin very white, well-formed scarlet flowers.
- Glen Eyre Beauty.** Carmine, white, and green.
- Little Pet.** Margined creamy white, banded with dark bronze and carmine.
- Marietta.** Irregularly bordered with carmine and chocolate.
- Of the golden tricolors we name **Ebor, Lady Collum, Emperor, Crown Jewel, Sunset, Sophia** and **Edwina.**

30 cts. each, a full set of 16 varieties for \$4.50.

SCENTED GERANIUM, "Mrs. Taylor."

(SCARLET-FLOWERED ROSE.)

A distinct variety of the Scented Geranium, with a strong rose fragrance, and large, deep scarlet flowers of the Hybrid Perpetual class. Combining as it does, free-flowering qualities with fragrant foliage, it is very useful for summer cut flowers, and as a pot plant for winter cannot be surpassed.

30 cts. each; \$3.00 per doz.

SINGLE GERANIUMS—General Collection.

This class of plants having proved so admirably adapted for bedding purposes in our hot and dry summers, is now cultivated in larger quantities than any other plant, with the exception, perhaps, of the Verbena. Below will be found a list comprising old standard varieties, and embracing many of the newer and finer sorts.

- Aug. Wurtemberg.** Bright scarlet; immense truss.
- Anna Scott.** Fine truss; darkest crimson.
- Countess de Courcey.** Very light pink.
- Dr. Rawson.** Deep crimson.
- Dazzler.** Intense scarlet; striking white eye.
- Darwini.** Dark violet crimson.
- Distinction.** Black zone in the leaf; scarlet flowers.
- Eckman Chatrain.** Very dark crimson.
- Gen. Grant.** The finest scarlet bedding variety.
- "Sheridan.** Compact habit; scarlet.
- Guinea.** The nearest approach to a yellow; orange saffron.
- Gen. Chanzy.** Violet purple.
- Hebe.** Bright dark pink.
- Harry King.** Bright scarlet; white eye.
- Jean Sisley.** Vivid scarlet; white eye.
- Kate Patterson.** Beautiful orange color.

SINGLE GERANIUMS—Continued.

Little Gem. Dark cherry red.
Master Christine. Bright pink.
M. E. Ballot. Light carmine.
Mrs. Geo. Smith. Salmon color.
Minnehaha. Pink and white.
Mons. Crouse. Salmon color.
New Life. Striped; scarlet and white.
Pauline Lucca. Pure white.
Pliny. Bright carmine.
Prof. Blazina. Very dark crimson.
P. L. Covier. Crimson shaded carmine.
Romeo. Very light pink.
Rev. Mr. Atkinson. Very dark crimson.
Rich'd Dean. Very bright scarlet; white eye.
Rob't George. Intense scarlet.
Snowflake. Fine white.
Souv. de Caigneau. Bright crimson scarlet.
Sir John Moore. Dark scarlet; large floret.
Tentamarre. Cherry carmine.
Voltaire. Violet carmine.
W. K. Harris. A peculiar shade; salmon streaked cherry.
 20 cts. each; \$2.00 per doz. Set of 27 varieties for \$6.00.
 When the full collection is taken we will add gratis a plant of the fine new pink variety, King Olga. (See page 106.)

DOUBLE GERANIUMS.—General Collection.

The new varieties of the Double, or, rather, semi-Double Geraniums, have now nearly all the compact habits and flowering qualities of the single, with the advantage of their double flower, being well adapted for bouquet purposes. Our collection embraces almost every variety worth cultivating, having been culled of all inferior sorts.

Admiration. Bright dark pink.
Anna Monde. Mauve pink.
Batachan. Dark salmon.
Bishop Wood. Crimson shaded cherry.
Bijou. Intense scarlet.
Candidissima Plena. The finest double white.
Casimer Perrier. Dark salmon.
Cheerfulness. Salmon edged white.
Dr. Phinney. Deep crimson.
Double Striped Vesuvius. Striped scarlet and white.
Depute Varnay. Scarlet; large truss.
Delobel. Bright crimson.
Dbl. Gen. Grant. Brilliant scarlet; immense size; extra fine.
Dr. Kirtland. Bright scarlet.
Ernest Leuth. Very large truss; violet crimson.
Gelein Lowage. Dark scarlet.
Ghirardine. Beautiful pink.
Hazel Kirke. Dark crimson.
H. Cannell. Fine habit; bright scarlet.
Iroquois. Dwarf; bright scarlet.
Jennie Dolfus. Deep magenta.
J. C. Rowland. White and salmon.
Josie Klippart. Bright scarlet.
J. H. Klippart. Intense dark scarlet; fine.
Jno. Thorpe. Pinkish mauve.
Kittaurus. Bright carmine.
Miss Hayes. Beautiful pink.
M. Pasteur. Very dark rich crimson; fine.
Mrs. E. G. Hill. Flesh color; tinged pink.
Naomi. Dark pink; fine habit.
Nellie Lewis. Salmon scarlet.
Peter Henderson. Vivid scarlet; immense truss.
Rich'd Brett. Carmine; shaded scarlet.
Remarkable. Magenta crimson.
Simon Deleaux. Dark cherry color.
Wm. Hamilton. Very dark crimson.
V. C. Wilson. Rich deep scarlet.
V. F. Raspaill. Intense crimson.
 20 cts. each; \$2.00 per doz. Set 38 sorts for \$6.00, or our full set of 83 varieties new and old, single and double, (value \$16.00) for \$12.00.

HYBRID CAPE GERANIUM, "Echinatum."

This class of Geraniums is entirely distinct, but very little known. They bloom very freely, and are useful for cut flowers. This species is a representative of the class; the leaves are covered with a white silvery down; flowers pure white; the upper petals feathered with maroon; borne on well-formed trusses. \$1.00 each.

GERANIUMS, IVY-LEAVED.

Although the foliage of this class is of sufficient interest to warrant its cultivation, yet the value is greatly enhanced by the beauty and profusion of its flowers during the spring and summer months, running through the various shades of white, pink and crimson. The list is selected as giving the widest range of color. They are well adapted for rock-

work or vases, and for drooping over baskets, or trained on trellises, are unsurpassed; few plants give more satisfaction for house culture, as they may be trained on trellises in any shape desired.

25 cts. each. Full set of 22 sorts, \$3.00.

GLOXINIAS.

These are among the handsomest of our summer-blooming green-house plants, the rich and varied coloring of the flowers being beautiful in the extreme; flowers 2 inches long, by 1½ inches diameter; upright and pendulous; colors crimson, violet, rose, scarlet, white, etc. The bulbs should be started in April, and after blooming all summer, require a season of rest. This can be done by gradually withholding water from them. After they are dried off, they may be kept in a warm, dry cellar or under the stage of a green-house.

50 cts. each; \$4.50 per doz.

GLADIOLUS, FRENCH HYBRID.

Finest mixed, \$1.00 per doz.; \$6.00 per 100.
 " named, \$2.00 " " \$15.00 " 100.
 Set of 30 sorts, \$4.50.

HARDY HERBACEOUS PLANTS.

We offer 22 varieties not named elsewhere in this Catalogue. They comprise some old well-known plants, but of considerable merit. They are grown in pots, and can be transplanted at any time.

30 cts. each; \$3.00 per doz.; set of 22 sorts of hardy herbaceous plants, \$4.50.

HELIOTROPES.

Caroline des Antioines. Lilac-blue.
Cardinal Richelieu. Lavender blue.
Duc de Lavendary. Rich blue, dark eye.
Garibaldi. Very light.
Le Geant. Very light; large.
Reptans Major. Lavender and white.
Mignione. Lilac.
Beauty of Bordeaux. Lavender.
B. Pützer. Lavender rose, shaded.
Incomparable. Light; very fragrant.
Florence Nightingale. Light lavender.
Beauty of Oulton. Lilac-blue.
General Vanhambert. Light lavender.
Madam Facilon. Bluish violet.
Le Negre. Very dark.
Md. Michel. Bluish violet, light center.
Mrs. Burgess. Dark violet.
Maculata. Purple, white spot.
Snow Wreath. Pure white.
 15 cts. each; \$1.50 per doz.; set of 19 sorts for \$2.25.
 (For new varieties see page 106.)

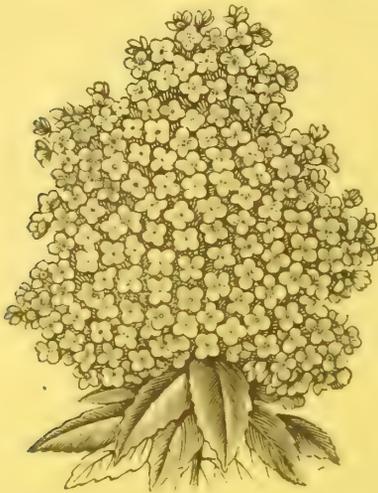
HIBISCUS (Chinese).

These plants are becoming very popular as bedding plants. They are largely used in the Public Grounds at Washington and other places for this purpose, and of late years have attracted a great deal of attention; they are almost continually in bloom.

Hibiscus Rosa Sinensis. Single red.
 " **Aurantiflora fl. pl.** Double orange.
 " **Cooperii.** Foliage variegated, white, green, and pink.
 " **Rubra fl. pl.** Double red.
 " **Versicolor.** Crimson and rose.
 " **Grandiflorus.** Rosy crimson.
 " **Luteus fl. pl.** Lemon color.
 " **Fulgidus.** Scarlet crimson.
 " **Miniatus.** Vermillion scarlet.
 30 cts. each; \$3.00 per doz.; set of 9 for \$3.50.

HYDRANGEA.

Imperatrice Eugenie. Large heads of white flowers, tinted blue and pale rose. Hardy. A fine variety.
Lindleyii. A new species, introduced from Japan, with small heads of bright pink flowers.
Roueli. Pink.
Otaksa. Similar in color to the common "Hortensis," but much larger, flowering when the plants are quite small, the stems terminated with large panicles of rosy-carmine flowers.
Hortensis. The old, hardy variety, of great merit; growing about two feet in height; flowers pink, changing to bluish purple.
Japonica Var. White and green leaves. 50 cts. each.
Panicula Grandiflora. (See Special Description.) 50 cts. each.
Stellata Prolifera. Deep pink; mottled with white. 50 cts. each.
"Thos. Hogg." Pure white. 50 cts. each.
New Climbing. White. \$1.00 each.
 30 cts. each, except where noted.
 Set of 10 varieties for \$4.00.



HYDRANGEA PANICULATA GRANDIFLORA.

HYDRANGEA PANICULATA GRANDIFLORA (Syn. *H. Deutzæfolia*).

One of the finest hardy shrubs in cultivation; the flowers are formed in large, white panicles, or trusses, six inches in length. The shrub grows to a height and breadth of four or five feet, and as the flowers slightly droop, few plants have the grace and beauty presented by this magnificent shrub; for cemetery decorations it has no equal. Continues in flower from August to November. (See cut.)

