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PETER HENDERSON & Co's

MANUAL OF

EVERYTHING FOR THE GARDEN

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PETER HENDERSON & CO.
33 CORTLANDT ST. N.Y.

1886

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PETER HENDERSON & Co.'s

MANUAL OF

EVERYTHING FOR THE GARDEN

For 1886.

OUR Manual or Catalogue for 1886 is before you, and between its covers we think will be found much information that is both interesting and instructive. The range of our business now comprises not only every department of the Garden and Green-house, but the larger field of the Farm as well, so that our trade mark of "Everything for the Garden," which was sufficiently comprehensive at the time we originated it, is to-day not broad enough to cover our announcements. We are conscious that Introductions to Catalogues, like an author's preface, are often never read, but as justice in the one case demands that it should be, so in fairness to the seedsman or florist his arguments for public favor should be listened to. Our claims to the patronage of the gardening and farming community we have this year put under different headings, which will be found on the next and succeeding pages.

HOW AND WHEN TO ORDER.

This Manual is usually in the hands of our regular customers by January 10th, and it would greatly aid us in the execution of orders for Seeds if those intending to so favor us would forward their lists (if for Seeds or Implements, on Seed Order Sheet; and for Plants, made out on the Plant Order Sheet that accompanies this Catalogue) as soon after its receipt as possible. Not only are early orders a relief to us, but very often, from various causes, we cannot always accurately judge the probable demand, particularly in new things, and in consequence we often run out of many articles long before the planting season has passed by. When Plants are ordered, the same remarks, with some modification as to season, will apply, although we again reiterate what we have in previous Catalogues stated, that we now ship these tender and perishable goods all the year round. Our light mode of packing, a system originating with ourselves, obviates all danger of their not reaching customers in good order; at all events, we will guarantee their safe arrival when sent either by express or mail. The safe arrival of all Seeds is also guaranteed.

Postage on Seeds.—As we do a large local trade, in justice to those of our customers who buy at our counters, we have for several years based prices in this list on the purchaser adding postage when buying Seed in bulk to be sent by mail. The postage we exact is this: that when seeds are ordered to be mailed in quantities of $\frac{1}{4}$ lb. and upward, postage must be added to Catalogue prices at the rate of 16 cents per pound. As postage for Beans and Peas, please add 30 cents per quart; and to Corn, 20 cents per quart to Catalogue prices. But when ordered by the packet or ounce, either Vegetable or Flower Seeds will be sent by mail at Catalogue prices without extra charge.

About Forwarding and Remitting.—Every order is executed at once on its receipt, or a reason given why it has not been sent, so that parties ordering may know that if goods are not received in proper time, it is almost certain that the letter has not been received by us. Remittances should be made either in the form of a Money Order, Bank Draft, Express Order, or Registered Letter. Remittances in any other way are entirely at the sender's risk.

TO THE RECIPIENT.—To those who purchased from us last season, this Catalogue is sent without charge and without application. If an additional copy is wanted, it will be sent on receipt of six cents in stamps. The actual cost of each Catalogue to us is over three times this amount.

Vegetable Seed Department.

This, the most important department of a seedsman's business, has always received the most careful attention at our hands. Not only do we exercise a constant and watchful care over our growing seed crops in different sections of the country, but every variety of Vegetable Seeds as it comes to us is tested in our green-houses, and a record taken of the percentage of growth. Afterwards plants of all vegetables are transferred to the open ground, where constant examinations are made to prove their nearness to what we consider the best types. That this practice of seed testing, in which we were the pioneers, and which we persistently follow year after year, should have proved of the greatest value not only to our customers, but to ourselves, the best market gardeners' trade in the United States furnishes an unanswerable reply. Our 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 more importance, the purity of and the kinds of seeds best suited for gardening purposes.

A New Feature with us this season is the adoption of a trade mark, of which the illustration herewith is a reproduction. This label will be found on every package, large and small, of Vegetable Seeds ordered from this catalogue, beginning with 1886. It will be printed on red paper, with black ink, and will in most cases be affixed over the lip on the back of packages.

We have been reluctantly forced to protect ourselves in this way because of the many complaints made to us by buyers, where unscrupulous dealers have foisted on them other seeds, under the mantle of our hard earned reputation.

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 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. It will be seen we make two classifications of Novelties and Specialties in Vegetable Seeds, the first comprising only such varieties as we offer this year for the first time. In the second division will be found Novelties of last season, as well as Specialties of our own, whose great value justify us in calling attention to them repeatedly.

Farm Seed Department.

We have been so long identified with the various branches of garden operations, that it seems natural enough that we should now invade the domain of the Farm, for while our practical experience has been confined more strictly to Horticulture, yet as the operations of the Farm and Garden are in so many ways akin, we believe our veteran experience in the one field gives us some right to speak in the other. The same methods which we have used successfully in our Garden seed trade, we propose to use in the larger field of Farm seeds. These are briefly:

1st. The practical testing of all cereals, grass and root crop seeds before selling, and the offering of only the best and cleanest samples to be obtained.

2d. The experimenting with new varieties as they appear, and the retention of such only as are likely to prove of universal value.

In this connection it will not be out of place to call attention to the announcement elsewhere in the catalogue of the new book on American Farming, written by William Crozier and Peter Henderson, entitled, "HOW THE FARM PAYS." In our announcement of this book given in full the table of contents which will show how thoroughly our customers have been served.

Flower Seed Department.

Under this heading in its place in the Catalogue will be found offered one of the most complete collections of Flower Seeds ever offered in this country. Our unsurpassed assortment is enriched every year by the addition of the most desirable new varieties of both American and foreign origin. The seed of many of our choicest flowers are saved each season at our grounds in Jersey City, and besides our list of Novelties and Specialties in this department, our General List embraces many scarce and odd kinds not found in other lists. In what are known as Florists' Flowers, such as Carnations, Calceolarias, Cinerarias, Primulas, etc., our strains stand unrivaled.

Plant Department.

In 1848 Peter Henderson began his business career as a florist in Jersey City with a few small, poorly arranged green-houses such as were mostly in vogue in those days. From that small beginning has been developed the most extensive range of glass structures on this continent, which he to-day still personally superintends. In area our green-houses occupy $4\frac{1}{2}$ acres *solid* in glass. These green-house structures are heated both by steam and hot water, and fitted up with every modern appliance, so that they are easily graded to any temperature, and thus the most perfect health and vigor is given to the plants. With such unequalled facilities for their production, it will be quickly seen that we can compete with any in the matter of prices. Some idea of our production can be formed when we state that our sales of plants in 1885 reached $2\frac{1}{2}$ millions in number. This does not include Vegetable Plants (Cabbage, Cauliflower and Celery), of which our sales alone aggregated six million plants.

SUMMARY OF ADVANTAGES

TO BE GAINED IN PURCHASING OF

Peter Henderson & Co.

1st. Selling, as we do, "Everything for the Garden," orders for Seeds, Plants, Implements, etc., can be packed and shipped together, thus saving largely to customers in time, convenience and express or freight charges.

2d. That we firmly believe purchasers are safer in dealing with us than with most seed houses, because of our invariable practice of testing Seeds before selling, a practice that has all the more value because it is supervised by men who have had a life-long experience in garden work.

3d. That all orders for Seeds and Plants are filled the same day as received, and the safe arrival of all Seeds and Plants is guaranteed.

4th. That those buying direct from us can obtain, without charge, as premiums on their orders, our Mr. Peter Henderson's books, which in themselves form a complete garden and farm library. For conditions of offer see second page of cover.

5th. Finally, after the foregoing array of facts, there still remains the inducement that our prices will average as low as those of sources indifferent alike to the seed buyer's interests and their own reputation, so that if in doubt where to send your orders, we feel we can urge you to make a start with us, and see whether the constant care we claim to exercise is not made manifest in the most satisfactory results.

Peter Henderson & Co.

HOW THE FARM PAYS

AN ENTIRELY

NEW WORK on AMERICAN FARMING

WRITTEN BY

William Crozier

AND

Peter Henderson.

We give below the Table of Contents of this valuable new book, which, since it was published in October, 1884, has received hundreds of the strongest endorsements from Agricultural papers and practical Farmers all over the country. We will send the book post-paid by mail on receipt of \$2.50, or it may be had as a Premium on orders from this Manual. For conditions please refer to second page of cover.

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The Vegetable Garden.

A FEW BRIEF DIRECTIONS

IN SELECTING SOILS, DRAINING, MANURING AND GENERAL PREPARATION OF THE LAND FOR THE
SOWING AND CULTURE OF VEGETABLE SEEDS

By PETER HENDERSON.

SOILS.

To get the best results from seeds sown in the Vegetable Garden, the condition of the soil, when selection can be made, is of the first importance. Whenever choice can be made always select soils having a sand or gravel for the subsoil—that is, the soil that usually lays 10 or 12 inches *below* the top soil. The top soil is usually darker than the subsoil, and should be what is known as sandy loam. It is not to be expected that the amateur in gardening can judge what is suitable soil, but there is a rule that will always guide him safely. Wherever good farm crops of corn, hay or potatoes are produced such soil will always answer for nearly all kinds of vegetable crops.

DRAINAGE

Is hardly ever necessary if the subsoil is of gravel or sand, that is natural drainage; but should the subsoil be of stiff clay, such as brick could be made from, then, to get good results, drainage must be resorted to, for no matter how fertile the natural condition of the soil may be, or how well it is manured, if water remain in the soil at the depth to which the roots penetrate, no good crop can ever be raised until the water is drained off. The best material for draining is drain tiles, if they can be obtained conveniently, but when they cannot an excellent substitute can be had by using boards. Take rough pine or hemlock boards, cut them into widths of three or four inches and nail them together so as to form a triangle, taking care to break the joints in nailing the boards together. These drains are usually set with the flat side down, but they will drain better if put with a point down.

Drains should never be less than three feet below the surface, and not less than 20 feet apart. The more fall they have, of course the quicker will be the drainage, though very little fall will answer; 1 foot in 200 will answer very well if the drains are carefully laid.

MANURING.

There are few soils where vegetables can be well grown without the use of manure, unless in deep prairie lands or in lands reclaimed from the forests where the vegetable matter is still abundant in the soil; but ordinarily, in nine cases out of ten, where vegetables are grown in private gardens manure is a necessity. The best, whenever it can be obtained, is well rotted stable manure, either from cows or horses, put on at the rate of one ton, or an ordinary wagon load, for every 500 square feet—that is, for every space 20x25 feet, when it is to be used broadcast. When used in hills, as for melons or tomatoes, or in rows, as for potatoes, one-sixth of the quantity will answer. When Commercial Fertilizers are used, such as guano, bone dust or superphosphates, the best rule for quantity is to sow the fertilizer on the surface of the soil (after it has been dug or plowed), about thick enough to just color the surface, or about as thick as sand or saw-dust is usually strewn on a floor, and then thoroughly chopped in with a rake or digging fork so as to mix it thoroughly with the soil, for if it comes in contact with the seed or roots in large quantities it will injure them.

IN PREPARING THE GROUND

For the reception of seeds be careful to see that it is sufficiently dry before you begin. Thousands every season, in their hurry to get to work to "make garden," begin working the soil before it has become sufficiently dry and warm, and often failure, complete or partial, is due solely to that cause. No date can be given at which to begin operations, as the locality, the nature of the soil, and other conditions would make any date an unsafe guide. The safest plan is to notice when experienced farmers and market gardeners begin to plow in your vicinity—it will then be safe to begin operations. In this vicinity the ground is usually dry enough to work from the 5th to the 20th of April. To the south earlier, of course; to the north, later.

GENERAL DIRECTIONS.

Before seed should be sown the ground should be dug with the digging fork to a depth of 7 or 8 inches, being careful to break and pulverize it as thoroughly as possible. Dig so that the surface be as level as can be, using the steel rake to smooth the surface after digging. Nearly all crops are best grown by being sown in drills or rows, which are made by stretching the line tight and making a drill by the draw hoe to the depth necessary for the kind of seed to be sown or planted. For peas or beans the drill should be about three inches deep, while for small seeds, such as spinach, onion or carrot, one to two inches deep is sufficient. But in every case, unless the ground is very damp, after sowing the seed in the drill it should be pressed down with the foot enough so as to moderately compact it into the soil, then with the back of a rake draw the soil lengthways of the row and then pat it with the back of a spade or use a small roller if you have one, the object being to exclude the air from penetrating into and drying up the seeds before they start to grow. For more full details of this most important matter see article on "The Use of the Feet in Sowing and Planting," in our book, "Garden and Farm Topics."

HENDERSON'S

Complete Collections for the Vegetable Garden.

The fact that so many customers every year send us orders *carte blanche* for Collections of Vegetable Seeds has led us to prepare the assortments named below, for the convenience of those who either do not care to wade through long lists, or who prefer our judgment to their own as to kinds and quantities.

As will be seen, these "*Complete Collections*" are adapted for both small and large gardens, and from the fact that we make up a large number of them before our busy season begins, we are enabled to offer any of the Collections at prices which are at least twenty-five per cent. less than the same quantities and varieties are usually sold for separately. With every Collection we send a pamphlet, giving clear and plain directions for the sowing and after treatment of each Vegetable, so that the most inexperienced cultivator may succeed in having a full and abundant supply of fresh vegetables during the entire season. The pamphlet of instructions referred to has been

written by Mr. Peter Henderson, the senior member of our firm, whose practical knowledge on everything connected with garden work is well known. It only remains for us to add that these Collections are contained in neat wooden boxes, and at the prices attached will be delivered to any freight or express office in New York. But it is understood that the buyer must pay the express or freight charges in every instance; also that no changes can be made in any Collection.

	No. 1. Price, \$5.00.	No. 2. Price, \$10.00.	No. 3. Price, \$15.00.	No. 4. Price, \$20.00.	No. 5. Price, \$25.00.
Asparagus, Colossal.....	Contains 1 oz.	Contains 3 oz.	Contains 6 oz.	Contains 10 oz.	Contains 16 oz.
Beans, bush, best kinds for succession.....	2 pts.	2 qts.	3 qts.	4 qts.	6 qts.
" Lima and other Pole.....	1 pt.	1½ pts.	2 pts.	1 "	2 "
Beet, best sorts for succession.....	4 oz.	6 oz.	8 oz.	12 oz.	16 oz.
Brussels Sprouts.....	1 pkt.	1 pkt.	½ "	½ "	1 "
Cabbage, best early and late sorts.....	2 oz.	3 oz.	4 "	5 "	6 "
Carrot, " " " ".....	2 "	6 "	8 "	12 "	14 "
Cauliflower, best varieties.....	1 pkt.	2 pkts.	3 pkts.	3 pkts.	1 "
Celery, Half Dwarf and Golden Dwarf.....	1 oz.	1½ oz.	2 oz.	2 oz.	3 "
Cucumber, Improved White Spine and others.....	1 "	2 "	3 "	4 "	6 "
Corn, Sweet, best early and late sorts.....	3 pts.	3 qts.	4 qts.	6 qts.	7 qts.
Cress or Pepper Grass, Curled.....	1 oz.	2 oz.	2 oz.	1 oz.	4 oz.
Egg Plant, New York Improved.....	1 pkt.	1 kt.	½ "	½ "	½ "
Endive, best Curled.....	1 "	½ oz.	½ "	1 "	2 "
Kale, Dwarf German and Curled Scotch.....	1 "	1 "	1 "	1 "	1 "
Kohl Rabi, Early White Vienna.....	1 "	½ "	½ "	1 "	1 "
Leek, American Flag.....	1 "	½ "	1 "	1 "	2 "
Lettuce, best varieties.....	2 "	1½ "	2 "	3 "	4 "
Melon, Musk, best kinds.....	2 "	2 "	3 "	6 "	8 "
" Water, ".....	2 "	2 "	3 "	4 "	4 "
Okra or Gumbo.....	1 "	2 "	4 "	4 "	4 "
Onion, best varieties.....	2 oz.	4 "	6 "	6 "	8 "
Parsley, Extra Curled.....	1 "	2 "	2 "	3 "	4 "
Parsnip, Long Smooth.....	1 "	2 "	3 "	6 "	8 "
Peas, best early and late sorts.....	4 pts.	4 qts.	6 qts.	8 qts.	10 qts.
Pepper, Large Bell and Long Red.....	1 pkt.	2 pkts.	3 pkts.	3 pkts.	1 oz.
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Salsify or Oyster Plant.....	½ "	½ "	1 "	3 "	4 "
Spinach, best sorts.....	4 "	8 "	8 "	10 "	12 "
Squash, Summer and Winter.....	2 "	4 "	4 "	6 "	8 "
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Herbs, most useful kinds.....	2 pkts.	3 pkts.	4 pkts.	5 pkts.	6 pkts.

None of the above Collections carry with them any of our Mr. Peter Henderson's Books as Premiums.

NEW AND DESIRABLE VARIETIES IN

VEGETABLE SEEDS

CATALOGUED FOR THE FIRST TIME by Peter Henderson & Co.

Read what we say about Postage on Seeds, page 1.

RHODE ISLAND DWARF CASEKNIFE BEANS.

RHODE ISLAND DWARF CASEKNIFE BEANS.

A very dwarf and strong growing variety. The beans are large in the green state, and the plants bear continuously during the summer months. When young the beans are tender, and of very fine flavor. It is very hardy, and will stand more changes in temperature than almost any other variety. It is exceedingly early, and the yield as a snap bean exceeds that of any other variety.

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

JERSEY EXTRA EARLY LIMA BEAN.

JERSEY EXTRA EARLY LIMA BEAN.