1st size, 60 cts. each.
2d " 30 " "

DOUBLE HOLLYHOCKS.

Old-time favorites, and one of the most valued of summer flowers. Embrace all shades of pink, maroon, rose, yellow, etc. We would call special attention to our strain of double white. They are of the purest white, and are almost equal to a double Camellia where white flowers are desired. All strong roots, sure to flower this season.

25 cts. each; \$2.25 per doz.

IVIES, ENGLISH (*Hedera Helix*).

Well-known hardy creeping or climbing plants.
Extra large plants, 50 cts. each; \$4.50 per doz.
2d size, 25 cts. each; \$2.25 per doz.

NEW GERMAN IVY.

(*Senecio Macroglossis*).

A variety of this popular plant, which has become much more valued than the old sort. It resembles the English Ivy to such a degree that it is often mistaken for it; the leaves have a metallic lustre, the veins and ribs being of a lighter color. It has the same strong, vigorous growth as the common German Ivy, and, for baskets, etc., it is unsurpassed.

30 cts. each; \$3.00 per doz.

JASMINUM HIRSUTUM.

Produces its pure white flowers in great abundance; very fragrant.

50 cts. each; \$4.50 per doz.

JASMINUM POETICUM.

Similar to the Catalonian Jessamine; flowers smaller but borne on larger spikes. The leaves are larger, and it is a stronger grower. Makes a most valuable climbing plant, though, if desired, it can be grown in bush form.

30 cts. each; \$3.00 per doz.

JASMINUM REVOLUTUM.

A yellow-flowered Jessamine, growing rapidly to the height of from ten to twenty feet. A splendid plant for the Southern States, as it is hardy south of Maryland. Very fragrant.

25 cts. each; \$2.25 per doz.

JESSAMINE, CAPE (*Gardenia Florida*.)

Flowers white, shaped like miniature Camellias; deliciously fragrant.

50 cts. each; \$4.50 per doz.

LANTANAS (General Collection.)

We have few continuous-blooming plants that afford a greater variety of colors than the Lantana. It is yearly becoming more extensively cultivated, so that it ranks as one of the important plants we grow. The varieties we offer have been selected from our importations of the last few years as the most distinct. Twenty distinct varieties.

25 cts. each; \$2.25 per doz.; set of 20 for \$4.00.

LYGODIUM SCANDENS.

(Japanese Climbing Fern.)

A climbing Fern from the East Indies. A most graceful plant, growing from one to fifty feet, as desired. Quite as easy of culture as the Smilax; although climbing when supported by strings or wires, it can be used with equal advantage as a drooping plant, for baskets or vases; as a house plant for the parlor, nothing is more easy of culture. It is now preferred by many florists to Smilax for fine cut flower work, being much more beautiful and nearly as lasting, if the older sprays are used.

1st size, 50 cts. each; \$4.50 per doz.

2d " half price.

LIBONIA PEROHIENSIS.

Flowers are cuphea-shaped, maroon, orange, and yellow in color. In winter and spring it is one mass of bloom. Few plants are more attractive.

30 cts. each; \$3.00 per doz.

MYRSIPHYLLUM ASPARAGOIDES.

(Smilax.)

There is no climbing plant in cultivation that surpasses this in the graceful beauty of its foliage, and its peculiar wavy formation renders it one of the most valuable of all plants for vases or hanging baskets, as it can be used either to climb or to droop, as required. In cut flowers, particularly for wreaths, it is now considered indispensable by all florists. Its hard texture enables it to keep without wilting for several days after being cut. Its cultivation has now become a specialty in every large city, green-houses being devoted solely to its cultivation. For a parlor or window plant it is indispensable.

25 cts. each; \$2.25 per doz.; \$15.00 per 100.

MACKAYA BELLA.

A tall, slender green-house shrub. The plant when in full bloom appears as a mass of delicate lilac-colored flowers; two inches long.

50 cts. each; \$4.50 per doz.

MYRTUS COMMUNIS, FL. FL.,

(Fragrant Leaved Myrtle).

Flowers white and very double. On large specimens they are produced in great abundance, and make it a very attractive plant. Flowers remain on plant a long time.

25 to 50 cts. each.

PALMS.

We now grow in large quantities a great many varieties of this popular family. Our list of varieties this year is much greater than ever before, and our prices lower, quality of plants and scarcity of varieties considered. The Palm house is now one of the most attractive of our establishment. The Dions and Cycas are not of the order Palmacea, but we include them here.

Dion Edule. Quite similar to the Sago Palm. \$1.00 to \$3.00 each.

Corypha Australis. A splendid robust grower. \$1.00 to \$3.00 each.

Sabal Adamsonii. \$1.00 to \$2.00 each.

" **Blackburniana.** 50 cts. each.

Seaforthia Elegans. Very fine. \$1.00 to \$2.00 each.

Cayota Urens. 50 cts. to \$3.00 each.

Chamærops Humilis. \$1.00 each.

" **Fortuni.** \$1.50 each.

" **Excelsa.** \$1.00 each.

Latania Borbonica. This Palm is too well known to need any description; its strong constitution and other general characteristics render it one of the most easily grown. 50 cts. to \$3.00 each. (See cut.)

Brahea Filamentosa. (Thready Palm.) \$1.00 each.

Oreodoxia Regia. (Royal Palm.) 50 cts. to \$2.00 each.

Cycas Revoluta. (Sago Palm.) \$1.00 to \$5.00 each.

" **Media.** A scarce variety. \$1.00 each.

Cocos Flexuosa. \$1.00 each.

Areca Lutescens. Very graceful. \$2.00 to \$3.00 each.

" **Lapida.** \$2.00 each.

" **Rubra.** Scarce and fine. \$1.50 to \$5.00 each.

" **Alba.** Fine. \$1.00 each.

Cocos Weddelliana. \$2.00 each.

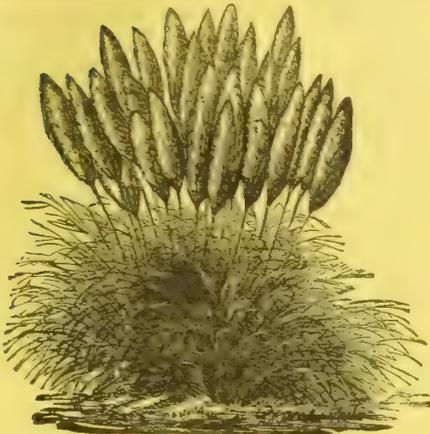
Phoenix Dactylifera. (Date Palm.) 50 cts. each.

" **Rupicola.** \$2.00 each.

" **Canariensis.** Fine specimens. \$5.00 each.

Set 23 varieties, 1st size, \$40.00.

" 23 " 2d " 20.00.



PAMPAS GRASS.

PAMPAS GRASS, (*Gynerium Argenteum*).

A stately species of grass from South America, growing six feet in height, with plumes of yellowish white, one to two feet in length; it looks best as a single specimen. As it is not quite hardy north, it requires protection of eight or ten inches of leaves around the roots, or it can be removed to the cellar and replanted in spring.

The plants we offer this season are all certain to flower—the "flower" is the "California Pampas Plume," now so much used when dry for decorative purposes. (See cut.)

30 cts. each; \$3.00 per doz.



PANDANUS UTILIS.

PANDANUS UTILIS (Screw Pine).

So called from the arrangement of the leaves on the stem. It is a beautiful plant, excellently adapted for the centers of vases or baskets, or grown as a single specimen. It is a rather scarce plant, but our stock of it is large, and we offer it low, size of plants considered. No plant is better suited for room culture. (See cut.)

1st size, \$1.50 each.
2d " 1.00 "
3d " .50 "
4th " .25 "

PILOGYNE SUAVIS.

A rapid-growing climber, with small, glossy, green leaves. It does well at all seasons in the house; while out of doors, in the summer, it has no equal for quickly shading the veranda or summer-house. Flowers yellowish-white; fragrant; an excellent basket plant.

25 cts. each; \$2.25 per doz.

NEW DOUBLE PETUNIAS.

The deterioration of double Petunias that have been cultivated for a number of years makes the raising of new varieties a necessity. Our collection is unsurpassed for brilliancy of colors and size of flowers. They include all the brightest shades of pink, purple, rose, white, crimson, etc.

Virginia.
Alabama.
Florida.
Nevada.
Montana.

Minnesota.
Louisiana.
Arizona.
California.
Dakota.

50 cts. each; set 10 for \$4.00.

For new varieties, see new and scarce plants.

SET OF PHLOXES.

Many of the new Phloxes that have been raised and sent out in past years are very much alike. For this reason we have carefully selected the below set, and present it as containing only such varieties as are markedly distinct. As this beautiful genus of hardy plants blooms well in partial shade, they are, perhaps, the most valuable plants we cultivate for city gardens or shrubberies. This collection embraces every color from purest white to darkest crimson.

- Czarina.** Snow white; profuse bloomer; dwarf habit.
- Gerille Steanse.** Bright cherry color.
- La Perouse.** Purple center, bordered white.
- Lothair.** Beautiful rosy salmon.
- Idlle, Ledoutte.** Center deep carmine, edged rose.
- Mme. Corbay.** Center carmine; border blush white.
- Mme. de Caen.** Center deep lake color; border white.
- Miranda.** Center delicate carmine, bordered white.
- Mons. Malet.** Lilac purple; very large.
- Mons. G. Brewer.** Rosy lilac.
- Mutabills.** Cherry pink.
- Peleton.** Magenta; center white tinted violet.
- Reve d'Or.** Dazzling carmine.
- Roi des Roses.** Deep rose, crimson center.
- Surprise.** Purple, mottled with white.
- York and Lancaster.** Lilac striped white.

30 cts. each; \$3.00 per doz.; set 16 sorts, \$4.00.

PASSIFLORA, (Passion Flower.)

These beautiful and interesting plants climb to a height of 20 or 30 feet if desired. "P. Cœrulea," is hardy, with a slight protection, in this latitude—color varying in the differing sorts—blue, crimson, white, etc.

- Passiflora Pfordti.** Purple.
 - **Cœrulea.** Blue.
 - **Alba.** White. 50 cts. each.
 - **Buist's Hardy.** Blue; very abundant bloomer.
 - **Loudoni.** White; small.
 - **Decasaine.** Purple.
 - **Alata.** Blue and white.
 - **Arc-en-ciel.** Purple and violet.
 - **Smithi.** Carmine. 50 cts. each.
 - **Princeps.** Bright scarlet; always scarce. 50 cts. each.
- 30 cts. each, except where noted; \$3.00 per doz. Set of 10 sorts, \$3.00.

PINKS, FLORISTS'.

These are dwarfer than the Carnation, growing about 1 foot in height, the colors being of the various shades of maroon, carmine, and rose, beautifully laced with white; flowers, perfectly double, clove-scented; plant entirely hardy. The varieties embrace all shades and styles; indispensable for summer bouquets.