In this Extra Early Lima Bean we have a variety that is at least ten days or two weeks earlier than any other sort. Last year the pods were large enough to pick July 24th, and were sold in the New York markets a week later at the rate of \$3.00 per bushel (of pods). In appearance and size it is about the same as the Large White Lima, and is of equally good quality. An early Lima Bean, such as the Jersey Extra Early, is a great *desideratum* to those living in districts where the season is too short to mature the ordinary later varieties.

75 cts. per qt.; \$5.00 per peck.

FRENCH ETAMPES, or English Canterbury Bean.

Most distinct in appearance and growth, with a habit both dwarf and compact. Very early, extremely delicate in flavor, and enormously productive.

40 cts. per qt.; \$2.50 per peck.

We are very apt to find fault when seeds prove unreliable, and keep very quiet when they prove true. I want to be an exception to the rule, and to tell you that I drew twelve first premiums at the Lancaster County Fair last fall, on vegetables, all the seed of which was bought from you.

COLUMBIA, PA., January 17th, 1885.

JNO. STERLINE.

A New Asparagus—The Palmetto.

(See Colored Plate.)

Mr. John Nix, of this city, who is widely known as perhaps the largest commission dealer in fruits and vegetables in the country, has called our attention to the merits of this new Asparagus. Mr. Nix has a farm in South Carolina where he grows vegetables for the New York market, Asparagus being a very important crop. Of this he has always planted the Conover's Colossal, until several years ago he noticed that his neighbor's Asparagus, under the same conditions, was invariably better than his own, being not only much earlier, yielding better, but more even and regular in its growth. The difference, in fact, was so marked, that Mr. Nix deemed it advisable to purchase a supply of the roots of the new sort, and since then he has been able to hold his own with any one on this crop. Mr. Nix thinks so highly of the Palmetto Asparagus, that he is anxious that it shall have the widest distribution, and has kindly placed a limited quantity of both roots and seeds with us. The Palmetto variety is equally well adapted for planting North or South, and to sum up, has the essential advantages of earliness, yield, quality and evenness of growth over all other known varieties.

Price of Roots, \$2.50 per 100 (50 at 100 rate); \$20.00 per 1,000 (500 at 1,000 rate). Price of Seed, 15 cts. per pkt.; 50 cts. per oz.; \$1.50 per $\frac{1}{4}$ lb.; \$5.00 per lb.

New Summer Cabbage Lettuce,

Henderson's New York.

(See Colored Plate.)

In Henderson's New York Lettuce we have a variety that we believe a single season's trial will place in the same high rank that the Salamander and Black Seeded Simpson occupy, varieties both of which were introduced by us. Henderson's New York is a remarkable summer Lettuce, with no tendency to run to seed, as was clearly shown in our trial grounds during 1885, where we grew 36 kinds of Lettuce, all of which were allowed to stand, and while other varieties on every side ran to seed, we failed to find a single plant in the row of the New York that threw up a flowering spike. It is also unusual for size and solidity of head. We have seen plants of the New York Lettuce eighteen inches in diameter, which weighed nearly four pounds, with heads almost as solid as an Early Summer Cabbage, which, by the way, in general form it somewhat resembles. It blanches itself naturally, is crisp, tender, and of excellent flavor, and entirely free from bitterness. The color on the outside we consider to be distinct in shade from any other Lettuce that we are familiar with, and may be described as a clear deep apple green, on the inside yellowish white. Seeds white. We do not claim any foreign qualities for this Lettuce, but we do believe it is not only most distinct, but also one of the very best summer varieties ever introduced.

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

Nichol's Medium Green Cucumber.

(See Colored Plate.)

We think so well of this new Cucumber that we have given it a place on our colored plate. We had it growing for seed purposes the past season in several States, and thus had every opportunity to observe its characteristics. As a pickle sort it will be found unequalled, and for early forcing purposes or for slicing there is no better variety. It is exceedingly productive, of medium size, and always straight and smooth. The color is dark green, the flesh tender and crisp. Altogether it is a most welcome addition; in fact, since the advent of the Green Prolific variety, no other new Cucumber that we have had experience with has pleased us so much.

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

THE PALMETTO ASPARAGUS

HENDERSON'S NEW YORK LETTUCE

NICHOL'S
MEDIUM GREEN CUCUMBER

VEGETABLE NOVELTIES
FOR 1886
OFFERED BY * PETER HENDERSON & Co.
35 & 37 CORTLANDT ST, NEW YORK.

NEW SELF-HUSKING CORN.

New Self-Husking Corn.

A new variety; of dwarf habit; very early, perhaps the earliest Field Corn in cultivation, ripening fully ten days before the Early Yellow Canada. The ears are large, averaging ten inches in length, while the cob is small. It often produces three ears to the stalk, seldom confining itself to one, even under ordinary cultivation. The great merit we claim for this variety, however, lies in its departure from the habits of all other Corn, in the inclination to strip itself clean of its husk, a distinctive feature we have tried to show in the above engraving, and which has suggested the name of "Self-Husking." So marked a peculiarity of this kind is of no little value where large areas of Field Corn are grown.

Price, 40 cts. per quart; \$2.50 per peck.

THE VOLGA WATER MELON.

The Volga Water Melon.

In this new Water Melon, of Russian origin, we have something that is most distinct, and, at the same time, the finest flavored variety that we have ever tasted. As our illustration shows, it is a perfect globe in shape, of small size—the weight rarely exceeding fifteen pounds. It is, however, wonderfully productive, and for private use we know of nothing that is likely to prove more desirable. We must again refer to the quality, which in the specimens we have now tasted for two years has exceeded in richness and delicacy of flavor the Icing varieties, which are usually accepted as the standard of quality among Water Melons. It remains to be seen whether this variety will succeed generally in this country. We can say, however, that as far north as Quebec, Canada, it has done admirably, and we believe that it is well worthy a trial.

Price, 25 cts. per pkt.; five pkts. for \$1.00.

With me, the Early Summer Cabbage is almost as early as the Jersey Wakefield. I sold on the 25th of July 4,000 Early Summer in one day, almost a clean cut of the field. I was also very much pleased with the Hackensack Musk Melon.

ST. HENRY OF MONTREAL, February 4th, 1885.

R. BRODIE.

BALTIMORE MUSK MELON.

BALTIMORE MUSK MELON—SECTIONAL VIEW.

Baltimore Musk Melon.

A very productive and excellent shipping Musk Melon, and a variety that is always to be found in its season in the best hotels and restaurants in New York, Philadelphia and Baltimore. The illustrations will give a good idea of its form and the relative thickness of its flesh, to which is only to be added that it is a green fleshed sort of the most delicious flavor.

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

New Spanish Sweet Pepper.

"Pimiento Dulce."

Mr. Edward Belknap, of Powhatan Co., Va., kindly supplied us with seeds of this Spanish Sweet Pepper, and as it has done so well with us we feel warranted in offering it for sale. Mr. Belknap informs us that this Pepper, which comes from Valencia, is universally used in Spain, quite as much if not more than the Tomato, both for canning and cooking purposes. Among the better classes it forms a part of every stewed dish, and the poorest use it daily in the season, cut in pieces and fried. There are two varieties of Spanish Sweet Pepper grown in Spain, both equally esteemed. In the variety we offer (from Valencia), the fruit, when ripe, is from four to five inches long, coral red, and pointed at the end. The foliage and habit of the plants of this Pepper are quite different from the sorts we have so long been growing in this country, but the same cultural treatment will be found sufficient.

Price, 25 cts. per pkt.; 5 pkts. for \$1.00.

MAMMOTH IRONCLAD WATER MELON.

Mammoth Ironclad Water Melon.

A variety of undoubted excellence, of large size and weight, crops of it averaging nearly 50 lbs. each. The flesh is deep red and of a delicious rich flavor, holding its fine quality very close to the skin. In outside appearance it is somewhat like the Gypsy, but there the resemblance ends. For shipping and keeping qualities the Ironclad is unsurpassed. The vines are strong growing, and altogether it is a most valuable acquisition.

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

I shall plant Henderson's First of All Peas entirely this year for first crop

NEW MILFORD, CT., January 3d, 1885.

F. STURGIS, Market Gardener.

PERFECT PEACHBLOW POTATO.

Copyrighted, 1885, by Peter Henderson & Co.

NEW POTATO — PERFECT PEACHBLOW.

In the Perfect Peachblow, we have a Potato which somewhat resembles the old Peachblow in general appearance and possessing its most desirable qualities, but ripening earlier and cooking through quickly and completely, a characteristic that was wanting in the older variety. As shown in our illustration, the Perfect Peachblow is of irregular globular form, medium to large size, very uniform, skin russeted, sometimes blotched with purple, especially near the stems. Eyes bright pink, very few and small, slightly indented. Flesh pure white, fine grain, and cooks dry and mealy. Quality first-class in every respect. Vines vigorous and of compact growth. Yield very large and cooking qualities unexcelled. (*See illustration.*)

1 lb., by mail, 75 cts.; by express or freight (purchaser paying charges), \$3.00 per peck; \$10.00 per bushel; \$20.00 per bbl.

CHARTER OAK POTATO.

Copyrighted, 1885, by Peter Henderson & Co.

NEW LATE POTATO—CHARTER OAK.

This new variety is remarkable alike for its fine appearance, great yield, and extraordinary keeping qualities. The tuber is a large irregular oval, flattened; skin white and smooth; eyes bright pink; quality first-class; vines large and vigorous. This variety combines in an unusual degree the qualities most desirable in a market Potato for late keeping, and as such it promises to take a leading position as soon as more extensively known. *Received a first-class certificate from the Royal Horticultural Society of London.* (*See illustration.*)

1 lb. by mail, 75 cts.; by express or freight (purchaser paying charges), \$3.00 per peck; \$10.00 per bush.; \$20.00 per bbl.

WILMINGTON, N. C., July 3d, 1885.

I think the use of your seeds and the reading of your books will make any man a gardener if he follows them. I had heads of your Early Summer and Wakefield Cabbage the 15th of May that weighed 18 and 20 lbs., and sold them in our home market for \$1.25 per doz.

POTATO—EMPIRE STATE.

A main crop variety, wonderfully productive, and in the estimation of Mr. Coy, its originator, a perfect potato for general purposes. The skin is white and smooth, flesh pure white, of fine flavor, and cooks very evenly. The vines are rough and vigorous in growth, the roots are strong and extend deeply into the soil, although the tubers lie compactly in the hill at the proper depth and are easily dug. Mr. Coy states that he has never seen a hollow potato of this variety. (See illustration.) By express or freight (purchaser paying charges), 60 cts. per peck; \$2.00 per bush.; \$4.00 per bbl.

POTATO—PEARL OF SAVOY.

The result of a cross between those excellent varieties, Clark's No. 1 and Extra Early Vermont. It is certainly very early, and, considering its extreme earliness, wonderfully productive, yielding, the originators say, from 500 to 750 bushels per acre. The tubers are oblong and of large size, the flesh pearly white and mealy. Its hardy and vigorous habit exempts it from disease where many other varieties succumb.

By express or freight (purchaser paying charges), 60 cts. per peck; \$2.00 per bush.; \$4.00 per bbl.

NANTUCKET PUMPKIN

Copyrighted, 1885, by Peter Henderson & Co.

NANTUCKET PUMPKIN.

This variety is exceedingly prolific, but the pumpkins grow somewhat irregular in shape, oblong or bell form, and sometimes ribbed. The color is a very dark green, and on this account it is sometimes known as the "Negro Pumpkin." It has a hard shell, and is one of the very sweetest pumpkins in existence. When cooked, the flesh resembles the Hubbard Squash very much, but the Nantucket has this advantage, that it can be grown where the Hubbard Squash will often fail.

5 cts. per packet; 15 cts. per oz.; 40 cts. per $\frac{1}{4}$ lb.; \$1.25 per lb.

BECKERT'S CHARTIER RADISH.

BECKERT'S CHARTIER RADISH.

Decidedly distinct in appearance from any Radish in cultivation. Its form is well defined by our engraving, the color at the top being crimson, running into pink about the middle, and from thence downward it is a pure waxy white. It will attain a very large size before it becomes unfit for the table. In fact, at nearly all stages of its growth the quality is excellent.

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

I have been thirty years a gardener both here and in England, and must say that Henderson's Early Snowball Cauliflower beats anything I ever saw. I have grown it for five years.

PAYSON, UTAH, March 2d, 1885.

JOHN BOLTON.

NEW TOMATO—THE MIKADO.

The Mikado Tomato,

A New Variety,

Of Immense Size, Perfect Solidity, and Unsurpassed Quality.

In spite of the fact that the public are inundated every season with many "new" Tomatoes, we have no hesitation in introducing our new variety, The Mikado, because it is of an altogether different character from the varieties introduced in late years, every one of which, with hardly an exception, appearing as if cast in the same mould. The Mikado differs from all others in its immense size—in fact, large as the accompanying illustration seems, it does not exaggerate the size of the Tomatoes, which are produced in immense clusters, and are perfectly solid. The color is purplish red, like that of the Acme, while it has all the solidity that characterizes the Trophy. It is not unusual for single fruits of this variety to weigh from one pound to one and a half pounds each. Whether for slicing or for cooking purposes the quality is most excellent. The foliage of the Mikado Tomato alone will show the distinctiveness of the variety, for it is different from that of any other that has come under our observation.

25 cts. per pkt.; 5 packets for \$1.00; \$2.00 per oz.

Tree Tomato of Jamaica.

This is the popular name of a fruit naturalized in Jamaica, West Indies. The plant is of shrubby habit, growing five or six feet high, the leaves large, often a foot long. The fragrant flowers are of a pale flesh color, with yellow stamens, followed by fruit the shape and size of an egg, which at first is of a purple tint, gradually assuming a warm reddish color as it ripens. Even in Jamaica it is not generally known, but Mr. Morris, Director of Public Gardens in that island, who calls attention to the plant, says that it should be largely cultivated, as it answers in every respect the purposes for which the ordinary tomato is esteemed. Plants are easily raised from seed which come into bearing in two years. If the fruit is allowed to ripen on the plants it may be eaten raw, when it has a gooseberry-like flavor. If the skin is removed, and the fruit (without the seeds) stewed with sugar, it resembles apricot, but with a slight subacid flavor that is very refreshing.

25 cts. per pkt.; 5 pkts. for \$1.00.

NORWICH, CT., April 10th, 1885.
I tested your First of All Peas last year with Daniel O'Rourke, Rural New Yorker, and one other variety which I cannot remember at this instant. Yours was far superior to all of them in every respect. It is not only the first of all, but in my estimation the best of all.
ROBERT REVELL.

NEWER VEGETABLE SEEDS

OF SPECIAL MERIT.

HENDERSON'S SELECTED EARLY JERSEY WAKEFIELD CABBAGE.

The first notoriety that this variety received was when our Mr. Peter Henderson extolled it in his book, "Gardening for Profit." That was nearly eighteen years ago, and since then it has deservedly taken the first place as an early market variety. To most growers the merits and characteristics of the variety are so well known as to hardly need repeating here, but for the benefit of those who may not be familiar with it, we would say that it is universally 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. The true Wakefield Cabbage is always a shy seeder, and, as a consequence, the seed is always higher in price than other kinds. We are in a position this year, however, to offer our unequalled strain at the following reasonable prices:

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

HENDERSON'S EARLY SUMMER CABBAGE.

This peerless Cabbage was named and first offered for sale by us in 1874, and every year since we have used the utmost care in the selection of heads for seed purposes, and have so improved the variety that to-day we are selling a far better strain of the Early Summer than we sent out in the year of its intro-

duction. Our stock of this variety we believe to be the best and purest in the country, and that our customers also consider it the testimonials scattered throughout this catalogue will confirm. Henderson's Early Summer is about ten days later than the Jersey 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 the Early Flat Dutch, Winningstadt, etc., producing no larger heads, can only be grown at the rate of 8,000 to the acre. Another excellent quality of the Early Summer Cabbage is that it keeps longer without hursting 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 a tendency to run to seed if sown at the dates suitable for other early sorts. It will be noticed that we this year offer seed of the Early Summer Cabbage lower than we have ever before been able to sell it at.

10 cts. per pkt.; 40 cts. per oz.; \$1.25 per $\frac{1}{4}$ lb.; \$4.50 per lb.

HENDERSON'S NEW ROSE CELERY.

We still hold the entire stock of this New Rose Celery, which we offered last year for the first time. Celery is now one of the leading table ornaments, not only in the best hotels, but on private tables as well, and this New Rose variety combined with the White Plume (sent out by us in 1884), must add greatly to the adornment of the table. As our patrons know, we have for several years been trying to induce them to grow some of the pink or red varieties of Celery, not only because they are harder and more solid, and hence better keepers in winter, but they are always, under the same conditions, more crisp and superior in flavor to the varieties that blanch yellow or white. In Henderson's New Rose Celery we have a combination of all these best qualities, and a delicacy of shading in the beautiful rose coloring of the heart and stems that give us something entirely distinct and valuable in this variety.

15 cts. per pkt.; 4 pkts. for 50 cts.; \$2.00 per oz.

Henderson's Early Snowball Cauliflower.

Those who received our 1885 Catalogue may remember that we gave a view of the vaults of the Mercantile Safe Deposit Co., of this city, wherein we had stored 250 lbs. of seed of the Henderson's Early Snowball Cauliflower. The quantity we shall store in the same vaults this season will be considerably in excess of this, as the demand for the seed is constantly increasing, due altogether to the intrinsic merit of the variety itself; for, not only is it the *earliest of all* Cauliflowers, but it is more certain to make a head than any other sort; and since we introduced the Snowball variety hundreds have grown Cauliflower successfully by using this sort, where before they had utterly failed. Sown March 1st, year after year, at the same time and under the same conditions with other kinds, we have had heads of Henderson's Early Snowball measuring nine inches in diameter ready by June 10th, about one week earlier than any other sort. Besides, of this variety every plant formed a fine head, and in addition to all this, 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. Finally, it may be stated that it does equally well for late planting.

50 cts. per pkt. ; 5 pkts. for \$2.00 ; \$6.00 per oz.

CAUTION.

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 of 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, not one was true, and some grew to a height of nearly three feet without any tendency to head whatever.

Last year, in order to protect customers and ourselves, we placed a label on the back of every package, large and small, that we sent out, whether we sold it to customers direct or furnished it to other dealers. This year we shall continue the same plan, the only difference being that, as we have now adopted a uniform trade mark to be put on all our Vegetable seed packages, we shall use on the Henderson's Early Snowball Cauliflower the same label that we use on all other Vegetable seeds sold from this catalogue. Customers, therefore, will be justified in rejecting any package of Henderson's Early Snowball Cauliflower offered them that does not bear either this label, or the label that we used on the packages sent out by us in 1885. A fac-simile of the 1885 label will be found on page 13 of catalogue for that year.

ROCHESTER, N. Y., October 5th, 1885.

I send you two heads of Henderson's Early Snowball Cauliflower as grown by me from seed you supplied me in sealed packages. They are samples of what I am cutting by the hundred. I took first premium at the fair for the three best.

F. E. RUDMAN.

The Eclipse Beet.

(See Colored Plate.)

Another year's experience with the Eclipse Beet has so thoroughly convinced us of its value that we have had a colored plate made of it, which, we think, accurately represents the shape and color of this splendid new variety. The Eclipse Beet is about as early as the Egyptian, but we consider that it is better, because it is larger and of much finer quality. It makes a small top, and produces smooth growing beets of the globe shape and dark crimson color shown in the plate. The fact is, the merit of the Egyptian variety consists solely in its earliness, and just as soon as other varieties mature, no one wants it. So that if we have a variety such as the Eclipse that is almost as early, possessing qualities that the Egyptian entirely lacks, it must to a large extent supplant it.

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

AMBER POP CORN.

EARLY AMBER POP CORN.

Our illustration, reduced from a photograph, will show the shape of the ear and grain, but the beautiful amber red color is of course wanting. It is a very early maturing variety, and makes as fine Pop Corn as any of the better known sorts, and is in every respect beautiful and distinct.

25 cts. per lb. ; 5 lbs. for \$1.00.

NEW SUGAR CORN,

"Shaker's Early."

The following description of this New Sugar Corn is sent us by the introducers:

"The stalk of this corn will in good soil attain a height of six feet, each stalk bearing from two to three large ears, well filled out to the tip of the cob. The kernels are large, of pearly whiteness, and delicious flavor. It matures for market at about the same time as the Early Minnesota, but the ears are very much larger. It is a great favorite with market gardeners; its extreme earliness, great productiveness and largeness of ear enabling them to place it on the market at a time when no other Sweet Corn but the inferior ears of the Marblehead can be obtained, and it readily sells for from five to ten cents more per dozen than the latter."

Price, 50 cts. per qt.

HENDERSON'S EMERALD PARSLEY.

Perfection in Parsley has seemingly been reached in this "Emerald" variety, offered last season for the first time. The plant is of dwarf habit, with leaves finely cut and curled, and of a deep emerald green hue. Growers for the markets of all large cities know how important it is for their sales to have a stock of Parsley that is "curly." To such, as well as to amateur cultivators, we commend this new sort.

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

\$2.00 per lb.

I planted six acres of Henderson's Early Summer Cabbage this season, and was so well pleased with them that I expect to set out twenty acres the coming season, and of course want none but the best seed, so as not to make a mistake on a large scale.

MOBILE, May 12th.
DANIEL SMITH.

Henderson's White Plume Celery.

The White Plume Celery, of which we were the sole introducers, has been successfully cultivated both in this country and in Europe for the last two years, and is now so well established as a standard sort that it is catalogued by all the leading houses in the trade. The peculiarity of the variety 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 "banking" or "earthing up" with a spade is necessary. Another great merit of the White Plume 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. We have also discovered the past season, in more extended trials, that besides the above advantages it is undoubtedly the *earliest* Celery in cultivation. So that when we add to all these valuable characteristics that its eating qualities are equal to the very best of the older sorts, being crisp, solid, and possessing a rich nutty flavor, it is but little wonder that the White Plume Celery should have secured in so short a time a permanent place in cultivation. We wish to say, however, that this variety never whitens in a young state, and usually only begins to show its self-blanching character when the growth begins in the cool weather. We make this statement for the benefit of those who might naturally suppose that the whitening or blanching process would begin as soon as the plants were above ground. As all know, the great bugbear in the cultivation of Celery has been the labor entailed in 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 sufficient hindrance to prevent him from trying. But with this new self-blanching sort he has something that he can grow just as easily as any other vegetable.

15 cts. per pkt.; 4 pkts. for 50 cts.; \$1.00 per oz.; \$3.00 per $\frac{1}{4}$ lb.

You do not give praise enough in your Catalogue to the "WHITE PLUME CELERY." in beauty of appearance, and is unsurpassed in crispness and solidity by any other variety.
November 5th, 1885.

My experience with it is that it exceeds all others

R. H. ARNING, Hampden, Maryland.

HENDERSON'S EARLIEST RED VALENTINE BEAN.

✕ Henderson's Earliest Red Valentine Beans. ✕

Named and introduced by us last year, this variety has fully sustained the claims of extra earliness that we made for it. It retains all the best features of the Early Red Valentine Beau, with the advantage of being at least ten days earlier, so that those growing for market will quickly see how valuable an introduction this must become. 40 cts. per qt.; \$2.50 per peck.

HENDERSON SUGAR CORN.

Henderson Sugar Corn.

We deemed this variety meritorious enough for a place on one of our colored plates in last year's catalogue; and, from the prominence we then gave it, it became known to thousands. Our space this year will only permit of our showing a very much reduced illustration, about one-third the natural size of the variety. In the green or fresh condition when ready for the table, the kernels of this variety are always pure white and of a remarkably sweet and rich flavor. The Henderson ripens about ten days earlier than the Stowell's Evergreen, and the experience of those who have grown it, is that it is one of the most valuable sorts for canning purposes or for market in cultivation. 30 cts. per qt.; \$2.00 per peck.

Bliss's Abundance Pea.

The distinguishing characteristic of this really distinct new Pea is its remarkable productiveness. It is a second early variety, attaining a height of from 15 to 18 inches. The foliage is large, full and dark green. Pods 3 to 3½ inches long, roundish, and well filled, containing 6 to 8 large, wrinkled peas of excellent quality. A striking feature of this variety is its remarkable tendency for branching directly from the roots, forming a veritable bush. Many plants throw out six and more branches, each of which becomes literally covered with blossoms and pods in such abundance that the quantity produced by each branch would be considered a bountiful yield for an entire plant of many of the older varieties. In proof of this we need only refer to the illustration, which is a photographic representation of a single plant of the Abundance Pea. This branching habit makes it necessary to sow the seeds much thinner than usual. Six to eight inches apart in the rows is as near as the plants should stand; if the soil is very rich 8 inches is preferable.

40 cts. per qt.; \$2.50 per peck.

Bliss's Everbearing Pea.

Like the Abundance variety, a marked characteristic of the Everbearing is its great productiveness, but in other respects it is altogether distinct. Its season is very late. The vines attain a height of from 18 inches to 2 feet; foliage large. The pods will average 3 to 4 inches in length, each pod producing 6 to 8 wrinkled peas. The peas are very large, being half an inch and over in diameter, and in quality unsurpassed. 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. For a 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, thus making it practically as perpetual a bearer as can be found in the Pea tribe. As in the case of the Abundance, this variety should be sown considerably thinner than is customary with other kinds, else the vines will become too crowded. The best results have been obtained by planting the single peas 6 inches apart in rows, covering, when planted in the early spring, 3 inches, and when planted in the summer 4 to 5 inches. 40 cts. per qt.; \$2.50 per peck.

EXTRA EARLY PEA—HENDERSON'S FIRST OF ALL.

Extra Early Pea—Henderson's First of All.

This variety of extra early Pea is unsurpassed for earliness, yield, size of pod and regularity of growth. It is fully six inches dwarfer than the Improved Daniel O'Rourke, produces pods of good size, which are well filled with round, smooth peas of splendid flavor. It is a prodigious bearer, and ripens up so thoroughly as not to require more than two pickings to clear off the crop; and in this last feature and its extreme earliness consists its great value to market gardeners or truckers. For the last four years we have made comparative trials with other early Peas, and in every instance our trial book shows that Henderson's First of All was fit to pick before any of the others. The enormous and constantly increasing demand we have for this variety shows conclusively that those who have grown it have found it to be everything that we claim for it.

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

Price by the bushel given on application.

KOLB'S GEM WATER MELON.

Kolb's Gem Water Melon.

This variety is seemingly the best, taken all in all, of the several new varieties that have been introduced since the advent of the Cuban Queen. It has been largely grown and shipped to all the large markets in the country, and commission merchants who receive them say that it is one of the very best shipping melons that they know of. The melons attain a weight of from twenty-five to fifty pounds. Its flavor is of the best, and its keeping qualities are so good that it has been had here in New York in perfectly fresh and sweet condition for two months after shipment.

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

✧ Pride of Georgia Water Melon. ✧

An introduction of last season, meritorious and distinct. It is dark green in color, almost oval in shape and ridged like an orange. It is an excellent shipping variety, and when well grown attains a large size. It also possesses in a marked degree crispness and sweetness of flavor.

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

YORK, PA., December 11th, 1884.
I have given the White Plume Celery a trial, and am glad to inform you that I have succeeded very well with it. I sold it at a higher price than any other variety in the market.
J. C. SPANGLER.

ASPARAGUS.—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.

THE PALMETTO. (See Novelties, page 8.) Pkt., 15 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.

COLOSSAL. Now the standard variety, of large size, excellent quality, and very productive. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

ASPARAGUS ROOTS.

THE PALMETTO. (See Novelties, page 8.) Fine roots, \$2.50 per 100; \$20.00 per 1,000. (50 at 100 rate; 500 at 1,000 rate.)

COLOSSAL. Fine 2-year-old roots, \$1.00 per 100; \$8.00 per 1,000.

BEANS, English or Broad.

German, *Gartenbohne*.—French, *Fève de Marais*.—Spanish, *Haba*.

This class is very hardy, and should be planted as soon as the soil is in good state in the spring. Plant four inches apart and two inches deep, in drills four feet apart. To ensure well filled pods, pinch off the tops as soon as the lower pods begin to set.

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

Early Mazagan. Very early and hardy, and bears freely. Pt., 20 cts.; qt., 40 cts.

BROAD WINDSOR. Best for general use. Pt., 20 cts.; qt., 40 cts.

Sword Long Pod. An excellent variety. Pt., 20 cts.; qt., 40 cts.

BEANS, Dwarf or Bush.

German, *Bohne*.—French, *Haricot*.—Spanish, *Frijolero*.

A succession of sowings can be made from the first week in May until September. These dates are for the latitude of New York; further south the sowing must be done earlier, further north, later. Plant in drills about two inches deep, and from eighteen inches to two feet apart, according to the richness of the soil; the poorer the soil, the closer they can be planted. The seeds should be dropped about two inches apart.

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

Market Gardeners or Truckers, wishing to order by the Bushel, will be supplied at reduced rates, to be obtained on application.

We have arranged the Dwarf Beans in this year's catalogue in two classes, the Green and the Wax varieties, and in each class have placed the varieties in about their order of earliness.

Green Sorts.

HENDERSON'S EARLIEST RED VALENTINE. (See description, page 18.) Qt., 40 cts.; peck, \$2.50.

LONG YELLOW SIX WEEKS. A very early prolific and excellent variety. Qt., 30 cts.; peck, \$2.00.

EARLY MOHAWK. Of good quality, very productive, and very early. Qt., 30 cts.; peck, \$2.00.

EARLY RED VALENTINE. Early productive, tender, and succulent, and of fine flavor; remains longer in the green state than most of the varieties. Qt., 30 cts.; peck, \$2.00.

Early Feejee. Very early and prolific. Qt., 30 cts.; peck, \$2.00.

White Valentine. A very prolific bearer, and it has additional value in the bean itself, being white, enabling it to be used as a shell bean. Qt., 30 cts.; peck, \$2.00.

Early China. An old standard variety that is very early. Qt., 30 cts.; peck, \$2.00.

French Etampes or English Canterbury. (See description, page 7.) Qt., 40 cts.; peck, \$2.50.

WONDER OF FRANCE. An early and the best of the newer dwarf French varieties; the pods are long and straight. The beans are bright green, retaining their fresh appearance when cooked. Pkt., 10 cts.; qt., 40 cts.; peck, \$2.75.

Green Flageolet. Seeds of this are greenish white in color. Desirable either as a string or shell bean. Qt., 30 cts.; peck, \$2.00.

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

CANADIAN WONDER. Very large pods, a good bearer. Qt., 30 cts.; peck, \$2.90.

RHODE ISLAND DWARF CASE KNIFE. (See Novelties, page 7.) Qt., 50 cts.; peck, \$3.50.

REFUGEE, OR THOUSAND TO ONE. A very productive, medium or late variety; young pods extremely tender and of fine flavor. Largely grown as a main crop. Qt., 30 cts.; peck, \$2.00.

GOLDEN REFUGEE. Pods perfectly round and of very light color. The seed is distinct in appearance from that of the old Refugee. 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.

GALLEGA, OR LARGE REFUGEE. For many years the well known Refugee Bush Bean has been a standard sort, whether grown for market or for private use. This variety, Gallega, is an improved form of the parent variety, being not only much more prolific, but both pods and beans are much larger in size than in the old sort. Qt., 30 cts.; peck, \$2.00.

Wax Sorts.

GOLDEN WAX. 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 tenderness and richness of flavor, and has the further merit of being one of the best Shell Beans grown for winter use. Qt., 35 cts.; peck, \$2.25.

IVORY POD WAX. A week earlier than the Black Wax, bearing long pods of a waxy white color, entirely stringless. Very tender, and an excellent shell bean. Beans ripe are of medium size, white and oval. Qt., 35 cts.; peck, \$2.25.

BLACK WAX OR BUTTER. The pods when ripe are of a waxy yellow; transparent; very tender and delicious. A standard variety. Qt., 35 cts.; peck, \$2.25.

FLAGEOLET WAX. Pods of large size, tender and succulent. Equally good as a shell bean. Qt., 35 cts.; peck, \$2.25.

White Seeded Wax. A variety with wax-like pods similar to the Black Wax, except in the color of the seed. Qt., 35 cts.; peck, \$2.25.

CRYSTAL WHITE WAX. A distinct variety, producing pods of fair size, of 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. An excellent variety for canning purposes.

DWARF MONT D'OR. One of the earliest of the Wax varieties. The vines grow vigorously and are profusely laden with yellow covered pods. Pkt., 10 cts.; qt., 50 cts.; peck, \$3.50.

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 the variety, from three to four feet apart; from five to six seeds are planted in each hill, about two inches deep. As the matured bean is used mostly, the season is too short for succession crops in the north, though it is advantageous to plant succession crops in the Southern States, where the season of growth is often from March to November. Rough cedar or similar poles about seven or eight feet long should be used for Lima Beans to climb on. They should be set in the ground at least 18 inches, so as to prevent being blown over.

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

Market Gardeners or Truckers wishing to order by the bushel, will be supplied at reduced rates, to be obtained on application.

JERSEY EXTRA EARLY LIMA. (See special description, page 7.) Qt., 75 cts.; peck, \$5.00.

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.

We send you to-day a sample head of Henderson's Early Summer Cabbage, the finest we have ever seen. Our crop this season, all grown from your seed, was very superior and obtained the highest price of any in this market. (The sample head referred to weighed 15 lbs.)

ROCHESTER, N. Y., August 6th.
ESTATE OF H. E. HOOKER.

Copyrighted, 1885, by Peter Henderson & Co.

BEST TYPES OF BEET AND MANGEL WURZEL.

1. Egyptian Turnip Beet.	2. Early Blood Turnip Beet.	3. Dewing's Improved Blood Turnip Beet.
4. Early Flat Bassano Beet.	5. Eclipse Beet.	6. Long Smooth Blood Red Beet.
7. Lane's Imperial Sugar Beet.	8. Henderson's Yellow Globe Mangel Wurzel.	9. Henderson's Colossal Long Red Mangel Wurzel.
9. Golden Tankard Mangel Wurzel.		

From a peck of Henderson's First of All Peas, which grew only two and a half feet high, I raised a crop of twenty-eight bushels. They are ten days earlier than the American Wonder.

SCHOFIELD, WIS., January 6th, 1885.

JEAN WILHELM.

BEANS.—Continued.

- SOUTHERN PROLIFIC.** A very desirable sort, much better known, and therefore more fully appreciated, in the South than in other parts of the country. The pods are borne in clusters; and as it is fit for the table in 70 days, its rapid growth produces pods brittle and tender. 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., 40 cts.; peck, \$3.00.
- GIANT WAX.** Pods long, clear, waxy yellow; thick and fleshy; very productive; when cooked, tender and delicious. Per pkt., 15 cts.; qt., 60 cts.; peck, \$4.50.
- German Wax Pole.** One of the best varieties either for snaps or shelled in the green state. Qt., 40 cts.; peck, \$3.00.