25 cts. each; \$2.25 per doz.; set of 30 sorts, \$5.00.

PINKS, "Summer Garden Varieties."

Comprising over a dozen distinct and beautiful varieties; colors white, crimson, rose, violet, maroon, etc.; exceedingly well adapted for summer bouquets; blooms from June to November. Single and Double.

15 cts. each; \$1.50 per doz.

RHYNCOSPERUM JASMINOIDES.

A green-house climber with white Jasmine-like flowers. The flowers are produced in great clusters during the spring months, and have a fragrance almost unequalled. A good sized plant in bloom will scent a large room.

75 cts. each; \$6.00 per doz.

SALVIAS.

- Rosea.** A distinct winter-flowering Salvia, with rich, rose colored flowers, borne in spikes six inches in length.
- Splendens.** (Scarlet Sage.) Flower-spikes of the most brilliant scarlet.
- **Gordonii.** Differs from the above variety in being much more dwarf.
- **Alba.** A white variety of "Splendens" identical in every respect, except in color, which is pure white.

SALVIAS—Continued.

- **Patens.** A variety well suited to contrast with the scarlet, the flowers being of the richest blue.
- Fulgens Var.** Winter flowering, with bright scarlet flowers, the foliage white, pink and rose.
- Officialis Var.** A beautiful tricolored variety of Sage; leaves white, green and pink, blotched.
- Heeri.** A winter flowering Salvia. Flowers glossy scarlet, with a carmine tint.
- Tricolor.** Cherry and white.
- Bethelii.** Pink, rose and white.
- Marmorata.** Striped crimson and white.
- Mrs. Stevens.** Dark maroon.
- Rutilans.** Apple scented, 50 cts.
- 20 cts. each; \$2.00 per doz., except where noted. Set of 13 sorts for \$2.50.

TECOMA JASMINOIDES.

In style of growth this somewhat resembles some of the Jasminums, though belonging to an entirely different family. Its flowers are tubular shaped, white, with a beautiful pink throat. It is naturally a climber, but can be grown in bush form by keeping it well cut back; does well either in the sitting room or green-house, or bedded out in summer.

50 cts. each; \$4.50 per doz.

THUNBERGIA HARRISII.

An excellent vine for covering trellises, etc., in summer. The flowers are tubular in form, two inches in length, bright porcelain blue, with a yellow throat. Color novel and distinct. A free-blooming plant of great merit.

50 cts. each; \$4.50 per doz.

TRITOMA GRANDIFLORA MAJOR,
(Red Hot Poker Plant).

We offer a greatly improved variety. The spikes are four in length, and three inches in diameter, of the brightest shades of orange and scarlet; plants certain to flower.

30 cts. each; \$3.00 per doz.

TUBEROSE, DOUBLE.

Any one may grow the Tuberose with certainty of flowering it, if the following conditions are observed: In buying bulbs be sure that the flower-germ is sound, for on this point depends success, for if that has decayed, all the attention and care bestowed upon them will be of no avail. They must never be planted in the open ground, in the vicinity of New York, before the 20th of May. In planting, remove all offshoots from the sides of the bulbs, and plant about four inches deep. Bulbs planted under these conditions will not bloom much before September. When wanted earlier than this they can be started in pots.

Flowering bulbs.
1st size, 12 cts. each; \$1.25 per doz.; \$9.00 per 100.
2d " 9 " 1.00 " 6.00 "
Started in pots, 25 cts. each; \$2.25 per doz.; \$15.00 per 100.

DOUBLE TUBEROSE, "Pearl."

The value of this over the common variety consists in its flowers being of double the size, imbricated like a rose, and its dwarf habit, growing only from 18 inches to two feet in height. In other respects it is the same as the common sort. Introduced and named by us.

Extra sized bulbs, 15 cts. each; \$1.50 per doz.
Good blooming, 10 " 1.00 "
Started in pots, 25 cts. each; \$2.25 per doz.; \$15.00 per 100.

TORENIA ASIATICA.

One of the prettiest summer plants for vases or hanging baskets; flowers blue, of a Gloxinia-like shape; flowers during the summer months.

25 cts. each; \$2.25 per doz.

TORENIA FOURNIERI.

Similar to the above in habit and shape of flowers. Color dark blue with a yellow throat.

25 cts. each; \$2.25 per doz.

TORENIA BAILLONIA.

Distinct and beautiful. Flowers tubular, crimson maroon, lipped with dark yellow.

25 cts. each; \$2.25 per doz.
Set 3 Torenias for 60 cts.

VERBENAS—Best of our General Collection.

The following varieties of Verbenas we have selected from our large collection as those combining the best qualities for sale or for bedding purposes, embracing a wide range of color; are distinct free bloomers, altogether a set that will give satisfaction.

- Alma.** Crimson, yellow eye.
Arab. Carmine rose.
Autler. Ruby.
Avenger. Dark crimson scarlet, white eye.
Beauty of Sherwood. The finest scarlet.
Blue Gem. Blue.
Beauty of Oxford. Dark pink; immense size.
Crucible. Large dazzling scarlet, white eye.
Catalpa. Large crimson, violet eye; fine form.
Decorator. Striped scarlet, white, and pink.
Dazzle. Blood red, dark markings.
Gen. Custer. Brilliant crimson, dark eye.
Gambetta. Large lilac, white eye.
Guardman. Deep maroon, round yellow eye.
Hazel. Light pink; fine.
Ivanhoe. Rich blue, white eye.
Lolo. Flesh pink.
London Pride. Large, claret color.
Lufra. Dazzling scarlet, white eye; extra.
Mrs. Wilson. Striped white, pink, and crimson.
Monogram. Rich purplish blue, large white eye.
Miss Arthur. Dazzling scarlet; very fine.
May Queen. Light salmon.
Mattie. Shell pink.
Mabel. Rosy pink.
Negro. Black; extra fine.
Nemesis. Brilliant scarlet, white eye.
Otis. Large claret color; extra fine.
Pasha. Crimson maroon.
Perfection. Large pink.
Raccoon. Violet purple.
Sedan. Ruby red.
Silver Plume. Finest white.
Sylph. Large, pure white.
Social. Violet, yellow eye.
Willie. Violet crimson, yellow center.
Waterloo. Crimson, maroon center.
Zenobia. Blue.

10 cts. each; \$1.00 per doz.; full set 50 varieties, including the 12 new varieties, (See Novelties,) for \$4.50.



VINCA.

VINCA ROSEA, ALBA, and OCULATA.

This is a most attractive plant, blooming the entire summer season, forming a handsome shrub two feet in height and diameter. Of the three sorts named the first is carmine or rose, the second pure white, and the third white, with crimson center.

20 cts. each; \$2.00 per doz. Three varieties, 50 cts.

“THE BEST DOZEN.”

From both amateur and professional cultivators we have complaints that everywhere the practice is to grow to many varieties, so that the selection of the “best” from catalogues is impossible, even by those best qualified to do so. To help such we have this season selected what, in our judgment, are the “12 best” and most distinct kinds, in each of the leading classes of plants, whether new or old; for many of the sorts of 10 or 20 years ago are yet unequalled.

**12 BEST CHRYSANTHEMUMS,
Pomponé or Small Flowering.**

- Amphilla.** Scarlet-crimson.
- Carminata.** Maroon and gold.
- Le Brazier.** Deep brown.
- Model of Perfection.** Lilac and yellow.
- Snowdrop.** Best White.
- Lucrece.** Reddish brown, tipped yellow.
- Princess Meletia.** White, extra fine.
- Toussaint l'Ouverture.** Rosy pink, tipped with yellow, gold center.
- Mrs. Aristee.** Deep canary yellow, fine.
- Fin d'Amour.** Purple.
- Aurora.** Orange.
- Zebra.** Lilac and pink.

Set of 12 for \$2.00.

**12 BEST CHRYSANTHEMUMS, Large
Flowering.**

- Spotless.** White, extra fine.
- Golden Queen.** Yellow.
- Geo. Glenny.** Golden yellow.
- Mongolier.** Dark amber.
- Pericles.** Bright Indian red.
- Queen of Lilacs.** White and lilac.
- Yellow Stone.** Golden yellow, very fine.
- Bollivar.** Yellow, changing to lilac.
- Mrs. Geo. Rundle.** Best white.
- Refulgence.** Rich purple-maroon.
- Emily Dale.** Pale straw color.
- Gerda.** Bright orange.

Set of 12 for \$2.00.

**12 BEST CHRYSANTHEMUMS,
Japanese.**

- Bouquet National.** Suffused white, fine.
- M. Fittere.** Deep rosy red, lighter center.
- Early Red Dragon.** Fiery crimson, golden tips.
- Juvena.** Very dark maroon, thread-like, very striking.
- Fair Maid of Guernsey.** Pure white, entirely distinct.
- Incomparable.** Yellow, brown and crimson, very fine.
- Md. Toulouse.** Incurved and frizzed rose color, center yellowish white.
- Md. Audegnier.** Rosy lilac, tinted mauve.
- Sonce d'Or.** Golden twisted florets, tipped yellow.
- Cite des Fleurs.** Velvety crimson, amaranth frizzed petals.
- Zelia.** Pink and white.
- Sarnia.** White, pink stripe, distinct.

Set of 12 for \$2.00.

12 BEST CANNAS.

- Admiration.**
- Bihorell.**
- Brenningsii.** Leaves striped green and white; flowers deep rose.
- Compacta.** Strong green variety; golden yellow flowers.
- Creole.** Very dark maroon.
- Discolor Viollacea.** Striped green and yellow.
- Imperator.** 9 feet high, deep green; Indian red flowers.
- Excelsa Nana.** Very dwarf; foliage dark; flowers dark cherry-red.
- Marechal Vaillant.** A well-known dark variety, of great value.
- Metallica.** Deep green shaded chocolate; very large grower.
- Luke Blackburn.** Dark chocolate.
- Tricolor.** Variegated foliage, dwarf habit; flowers red.

Set of 12 for \$3.00.

12 BEST CARNATIONS.

- King of Crimson.** Dark crimson.
- Peter Henderson.** White; large flower.
- Queen of Whites.** White.
- Snowdon.** White; very dwarf.
- Ripple.** Rosy pink.
- Astoria.** White, fringed yellow and scarlet.
- La Purite.** Carmine, dwarf and profuse.

- Lydia.** Rich orange yellow, flaked carmine.
- De Fontana.** Pink and canary yellow.
- Vesuvius.** Crimson scarlet.
- Centennial.** Splashed white and crimson.
- Shellflower.** Carmine rose.

Set of 12 for \$3.00.

**12 BEST LARGE-FLOWERING
DAHLIAS.**

There are so many fine varieties of Dahlias that we find it difficult to decide on the “12 best,” in both the large and small-flowering sections. We have many excellent sorts besides those named, but taken as a set this selection can hardly be improved upon.