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 with 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 are 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 $\frac{1}{4}$ 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.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.
- ECLIPSE.** (See colored plate and special description, page 16.) Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.
- BASTIANS' BLOOD TURNIP.** After the Egyptian and Eclipse, probably the earliest variety of Beet. Is of blood red color when boiled. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.
- DEWING'S IMPROVED BLOOD TURNIP.** Roots deep blood-red, of fine form and flavor. Very early. An excellent market variety. (See cut.) Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.
- EARLY BLOOD TURNIP.** The standard early sort; an excellent variety. (See cut.) Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.
- Early Flat Bassano.** Chiefly valuable for its earliness. (See cut.) Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.
- Long Smooth Blood-Red.** An excellent late variety; a great improvement on the common Long Blood. (See cut.) Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.
- Early Yellow Turnip.** Similar to the Blood Turnip, but differing in color; flesh yellow, tender and sweet. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.
- PINEAPPLE.** A highly esteemed English variety, of rich, deep crimson color. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ 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.; $\frac{1}{4}$ 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. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

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

For the five best formed and heaviest roots of Mangel Wurzel of the following kinds:

- BEST HENDERSON'S COLOSSAL LONG RED.....\$10.00
BEST GOLDEN TANKARD..... 10.00
(For conditions, see page 20.)

NORBITON GIANT LONG RED MANGEL WURZEL. One of the finest stocks of Long Red Mangel in cultivation. Oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 70 cts.

HENDERSON'S COLOSSAL LONG RED. The roots are smooth and regular, 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. (See cut.) Oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 70 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.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 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.; $\frac{1}{4}$ lb., 20 cts.; lb., 70 cts.

LONG YELLOW MANGEL WURZEL. Differs from the Long Red only in color. Oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

KINVER YELLOW GLOBE. 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," in "Garden and Farm Topics." Oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 70 cts.

HENDERSON'S CHAMPION YELLOW GLOBE. (See cut.) Smooth, globe-shaped roots, of large size and excellent quality, are the distinctive features of this variety. Oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 70 cts.

GOLDEN TANKARD. (See cut.) A very valuable variety, of fine form and very sweet flavor, and bright yellow in color. When cut it shows interior rings similar to most varieties of garden beet. Oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 70 cts.

YELLOW GLOBE. Roots of large size and globular form; very productive; keeps better than the Long Red, and is better adapted for growing in shallow soils. Oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

WHITE SUGAR BEET. Attains a large size and is extensively grown for feeding; largely cultivated in France for the manufacture of sugar. Oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 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. (See cut.) An improved variety of the French Sugar Beet, obtained by careful selection in this country, and recommended as being hardier, more productive and containing a greater percentage of sugar than the ordinary variety. Oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

BROCCOLI.

German, *Brocoli*, *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 upward, postage must be added at the rate of 16 cts. 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 from the preceding 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, *Ko. f Kohl 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 upward, postage must be added at the rate of 16 cts. per lb.

TALL FRENCH. Very fine. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.50.

DWARF IMPROVED. A variety producing compact sprouts of excellent quality. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$3.30.

Cabbage, Early Ulm Savoy.
(See page 25.)

Cabbage, Blood Red Erfurt.
(See page 25.)

Cabbage, Early French Oxheart.
(See page 25.)

Cabbage, Large Drumhead.
(See page 25.)

Cabbage, Netted Savoy
(See page 25.)

Cabbage, Early Winningstadt.
(See page 25.)

Cabbage, Large Early York.
(See page 25.)

Cabbage, Henderson's Selected Late Flat Dutch.
(See page 25.)

Cabbage, Premier.
(See page 25.)

The White Pume Celery I raised last year was quite up to all you claimed for it, and keeps quite as well as the Red. I have some left yet.

GREENVILLE, MASS., April 6th, 1885.

W. A. STIMPSON.

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. This earliest crop matures in June. For second early the early kinds should be sown first week in April and planted out in May. This crop should mature in July and August. 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. This crop matures September, October or November. If to be grown for market purposes, for complete details see our new book, "Gardeu 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.

For the best specimens sent to us in 1886 we will pay cash prizes as follows:

- FOR THE BEST HEAD OF HENDERSON'S SELECTED EARLY JERSEY WAKEFIELD CABBAGE.....\$10.00
FOR BEST HEAD HENDERSON'S SELECTED EARLY SUMMER CABBAGE.....\$10.00
BEST HEAD SELECTED LATE FLAT DUTCH CABBAGE....\$10.00
(For conditions see page 20.)

HENDERSON'S SELECTED EARLY JERSEY WAKEFIELD. (See special description, page 14.) An extra fine stock. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.

HENDERSON'S EARLY SUMMER. (See special description, page 14.) Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50.

HENDERSON'S PREMIER. (See *cut.*) An exceedingly early and valuable variety for market gardeners. The heads are somewhat smaller than the Jersey Wakefield; but as it forms very small outer leaves it can be planted one-third closer, 15 or 16 inches apart, each way. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

EARLY WINNINGSTADT. An excellent sort; heads of large size; one of the best for general use. (See *cut.*) Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

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., 60 cts.; lb., \$2.00.

Large Early York. Larger and later than the preceding. (See *cut.*) Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

EARLY FRENCH OXHEART. A favorite market variety. (See *cut.*) Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

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.

FILDERKRAUT. This somewhat resembles the well known Winingstadt, but is larger in every way, more pointed, and heads up with fewer outside leaves. Largely grown for making kraut. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

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

HENDERSON'S SELECTED LATE FLAT DUTCH. This variety was on our colored plate last year, and as there portrayed it conveys an excellent idea of the type of the matured heads. To this we have only to add that the seed offered has been grown from heads uniform in size, large and solid. Those who now buy it for the first time will find it to be one of the most satisfactory strains of late cabbage they have ever grown. (See *cut.*) Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

LARGE LATE DRUMHEAD. Grows to a large size, with round compact heads. (See *cut.*) 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 is 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., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

MAMMOTH ROCK RED. A new large growing selected strain of late red cabbage, the heads of which will average 12 lbs. each. Pkt., 25 cts.; oz., \$1.00; $\frac{1}{4}$ lb., \$3.00.

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

EARLY BLOOD RED REFURT. Earlier than the preceding; valuable for pickling. (See *cut.*) Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$3.00.

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. (See *cut.*) Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$3.00.

AMERICAN DRUMHEAD SAVOY. 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. (See *cut.*) Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

Cabbage Plants,

Of Henderson's Selected Early Jersey Wakefield, and Henderson's Early Summer, from cold frames, \$1.50 per 100. Spring sown and transplanted, \$1.00 per 100.

Large quantities at special low rates.

CARDOON.

German, *Kardon*.—French, *Cardon*.—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.

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 $\frac{1}{4}$ 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.; $\frac{1}{4}$ 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.; $\frac{1}{4}$ 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.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.25.

Boston Market.

CELERY.

(See pages 27 and 29.)

Henderson's
Golden Dwarf. Turnip Rooted
(Celeriac.)

Major Clarke's Pink.

Henderson's White Plume.

Henderson's Half Dwarf.

CARROT.—Continued.

Early Half Long Scarlet (Pointed Rooted). Very similar to the preceding in all respects, except that it is pointed instead of stump rooted. (See cut.) Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.25.

EARLY HALF LONG SCARLET CARENTAN. An 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.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

LONG ORANGE IMPROVED. The standard variety. Roots of large size, equally adapted for garden or farm culture. (See cut.) Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.25.

DANVERS. A valuable sort; in form midway 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., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.25.

Altringham. Large and fine flavored red Carrot; an excellent sort. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$.90.

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.; $\frac{1}{4}$ lb., 30 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.; $\frac{1}{4}$ 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 just 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. It properly hardened off they are seldom injured by planting out too early. For second early and late crop sow at same date as given in the directions for Cabbage Crop. 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 $\frac{1}{4}$ lb. and upward, postage must be added at the rate of 16 cts. per lb.

HENDERSON'S EARLY SNOWBALL. The earliest and surest heading variety in cultivation. (See description, page 15.) Pkt., 50 cts.; 5 pkts. for \$2.00; oz., \$6.00.

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; $\frac{1}{4}$ lb., \$9.00.

EXTRA EARLY PARIS. A well known excellent variety. Pkt., 20 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.50; lb., \$8.00.

HALF EARLY PARIS, OR NONPAREIL. One of the best. Pkt., 20 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.50; lb., \$8.00.

Early London. An excellent and very early variety. Pkt., 15 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.50; lb., \$8.00.

LENORMAND'S SHORT STEMMED. A large late variety, with well formed heads of superior quality. Pkt., 15 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.50; lb., \$8.00.

Walcheren. An old and favorite variety. Pkt., 15 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.50.

LARGE LATE ALGIERS. (Tested seed only.) An excellent late sort now getting into general favor. Pkt., 20 cts.; oz., \$1.00; $\frac{1}{4}$ lb., \$3.50; lb., \$12.00.

Veitch's Autumn Giant. A valuable late variety, particularly in the Southern States. Pkt., 25 cts.; oz., \$1.00; $\frac{1}{4}$ lb., \$3.00; lb., \$10.00.

Cauliflower Plants,

Of Henderson's Early Snowball, from cold frames, \$3.00 per 100; spring sown and transplanted, \$1.50 per 100. Large lots at special low rates.

CELERY.

German, *Seleri*.—French, *Celeri*.—Spanish, *Apis*.

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 practiced 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 climates—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 ensure "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 cool 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 "handling," 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 book, "Garden and Farm Topics."

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

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

For the best ten roots of HENDERSON'S WHITE PLUME CELERY sent to us in 1886 we will pay \$15.00. For the best ten roots of Henderson's New Rose Celery, \$10.00. (For conditions, see page 20.)

HENDERSON'S WHITE PLUME. This, the finest acquisition made to our list of vegetables in the last twenty years, is described at page 17. Pkt., 15 cts.; 4 packets for 50 cts.; oz., \$1.00; $\frac{1}{4}$ lb., \$3.00.

HENDERSON'S NEW ROSE. (See special description, page 14.) Pkt., 15 cts.; 4 packets for 50 cts.; oz., \$2.00.

HENDERSON'S GOLDEN DWARF. 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. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$3.00.

HENDERSON'S HALF DWARF. 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. (See cut.) Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$3.00.

WHITE WALNUT. Of dwarf habit, seldom attaining a height of more than 20 inches. It is solid and heavy, and has a rich walnut-like flavor. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$3.00.

HENDERSON'S DWARF WHITE. A favorite market variety; of close habit, solid, crisp and tender. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$3.00.

NANTUCKET, MASS., February 7th, 1884.

Henderson's Early Summer Cabbage is ahead of all other kinds with me. I shall plant no other for early this spring.

C. R. CHAPEL.

Brussels Sprouts. (See page 23.)

Cauliflower, Lenormand's. (See page 27.)

Cardoon. (See page 25.)

Long Orange Improved Carrot.

Danvers Carrot.

Half Long Carentan Carrot.

Half Long Scarlet Pointed Carrot.

Half Long Red Stump Carrot.

Early Scarlet Horn Carrot.

Early French Forcing Carrot.

Carrots and Corn.

(See pages 25, 27 and 29.)

Early Minnesota.

Amber Cream.

Marblehead.

Black Sugar.

Stowell's.

Mammoth Sugar.

CELERY.—Continued.

Sandringham Dwarf White. An excellent variety, remarkable for its fine flavor and solidity. Pkt. 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$3.00.

Giant White Solid. Of large size, solid and crisp. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$3.00.

BOSTON MARKET. A dwarf growing, white variety of excellent quality. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$3.00.

PERFECTION HEARTWELL. A strong growing variety, not so suitable for market purposes as the Half Dwarf or Golden Dwarf, though it answers for light or poor soils. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

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

MAJOR CLARKE'S PINK. 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.) Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.

Hood's Dwarf Red. An excellent dwarf variety, solid and crisp. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ 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, *Céleri-rave*.—German, *Knob-Seleri*.

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 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.; $\frac{1}{4}$ 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.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

CHICORY.

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 Rooted. Used to mix with, or as a substitute for Coffee. Cultivation the same as the Carrot. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

CHERVIL.

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

If by mail in quantities of $\frac{1}{4}$ 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., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

— **Tuberous Rooted.** Sow in March or April; after treatment same as Carrot. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

COLLARDS, True Georgia.

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

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

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

CORN, Sugar.

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

All varieties of Sweet or Sugar Corn may be either sown in rows four and a half feet apart, and the seeds placed about eight inches apart in the rows, or planted in hills at distances of three or four feet each way, according to the variety grown or 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.

Market Gardeners or Truckers Supplied by the Bushel at Reduced Rates.

HENDERSON SUGAR. (See special description, page 18.)

Qt., 30 cts.; peck, \$2.00.

SHAKER'S EARLY. (See description, page 16.) Qt., 50c.

OLD COLONY. An exceedingly sweet and wonderfully productive variety, averaging three ears on every stalk. The ears are of large size and always well filled. It ripens about the same time as Moore's Concord, perhaps a little later. Its distinctive value lies, however, in its sugary and tender flavor. Qt., 25 cts.; peck, \$1.50.

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. Qt., 25 cts.; peck, \$1.50.

EARLY MARBLEHEAD. 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 Narraganset. The stalk is dwarf and it sets its ears very low down, which are of fair market size, and of very sweet, rich flavor. (See cut.) Qt., 25 cts.; peck, \$1.50.

EARLY NARRAGANSET. One of the earliest of the sweet varieties; ears small, tender and of excellent quality. Qt., 25 cts.; peck, \$1.25.

EARLY MINNESOTA. (See cut.) Very early; a decidedly excellent variety; ears fair sized and uniform; plant rather dwarf. Qt., 25 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., 25 cts.; peck, \$1.25.

LARGE EARLY EIGHT-ROWED. One of the best of the sweet varieties; ears long, with white cob. Qt., 25 cts.; peck, \$1.25.

HICKOX IMPROVED. A very valuable variety for market; the ears are twelve-rowed, straight and handsome. Quality of the very best. Qt., 25 cts.; peck, \$1.50.

SQUANTUM SUGAR. 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 clambakes. 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 four or five ears on a stalk. Qt., 25 cts.; peck, \$1.50.

Early Adams, or Burlington. Strictly speaking this is an early field variety, although largely sold for table use; we therefore class it among Sugar Corn. It is grown extensively in this section for the New York markets. Qt., 25 cts.; peck, \$1.25.

AMBER CREAM. A vigorous grower, stalks seven feet in height; ears ten to fourteen 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 shriveled. (See cut.) Qt., 25 cts.; peck, \$1.50.

Moore's Early Concord. Ears large and well filled; early, and unsurpassed for richness and delicacy of flavor. Qt., 25 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., 25 cts.; peck, \$1.75.

STOWELL'S EVERGREEN. (See cut.) A late variety, of excellent quality, remaining longer in the green state than any other kind. Qt., 25 cts.; peck, \$1.25.

OSWEGO, N. Y., Nov. 26th, 1885.

I planted twenty thousand Henderson's White Plume Celery, and am quite in love with it.

Yours truly,

BYRON STEWART.

CORN, SUGAR.—Continued.

TRIUMPH. Said to be the earliest of the large varieties. Flavor rich and sweet; largely grown as a market sort. Qt., 25 cts.; peck, \$1.25.

MAMMOTH SUGAR. (See cut.) A late variety, and one of the largest; productive and fine flavored. Qt., 25 cts.; peck, \$1.50.

Black Mexican Sugar. (See cut.) A black grained variety, one of the sweetest of all kinds. Qt., 25 cts.; peck, \$1.50.

CORN, Field.

See list of varieties in Department of Farm Seeds.

SWEET FODDER CORN.

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

WHITE POP. CORN.

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

CORN SALAD, OR FETTICUS.

German, *Lammersalat*.—French, *Mâche*.—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 $\frac{1}{4}$ lb. and upward, postage must be added at the rate of 16 cts. per lb.

Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ 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 $\frac{1}{4}$ 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.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Australian Cress. Fine, piquant flavor. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ 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 $\frac{1}{4}$ lb. and upward, postage must be added at the rate of 16 cts. per lb.

Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50.

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 $\frac{1}{4}$ 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., 50 cts.

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

NICHOLS' MEDIUM GREEN. (See colored plate and special description in *Novelties*, page 8.) Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

IMPROVED EARLY WHITE SPINE. A favorite market variety, of medium size, deep green, flesh crisp and of fine flavor. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ 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.; $\frac{1}{4}$ 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.; $\frac{1}{4}$ 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.; $\frac{1}{4}$ 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.; $\frac{1}{4}$ 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., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

Early Russian. The earliest variety; fruit produced in pairs; small, hardy and productive. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

LONG GREEN. A fine long fruit, of excellent quality, dark green, firm and crisp. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

LONG GREEN TURKEY. A most desirable variety. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

SHORT GREEN, OR GHERKIN. Similar to Early Frame; good for pickling. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

Tailby's Hybrid. An excellent variety for family use. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

West India Gherkin, or Burr. Used only for pickles. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ 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 centre 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 wind effect impregnation. The following selection includes some of the leading English varieties:

Berkshire Champion.

Blue Gown.

Carter's Champion.

Improved Sion House.

Dale's Conqueror.

Lord Kenyon's Favorite.

Telegraph.

Marquis of Lorne.

Duke of Edinburgh.

Cuthill's Black Spine.

Invincible.

Master's Prolific.

Long Gun.

Prince Albert.

Munroe's Rabley.

Walker's Rambler.

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

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

Garlic Sets. Per lb., 50 cts.

SOUTH BROOKLYN, L. I., October 6th, 1885.

I have this year grown half my crop of Celery from the White Plume seed, and it exceeds my most sanguine expectations. It is "a thing of beauty." No more trenching or hanking for me.

JEROME F. FALVEY.

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

NEW YORK IMPROVED. The leading market variety; excellent and very productive. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.75; lb., \$6.00.

Early Long Purple. Differing in shape from the foregoing; early, hardy and productive. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ 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., 50 cts.; $\frac{1}{4}$ lb., \$1.75; lb., \$6.00.

ENDIVE.

German, *Endivien*.—French, *Chicoree*.—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. It can also be grown by sowing the seed and thinning out to one foot apart each way, as recommended for lettuce.

If by mail in quantities of $\frac{1}{4}$ lb. and upward, 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., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

FRENCH MOSS CURLED. A beautiful curled variety of fine quality. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

White Curled. Leaves pale green; should be used when young. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

BROAD LEAVED BATAVIAN. (*Escarotte*.) Chiefly used in soups and stews; requires to be tied up for blanching. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$3.00.

KALE, or BORECOLE.

German, *Blätter-Kohl*.—French, *Chou Vert*.—German, *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 $\frac{1}{4}$ 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 September in rows one foot apart, and treated in every way as Spinach. It is ready for use in early spring. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

NEW DWARF VERY EARLY. A new sort; of special excellence, being a very dwarf fine curled variety of a yellowish green color, growing very close to the ground. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

GREEN CURLED SCOTCH. A dwarf variety, spreading under good cultivation to three feet in diameter; leaves of a bright green, beautifully curled. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$5.00.

BROWN GERMAN CURLED. A very hardy and useful variety. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

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.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

KOHL RABI.

German, *Kohlrabi*.—French, *Chou-rabe*.—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 $\frac{1}{4}$ lb. and upward, postage must be added at the rate of 16 cts. per lb.

EARLY WHITE VIENNA. Flesh white and tender; the best market sort; excellent for table use. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

Early Purple Vienna. Differs from the above in color, being of a bluish purple. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ 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 $\frac{1}{4}$ lb. and upward, postage must be added at the rate of 16 cts. per lb.

LARGE AMERICAN FLAG. A favorite market variety. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

MUSSELBURGH. Grows to a large size. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

Large Rouen. A large and excellent variety. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

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 part 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 fine plants by April. But for ordinary private use in the summer months, the simplest way is to sow it thinly in rows one foot apart, and thin out the plants so that they will stand one foot apart. This is easier than transplanting the plants, and if sown every two or three weeks from middle of April to middle of August, Lettuce may be had in perfection the whole season.

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

HENDERSON'S NEW YORK. (See colored plate and special description, page 8.) Pkt., 20 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.50.

EARLY CURLED SIMPSON. (True.) 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.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

BLACK SEEDED SIMPSON. We consider the 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 the 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. (See cut.) Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Last Sunday, April 27th, I visited my neighbor, Mr. John Schley, and in all my life I never saw anything that could nearly equal his Cabbages. He informed me he obtained the seed from you. His Henderson's Early Summer Cabbage (seven acres) were then all headed and ready for shipment to New York, and his Henderson's Selected Early Jersey Wakefield Cabbage were equally good, all making fine solid heads. I am a trucker here, and my cabbage are poor. I obtained the seed from ———. I am disheartened when I look at Mr. Schley's crop and then at mine.

SAVANNAH, GA.

C. H. SHEFTALL.

Lettuce, Large White Summer Cabbage.

Lettuce, Salamander.

Lettuce, Early Curled Simpson.

Lettuce, Paris White Cos.

Lettuce, Black Seeded Butter.

Lettuce, Large India

Lettuce, Green Fringed.

Mushrooms.

Lettuce, Drumhead.

Lettuce, Oak Leaved.

Lettuce, Black Seeded Simpson.

See pages 31 and 33.

Henderson's Special Grass Mixture is far ahead of Timothy and Clover, either for hay or for permanent pasture. Try it.

THE
ECLIPSE BEET

DRAWN & COLORED
AND FROM SPECIMENS
GROWN BY

Peter Henderson & Co.

35 & 37 CORTLANDT ST.
NEW YORK.

SEE DESCRIPTION PAGE 16
OF
CATALOGUE
FOR 1886.

LETTUCE.—Continued.

NEW OAK-LEAVED. A distinct new variety of Lettuce, offered last season for the first time. The illustration will show the peculiar outline of the leaves, which are shaped like those of the oak. The heads are compact, crisp and tender, and it is largely free from that bitter taste peculiar to so many kinds of Lettuce. (See cut.) Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

GREEN FRINGED. This ornamental sort is of a very delicate and peculiar shade of green, the inner parts of the leaves white, with edges beautifully cut and fringed. (See cut.) Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

SALAMANDER. One of the best 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 several unexampled dry seasons. It is very slow to run to seed, and to market gardeners is invaluable on account of its heat-resisting qualities. (See cut.) Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

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

Early Prize Head. Forms a mammoth plant, in which even the outer leaves are crisp and tender, and remain so throughout the season. It is slow to run up to seed, of superb flavor and very hardy. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Tennis Ball, Black Seeded. Forms a close, hard head, with a few outer leaves; a favorite forcing variety. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

BLACK SEEDED BUTTER. Similar to Tennis Ball, but larger. Used extensively as an outdoor variety. (See cut.) Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

BOSTON MARKET. Best for early forcing; grows very compact, and is beautifully white and crisp. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Large India. Withstands summer heat better than most kinds; forms an immense solid head. (See cut.) Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ 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. (See cut.) Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Drumhead, or Malta. Heads very large, crisp, tender, and of good flavor; one of the best summer varieties. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ 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.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

HANSON. Heads green, with white heart. Large size, crisp and tender. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ 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.; $\frac{1}{4}$ 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.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Brown Dutch. Very hardy. One of the best for winter use. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ 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 ensure blanching. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Lettuce Plants,

Of Early Curled Simpson, Boston Market, and Black Seeded Butter varieties, from cold frames, \$1.00 per 100.

Large lots at special low rates.

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

Martynia Proboscidea. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ 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 three 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, for latitude of New York, for South earlier, for further North later, 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 $\frac{1}{4}$ lb. and upward, postage must be added at the rate of 16 cts. per lb.

BALTIMORE. (See description, page 10.) Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

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

California Nectar. (See cut.) One of the most deliciously 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. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$3.00.

Improved Christiana. A very early variety of peculiar flavor relished 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.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

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.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

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.

SKILLMAN'S 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. 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 the most delicious flavor, and wonderfully productive. It somewhat resembles the Green Citron, on which, however, it is a decided improvement. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

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

BAY VIEW. (See cut.) A large, prolific and fine flavored green-fleshed Melon of recent introduction. 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. 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 1 $\frac{1}{4}$ to 1 $\frac{1}{2}$ lbs. each; flesh light green and of very fine flavor, exceedingly productive, and will keep well for nearly a week after picking. (See cut.) Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

CASABA. A large variety of delicious flavor. (See cut.) Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

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

JENNY LIND. An early variety, of small size, but excellent flavor. (See cut.) 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.

Musk Melon, Bay View.

Musk Melon, Casaba.

Musk Melon, Jenny Lind.

Musk Melon,
California Nectar.

Musk Melon, Montreal Market.

Musk Melon,
Netted Gem. Water Melon,
Dark Icing.

Water Melon, Cuban Queen.

Water Melon, Scaly Bark.

Water Melon, Colorado Preserving.

Water Melon, Mountain Sweet.

(See pages 33 and 35.)

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, although in warm, sandy soils in this latitude fine crops are often obtained. 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.

For the best formed and heaviest Water Melon of the following sorts, sent us in 1886, we will pay for:

THE VOLGA.....\$10.00
KOLB'S GEM.....10.00

For conditions, see page 20.

THE VOLGA. (See description, page 9.) Pkt., 25 cts.; 5 pkts. for \$1.00.

MAMMOTH IRONCLAD. (See description, page 10.) Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

PRIDE OF GEORGIA. (See description, page 19.) Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

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., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

MOUNTAIN SWEET. Fruit oblong, dark green, rind thin, flesh red, solid, and very sweet. (See cut.) Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

PHINNEY'S EARLY. Flesh deep red, of very superior quality; early and productive; a valuable market variety. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

SCALY BARK WATER MELON. Although this variety was introduced only three years ago, it has quickly become a standard sort. The rind is very thin, yet so tough and strong that the melons will bear any amount of handling without bursting or cracking open. This characteristic shows the peculiar fitness of the variety for shipping purposes. The flesh is light crimson in color, very tender, and of excellent flavor. The average weight of the Scaly Bark Water Melon is thirty-five pounds. (See cut.) Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

KOLB'S GEM. (See description, page 19.) Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Black Spanish. Fruit of large size, almost round; skin dark green, flesh red, sweet and delicious. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

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., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

TRUE GEORGIA RATTLESNAKE, or GYPSY. Fruit large, oblong, striped; flesh red, of fine quality. An excellent variety for market. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

THE "BOSS." Oblong in shape, and of nearly the same diameter throughout. Skin very dark green. Flesh deep scarlet, and of unusually rich flavor. Early, heavy, productive, and a good shipper. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

DARK ICING, or ICE RIND. 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. One of the best sorts for shipping purposes. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

CUBAN QUEEN. 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 upward. (See cut.) Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

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.

Colorado Preserving. (See cut.) The preserving qualities of this distinct variety are of the very best, making almost transparent preserves of fine flavor. The Melons of the shape shown in our cut weigh from 15 to 40 lbs. each. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

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., 40 cts.; lb., \$1.25.

MUSHROOM SPAWN.

We this year issue a pamphlet of instructions for Mushroom culture, which will be sent free with all orders for spawn. To

all others on receipt of 10 cents. The spawn we offer is specially made for us three or four times each season, and is always fresh and in proper condition for planting.

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

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

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 green-house 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.

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

Dwarf Nasturtium. Pkt., 10 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.

NEW DWARF PROLIFIC. A very early variety, with long, green, slender pods. Very dwarf and productive. (See cut.) Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

DWARF WHITE. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

IMPROVED DWARF GREEN. Early and productive. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Long Green. Long ribbed pods. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

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 or plowed 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, or with the foot along each row. 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 cts. per lb.

When large quantities of Onion Seed are wanted, always 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., 50 cts.; lb., \$1.50.

YELLOW GLOBE DANVERS. An excellent variety, mild flavored and very productive; ripens early, and a good keeper. (See cut.) Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

Onion, White Portugal.

Onion, Southport White Globe.

Onion, Ex'tra Early Red.

Onion, Giant Rocca.

Southport
Yellow
Globe.

Onion, Wethersfield.

Onion, Marzajola.

Onion, White Tripoli.

Onion, Yellow Danvers.

Onion, Southport Red Globe.

Onion, Yellow Dutch.

(See pages 35 and 37.)

ONION.—Continued.

Yellow Dutch, or Strasburg. (See *cut.*) One of the oldest varieties, the "Silver Skin" of the Eastern States, a good keeper, and well flavored. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

WHITE PORTUGAL, or SILVER SKIN. A handsome Onion, of mild flavor, but not a good keeper; extensively grown for pickling. (See *cut.*) Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$3.00.

SOUTHPORT WHITE GLOBE. A handsome globular Onion, of mild flavor, and a good keeper. One of the very best. (See *cut.*) Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$3.00.

LARGE RED GLOBE. Differs from the preceding only in color. (See *cut.*) Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

SOUTHPORT YELLOW GLOBE. Same shape as preceding; color yellow. An excellent keeper. Our stock of this is perhaps the finest in the country. (See *cut.*) Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; 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. (See *cut.*) 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. (See *cut.*) Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

QUEEN. The earliest of all Onions, remarkable for the rapidity of its growth, and very mild flavor. 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. (See *cut.*) 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., 30 cts.; peck, \$2.00.

Yellow Onion Sets. Qt., 30 cts.; peck, \$2.00.

Potato Onions. Qt., 25 cts.; peck, \$1.75.

Top, or Button Onions. Qt., 25 cts.; peck, \$1.75.

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. Best for general use. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

The Student. A fine flavored variety. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

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 sometimes before it makes its appearance, it should be sown early in spring, previously soaking the seed 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, or a few plants may be placed in pots or boxes and kept in the house for convenient use during the winter.

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

HENDERSON'S EMERALD. (See special description, page 16.) Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

DOUBLE CURLED. A fine dwarf variety, beautifully curled; excellent for garnishing. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

CHAMPION MOSS CURLED. A very select stock, beautifully crimped and curled. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

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 hardier than the curled variety; good for flavoring. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 80 cts.

Hamburg or Turnip-Rooted. A fleshy rooted kind; the roots used for flavoring soups. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

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 extra early sort for fall use.

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

Market Gardeners or Truckers will be supplied by the bushel at reduced rates.

Extra Early.

HENDERSON'S FIRST OF ALL. (See description, page 19.) Qt., 30 cts.; peck, \$2.00.

AMERICAN WONDER. This is so well and favorably known now as to scarcely need a description. To those who are not familiar with the variety we would say, that the American Wonder is a seedling, the result of a cross between the Champion of England and the 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. (See *cut.*) Qt., 40 cts.; peck, \$2.50.

CARTER'S FIRST CROP. One of the earliest varieties; 2 $\frac{1}{2}$ feet. Qt., 30 cts.; peck, \$1.75.

IMPROVED DANIEL O'ROURKE. A favorite extra early variety. Qt., 30 cts.; peck, \$1.75.

Philadelphia Extra Early. A very desirable early variety, largely grown South. Qt., 30 cts.; peck, \$1.75.

Caractacus. An early productive Pea, of good flavor; one of the best early round kinds. Qt., 30 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. 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. Qt., 40 cts.; peck, \$2.75.

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., 30 cts.; peck, \$2.00.

EXTRA EARLY PREMIUM GEM. A very fine dwarf Pea of the Little Gem type, on which it is a great improvement. Qt., 30 cts.; peck, \$2.00.

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. One of the best for canning. A very good market variety; 2 $\frac{1}{2}$ feet. Qt., 30 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., 30 cts.; peck, \$2.00.

Tom Thumb. Remarkably dwarf and early, of excellent quality, and yields abundantly; 1 foot. Qt., 30 cts.; peck, \$2.00.

Okra, New Dwarf Prolific.

Pepper, Golden Dawn.

Parsley, Moss Curled.

Pea, American Wonder.

Pea, Stratagem

BLISS'S
"EVERDEARING PEAS"
Copyright 1904

A
SINGLE PLANT
DRAWN FROM LIFE

(See pages 35, 37 and 39.)

Pea, Pride of the Market.

Second Early Varieties.

- FILLBASKET.** This variety is one of the best second early Peas in cultivation; dwarf growing; blue, of excellent flavor. Qt., 30 cts.; peck, \$2.00.
- McLEAN'S ADVANCER.** An early green wrinkled variety of delicious flavor; 2 feet. Qt., 30 cts.; peck, \$2.00.
- Laxton's Prolific Long Pod.** A very productive variety, with long pods, containing from 10 to 12 peas each; 4 feet. Pt., 15 cts.; qt., 25 cts.; peck, \$1.75.
- EUGENIE.** White wrinkled, an excellent cropper; 3 feet. Qt., 30 cts.; peck, \$1.75.

For General Crop.

- BLISS'S ABUNDANCE.** (See description, page 18.) Qt., 40 cts.; peck, \$2.50.
- BLISS'S EVER-BEARING.** (See description, page 18.) Qt., 40 cts.; peck, \$2.50.
- CHAMPION OF ENGLAND.** One of the best and most popular Peas in cultivation; 5 feet. Qt., 30 cts.; peck, \$1.75.
- TELEPHONE.** One of the newer Peas of English origin. It is what is known as a tall, wrinkled marrow, is enormously productive, and of the very best quality. The vine is a strong grower, averaging 18 pods to the stalk. The pods are of the largest size and contain from 6 to 7 large peas. A most desirable and valuable sort for the family garden. Qt., 50 cts.; peck, \$3.50.
- Blue Imperial.** A good bearer, and of fine flavor; 3 feet. Qt., 30 cts.; peck, \$1.75.
- HAIR'S DWARF MAMMOTH.** One of the richest flavored and best late varieties; 2½ feet. Qt., 30 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. Qt., 30 cts.; peck, \$1.75.
- VEITCH'S PERFECTION.** A large and delicious marrow Pea, and an abundant cropper; 4 feet. Qt., 30 cts.; peck, \$1.75.
- YORKSHIRE HERO.** A splendid wrinkled marrow, of branching habit, and an abundant bearer; 2½ feet. Qt., 30 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. Qt., 40 cts.
- STRATAGEM.** By many this variety is considered the best of the numerous English peas introduced in late years. It is a dwarf, wrinkled, blue marrow, a very heavy cropper, and produces large, remarkably well filled pods of excellent flavor. (See cut.) Qt., 50 cts.
- PRIDE OF THE MARKET.** Is a strong growing pea, attaining a height of from 18 to 24 inches, and is wonderfully productive. Not only is it unusually productive, but the pods are very large in size, and very handsome in appearance, and the peas when cooked are of such splendid quality that he who finds fault must indeed be hard to please. (See cut.) Qt., 50 cts.
- LAXTON'S MARVEL.** A variety of quite recent introduction, attaining a height of 3 feet, and a very prolific bearer, producing white wrinkled peas in handsome curved pods. Qt., 30 cts.; peck, \$2.00.
- 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.
- WHITE MARROWFAT.** A favorite marrow sort; 6 feet. Qt., 20 cts.; peck, \$1.25.
- BLACK-EYED MARROWFAT.** This, as well as the preceding, is extensively grown as a field pea; hardly productive; 4 feet. Qt., 20 cts.; peck, \$1.25.
- TALL SUGAR.** (Edible pods.) Can be used either shelled or cooked in the pods, which when young are very tender and sweet; 5 feet. Qt., 30 cts.; peck, \$1.75.

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.

NEW SWEET SPANISH. (See description, page 10.) Pkt., 25 cts.; 5 packets for \$1.00.