- Beauty.** Blush white; extra fine.
- Flamingo.** Deep vermilion scarlet.
- Flora.** Magenta shade.
- Hector.** Cherry red.
- John Standish.** Vermilion.
- Leader.** Dark purple.
- Miss King.** Bright orange; white eye.
- Miss Smith.** Purplish crimson.
- Mammoth.** Very large crimson flower.
- Oriole.** Yellow.
- Juarezii.** Dark crimson.
- Tom Green.** Maroon tipped white.

Set of 12 for \$2.25.

12 BEST BOUQUET DAHLIAS.

- Alba Floribunda Nana.** White; profuse.
- Black Dwarf.** Maroon black.
- Bride of Roses.** Light pink.
- Exquisite.** Orange, scarlet edge.
- Little Lucy.** Light crimson.
- Jewell of Austerlitz.** Scarlet.
- Lurline.** Light amber.
- Nabob.** White and crimson.
- Nellie.** White tipped purple.
- Prima Donna.** Rich crimson.
- Pursuit.** Velvet maroon.
- Seraph.** Buff tipped orange.

Set of 12 for \$2.25.

12 BEST COLEUS.

They are, in our opinion, the most markedly distinct and best of the different branches of this numerous family.

- | | |
|---------------------------|-----------------------|
| Innisfallen. | Ruby. |
| Burning Bush. | Kirkpatrick. |
| Glory of Autumn. | Golden Bedder. |
| Queen of the Lawn. | Striking. |
| Hero. | Spotted Gem. |
| Jas. Markey. | Verschaffelti. |

Set of 12 for \$1.00.

12 BEST FUCHSIAS.

In selecting this set we have chosen such varieties as combine, in the greatest degree, free-flowering qualities with contrasting colors and beauty of flowers.

- Swanley.** Corolla rosy carmine; sepals white, single.
- Little Alice.** Corolla white; bright scarlet sepals, double.
- Lord Macaulay.** Dark purple corolla; red sepals, single.
- Theresa.** Corolla ruby; sepals creamy white; single.
- Bird of Paradise.** Corolla brilliant magenta; sepals crimson, single.
- Earl of Beaconsfield.** Very large; corolla orange and scarlet, single.
- Genius.** Violet corolla; sepals crimson, double.
- Leah.** White sepals, crimson corolla, single.
- Desideratus.** Scarlet tube and sepal; corolla violet blue, double.
- Snow Fairy.** The finest double white corolla variety.
- Inimitable.** Purple corolla, sepals crimson, recurved, single.
- Striped Banner.** Corolla striped purple and rose; sepals rosy scarlet, single.

Set of 12 for \$2.25.

12 BEST DOUBLE GERANIUMS.

Selected as the 12 "gems" of the doubles. These varieties have all the best characteristics of color, habit and profuseness of flower.

- Candidissima Plena.**
- Double Striped Vesuvius.**
- Double Gen Grant.**
- Dr. Phinney.**
- Hazel Kirke.**
- Henry Cannell.**
- Jennie Dolfus.**
- Mrs. E. G. Hill.**
- M. Pasteur.**
- Naomi.**
- Remarkable.**
- Richd. Brett.**

Set of 12 for \$2.00.

12 BEST SINGLE GERANIUMS.

Without regard to newness we present this list of 12 varieties as the best representatives of the Single Geranium. They are all described elsewhere in this Catalogue.

- | | |
|--------------------------|-----------------------------|
| Bridal Beauty. | Ed. Denny. |
| Eckman Chatrain. | Mrs. Geo. Smith. |
| Gen. Grant. | New Life. |
| Guinea. | Pauline Lucca. |
| Jean Sisley. | Pride of Louisville. |
| Master Christine. | W. K. Harris. |

Set of 12 for \$2.00.

12 BEST MONTHLY ROSES.

There may be some difference of opinion as to the varieties which should be in this set; but after carefully considering all the varieties of note, new or old, we offer the below named as the best for general purposes.

- | | |
|--------------------|------------------------|
| Sunset. | Ed. Welch. |
| Bon Silene. | Souv. d'un Ami. |

- Catherine Mermet.**
- Coquette de Lyon.**
- Chas Rovelli.**
- Duch. Edinburgh.**

- Malmaison.**
- Niphetos.**
- Perle des Jardins.**
- Safrano.**

1st size, \$9.00 per set.
2d " 6.00 "
3d " 4.50 "

12 BEST HYBRID PERPETUAL ROSES. Hardy.

A splendid set, containing only varieties of the brightest colors, finest form, and most exquisite fragrance.

- | | |
|-------------------------------|------------------------------|
| Paul Neron. | General Jacquimenot. |
| Annie de Diesbach. | La France. |
| Baroness Rothschild. | Marie Baumann. |
| Duchess Vallambrosa. | Mrs. C. Wood. |
| Coquette des Blanches. | Magna Charta. |
| Duke of Edinburgh. | Princess C. de Rohan. |

1st size, \$7.50 per set.
2d " 4.50 "

12 BEST VERBENAS.

For years, Verbenas have been one of our great specialties. The 12 varieties named below are the "cream" of our collection.

- Beauty of Oxford.** Dark pink; immense size.
- Canobic.** Carmine. white eye; floret one inch in diameter.
- Ivanhoe.** Best blue.
- Lara.** Purple, large white eye.
- Lutra.** Dazzling scarlet, white eye; extra.
- Willie.** Dark maroon, very large yellow eye.
- Mrs. Wilson.** Striped carmine and white.
- Miss Arthur.** Clear scarlet.
- Mattie.** Shell pink.
- Negro.** Black; extra fine.
- Sylph.** Pure white.
- Waterloo.** Dark crimson.

Set 12 for \$1.00.

Special Selections of Plants.

Many of our customers being unable to determine what plants are best suited for a continuous display of flowers and foliage during the summer months, we make the following liberal offer, which will rarely fail to prove satisfactory, as is well attested by the large number of these collections which we sell annually. A saving of 30 per cent. will be made by ordering these collections. This we can afford to do only when the selection is left to us.

We will sell 200 plants for.....	\$18 00
" " 100 " "	10 00
" " 80 " "	9 00
" " 40 " "	5 00
" " 20 " "	3 00

Foreign Grape Vines for Vineries.

We have a large stock of the finest varieties in splendid condition, with particularly well ripened canes. Parties who propose erecting new graperies, or who wish to replenish their stock, will do well to write us. The varieties marked "H" are suited for hot graperies; those marked "C," are for cold graperies; those marked "H & C" will do in either.

- Muscat Black.** Bunch well formed, berry oval, black. H. & C.
- Muscat of Alexandria.** Large grape, of light golden color; the most popular of the white kind. H.
- Sweet Water.** An early kind, pale amber, well-flavored. H. & C.
- Black Hamburg.** Sweet and juicy; a well-known excellent sort. H. & C.
- White Malvoise.** White. H. & C.
- White Frontignan.** Berries nearly white; bunch medium. H.
- Calabrian Raisin.** Bunches large and well-formed; amber white. H. & C.
- Charlesworth Tokay.** White, delicious flavor. H. & C.
- Prince Albert.** Black; very late. H.
- Royal Muscadine.** White; berries small, early. H. & C.
- Muscat Cannon Hall.** Large white. H.
- Hamburg.** Similar to Black Hamburg, with Muscat flavor. H. & C.
- Duchess of Buccleugh.** White. H.
- Mrs. Pines Muscat.** Black. H.
- Royal Ascot.** Black. H. & C.
- Lady Down's.** Black. H.
- Seedling.** Black. H.
- White Syrian.** Fine white. H.
- Muscat Blanc Haytien.**

1st size, \$1.50 each. 2d size, \$1.00 each. 3d size 50 cts. each.

SMALL FRUITS.

HARDY GRAPE VINES.

The varieties described below embrace the very best tested kinds, both of the new and older sorts. All our plants are strong and vigorous, well ripened both in roots and tops.

Prentiss. Bunch large; berry of medium size; color yellowish green, sometimes tinted rose color; flavor similar and equal to many of the hot-house grapes—resembling much the variety known as "Sweet water." It is immensely productive. A vigorous, healthy grower, doing well on almost all soils and localities. It is entirely hardy—vines and buds uninjured in districts where the thermometer falls to 20 degrees below zero. The best evidence of the estimation in which this valuable Grape is held is the fact that for the past three years it has sold in New York for 25 cts. per lb., while Concord and Delaware sold at 6 cts. and 9 cts. per lb.

Price, strong two-year-old plants, \$1.50 each; one-year-old, \$1.00 each.

Moore's Early. Ripens two weeks earlier than any other good sort now in cultivation. The bunches are large and compact; berries large, black and covered with a rich bloom; good flavor, a strong and healthy grower, and an immense bearer.

Concord. One of the best old sorts. Bunch and berries large. Color black, with a rich bloom. When only one variety is grown, plant the Concord.

Delaware. Red, bunches compact, berries small, sweet and of the most excellent flavor. For quality there is no American Grape to equal it.

Early Black. Resembling the Concord in style of growth and berry, ripening two weeks earlier.

Wildier. (Rogers' No. 9.) An excellent variety, berries medium, bunches rather small, color light bronze, a good bearer.

Agawam. (Rogers' No. 15.) Berries large, of bronze color, bunches of good size and form, one of the best light Grapes.

Rogers' No. 17. Resembles the preceding in size and general characteristics, but darker in color.

Salem. (Rogers' No. 22.) A splendid white Grape, tinged with pink; of medium size, delicate flavor, the bunches well-formed and compact, fine, perfectly hardy, and free from mildew.

Rogers' Bronze. Berry above the medium, bunches large, well-formed, berry very sweet.

Essex. (Rogers' No. 41.) An improvement on the Concord, berries of the same size, bunch larger and better formed, excellent flavor.

Brighton. Color bright reddish bronze. Bunch and berries above the average. Flavor exquisite; a most abundant bearer, entirely hardy; one of the very best.

Iona. Somewhat similar, but deeper in color. An old and valuable sort.

Gertner. (Rogers' 14.) Color black; bunch and berries full average; flavor excellent.

Herbert. Very large; black; fine flavor.

Diana. Bronze; very juicy; medium size.

Crevling. Black.

Price, (except where noted):—Very strong two-year-old plants, 75 cts. each; \$7.50 per doz. Full set of 17 kinds, including "Prentiss," in two-year-old plants, \$10.00 per set. For instructions in pruning and cultivating grapes, see "Gardening for Pleasure."

BLACKBERRIES.

Kittatinny. Very large and of excellent flavor. Per doz. \$1.50; per 100, \$8.00.

Lawton. Very large, juicy and sweet. Per doz., \$1.50; per 100, \$8.00.

Wilson's Early. Flavor rich and good, ripens early. Per doz., \$1.50; per 100, \$8.00.

CURRANTS.

Cherry. Dark red; the best variety for market. Each, 20 cts.; per doz. \$1.50; per 100, \$10.00.