GOLDEN DAWN. A beautiful and distinct 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. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., \$1.25; lb., \$4.00.

SWEET SPANISH. One of the largest and earliest varieties; the flesh is sweet and mild. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., \$1.25; lb., \$4.00.

LARGE BELL, or BULL NOSE. An early variety of mild flavor; rind thick and fleshy. (See cut.) Pkt., 10 cts.; oz., 40 cts.; ¼ lb., \$1.25; lb., \$4.00.

SWEET MOUNTAIN, or MAMMOTH. Similar to the preceding in shape and color, but larger and milder in flavor. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., \$1.25; lb., \$4.00.

SQUASH, or TOMATO SHAPED. The most generally grown for pickling; very productive. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., \$1.25; lb., \$4.00.

LONG RED CAYENNE. Fruit brilliant coral red, conical, from three to four inches in length; very productive. (See cut.) Pkt., 10 cts.; oz., 40 cts.; ¼ lb., \$1.25; lb., \$4.00.

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., 40 cts.; ¼ lb., \$1.25; lb., \$4.00.

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.) 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., 40 cts.; ¼ lb., \$1.25; lb., \$4.00.

MONSTROUS, or GROSSUM. A French sort; 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.

CHARTER OAK. (See description, page 11.) 1 lb., by mail, 75 cts.; by express or freight, buyer paying charges, peck, \$3.00; bush., \$10.00; bbl., \$20.00.

PERFECT PEACHBLOW. (See description, page 11.) 1 lb., by mail, 75 cts.; by express or freight, buyer paying charges, peck, \$3.00; bush., \$10.00; bbl., \$20.00.

EMPIRE STATE. (See description, page 12.) Peck, 60 cts.; bush., \$2.00; bbl., \$4.00.

VANGUARD. The earliest variety. It has been fit to dig never less than ten, and often fourteen days before any other sort had matured. In yield, it is about on a par with other early sorts, while in quality and flavor it is unsurpassed. The skin is the same color as the Early Rose, indented with few and shallow eyes; flesh white and mealy. (See cut.) Peck, 50 cts.; bush., \$1.75; bbl., \$3.50.

EARLY MAYFLOWER. Ripens about with the Early Rose. Quality equal to the Snowflake. Tubers are of medium size and uniform; eyes few; flesh white and solid; vines grow strongly, and are of a spreading habit. Peck, 50 cts.; bush., \$1.75; bbl., \$3.50.

PEARL OF SAVOY. (See description, page 12.) 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, flavor excellent. (See cut.) Peck, 50 cts.; bush., \$1.75; bbl., \$3.50.

EARLY SUNRISE. Introduced in 1883. Very early and productive. Peck, 50 cts.; bush., \$1.75; bbl., \$3.50.

EARLY MAINE. Claimed to be an earlier and a better cropper than the Early Rose, and smoother and more regular in shape. Peck, 50 cts.; bush., \$1.75; bbl., \$3.50.

MONTGOMERY, ALA., July 31st, 1885.

I grew Henderson's Early Snowball Cauliflower here this year and they were the finest I ever saw. I had heads weighing 9 lbs.

JOHN N. BROWN.

Pepper, Large Bell.

Potato, Clark's No. 1.

Pepper, Long Red Cayenne.

Potato, Vanguard.

Pumpkin, Connecticut Field.

Pumpkin, Large Cheese.

Pumpkin, Sugar.

Radish, French Breakfast.

Radish, White Tipped Turnip.

Radish, Early Round Dark Red.

Radish, Yellow Summer Turnip.

(See pages 39 and 41.)

POTATO.—Continued.

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

EARLY OHIO. Tubers almost round; flesh solid; cooks dry and mealy; very early. Peck, 50 cts.; bush., \$1.75; bbl., \$3.50.

TRIUMPH. As an early variety this has given great satisfaction, particularly in the South. Very productive, and of excellent quality. 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.

BEAUTY OF HEBRON. One of the best early sorts; productive and of excellent flavor; a good keeper; pure white skin and flesh. Peck, 50 cts.; bush., \$1.75; bbl., \$3.50.

WHITE STAR. Medium early and large cropper; cooking qualities of the best; a good keeper. Peck, 50 cts.; bush., \$1.75; bbl., \$3.50.

ST. PATRICK. One of the handsomest varieties in cultivation, being exceedingly smooth and regular, with very few and shallow eyes. It is oblong in shape, a large yielder, and of the first quality. Peck, 50 cts.; bush., \$1.75; bbl., \$3.50.

SNOWFLAKE. A variety of medium earliness, and for mealiness and delicate flavor unsurpassed. Peck, 50 cts.; bush., \$1.75; bbl., \$3.50.

ROCHESTER FAVORITE. A late sort; tubers white, oblong and very uniform in size; an immense yielder and an excellent market potato; quality good. Peck, 50 cts.; bush., \$1.75; bbl., \$3.50.

JUMBO. This 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 tubers are nearly round; skin white; eyes small and sunken; flesh white, of excellent flavor. Peck, 50 cts.; bush., \$1.75; bbl., \$3.50.

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

☞ All of the above varieties of Potatoes are Northern grown and from carefully selected seed 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 $\frac{1}{4}$ lb. and upward, postage must be added at the rate of 16 cts. per lb.

NANTUCKET. (See description, page 12.) Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

SUGAR. (See cut.) 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.; $\frac{1}{4}$ lb., 25 cts.; lb., 60 cts.

LARGE CHEESE. The best variety for cooking purposes. (See cut.) Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 60 cts.

JUMBO. The largest variety grown, often attaining a weight of 200 lbs. Very productive. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

CUSHAW. In great favor in the Southern States. In appearance it much resembles the Winter Crookneck Squash; color white, striped and mottled with green. Flesh salmon colored. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Large Tours, or Mammoth. Grows to an immense size, often weighing over 100 lbs. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

Connecticut Field. (See cut.) Very productive; largely grown for feeding stock. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

RHUBARB.

German, *Rhabarber*.—French, *Rhubarbe*.—Spanish, *Ruibarbo 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 $\frac{1}{4}$ lb. and upward, postage must be added at the rate of 16 cts. per lb.

Linnæus. Early, large and tender. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Victoria. Very large, later than Linnæus. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ 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 $\frac{1}{4}$ lb. and upward, postage must be added at the rate of 16 cts. per lb.

BECKERT'S CHARTIER. (See description, page 12.) Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

LONG SCARLET SHORT-TOP. The standard variety for market and private gardens. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 85 cts.

WOOD'S EARLY FRAME. Very often a variety of special value will be catalogued for years before its merits become generally known. The variety here offered, Wood's Early Frame Radish, is a marked instance of this seeming neglect. Comparatively few growers are aware of the fact that it is over ten days earlier than the Long Scarlet Radish, which it very much resembles, although not quite so long. An excellent variety for forcing. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 85 cts.

EARLY SCARLET TURNIP. Rather more delicate in flavor than the above; excellent for summer use. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 85 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. (See cut.) Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 85 cts.

EARLY WHITE TURNIP. Very early; flesh pure white. Good shape and mild flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 85 cts.

WHITE TIPPED SCARLET TURNIP. This is an early variety of medium size, of excellent flavor and of very handsome appearance. (See cut.) Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 85 cts.

FRENCH BREAKFAST. A variety of quick growth, very mild and tender. (See cut.) Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 85 cts.

White Summer Turnip. Excellent for summer use; of mild flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 85 cts.

YELLOW SUMMER TURNIP. Grows to a large size; excellent to stand the heat and drought of summer. (See cut.) Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 85 cts.

Gray Summer Turnip. An excellent variety for summer use. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 85 cts.

Long White Naples. Flesh white, crisp and mild. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ 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.; $\frac{1}{4}$ lb., 25 cts.; lb., 85 cts.

Olive-Shaped Scarlet. Oblong shaped, flesh rose colored; a good summer variety. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 85 cts.

White Olive-Shaped. A very valuable forcing variety. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 85 cts.

ROSE CHINA WINTER. Bright rose color; flesh firm and piquant; excellent for winter use. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 85 cts.

LONG BLACK SPANISH. One of the hardiest and best for winter use. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 85 cts.

ROUND BLACK SPANISH. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 85 cts.

Long White Spanish. Rather milder in flavor than the Long Black Spanish. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 85 cts.

CALIFORNIA MAMMOTH WHITE WINTER. A giant white-fleshed Fall Radish of excellent quality. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

SALSIFY, or Oyster Plant.

German, *Bocksart*.—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.

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

NEW CASTLE, PA., Aug. 8th, 1885.

April 24th I planted one bushel Henderson's First of All Peas, commenced to pick June 15th, and by June 29th had ground cleared off for another crop. Sold 53 bushels. Is this a good average? B. F. GOOD.

Spinach, Henderson's Norfolk Savoy.

Spinach Large Round Leaf Viroflay.

Squash, Bush Summer Crookneck.

Squash, Hubbard.

Squash, Vegetable Marrow.

Turnip, Early White Flat Dutch.

Turnip, Purple Top White Globe.

Turnip, White Egg.

Turnip, Improved American (Ruta Baga).
(See pages 43, 44 and 45.)

Turnip, Extra Early Purple Top Munich.

Turnip, Golden Ball.

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, *Seckohl Meer Kohl*.—French, *Crambe Maritime*.—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, *Spinal*.—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 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.

HENDERSON'S NORFOLK SAVOY-LEAVED. A most valuable variety, which produces nearly twice the weight of crop as the ordinary sorts, and 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 five winters. In appearance the leaf is wrinkled in the same way peculiar to the Savoy Cabbage; hence the name. (See cut.) Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 50 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., 50 cts.

LARGE ROUND LEAF VIROFLAY. A new variety, with very large, thick leaves. (See cut.) Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 50 cts.

NEW THICK-LEAVED. 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. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 50 cts.

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. 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., 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.

For the best and heaviest MAMMOTH CHILI SQUASH sent us in 1886, \$15.00. See conditions on page 20.

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. Equally desirable either as a summer or a winter Squash. 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. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

PINEAPPLE. A fall and winter variety. The color of the skin is a creamy white. In time of ripening it comes in with the Perfect Gem, and is of excellent quality when quite young, and keeps well all winter. A very prolific variety, yielding from five to eight squashes to each vine. The flesh is also of a creamy white color, fine grain and splendid quality, having a rich cocoanut flavor. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

GREEN STRIPED BUSH, or BERGEN. A small white Squash, with green stripes; of excellent flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

WHITE BUSH SCALLOPED. 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. (See cut.) Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Butman. A fine grained and distinct variety; dry, sweet and delicious flavor. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

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., 40 cts.; lb., \$1.25.

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., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

HUBBARD. (See cut.) 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., 40 cts.; lb., \$1.25.

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., 40 cts.; lb., \$1.25.

ESSEX HYBRID. This is not only one of the richest flavored, finest grained, and sweetest of all squashes, but it is also one of the very best keepers that we know of. The flesh is very thick, rich colored and solid. It is a very early, quick growing variety, squashes raised from seed sown on the 3d of July, two months after planting, weighing 10 and 12 lbs. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

MAMMOTH CHILI. Grows to an immense size, often weighing over two hundred pounds; excellent for all uses. By reference to our illustration in 1885 Catalogue, it will be seen what specimens our seeds may be expected to produce under favorable conditions. 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., 40 cts.; lb., \$1.25.

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.

TOBACCO SEED.

Connecticut Seed Leaf. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

Imported Havana. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.

Virginia. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$3.00.

Kentucky. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$3.00.

TOMATO.

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

This vegetable is now perhaps 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 in boxes three inches deep, 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 for early crops on light, sandy soil, at a distance of three feet apart, in hills in which a good shovelful of rotted 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 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. Tomatoes will always produce greater crops and be of better flavor when staked up, or when trained against walls or fences.

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

For the best five specimens of THE MIKADO TOMATO sent us in 1886, \$10.00. See conditions, page 20.

THE MIKADO. (See description, page 13.) Pkt., 25 cts.; 5 pkts. for \$1.00; \$2.00 per oz.

THE CARDINAL. Color brilliant cardinal red when ripe, appearing as if varnished, flesh almost of as bright a color. In shape almost round, solid, and with very few seeds. Quality first-class. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$3.00.

LIVINGSTONE'S FAVORITE. 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. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$3.00.

MAYFLOWER. This is perhaps the earliest large tomato grown. The shape is perfectly glohular, 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. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$3.00.

PERFECTION. 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. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$3.00.

ACME. This Tomato is one of the earliest and handsomest varieties ever 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., 80 cts.; lb., \$3.00.

PARAGON. The description of the Acme will answer for this in all respects, except 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., 80 cts.; lb., \$3.00.

THE TROPHY. This, when well grown, is without doubt one of the best Tomatoes. 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., 25 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$3.00.

TROPHY, EXTRA SELECTED. Saved only from specimens of perfect form, weighing from 15 to 24 ounces. Pkt., 15 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.

ESSEX HYBRID. Quite an early variety, attaining a large size, perfectly smooth, and of a bright pink color, closely resembling Acme, but larger and less liable to rot. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$3.00.

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., 80 cts.; lb., \$3.00.

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., 80 cts.; lb., \$3.00.

HATHAWAY'S EXCELSIOR. Early, of medium size, smooth, very solid, and of excellent quality. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$3.00.

CANADA VICTOR. One of the earliest, of medium size, very symmetrical in shape. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$3.00.

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., 80 cts.; lb., \$3.00.

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., 80 cts.; lb., \$3.00.

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., 40 cts.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

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., 25 cts.; $\frac{1}{4}$ lb., 80 cts.; 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., 80 cts.; 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., 40 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, *Navel*.—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.

For the best formed and heaviest Turnips of the following varieties sent to us in 1886:

BEST 5 PURPLE TOP WHITE GLOBE.....\$10.00

BEST 5 IMPROVED AMERICAN KUTA BAGA..... 10.00

For conditions, see page 20.

EXTRA EARLY MILAN. An early strap-leaf variety, coming into use before any other sort, being a week or ten days earlier than the ordinary early sorts. It is almost as early as the Purple Top Munich, but unlike that variety, which soon gets hot and bitter, this sort retains its good qualities, and remains a long time fit for use. The bulbs are white, with a purple top, round, flattened and solid, with a very slender tap root; flesh pure white, sweet and crisp. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

SNOW-WHITE OLIVE SHAPED. A new white variety which possesses the distinction of being exceedingly early, and of remarkably fine quality. Unsurpassed for table use. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

WHITE GEM. An early garden variety, clear white in color, globe shaped, medium size, delicate flavor, and quick growth. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

EXTRA EARLY PURPLE TOP MUNICH. This occupies the same place among Turnips that the Egyptian variety does among the Beet family—that of being earliest of all. (See cut.) Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

RED TOP STRAP LEAF. Rapid grower and of 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. (See cut.) Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Have been selling Essex Hybrid Squash since July 20th. In our markets it is considered the best squash that grows. Had them weighed from 8 lbs. to 15 lbs. each.

NEW CASTLE, PA., Aug. 8th, 1885.

Had them weighed by B. F. GOOD.

TURNIP.—Continued.

Early Snowball. Small, solid, sweet and crisp, and also of remarkably good growth. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

WHITE EGG. Should be sown, in this latitude, between August 10th and 25th. Its shape is nearly oval or egg; 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. (See cut.) Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

PURPLE TOP WHITE GLOBE. An early variety, globe shaped; heavy cropper; in other respects similar to the Red Top Strap Leaf. A handsome looking hulk, 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.

POMERANIAN WHITE GLOBE. Valuable alike for the table and for stock. Not so early as the flat sorts. 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., 25 cts.; lb., 75 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.

AMBER GLOBE. In great favor in the South. Attains a large size, flesh solid and sweet; hardy and a good keeper. 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. (See cut.) Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Yellow Malta. An early 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., 25 cts.; lb., 75 cts.

Teltow, or Small Berlin. The smallest of all Turnips; roots are spindle-shaped, and formed entirely underground; the root 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, and the best of all yellow Turnips. (See cut.) 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.

SHAMEOCK. 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 hulk 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 hulk. $\frac{1}{4}$ lb., 10 cts.; lb., 30 cts.

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 halm tea or halm 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., 25 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$3.00.

Savory, Summer (*Satureia 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 (*Artemisia 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 16 cts. per lb., or 25 cts. per qt.

Canary. Best Sicily (*Phalaris Canariensis*). Qt., 15 cts.; hush., \$3.50.

Hemp (*Canabis Sativa*). Qt., 15 cts.; bush., \$3.50.

Maw (*Papaver Rhoeas*). Lb., 30 cts.

Millet (*Panicum Miliaceum*). Qt., 15 cts.

Rape (*Brassica Napus*). Qt., 30 cts.

Mixed Bird Seed. Qt., 20 cts.; hush., \$4.00.

Mocking Bird Food. 40 cts. per bottle.

List and Prices of **Fruit Seeds** sent on application.

THE LAWN

A PERFECT LAWN is not only a most essential adjunct to rural or suburban residences, but, when thoroughly made, no other single feature of the country home is so satisfactory or pleasing. By sowing our Lawn Seed Mixtures a perfect Lawn can now be so quickly and cheaply obtained, that it is no wonder that thousands every season will "make a Lawn" about their houses, when, perhaps, they will not trouble with the greater care of a green-house or garden.

VIEW OF A LAWN PRODUCED BY SOWING THE "HENDERSON" LAWN GRASS SEED.

THE "HENDERSON" LAWN GRASS SEED

Is a new mixture of Grasses for Lawns, and the successful result of two years' experimenting in seeking to make such a combination of American Grasses as will under favorable conditions produce in a short time a **Perfect Lawn**. We say American Grasses, because under the name of French and English Lawn Seed are offered varieties of Grasses that, while suitable enough for those countries, in our climate are worthless. By the proper blending of varieties we have in the "**Henderson**" Lawn Seed something that from early spring until late fall will give to Lawns made with it that deep rich green effect so much admired in English Lawns, but which, except in a few favored localities, is so seldom seen in this country. Owing to the number of varieties entering into this mixture, and the fact that only the very purest grass seeds that can be obtained are used, it cannot be sold quite as low as our old and popular "**Central Park**" Lawn Mixture, on which, however, we have no hesitation in saying it is a decided improvement.

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.

We are often asked for information on **THE FORMATION AND RENOVATION OF LAWNS**, and to answer such inquiries have prepared an essay on the subject, which will be sent FREE to purchasers of Lawn Grass Seed, whether the orders be large or small. To all others on receipt of ten cents.

As a guide for the proper quantity to order, we may state that one quart of the "**Henderson**" 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.

PRICE: The "**Henderson**" Lawn Grass, 25c. per qt., \$1.75 per peck, \$5.50 per bushel.
(If by mail, add 10c. to quart price.)

I find no cabbage seed equal to yours, especially your Selected Early Jersey Wakefield.

SAVANNAH, October 12th, 1885.
N. SHEFTALL

→‡ THE LAWN. ‡←

“CENTRAL PARK” LAWN GRASS SEED.

This is the old and popular grass seed sold by us for many years. The mixture was prepared and first named “CENTRAL PARK” by us, and thousands of beautiful lawns all over the country well attest the very general satisfaction our seed has given. No better idea of its popularity can be given than the fact that we sold **70,000** packages of this mixture during 1885.

PRICE:

“Central Park” Lawn Grass, 20 cts. per quart,
\$1.50 per peck, \$5.00 per bushel.

IF BY MAIL, ADD 10 CTS. TO QUART PRICE.

Henderson's Lawn Enricher,

FOR NEW AND OLD LAWNS.

Offered by us for the first time last season, has been most satisfactory in its results to the hundreds whom we supplied with it. It is a clean, portable and convenient fertilizer, that never fails in inducing a rapid and rich green growth to the lawn. Its portable form makes it well suited for use on cemetery plots.

We offer it as follows:

A 5-lb. Package for.....	\$0.30	} BY EXPRESS OR FREIGHT.
A 10-lb. Package for.....	.50	
A 20-lb. Package for.....	1.00	
A 50-lb. Package for.....	2.00	
A 100-lb. Package for.....	4.00	

Prices for larger quantities on application.

As a guide for the proper quantity to order, we would state that a 10-lb. package is sufficient to go over an area of 300 square feet, either in forming a new lawn or used as a renovator on an old one.

THE “HENDERSON” NEW HAND LAWN MOWER

This entirely new Hand Lawn Mower will be found illustrated and fully described on page 87 of this catalogue. We believe it is the best mower yet introduced, for in comparative trials with leading mowers of different makes, it not only cut the tallest grass completely and smoothly, but it was by far the easiest running machine of all.

12 inch (cuts swath that width)		\$13.00 each.
14 “ “ “ “		17.00 “
16 “ “ “ “		19.00 “
18 “ “ “ “		21.00 “
20 “ “ “ “		23.00 “

☞ Above Prices for Lawn Mowers subject to a Liberal Discount, given on application.

Department OF FARM SEEDS

GRASS AND CLOVER SEEDS.

More than ever this year, we wish to call attention to our list of Grass Seeds, not only because it is a large and growing department of our business, but for the reason it gives us an opportunity to state what we believe to be a fact, that our warehouses to-day contain of all the leading kinds the purest and best samples of any seed house in the country. Our stocks of Red Top, Kentucky Blue, Orchard, Timothy—in fact, all the grasses—are clean and pure, and as free from weed or foreign seeds as the most approved machinery for cleaning can make them. Every intelligent farmer knows that the best sample of grass seed he can obtain is cheapest in the long run, and in this fact we believe our efforts to supply only the finest grades of seed will receive sufficient encouragement.

Customers of course understand that the prices of Grass and Clover seeds are subject to constant change, and the rates here given are those ruling at this date (January 1, 1886), and buyers, particularly those purchasing in quantity, should write for special quotations and samples, which will be promptly furnished.

(If by mail, postage must be added at rate of 16 cts. per lb. or 10 cts. per quart.)

Orchard Grass.

(*Dactylis glomerata*.)

One of the most valuable grasses for either pasture or haying lands. (If sown alone, though it never should be sown except in mixture) 3 to 4 bushels to the acre.

Henderson's "Choicest,"

Price (bus. of 14 lbs.) \$2.75.

Meadow Foxtail.

(*Alopecurus Pratensis*.)

One of the best grasses for permanent pastures, being early and rapid in growth. Does best on rich, moist soils, 3 to 4 bushels per acre (17 lbs. to bushel).

Henderson's "Choicest,"

60 cts. per lb.

Red Top Grass.

(*Agrostis vulgaris*.)

Valuable as a mixture in either hay or pasture grasses. Succeeds well in almost any soil. 3 bushels to the acre. (14 lbs. to bushel.)

Henderson's "Choicest,"

\$2.00 per bushel.

Extra clean seed, \$1.25 per bush.

Ky. Blue Grass.

(*Poa Pratensis*.)

Known also as June grass, specially valuable for pasture grass. It thrives best on dry, rich lime-stone lands. 3 bushels to the acre. (14 lbs. to the bushel.)

Henderson's "Choicest,"

\$2.50 per bushel.

Extra clean seed, \$2.25 per bush.

Italian Rye Grass.
(*Lolium italicum*.)

Thrives in almost any soil, and yields early and abundant crops. Sow 3 bushels to the acre (20 lbs. to bushel).

Henderson's "Choicest," \$2.50 per bushel.

Sweet Vernal Grass.
(*Anthoxanthum odoratum*.)

Very useful as a mixture with other grasses on account of its early growth. It emits an agreeable odor when cut for hay. Sow three and a half bushels to the acre (about 10 lbs. to bushel).

Henderson's "Choicest," 60 cts. per lb.

Hard Fescue.
(*Festuca duriuscula*.)

A dwarf growing grass of great value, succeeding well in dry situations. Sow two and a half bushels to the acre (about 12 lbs. to bushel).

Henderson's "Choicest," 35 cts. per lb.

Sheep's Fescue.
(*Festuca ovina*.)

A variety short and dense in its growth, and one excellent for sheep pastures. Two and a half bushels to the acre (about 12 lbs. to bushel).

Henderson's "Choicest," 30 cts. per lb.

Meadow Fescue.
(*Festuca pratensis*.)

Of great value in mixtures for permanent pastures. Sow two and a half bushels to the acre (about 50 lbs. to the bushel).

Henderson's "Choicest," 60 cts. per lb.

VARIOUS OTHER GRASSES.

Prices subject to variation.

Timothy, or Herd Grass. (*Phleum Pratense*.) Of this well known variety, so extensively grown throughout the country, we offer a particularly "choice" sample of seed. As fine as we have ever seen. From $\frac{1}{2}$ to 1 bushel per acre. (45 lbs. to bushel.) Bushel, \$2.75.

Creeping Bent Grass. (*Agrostis Stolonifera*.) An excellent variety for lawns, succeeding well in most situations. About 2 bush. to the acre. (15 lbs. to bushel.) 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.

English Rye Grass. (*Lolium Perenne*.) A very nutritious and valuable grass for meadows and permanent pastures. $2\frac{1}{2}$ to 3 bushels to the acre. (Bushel of 24 lbs.) Bush., \$2.50.

Johnson Grass. (*Sorghum Halapense*.) A detailed account of the merits of this grass, so popular in Alabama, will be found in our catalogue for 1885. Price, per lb., by mail, 45 cents; per peck, \$1.75; per bushel (of 25 lbs.), \$6.00.

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

Tall Meadow Oat Grass. (*Avena Elatior*.) Is highly recommended for soilug, being rapid and luxuriant in its growth. 5 to 6 bushels per acre. (Bushels 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 two 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. $1\frac{1}{2}$ 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. It 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.

If by mail postage must be added at the rate of 16 cts. per lb. (Subject to variation in price.)

Red Clover, Medium. (*Trifolium Pratense*.) Market Price.

Red Clover, Large or Pea Vine. Market Price.

White Clover. (*Trifolium Repens*.) Lb., 40 cts.

Alfalfa or Lucern. (*Medicago Sativa*.) Although this valuable forage plant may be grown in cold latitudes as well as in warm, as the plant is entirely hardy, yet its value is not so marked in cold climates, where it finds its competitor in 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 especial attention to Alfalfa, for the reason that in a visit to Florida three years ago 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 book, "Garden and Farm Topics." Price of seed, 35 cts. per lb.; by mail, 50 cts. per lb.

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., 30 cts.

Bokhara Clover. (*Melilotus Leucantha*.) Affords excellent food for bees throughout its season. Lb., 60 cts.

Trefoil, Yellow. (*Medicago Lupulina*.) Hop clover. Lb., 40 cts.

GRASSES

FOR

HAY AND FOR PERMANENT PASTURES.

In view of the wide-spread interest being taken at this time in this most important subject, we have made an extract from our new farm book, "HOW THE FARM PAYS," as being certain to prove of great interest and value. It will be seen that Mr. Crozier's views as to the use of varieties are radically different from the usually accepted practice. But as he speaks from the standpoint of a man who is well known for the last thirty years to have ever made his "Farm Pay," his words are entitled to weight. In England this subject of grasses is far better understood than with us, experimental grounds having long been devoted to finding out what varieties are best adapted for the different soils. In our larger area, and wider variation of soil and climate, the task in this country is much more difficult; so that with the best endeavors it will take years before we can hope to obtain that certainty of knowledge on the subject that our transatlantic neighbors enjoy.—Mr. CROZIER says:

"Heretofore the base grass, as it may be called, for the hay crop in our northern States, has been Timothy, but experiments, that have been carried on for a period of twenty years, have led me to believe that

ORCHARD GRASS

is much better fitted to be the leading kind in the mixture, whether for pasture or for hay, whether used alone or otherwise, and I place it far in advance not only of Timothy, but of any other grass we have thus far in cultivation. Any one acquainted with the growth of roots will see at a glance, by the illustration, that it is a plant better fitted for permanency than any of the other varieties of grasses mentioned in this work. In addition to that, it has a merit which I consider to be far above all the rest. This is the early date at which it is in a condition to be cut for hay. When sown alone or in mixtures it is found that it can be cut between two and three weeks before Timothy is ready. The present season (1883) my whole crop was cut and in the barns by the 20th of June, at least 20 days before other farmers in this vicinity had begun to cut their Timothy. The advantage of its earliness is not only that it gives three weeks longer for the aftermath to grow, but another reason of more importance is, that at this date, the White Ox Eye Daisy and other troublesome weeds are not yet in condition to seed, which, should any of them happen to be in the fields, are destroyed by being cut before they have ripened their seeds. The vast importance of this means of checking the White Daisy will be seen when it is known that tens of thousands of acres have been given up to the possession of that useless weed. It is in full seed at the time that Timothy hay is cut, and its seed retains vitality for years. When this weed is mixed with the hay the mischief done is not only for the succeeding year, but it may be for half a dozen years after, as the seed, if plowed down into the ground, will remain for years and will germinate when brought to the surface again by subsequent plowing. So, then, we see that if we are able to use Orchard Grass, which is not only equally as good, but better in many respects than Timothy, having in addition the valuable quality of being in fit condition to cut at a season before the devastating White Daisy is in seed, we have accomplished something at which the farming community may well rejoice. There is an unfortunate matter connected with the culture of this grass, however, which we shall endeavor as far as possible to set right. It is universally known as Orchard Grass, giving the impression to those unacquainted with it that it is only fitted for growing in the orchard, or under partial shade. Although no other grass will do better under such circumstances, yet like all other strong growing grasses it will of course produce a heavier crop if exposed to the bright and open sunshine. I have never in my practice used Orchard Grass without the admixture of Clover or other grasses, as I have always been a believer in the great importance of having a variety of grasses, either for hay or pasture. It is my rule to include never less than five and sometimes as many as ten varieties of grasses, together with a due proportion of Clover. The mixture which I sow after Wheat in the fall or spring is composed of Orchard Grass, Meadow Fescue, Sheep Fescue, R. I. Bent, Hard Fescue, Sweet Scented Vernal, Meadow Fescue, English Rye Grass, Italian Rye Grass, and Red Top, one-half of the bulk in Orchard Grass, while the other half is made up of the other grasses named. I vary the quantity in these mixtures according to the requirements of the soil, the quantity needed for average land being, per acre, about 5½ bushels or 75 lbs. For rich heavy land from one-quarter to one-third less. This is my favorite mixture for either haying lands or pasture, whether sown in the fall or spring, to which is added—hut sown in the spring always, as it is rather tender if sown in the fall in this latitude—10 lbs. of Red or Mammoth Clover, which is also known under the different names of Pea Vine Clover and Broad Leaved Clover. One reason why it should always be sown separately is, that its great weight makes it difficult to keep it properly mixed with the Orchard Grass and other grasses. It is therefore better to sow it alone in the usual way over the grass seed, brush harrowing after sowing and then rolling. The mixture as here given is much more expensive than that commonly used for seeding down, either for hay or pasture, the first cost being four or five times as much as for the ordinary mixture. Thus far I have used the best grade of seed, costing from \$20 to \$25 per acre, but I am so well satisfied of its superiority, that if it cost me one-third more I should still use it, because it must be remembered that this investment is not for one year only, but if the land is properly prepared there is no reason why permanent haying land cannot be kept in good condition for twenty years, producing annually one-third more weight than the mixture in common use. The quantity I recommend is probably double as much as is usually sown per acre, but as in quality, so in quantity. I consider that the importance of thick seeding cannot be overestimated. Not only does it keep down the weeds, but what is of even greater importance, we get a thicker covering of the same surface, so that in case of severe droughts instead of the sun beating down on the bare soil, it is intercepted, and the ground is shaded by the thickly growing plants. It paid me to use this mixture while I was renting land at \$10.00 per acre, even on a five years' lease."

To the foregoing experience of Mr. Crozier we have only to add that we can well attest the value of his opinion in this matter, for we saw the hay field which he cut on the 9th of June, 1883, and 30 days later (July 10th) it was then one foot in height, while the grass lands on all sides of it, where the ordinary Timothy and Clover Mixture had been used, were only being harvested, and the aftermath, let the weather prove what it might, would probably never be in equally as good condition. Our new farm book, "HOW THE FARM PAYS," from which the above extract was taken, was only issued by us in October, 1884, but since its publication we have received so many inquiries in our capacity as seed dealers, for seed of this mixture, that we have prepared the combination of grasses which Mr. Crozier advocates, in the proportion as used by him, which we designate as

→ Henderson's Special Grass Mixture for Hay and Permanent Pastures, ←

which we can furnish in any quantity, at the price given on next page. To those who desire to lay down large areas, we shall be prepared to make special prices.

The illustration that we show on the next page is not a fancy sketch, but actually shows the difference in growth (on June 8th, 1883) between a field of Timothy and Clover, and Henderson's Special Grass Mixture that we recommend.

Henderson's · Special · Grass · Mixture

FOR

HAY AND PERMANENT PASTURES.

HENDERSON'S SPECIAL GRASS MIXTURE, consisting of the varieties recommended on the previous page, blended in proper proportions, we will furnish for **\$2.75 per bushel**. To seed down an acre five and a half bushels are required.* While the leading variety used in this mixture is Orchard Grass, the addition of the several other Grasses named add to its value. First, because Orchard Grass sown alone has a tendency to form tussocks or clumps, which, however, can be overcome by thick seeding; but if through want of care the seeding has not been thick, the other Grasses being sown with it fill up the vacant spaces between the Orchard Grass. In addition to this, the other Grasses have special value in pasture lands for different animals—Sheep's Fescue, for instance, is always eagerly sought for by sheep, who are very fond of it.

Our Illustration shows the difference in growth (June 8th, 1883) between a field of Timothy and Clover, the grasses usually sown, and Henderson's Special Grass Mixture.

*Delivered at this price to any Express, R. R., Freight or Steamboat Office in New York.

Special Prices for 3, 10, 25 acres and upward given on application.

Having grown Henderson's Snowball Cauliflower the past season, I must say that it is as sure to head as anything I have ever seen, and solid heads, too. Your Pea, Henderson's First of All, proved all that you recommended it to be.

KNIGHTSVILLE, ME., Dec. 12th, 1884.

JOHN B. CHASE.

* EUROPEAN · SILVER · HULL · BUCKWHEAT. *

A most desirable acquisition for this country, which has done remarkably well the past two seasons as far north as northern Vermont, where the seed we now offer has been grown expressly for us. It may be depended upon to ripen in anything like a favorable season from *ten days to two weeks earlier* than the native American Silver Hull or Common Buckwheat. Berry small, with rounded corners, and of a beautiful silvery gray color. Grows at the uniform height of three feet, standing up well and branching luxuriantly. Straw, a deep rich wine color when ripe. It is a heavy yielder, and thus far is not so easily affected by drought and frost as other Buckwheat. The illustration is engraved from a photograph of a field of this grain taken on the spot, as it was being harvested for us in Vermont last September.

Price.....\$0.25 per lb.

Price..... 1.50 per peck.

Price..... 5.00 per bush.

If by mail add 16 cts. to lb. price for postage.

GINSENG,

PANAX SCHINSENG (MANCHOORIAN GINSENG).