Versailles. Best for table use. Each, 20 cts.; per doz., \$1.50, per 100, \$10.00.

White Grape. The best white Currant. Each, 20 cts.; per doz., \$1.50; per 100, \$10.00.

GOOSEBERRIES.

Houghton's Seedling. A vigorous and very productive variety, not affected by mildew. Probably the best American Gooseberry. 20 cts. each; \$2.00 per doz.; \$12.00 per 100. Three-year-old, 50 cts. each; \$4.00 per doz.

RASPBERRIES.**Red Varieties.**

Clarke. Berries light crimson, very sweet and highly flavored. Per doz., \$1.50; per 100, \$8.00.

Hudson River Antwerp. Very productive and excellent. Per doz., \$1.50; per 100, \$8.00.

Philadelphia. Very hardy and productive. Per doz., \$1.50; per 100, \$8.00.

Black Varieties.

The Gregg. A new black Raspberry, or "Black Cap," of the largest size, enormously productive and excellent flavor. Price, 25 cts. each; \$2.50 per doz.

Rochelle. A "Black Cap" of large size, having a delicious sub-acid flavor. As a prolific bearer, it has no equal, producing four quarts to the plant. Price, 25 cts. each; \$2.50 per doz.

Doolittle's Black Cap. Large, sweet and juicy. Per doz., \$1.50; per 100, \$8.00.

Mammoth Cluster. One of the largest black Raspberries. Per doz., \$1.50; per 100, \$8.00.

Yellow Variety.

Brinckle's Orange. Largest size and exquisite flavor. We have very strong plants of this variety. 50 cts. each; \$4.50 per doz.; \$25.00 per 100.

SPECIAL LOW PRICED LIST OF PLANTS,

Which we will send in the Following Collections

Free by Mail, for \$1.00,

Or by Express (buyer to pay charges), on the conditions named at the end of this List.

PLEASE TO READ CAREFULLY THE CONDITIONS BELOW BEFORE ORDERING.

Each collection (unless otherwise stated) contains all DISTINCT VARIETIES of the newest and most approved kinds, of OUR SELECTION, each plant being labeled; to such, however, as do not care for the plants being labeled, 25 per cent. in number will be added to each collection; for example, we will send eight distinct kinds of Winter-flowering Roses, *labeled*, for \$1.00, or ten equally distinct and good kinds, *unlabeled*, for \$1.00. When ordering, therefore, say whether you desire the collection to be "named" or "unnamed." It must be distinctly understood that the kinds in each class must be OUR SELECTION; when varieties are wanted to special name, they will only be sent at the rates named in Catalogue.

For \$1.00 we will send, Free by Mail:

- or, **8 Achyranthus**, crimson, violet and yellow leaves.
 or, **6 Abutilons** (Chinese Bell Flower), orange, crimson, etc.
 or, **6 Allelegias**, blue, white, orange, etc.; hardy.
 or, **8 Ageratum**s, colors white, dark violet, blue, rose, etc.
 or, **8 Alternantheras**, varieties for edgings, etc.
 or, **4 Azaleas** (Chinese), colors white, scarlet, etc.
 or, **8 Basket Plants**, most approved kinds.
 or, **6 Begonias**, scarlet, orange, white, rose, crimson, etc.
 or, **4 Begonias**, tuberous-rooted—scarce.
 or, **6 Begonia Rex**, ornamental foliage.
 or, **6 Bouvardias**, scarlet, rose, crimson, white, blush, etc.
 or, **6 Cannas**, dark varieties, tropical-looking.
 or, **6 Ceanothus**, white-leaved, for edging.
 or, **4 Cacti**, night-blooming, lobster, etc.
 or, **10 Coleus**, bedding varieties.
 or, **6 Coleus** (new of this season), beautiful foliage.
 or, **6 Caladiums** (fancy), leaves spotted and mottled.
 or, **2 Calla Ethiopica** (white), flowering plants.
 or, **2 Camellia Japonica** (double), with buds, colors crimson and white.
 or, **6 Carnations** (monthly), crimson, scarlet, variegated, etc.
 or, **6 Chrysanthemums** (small flowering), colors crimson, yellow, rose, white, pink, maroon, orange, etc.
 or, **6 Chrysanthemums** (large-flowering), colors crimson, yellow, rose, white, pink, maroon, orange, etc.
 or, **6 Chrysanthemums** (new Japanese), colors crimson, yellow, rose, white, pink, maroon, orange, etc.
 or, **4 Clematis**, White, purple, etc.
 or, **6 Climbing Ferns**, one of the finest house plants.
 or, **4 Crotons**, Choice varieties.
 or, **4 Cyclamen Persicum**, shades from white to crimson.
 or, **2 Dracenas** (dragon-trees), terminalis and indivisa.
 or, **6 Dahlias**, large-flowering, all colors.
 or, **6 " " " "** bouquet varieties, all colors.
 or, **8 Daisies**, finest mixed.
 or, **6 " " " "** (new Paris), white, blue and yellow.
 or, **6 Echeverias**.
 or, **4 Eranthemums**.
 or, **6 Ferns**, best fitted for house culture.
 or, **6 Fuchsias**, all colors, double and single.
 or, **4 Gloxinias**, beautiful and scarce house plant.
 or, **4 Grape Vines**, white, bronze, black and purple fruit.
 or, **8 Gladiolus**, for summer flowering.
 or, **6 Geraniums** (single zonale), the finest of our collection.
 or, **6 Geraniums** (double zonale), the finest of our collection.
 or, **6 Geraniums** (scented zonale) the finest of our collection.
 or, **6 Geraniums** (Ivy-leaved), excellent for trellis or baskets.
 or, **8 Heliotropes**, colors all shades of purple, violet, etc.; each lot includes new white "Snow Wreath."
 or, **4 Hibiscus** (Chinese), scarlet, crimson, orange, etc.
 or, **4 Honeysuckles**, evergreen, coral and Japan.
 or, **4 Hardy Shrubs**.
 or, **6 Hardy Climbing Plants**.
 or, **6 Hydrangeas**, white, and the different shades of pink.
 or, **4 Jasminum** (Jessamine), colors white and yellow.
 or, **6 Lobelias**, everblooming, blue, white and lavender.
 or, **6 Lantanas**, white, orange, pink, crimson, etc.
 or, **6 Mesembryanthemum**, Wax pink.
 or, **6 Mosses** (Lycopodium), best fitted for house culture.
 or, **4 Oleanders** (**DOUBLE**), white, etc.
 or, **2 Palms**, large, fancy leaves, used for decorating.
 or, **4 Polinsettia Pulcherrima**, large scarlet bracts.
 or, **6 Petunias** (double), purple, crimson and white.
 or, **8 Petunias** (single), striped and blotched; very fine.
 or, **8 Pinks**, summer garden varieties, in flower all summer; crimson, pink, maroon and white; sure to please.
 or, **8 Pansies**, new German varieties; very fine.
 or, **8 Phlox**, hardy; white, crimson, rose, violet, etc.
 or, **6 Passiflora**, ("Passion Flower Vine.")
 or, **4 Peonias**, hardy, summer flowering.
 or, **4 Primulas** (Chinese), colors white, crimson, rose, etc.
 or, **6 Roses**, Hybrid Perpetual (hardy), white, pink, crimson, etc.
 or, **8 Roses**, (Monthly Tea), white, crimson, rose, violet, yellow, etc.
 or, **6 Snapdragon**s, crimson, white, yellow, scarlet, etc.
 or, **6 Sedums**, ("Stone Crop")
 or, **6 Succulents**, "Crassulas," etc.
 or, **6 Salvias**, colors blue, scarlet, crimson, white and rose.
 or, **6 Scarce** summer flowering plants.
 or, **8 Scarce** ornamental-foliage plants.
 or, **6 Smilax**—the climbing plant used for festooning.
 or, **6 Stevias**, color white; winter-flowering.
 or, **8 Strawberries**, those offered in our colored plate, as the "Cream"
 or, **8 Tradescantias**.
 or, **6 Tropaeolum**s, orange, maroon, scarlet, rose, etc.
 or, **8 Tuberos Pearl** (the dwarf, large-flowered kind.)
 or, **16 Verbenas**, very finest kinds.
 or, **6 Veronicas**, feather-like, violet, rose, blue, etc.
 or, **6 Violets**, (scented,) colors white, and dark and light blue.
 or, **8 White-Leaved Plants**.
 or, **25 Vars.**, Flower Seeds.
 or, **20 " " " "** Vegetable Seeds.

No order is filled for less than one dollar, but we allow buyers to *halve* collections if they desire it; for example, we will send 3 Abutilons and 2 Azaleas for \$1.00, but no further divisions of the collections will be made. Although it is a convenience to have plants sent by mail to places where there is no express office, yet in all cases where plants can be sent by express, we always advise them so sent; for not only are we enabled to sell much cheaper, but larger plants can be sent, and they invariably arrive in better condition. We therefore offer the above collections to be sent by express, *buyer to pay charges*, at the following exceedingly low rates: Three collections for \$2, five for \$3, nine for \$5, twelve for \$6, twenty-one for \$10, or forty-five for \$20, or the 85 collections (541 varieties of plants, bulbs and seeds—sufficient to stock a green-house or garden—for \$35, to which our book "Gardening for Pleasure," and Catalogue (value \$1.75,) will be added; in cases where any of the collections of plants or seeds are *not* wanted, we allow the purchaser to strike out and duplicate any other collection offered.

PLANTS FOR RIBBON LINES, or for MASSING IN COLORS.

Every season the demand for these plants in larger quantities is increasing, and it is no unusual thing for gentlemen to use as many as 5,000, 10,000, or even 20,000, for their private grounds; many have not the necessary greenhouses to accommodate such large quantities, and are supplied by us or other large growers. From the large extent of our greenhouses and frames, covering nearly four acres in area, we are usually able to fill all orders no matter how large, but parties requiring large quantities will always do better by sending orders as early as possible—orders received for plants for massing in January, February or March (for delivery in May), as a rule will be better plants than if the plants were ordered only when wanted to be set out. To such as have spare room in greenhouses, or frames, it would be of great advantage to buy the plants we offer below five or six weeks before it is time to plant out—say from March 15th, to April 15th, and shift them into larger pots—plants so treated will grow to fully double the size under glass, during that time, so that only half the number would be required to produce an effect. The plants such as we deliver in May and grown in three inch pots to produce a proper effect for ribbon lines, or for massing in color, should be planted 9 or 10 inches apart—while the same plants if shifted into 4 inch pots about April 1st and grown under glass until middle of May—would fill the space as well if planted 18 or 20 inches apart. Below is a list of plants suitable for Ribbon Lines or Massing, with the color of flower or foliage, the height to which they grow—of course the height is not arbitrary, as they can nearly all be clipped down to half the natural height if desired. The arrangement of color is a good deal a matter of taste, only that as a rule the most marked contrast gives the best effect.

Not less than 20 plants of any one kind will be sold at the 100 rate. Special rates will be made for larger quantities.

	Natural height Per Inches. 100.		Natural height, Per Inches. 100.
Achyranthus Emersoni. Maroon and pink foliage.....	18	Geranium Pauline Lucca. Best double white flowered.....	18 10.00
Achyranthus Gilsoni. Yellow shaded pink.....	18 8.00	Geranium Candidissima Plena. Best double white flowered.....	18 10.00
“ Caesii. Yellow and green.....	18 8.00	Geranium Mt. Snow. Best silver-leaved variety.....	18 10.00
“ Hoveyii. Carmine shaded rose.....	18 8.00	Geranium Cloth of Gold. Best bronze leaved variety.....	12 10.00
Ageratum Jno. Douglas. Bright blue flowers; dwarf.....	9 8.00	Geranium Mrs. Pollock. Best golden tri-color-leaved variety.....	12 20.00
Alyssum Tom Thumb. White flowering, never grows over 3 inches high.....	3 8.00	Heliotrope. Dwarf; dark purple flowering.....	18 6.00
Alyssum Double. Variegated foliage.....	6 8.00	“ “ white flowering.....	18 6.00
Alternanthera Parychoides Major. carmine rose. The best red variety.....	6 8.00	Cockscomb. New dwarf; vivid crimson.....	12 10.00
Alternanthera Aurea Nana. Bright yellow.....	6 10.00	Hibiscus. Single and double scarlet, and double orange flowered.....	24 12.00
Amaranthus Tricolor. Scarlet, rose, maroon, etc. (Ready May 1st).....	36 8.00	Lobelia. Dwarf; dark blue flowered.....	6 6.80
Amaranthus Salicifolius. Crimson-shaded, willow-like. (Ready May 1st.).....	36 8.00	Mesembryanthemum Var. Dwarf succulent; foliage white and green.....	6 8.00
Browallia. Blue-flowering.....	18 8.00	Othona Crassifolia. Delicate green foliage; dwarf succulent.....	6 8.00
Calceolaria. “Shower of Gold.” Deep yellow flowers.....	12 10.00	Pansies. All shades, black, maroon, crimson, pink, etc.....	6 6.00
Centauria Candida. White-leaved.....	12 12.00	Petunias. Finest named double flowered varieties.....	18 8.00
“ Gymnocarpa.	12 8.00	Petunias. Finest Hybrid double flowered varieties (seedlings).....	18 8.00
Cineraria Acanthifolia. “.....	15 8.00	Petunias. Finest Hybrid single flowered varieties (seedlings).....	18 6.00
“ Asplenifolia. “.....	15 8.00	Salvia Splendens. Bright scarlet flowers.....	20 8.00
Coleus Verschaffelti. Maroon, shaded crimson.....	24 6.00	“ Patens. Dark blue flowers.....	30 8.00
“ Hero. Black foliage.....	24 6.00	“ Alba. White flowers.....	30 8.00
“ Kirkpatrick. Green, blotched yellow.....	24 6.00	“ Betheli. Carmine and white flowers.....	30 8.00
“ Count Cavour. Carmine rose.....	24 6.00	Stevia Serrata Var. Foliage variegated, white and green.....	24 8.00
“ Golden Gem. Yellow and crimson.....	24 6.00	Verbenas. Best white.....	6 6.00
“ Golden Bedder. Clear yellow.....	24 8.00	“ “ Best blue.....	6 6.00
Golden Feather (Pyrethrum.) Bright yellow foliage.....	9 6.00	“ “ Best scarlet.....	6 6.00
Geranium Gen. Grant. Best single scarlet-flowered.....	18 10.00	Vinca Alba. White-flowering.....	24 8.00
Geranium Dbl. Gen. Grant. Best double scarlet-flowered.....	18 10.00	“ Rosea. Carmine rose.....	24 8.00
Geranium Master Christine. Single pink-flowered.....	18 10.00	Tropæolum Volcano. Scarlet-flowering.....	12 8.00
Geranium Naomi. Best double pink-flowered.....	18 10.00		

Roses for “Ribbon Lines” or “Massing.”

	Average Height, Inches.		Average Height, Inches.
Agrippina. Dark crimson.....	18	Safrano. Buff color.....	18
Hermosa. Clear bright rose color.....	18	Bon Silene. Brilliant carmine.....	18
Perle des Jardins. Large bright yellow.....	18	Isabella Sprunt. Canary yellow.....	18
Chas. Ravolli. Carmine shaded, silvery rose.....	18	Price of above variety of Roses:	
Marie Guillot. White large and double.....	18	1st size, \$25.00 per 100.	2d size, \$12.00 per 100.

Plants for Centres of Beds, Vases, or Baskets.

Pandanus Utilis. 25 cts. to \$2.00 each.	Draecena Terminalis. Well colored. 25 cts. to \$1.00 each.
Crotons, 12 Vars. 25 cts. to 50 cts. each.	Draecena Indivisa. 25 cts. to \$1.00 each.
Corypha Australis (Palm). 25 cts. to \$1.00 each.	Caladium Esculentum. Immense leaves. 25 cts., 50 cts. and \$1.00 each.
Seaforthia Elegans (Palm). 25 cts. to \$1.00 each.	Cannas. Light and dark foliage varieties. \$8.00 per 100.
Latantia Borbonica (Palm). 25 cts. to \$1.00 each.	

DESIGNS

FOR

FLOWER BEDS.

It is often troublesome for some who purpose setting out plants in the grounds surrounding their dwellings to decide on some suitable shape for their flower beds or what varieties of plants will give the finest display. For the convenience of such we have illustrated a few simple and effective designs, any of which can be produced at a comparatively small cost, and are easily kept in good order. On an average bedding plants can be set one foot apart, so that persons knowing the size of their flower beds can easily estimate about what number they will require. We will make special prices where large quantities are wanted. Flowering plants require no attention after being set out, though foliage plants, such as Coleus, Achyranthus, etc., need to be "pinched back" once in while, when they grow stragglingly, or to keep them down to the height required.

Designs same as those shown, but on a larger or smaller scale, as desired, can, of course, be made, giving a proportionate effect. The varieties of plants shown in our engravings are not arbitrary at all, but can be changed, and other kinds used to suit different tastes. In making the estimates below, we have allowed for the plants to be set closer than one foot apart, so that customers purchasing any of the selections can rely on having a good display early in the season.

Fig. 1	represents a circular bed 7 feet in diameter, which, filled as shown, would cost..	\$6 00
" 2	" a bed 12 feet square, cost.....	16 00
" 3	" a bed 40 feet long and 5 feet wide, cost.....	19 00
" 4	" a circle 6 feet in diameter, cost.....	5 00
" 5	" a circle 8 feet in diameter, cost.....	7 50
" 6	" a horse shoe design, cost.....	2 40
" 7	" a bed 8 feet long by 4 wide, cost.....	4 50
" 8	" an anchor, cost.....	4 50
" 9	" a girdle, cost....	2 00
" 10	" a square and circles, cost.....	10 00

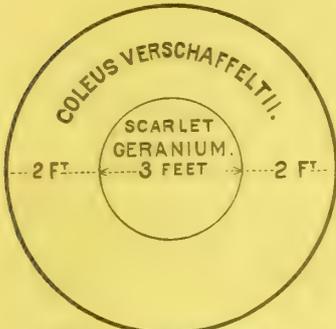


FIG. 1. 7 FT. IN DIAMETER.

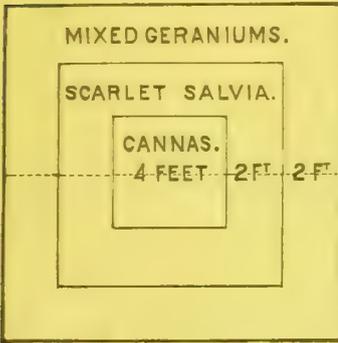


FIG. 2. 12 FEET.



FIG. 3.

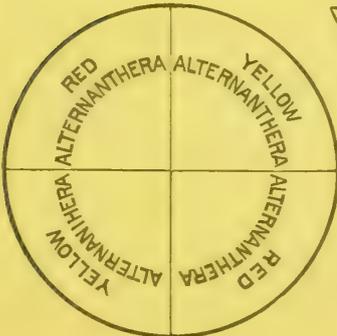


FIG. 4.



FIG. 10.

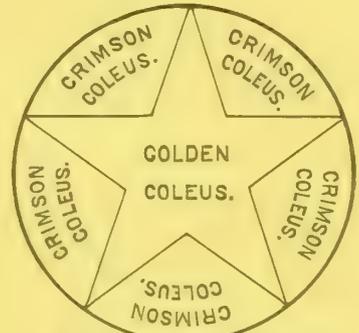


FIG. 5. 8 FT. IN DIAMETER.

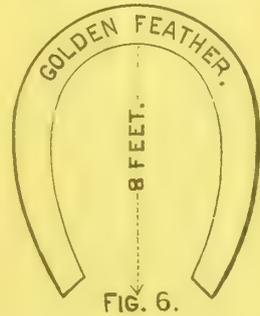


FIG. 6.

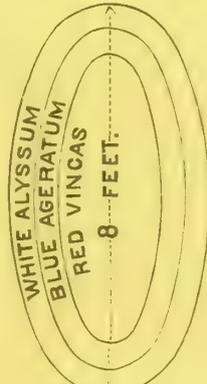


FIG. 7.

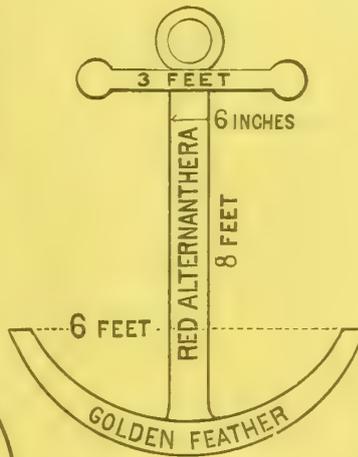


FIG. 8.

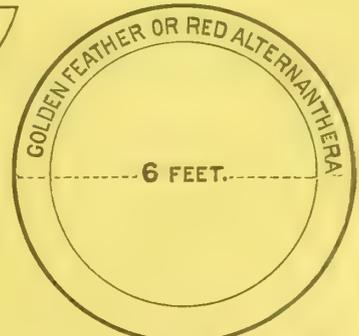


FIG. 9.

VEGETABLE PLANTS AND ROOTS.

Nearly all the *Vegetable Plants* here described we raise in enormous quantities on our grounds at Jersey City Heights, N. J., and we usually have them in their proper seasons in fine condition. By our light system of packing we can safely guarantee their safe arrival when sent by express, if the time in transit does not exceed three days. We make no charge for either packing or boxes.

Prices on all Vegetable Plants, for larger quantities than here given, made known on application.

ASPARAGUS ROOTS.

The preparation of the Asparagus bed should be made with more care than for most vegetables, from the fact that it is a permanent crop, which ought to yield as well at the end of twenty-five as of five years, if the soil has been well prepared. To start with, it should be on ground thoroughly drained, either naturally or artificially, and, if choice can be had, on a rather light sandy loam. This should be trenched and mixed with sufficient manure to form a coating of at least six inches thick over the bed; this manure should be worked into the soil by trenching to the depth of two feet, as the roots of the plants will reach quite that depth in a few years. In setting, the crown of the plants should be placed at least three inches below the surface. It makes but little difference whether it is planted in spring or fall; if in spring, it should be done as early as the ground is dry enough to work; and if in fall, just as soon as the plants can be had, which is usually in the early part of October. For an ordinary family, a bed of six rows, fifty or sixty feet in length, and three feet apart, will be sufficient, the plants in the rows being set nine inches apart.

Colossal. Two-year-old roots. \$1.00 per 100; \$2.00 per 1,000.

CABBAGE AND CAULIFLOWER PLANTS

(NOW READY)

that have been wintered over in cold frames, and are ready to plant out at any time from February to end of April, of the following varieties:

If by mail, add 25 cts. to 100 price.

Cabbage. Henderson's Early Summer. (Cold frame.) Per 100, \$1.25; per 1,000, \$10.00.

— Early Jersey Wakefield. (Cold frame.) Per 100, \$1.25; per 1,000, \$10.00.

— Early Flat Dutch. (Cold frame.) Per 100, \$1.25; per 1,000, \$10.00.

Cauliflower. Early Dwarf Erfurt. (Cold frame.) Per 100, \$3.00; per 1,000, \$20.00.

— Henderson's Early Snowball. (Cold frame.) Per 100, \$3.00; per 1,000, \$20.00.

Hot-bed plants of all the above early sorts ready about May 1st, at half the above rates.

CABBAGE AND CAULIFLOWER PLANTS.

For Fall and Winter Crops—Ready July 1st.
Cabbage. Large Drumhead. Per 100, 40 cts.; per 1,000, \$3.50.

— Premium Flat Dutch. Per 100, 40 cts.; per 1,000, \$3.50.

— Drumhead Savoy. Per 100, 40 cts.; per 1,000, \$3.50.

— Red (for pickings). Per 100, 50 cts.; per 1,000, \$4.00.

Cauliflower. Early Dwarf Erfurt. Per 100, \$1.00; per 1,000, \$7.50.

— Henderson's Early Snowball. Per 100, \$1.00; per 1,000, \$7.50.

— Algiers. Per 100, \$1.00; per 1,000, \$7.50.

CELERY PLANTS.

(READY JUNE 15TH.)

White Walnut, Golden Dwarf, Sandringham, Half Dwarf, Giant, Red, and Celeriac, or Turnip-rooted. Price \$1.00 per 100 by mail, or \$4.00 per 1,000 by express.

Our Special Circular sent free on application; ready June 20th.

CRANBERRY PLANTS.

We offer below the two leading varieties. Circular of instructions for culture will be inclosed with each order.

Eaton's Early Black Bell. Ripens very early, being fully colored by September 5th in the Eastern States; color very dark red, almost black, medium size, and very uniform, great bearer, good keeper, and vines perfectly hardy.

Mansfield Creeper. This is entirely different in growth and habit from all other varieties, it creeps on the ground and takes root at every joint, and bears shoots every two or three inches on the vine, and

throws out fruit buds for a fresh start another year. It is a few days later than the Eaton Bell; both are adapted to upland culture. It is of large size and great bearer, the flesh is tender; fine keeper, color dark scarlet on one side, the other side nearly white with a slight mottle, shape roundish oval.

Either of the above, by mail, per 100, 60 cts. By express, per 100, 50 cts.; per 1,000, \$4.00; per 5,000, \$15.00; per 10,000, \$25.00. (10,000 is sufficient to plant an acre.)

EGG PLANTS.

(READY MAY 15TH.)

N. Y. Improved. Each, 10 cts.; per doz., \$1.00; per 100, \$6.00.

Black Pekin. Each, 10 cts.; per doz., \$1.00; per 100, \$6.00.

HORSE RADISH SETS.

(NOW READY.)

By mail, per doz., 25 cts. By express, per 100, 75 cts.; per 1,000, \$5.00.

JERUSALEM ARTICHOKE.

Strong tubers, 25 cts. per qt.; \$1.50 per peck; \$5.00 per bush. A 3 lb. package, by mail for \$1.00.

KALE OR BORECOLE PLANTS.

(READY IN JULY.)

Green Curled Scotch. By mail, \$1.00 per 100. By express, 75 cts. per 100.

Brown German Curled. By mail, \$1.00 per 100. By express, 75 cts. per 100.

KOHLRABI PLANTS.

(READY IN JULY.)

White Vienna. By mail, \$1.00 per 100. By express, 75 cts. per 100.

LETTUCE PLANTS.

(NOW READY.)

Early Curled Simpson. (Cold frame.) Per 100, \$1.00.

Black Seeded Butter. (Cold frame.) Per 100, \$1.00.

Hot-bed plants of above ready May 1st, at half above rates.

PEPPER PLANTS.

(READY MAY 15TH.)

Large Bell or Bull Nose. Each, 10 cts.; per doz., \$1.00; per 100, \$6.00.

Sweet Mountain. Each, 10 cts.; per doz., \$1.00; per 100, \$6.00.

RHUBARB ROOTS.

Rhubarb Roots may be planted early in spring or in fall, setting the roots three feet apart each way; if planted in spring on ground well prepared, a full crop may be gathered the succeeding season. It requires but little labor; once planted, it will remain in bearing condition for three or four years, only requiring a top dressing of manure dug in in spring or fall.

20 cts. each; \$2.00 per doz.

SWEET POTATO PLANTS.

(READY MAY 25TH.)

Nansemond. The best sort for planting North. Per 100, 60 cts.; per 1,000, \$5.00.

TARRAGON PLANTS.

30 cts. each; \$3.00 per doz.

TOMATO PLANTS.

(READY MAY 1ST.)

Perfection. (New.) Per doz., 40 cts.; per 100, \$3.00.

Acme. Per doz., 40 cts.; per 100, \$3.00.

Paragon. Per doz., 40 cts.; per 100, \$3.00.

The Trophy (from headquarters seed). Per doz., 40 cts.; per 100, \$3.00.

Early Smooth Red. Per doz., 40 cts.; per 100, \$3.00.

New York Market. Per doz., 40 cts.; per 100, \$3.00.

Gen. Grant. Per doz., 40 cts.; per 100, \$3.00.

Books on Gardening,

—BY—

PETER HENDERSON.

For those who have not yet seen our works on Gardening, we give below a brief statement of their scope and contents:

“GARDENING FOR PROFIT.”

To such as are intending to begin the business of Market Gardening, we offer for their instruction our work “Gardening for Profit,” published first in 1866, and new edition in 1873. “Gardening for Profit” has had a larger sale probably than any work ever published on the subject of Horticulture. Upwards of fifty thousand copies have been sold, and we have hundreds of grateful testimonials from those who have been benefited by its teachings. The subjects of its contents are:

The Men fitted for the Business; Amount of Capital Required and Working Force per Acre; Profits of Market Gardening; The Market Gardens near London; Location, Situation, and Laying Out; Soils, Drainage, and Preparation; Manures; Implements; The Uses and Management of Cold Frames; The Formation and Management of Hotbeds; Forcing Pits

and Greenhouses; Seeds and Seed Raising; How, When, and Where to Sow Seeds; Transplanting; Packing of Vegetables for Shipping; Preservation of Vegetables in Winter; Insects; Vegetables—their Variety and Cultivation; Monthly Calendar of Operations.

Our second work, written in 1868, second edition in 1873, and the third edition December, 1878 is entitled:

“PRACTICAL FLORICULTURE.”

and it, like its contemporary, was written to teach how flowers and plants can be best “grown for profit.” The success of this has been even more marked than the first, when we consider that it only refers to a business exclusively a luxury. Upwards of twenty-five thousand copies of this work have been sold, and it has been the means of establishing thousands of persons in an agreeable, and in a majority of cases, profitable business. Its contents embrace:

Aspect and Soil; Laying out the Lawn and Flower Garden; Designs for Ornamental Grounds; Planting of Flower Beds; Soils for Potting; Temperature and Moisture; The Potting of Plants; Cold Frames—Winter Protection; Construction of Hotbeds; Greenhouse Structures; Greenhouses attached to Dwellings; Modes of Heating; Base Burning Water Heater; Propagation of Plants by Seeds; What Varieties come True from Seed; Propagation of Plants by Cuttings; How Plants and Flowers are Grown; Propagation of Lilies; Culture of the Rose; Culture of the Verbena; Culture of the Tuberose; Orchid Culture; Holland Bulbs; Cape Bulbs, Varieties and Culture; Culture of Winter-Flowering Plants; Construction

of Bouquets, Baskets, etc.; Wire Designs for Cut Flowers; Hanging Baskets; Parlor and Window Gardening; Wardian Cases, Ferneries, etc.; Formation of Rockwork; Insects; Are Plants Injurious to Health? Nature's Law of Colors; Packing Plants; Plants by Mail; The Profits of Floriculture; How to Become a Florist; Short Descriptions of Soft-Wooded or Bedding Plants of the Leading Kinds; What Flowers will Grow in the Shade; Greenhouse and Stove or Hothouse Plants, Annuals, Hardy Herbaceous, Perennial and Biennial Plants; Ornamental Shrubs and Climbers; Culture of Grape Vines under Glass; Parasols for Each Day.

Our first two books fell into the hands of many who had no desire to make gardening a business, but who yet wished for information on the subject for their private use. To such it was found that a book detailing operations on a smaller scale, yet embracing, as far as possible, all the information on the subject, was much wanted. To supply this want we, in 1875, wrote:

“GARDENING FOR PLEASURE,”

and it is flattering to state that the demand for it, for the time it has been issued, has been greater than either of its predecessors. Its scope of subjects is naturally greater than either “Gardening for Profit,” or “Practical Floriculture,” as it embraces directions for the propagation and culture of fruit, flowers, and vegetables. Its contents include:

Soil and Location; Drainage; Preparation of the Ground; Walks; Manures; How to Use Concentrated Fertilizers; Special Fertilizers for Particular Plants; The Lawn; Design for Garden; Planting of Lawns and Flower Beds; Fall or Holland Bulbs; Propagating of Plants by Seeds; Propagation of Plants by Cutting; Propagating by Layering; About Grafting and Budding; How Grafting and Budding are Done; Treatment of Tropical Bulbs. Seeds etc.; The Potting of Plants; Winter-Flowering Plants; Unhealthy Plants—the Remedy; Plants Suited for Summer Decoration; Hanging Baskets; Window Gardening; Parlor Gardening, or the Cultivation of Plants in Rooms; Wardian Cases; Ferneries; Jardinieres; Winter-Forcing the Lily of the Valley; Green-

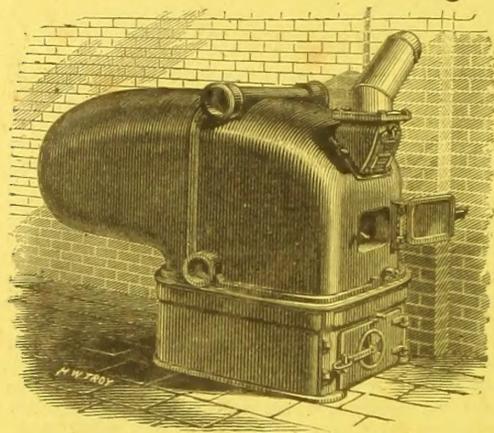
houses attached to Dwellings; A Detached Greenhouse or Grapery; Heating by Hot Water; Greenhouse Pits without Artificial Heat; Combined Cellar and Greenhouses; Hotbeds; Shrubs; Climbers and Trees; Hardy Herbaceous Perennials; Annual Flowering Plants; Flowers which will Grow in the Shade; Insects; Mildew; Frozen Plants; Mulching; Are Plants in Rooms Injurious to Health; Shading; The Laws of Color in Flowers; Pruning; Hardy Grapes; Cold Grapery; The Hothouse or Forcing Grapery; The Strawberry; The Cottage Gardening—A Digression; The Vegetable Garden; Garden Implements; Monthly Calendar of Operations.

All these works were written by Peter Henderson, the senior member of our firm, and are simply a relation of his extensive experiences of over a quarter of a century in all departments of Horticulture. They are written in the plainest language, so that the instructions can be at once understood, no matter how ignorant the reader may be on the subject. The price of “Gardening for Profit,” “Practical Floriculture,” and “Gardening for Pleasure,” is \$1.50 each (prepaid by mail); but to all ordering seeds, plants, or other articles to the value of \$10.00 (in one order), from this Catalogue any one of them will be added gratis. For conditions of this offer, please see Introduction.

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TO AMATEURS:

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CARD.

For the convenience of our patrons in New York City, Jersey City and Long Island, we have established a Store House on Vernon Avenue, Long Island City, where can be found a full Assortment of Greenhouse Pots in large or small quantities. Post Office Address, A. H. HEWS & Co., Box 105, Long Island City.

NOTE.—All inquiries outside these limits must be addressed to

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In writing, please give Messrs. Henderson's Catalogue credit for this advertisement.

HENDERSON'S HANDBOOK OF PLANTS.

BY PETER HENDERSON.

This new work is designed to fill a want that many amateur and professional Horticulturists have often felt—the need of a concise yet comprehensive Dictionary of Plants. The work above named, written and compiled with great care, we think will fully meet such a want.

The scope of the work embraces the Botanical Name, Derivation, Linnæan, and Natural Orders of Botany of all the Leading Genera of Ornamental and Useful Plants, up to the present time (comprising every plant of importance relating to the mechanic arts, as well as to the greenhouse and vegetable garden), with concise instructions for propagation and culture. A valuable feature of the book, particularly to amateurs, is the great care that has been given to obtaining all known local or common names; and a comprehensive glossary of Botanical and Technical terms is also given, which will be found of great value even to the experienced Horticulturist.

As a book of reference, **HENDERSON'S HANDBOOK OF PLANTS** will take the place, for all practical purposes, of the expensive and voluminous European works of this kind, as it has been written with a view to meet the wants of those engaged in Horticulture in this country. Instructions for the culture of many important plants have been given at length.

PRESS NOTICES.

In preparing this work, Mr. Henderson has added largely to the gratitude American horticulturists already owe him. It is somewhat on the plan of Paxton's and Johnson's dictionaries, with the explanatory style of Lindley & Moore's Treasury of Botany. It is in fact, a brief but intelligent history of plants from an American standpoint, the plants described being such as an American is likely to come across either in his reading or daily experience.—*Gardener's Monthly*, Philadelphia.

The work is intended to, and does fill a place entirely unoccupied in our horticultural literature, and the matter is so concisely arranged that the cost of the work will put it within the reach of every owner of a garden. Careful examination shows it to be, as claimed, an indispensable *volume necesse*.—*Country Gentleman*, Albany.

Mr. Henderson, in preparing and publishing this volume, has rendered a very important service, alike to scientific and amateur gardeners, and to all who take an interest in plants and flowers. It is literally an encyclopaedia containing separate articles, descriptive of everything in the vegetable world, under both the botanical and vulgar names, giving information in regard to the origin and nature of the plants, mode of propagation, etc.; just the book which everyone who undertakes their cultivation, or who wishes to learn about them, will be glad to have at hand. The article *Rosa* (Rose), for instance, has eleven columns devoted to it; *Cranberry*, five columns; *Strawberry*, two columns. We do not recall a plant or flower that is not appropriately treated.—*N. Y. Observer*.

"Henderson's Handbook of Plants" is the latest work of the well-known writer, Mr. Peter Henderson of New York. It is a book of over 400 pages, and as its title shows, is a list with a description of all the useful plants, arranged alphabetically with the common and scientific names. Like all of Mr. Henderson's literature, this seems to embrace much in a small compass, and will be found very useful for florists, fruit growers, gardeners and others.—*Farmer's Home Journal*, Louisville, Ky.

This is an encyclopaedia of plants giving derivation of their names, time of discovery, place where found, where and in what soil they will do best, together with much general information, descriptive and otherwise. It will prove of great interest and value to florists and horticulturists, as well as botanists, landscape gardeners, and those who cultivate flowers and shrubs for private enjoyment.—*Herald and Presbyter*, Cincinnati.

We are in receipt of the "Handbook of Plants," by Peter Henderson, and find it a very interesting and valuable publication. It will become a standard work of reference, no doubt, and find a place in the library of every country gentleman.—*Farm Journal*, Philadelphia.

The object of the "Handbook of Plants" is to supply a dictionary of those genera and species of plants to which amateurs, or indeed professional gardeners and florists, or even farmers, have frequent occasion to turn as a book of reference. We have many such works, most of them, however, published in foreign countries, and therefore not to be accepted as trustworthy guides in this country as regards methods of propagation and culture.—*Rural New Yorker*.

FROM SEEDSMEN.

I have not yet had time to fully examine the Handbook of Plants, but to have Peter Henderson on my elbow, within nudging distance, is beyond all controversy, a great gain.

JAS. J. H. GREGORY, Marblehead, Mass.

We are very much pleased with the arrangement of the Handbook of Plants, and consider it a very valuable and convenient book of reference.

D. LANDRETH & SONS, Philadelphia.

HENDERSON'S HANDBOOK OF PLANTS is a large octavo volume of 412 pages, printed on fine white paper, and handsomely bound in cloth.

We will forward the book, post-paid by mail, on receipt of \$3.00; or we will send it as a Premium on orders for goods selected from this Catalogue, for conditions of which offer, please refer to page 4.

PETER HENDERSON & CO.,

35 & 37 Cortlandt Street, New York.

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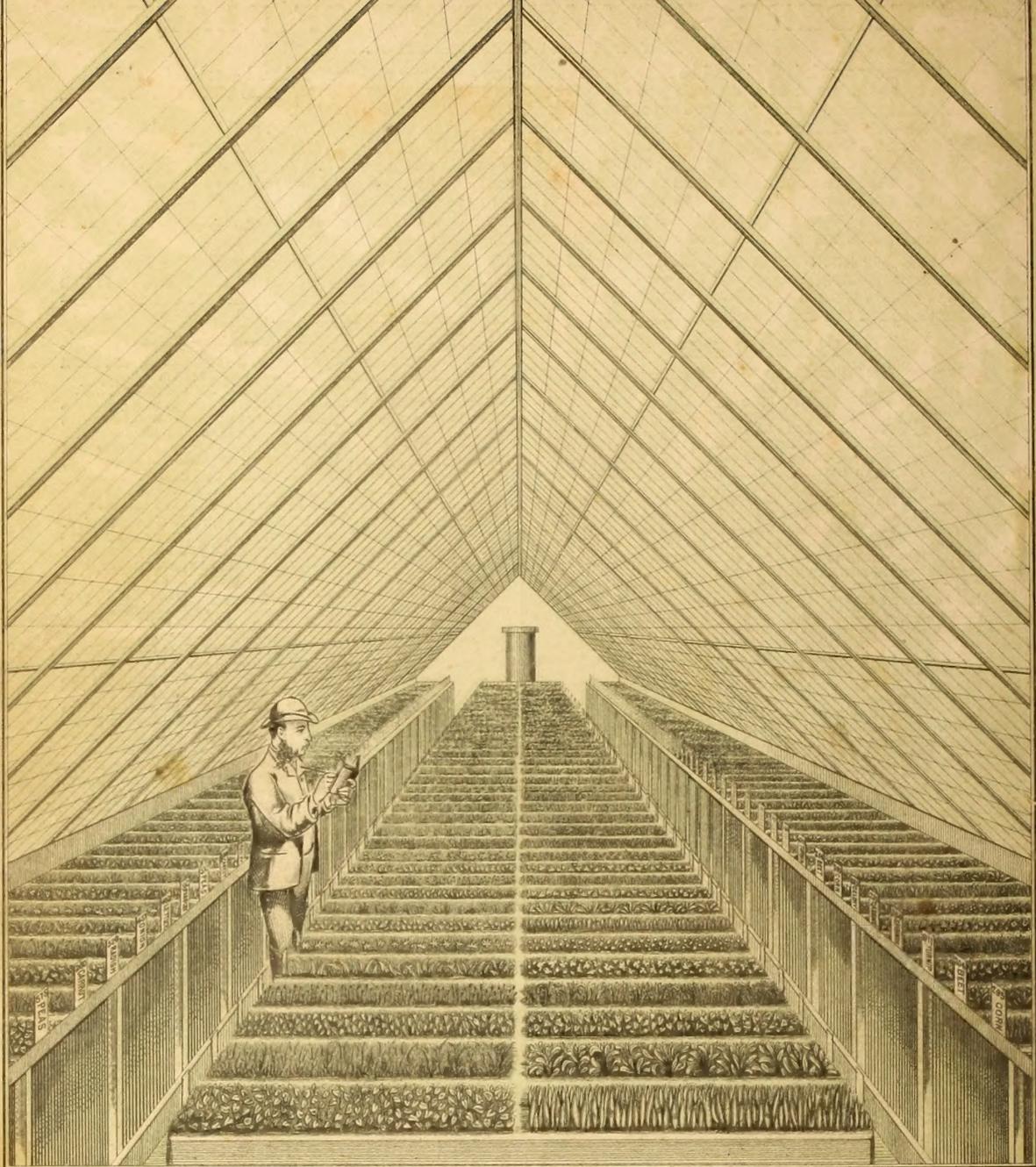
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