We have received from our seed and plant collector in China a limited quantity of Manchoorian Ginseng seed. The root of this plant, as many are no doubt aware, is the great talisman for all the ills afflicting the "Heathen Chinese," and the roots are sold there at fabulous prices. The tuberous root assumes somewhat the shape of the human form, and our correspondent assures us that it is no unusual thing for single roots coming near in appearance to the "form divine" to sell for \$200.00 each, and that the average price in Hong Kong is about \$100.00 per picul (a picul is 120 lbs.). Our collector believes that the climate in the United States, in most sections north of Virginia, would be well adapted for the growth of Ginseng. Further south he thinks it would not do, as, being a hardy plant, it requires a long season for rest. The root has a sweetish bitter taste. When clean it presents a semi-transparent appearance. It is largely used by the Chinese as a tonic in cases of debility, and, in fact, for almost all diseases, provided the patient is sufficiently wealthy to pay for such an expensive medicine. The stems of the Chinese Ginseng are upright, and the plants grow in groups of four or five, and bear a crimson flower. The roots are yellow and glossy in color. The wealthy classes take it as a tea, and have the most elaborate silver and ornamental tea urns for preparing it. Great care is taken in the preservation of the roots, and the merchants who sell it use every precaution to protect it from moisture, as moisture is said to detract from its healing properties. The lower classes, who use the inferior specimens, chew the root.

Notwithstanding the fact that the Chinese say that the American Ginseng, *Panax Quinquefolia*, does not possess in the same degree the valuable qualities of their native article, yet so great is the demand always in China for Ginseng in any form, that of the American variety of Ginseng upwards of six millions of dollars' worth have been sent to China within the last ten years. So that if the genuine Manchoorian Ginseng—of which we offer the seed for the first time, we believe, in this country—shall be found to succeed well here, the trade with China in this root within a very few years may be something enormous. The seeds of Ginseng being very slow to germinate, should be kept soaked in water for two or three days, to soften the outer covering. The seed should then be planted from one-half to one inch below the surface, care being taken to firm the soil above, to keep it from drying up. Full cultural instructions, as well as directions for preparing Ginseng root for market, sent with every order. Price, 15 cts. per pkt.; 75 cts. per oz.; \$2.50 per $\frac{1}{4}$ lb.

RAMIE,

(BOHMERIA OR URTICA).

This plant has long been known as yielding a fine, silky and valuable fibre, which the Orientals make into a delicate fabric known as Chinese Grass Cloth. Formerly the fibre had to be extracted by hand, which was a slow and expensive operation. Owing to the fact that machinery has recently been introduced which separates the fibre from the stalk, and that large mills are now in operation making fabrics of many kinds, the plant has again come largely into notice, especially in Europe. In this country there are several firms engaged in buying up the crude stalks for export, and forming companies for the purpose of making up the fibre here. Should these projects prove a success, there will likely be a large area planted, especially in the Southern States, to which the plant seems peculiarly well adapted. The plants are of the easiest culture, and are usually raised from seed, and after the first year yield from two to four crops annually, depending upon the latitude it is grown in. The number of inquiries we have had for the seed have induced us to offer it. The varieties best suited for the United States are: *Bohmeria Nivea* (Silvery Ramie), *B. Candidissima* (White Ramie), and *B. Tenacissima* (Java Ramie). The latter is a tall growing sort, adapted to southern countries, the West Indies, South America, etc. Price: *B. Nivea*, 50 cts. per $\frac{1}{4}$ oz.; \$1.50 per oz. *B. Candidissima*, 50 cts. per $\frac{1}{4}$ oz.; \$1.50 per oz. *B. Tenacissima*, \$1.25 per $\frac{1}{4}$ oz.; \$3.00 per oz.

"Vanguard Potato planted April 7th; on the 1st of May it appeared above ground. July 16th the vines began to die; dug July 30th. The yield was at the rate of 544 bushels to the acre. Skin of a pinkish tint, flesh nearly white and mealy."

—RURAL NEW YORKER'S report of tests of Potatoes for 1884.

HENDERSON'S · CLYDESDALE · OATS.

First offered in 1885.

A White Oat of Extraordinary Weight, Earliness and Productiveness,
the Natural Weight of which is 51 lbs. to the Bushel.

It affords us much satisfaction to announce that in the numerous trials to which this new variety was subjected last season, it fully sustained our claims and expectations. We have received a number of complimentary letters in regard to this Oat, which our space will not permit us to publish, which fully confirm our high opinion of it. In offering the Clydesdale Oat last year, we stated that thorough and careful trials by many of our best American farmers, as well as by the Department of Agriculture at Washington, show that imported (British) oats weighing 44 lbs. per bushel give a product when sown here of 40 lbs. per bushel, or nearly 10 lbs. per bushel more than our ordinary oats. In this new *Clydesdale Oat* we not only have the extraordinary weight of 51 lbs. per bushel, but, from its great earliness, ripening about ten days before any other kind—hence harvesting in cooler weather—it is fair to expect the product of this variety sown here would be 46 lbs. per bushel, or up to the full standard of the best imported oats. It will be seen, then, that even if the amount required to seed an acre be \$10.00 (3 bushels), the product in weight and value will be over half as much again. In other words, if the cost of the ordinary oats to seed an acre be \$1.50, and the product be 60 bushels, or about 1,800 lbs., the product of the *Clydesdale Oats* (being 46 lbs. to the bushel) should be about 2,750 lbs., showing a clear gain of 950 lbs. in yield, which would be, according to the American standard (32 lbs.), 30 bushels per acre more in favor of the *Clydesdale Oats*. Besides this clear gain in yield, it should also be remembered that if the product of the *Clydesdale Oats* were used again for seed purposes, as it probably would be in the majority of cases, the value would be still further increased; for the price of oats for seed purposes, as is well known, at 46 lbs. per bushel, is always at least twice the price of ordinary oats. We offer these new oats for sale at the natural weight of 51 lbs. per bushel, exactly as grown for us, so that those purchasing will actually receive for every bushel over one and one-half bushels according to the American standard. Another most important advantage of the *Henderson's Clydesdale Oats* to the farmer is the fact that they have been thoroughly cleaned by the latest and most improved machinery, and are absolutely free from foreign and weed seeds.

Price, by express or freight, \$1.00 per peck; \$3.50 per bushel (of 51 lbs.) Or we will supply three bushels (153 lbs.), the quantity required to seed an acre, for \$10.00. 1 lb. sent post-paid, by mail, for 50 cents.

BRITISH (Imported) OATS.

Besides the valuable new Oat, "*Henderson's Clydesdale*," described above, we offer the following standard British varieties:

- Hopetoun.** A potato Oat (white) of great value, averaging 42 lbs. to the bushel.
Black Tartarian. Early, productive and long strawed; the oats will weigh 38 lbs. to the bushel.
Waterloo. This is a white Oat weighing 36 to 38 lbs. per bushel, producing well both of grain and straw.
White Poland. An early variety, grain large, but thick skinned. This sort weighs 40 lbs. to the bushel. The above four varieties of Oats we offer in fine, well cleaned samples. Price, for any of the above four varieties, \$1.00 per peck; \$3.00 per bushel; or a two bushel bag of any variety for \$5.00 (bags included).

AMERICAN OATS.

- Pringle's American Triumph Oats.** This is a cross between the Excelsior and Waterloo Oats, combining in a remarkable degree the excellent qualities of both. The average height, as the grain stands in the field, is six feet, yet the straw is so strong and firm that it heads up well without lodging. Tall, luxuriant heads, filled with plump heavy grains, and the quality and productiveness of the grain are unexcelled, yielding from 50 to 100 bushels per acre, according to the condition and state of fertility of the land. Per peck, \$1.50; per bushel, \$5.00.
Probsteier. A leading variety. It is very productive and heavy, and straw very strong. Per bushel (32 lbs.), \$1.00.

RYE.

- Excelsior Winter.** A new variety from Vermont, that has never failed to yield at the rate of from 40 to 50 bushels per acre. With the originator, last year, a four acre field yielded 52 bushels to the acre. \$2.50 per bushel.
Winter.\$1.25 per bushel. | **Spring**\$1.75 per bushel.

SASKATCHEWAN FIFE SPRING WHEAT.

The best No. 1 hard Amber Wheat yet introduced. Unequaled for productiveness, earliness and vigor, and singularly exempt from smut, and other diseases. Price, 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., 20 cts.; bush., \$3.50. If by mail, add 25 cts. per qt. for postage.

EARLY ORANGE SUGAR CANE.

Yields 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. 20 cts. per qt.; \$3.50 per bush. If to be sent by mail, add 25 cts. per qt. for postage.

BARLEY.

- Vermont Champion.** A two rowed variety. 60 cts. per peck; \$2.00 per bushel.

BUCKWHEAT.

- European Silver Hull.** (See special description, page 52.) Price, 25 cts. per lb.; \$1.50 per peck; \$5.00 per bushel.
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. Price, per bush., \$2.25; 4 lbs. by mail, \$1.00.
Buckwheat, Common Variety. Bush., \$1.50.

RURAL BRANCHING DOURA.

A wonderfully productive fodder plant that has been thoroughly tried, and is seemingly superior to all others for soil-ing, 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 drought that sometimes ruins corn. Culture same as for corn. Price, 35 cts. per lb.; 1 lb. by mail for 50 cts. Four pounds required to plant an acre.

Leading Varieties of Field Corn.

Besides the very reasonable rates given below, our prices also include for the Field Corn 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.

Self Husking. (See special description in Novelties) 40 cts. per qt.; \$2.50 per peck.

Golden Beauty. The ears are of perfect shape, with from ten to sixteen straight rows of bright golden grains of the largest size, which are filled out to the extreme end of the cob. It is easily shelled, and is in every respect seemingly a perfect type. It is a vigorous grower, attaining from eight to ten feet in height, and each stalk produces from one to two ears. Matures as early as most varieties of Golden Dent, and surpasses all in size, appearance and productiveness. It has produced 100 bushels of shelled corn per acre under ordinary culture in Pennsylvania. 15 cts. per qt.; 60 cts. per peck; \$2.00 per bushel.

Queen of the Prairie. One of the most valuable and reliable varieties of dent corn that we know of. The specimen shown in our colored plate last year was a fair average sized ear. The stalk usually attains a height of from six to seven feet, bearing one or two good ears of from fourteen to sixteen rows each. In this latitude it has matured a full crop in less than ninety days. 15 cts. per qt.; 60 cts. per peck; \$2.00 per bushel.

Golden Dew Drop. Our portrayal of this in colored plate of last year was almost an exact reproduction, both as to size and color. It is a most reliable sort for northern planting, as it grows quickly and matures early. It is what is known as a flint variety, is eight-rowed, looks a little like the Canada Yellow, but the grain is brighter in color. As a rule, the flint varieties are not as good yielders as the dent sorts, but the Golden Dew-Drop produces two and three ears to the stalk. The stalks will average six feet in height. 15 cts. per qt.; 60 cts. per peck; \$2.00 per bushel.

King Philip. Very early. Usually matures three months after planting. Ears ten to twelve inches long. Kernel copper colored, smooth and of the flinty order. 15 cts. per qt.; 60 cts. per peck; \$2.00 per bushel.

Leaming. Ears of good size, cob red and small, with a deep large grain of bright yellow. It is an early variety, a strong grower, and its leafy character enables it to stand up until ripe, thus making it especially valuable in dry seasons. 15 cts. per qt.; 60 cts. per peck; \$2.00 per bushel.

Longfellow. A variety well adapted for the Northern States. It is an eight-rowed yellow flint sort, with ears from 10 to 15 inches long, of an average diameter of 1½ inches. Cob small, grain large and broad. 15 cts. per qt.; 60 cts. per peck; \$2.00 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 qt.; 60 cts. per peck; \$2.00 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 qt.; 60 cts. per peck; \$2.00 per bushel.

White Flint. Handsome ears, large and well filled. A first-class sort. 15 cts. per qt.; 60 cts. per peck; \$2.00 per bushel.

Farmer's Favorite Golden Dent. Ripens very early, and hence succeeds far north where many varieties will not mature. 15 cts. per qt.; 60 cts. per peck; \$2.00 per bushel.

Chester County Mammoth. One of the largest varieties of field corn in cultivation, yielding under good culture from 100 to 150 bushels shelled corn per acre. 15 cts. per qt.; 60 cts. per peck; \$2.00 per bushel.

Large Yellow Flint. Very productive and of good quality. 15 cts. per qt.; 60 cts. per peck; \$2.00 per bushel.

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; per lb., \$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>Gleditsia Triacanthos</i>	per lb., 50c.
Yellow Locust.....	<i>Robinia Pseudacacia</i>	per lb., 70c.

I have had such great success this season with your White Plume Celery that I feel it a duty to express my gratification to you. Its marvelous beauty is equaled by its quality.

NEWBURYPORT, MASS., NOV. 7th, 1885.

C. JOHNSON.

*Vegetable Seed Tables,

Showing the Quantity of Vegetable Seeds required to Sow an Acre.

Beans, dwarf, in drills.....	.2 bush.
Beans, pole, in drills.....	10 to 12 qts.
Beets, in drills.....	.5 to 6 lbs.
Cabbage, in beds, to transplant.....	$\frac{1}{2}$ lb.
Carrot, in drills.....	.3 to 4 lbs.
Corn, in hills.....	.8 to 10 qts.
Cucumber, in hills.....	.2 to 3 lbs.
Melon, Musk, in hills.....	.2 to 3 lbs.
Melon, Water, in hills.....	.4 to 5 lbs.
Onion, in drills.....	.5 to 6 lbs.
Onion (sets), in drills.....	.6 to 12 bush.
Parsnip, in drills.....	.5 to 6 lbs.
Peas, in drills.....	.2 to 3 bush.
Radish, in drills.....	.9 to 10 lbs.
Spinach, in drills.....	.10 to 12 lbs.
Squash (bush varieties), in hills.....	.5 to 6 lbs.
Squash (running varieties), in hills.....	.3 to 4 lbs.
Tomato (to transplant).....	$\frac{1}{4}$ lb.
Turnip, in drills.....	.1 to 2 lbs.

Showing the Quantities of Vegetable Seeds required for a given number of Plants, number of Hills, or Length of Drill.

Asparagus, 1 ounce....	60 feet of drill.
Beet, 1 ounce.....	.50 feet of drill.
Beans, dwarf, 1 quart.....	.100 feet of drill.
Beans, pole, 1 quart.....	.150 hills.
Carrot, 1 ounce.....	.150 feet of drill.
Cucumber, 1 ounce.....	.50 hills.
Corn, 1 quart.....	.200 hills.
Melon, Water, 1 ounce.....	.30 hills.
Melon, Musk, 1 ounce.....	.60 hills.
Onion, 1 ounce.....	.100 feet of drill.
Onion, sets, 1 quart.....	.40 feet of drill.
Parsley, 1 ounce.....	.150 feet of drill.
Parsnip, 1 ounce.....	.200 feet of drill.
Peas, 1 quart.....	.75 feet of drill.
Radish, 1 ounce.....	.100 feet of drill.
Spinauch, 1 ounce.....	.100 feet of drill.
Squash, Early, 1 ounce.....	.50 hills.
Turnip, 1 ounce.....	.150 feet of drill.
Cabbage, 1 ounce.....	.1,500 plants.
Cauliflower, 1 ounce.....	.1,000 plants.
Celery, 1 ounce.....	.2,000 plants.
Egg Plant, 1 ounce.....	.1,000 plants.
Lettuce, 1 ounce.....	.3,000 plants.
Tomato, 1 ounce.....	.1,500 plants.

*Farm Seed Table,

Showing the Quantity of Farm Seeds required to Sow an Acre.

Winter Wheat, broadcast.....	.2 to 2 $\frac{1}{4}$ bush.
“ “ drilled.....	.1 to 1 $\frac{1}{2}$ “
Spring Wheat, broadcast.....	.2 $\frac{1}{2}$ to 3 “
“ “ drilled.....	.1 $\frac{1}{2}$ to 2 “
Barley, broadcast.....	.2 to 2 $\frac{1}{2}$ “
“ drilled.....	.1 $\frac{1}{2}$ to 2 “
Oats, broadcast.....	.3 to 4 “
“ drilled.....	.2 to 2 $\frac{1}{2}$ “
Rye, broadcast.....	.2 “
“ drilled.....	.1 to 1 $\frac{1}{4}$ “
Orchard Grass (if sown alone, though it never should be sown except in mixture)..	.3 to 4 “
Timothy or Herds Grass (when sown with grain in the fall, to be followed with clover in the spring).....	.12 to 15 qts.
Timothy, without Clover.....	.16 to 18 qts.
Red Top, or Brown Top, broadcast.....	.3 bush.
Blue Grass, broadcast.....	.2 “
Hungarian Millet.....	.1 “
Golden Millet.....	.1 $\frac{1}{4}$ “

Red Clover, broadcast, after Timothy in the spring.....	.10 to 12 qts.
Red Clover, without other Grasses in the spring.....	.15 to 18 qts.
Lucerne, or Alfalfa, broadcast.....	.15 to 20 lbs.
“ “ drilled.....	.10 lbs.
White Clover, broadcast.....	.8 “
Field Corn, in hills, small varieties.....	.5 to 6 qts.
“ “ “ large “.....	.6 to 8 qts.
“ “ for fodder, sown in drills 3 $\frac{1}{2}$ feet wide and 1 foot apart.....	.2 bush.
Oats and Peas, when sown together for fodder.....	.2 bush. of each.
Beets and Mangels, in drills always, 30 inches apart.....	.6 to 7 lbs.
Carrots, in drills always, 24 inches apart.....	.2 to 3 lbs.
Turnips and Ruta Bagas, in drills 30 in. apart.....	.2 lbs.
Parsuips, in drills, 2 feet apart.....	.6 to 8 lbs.
Beans, in drills, 2 $\frac{1}{2}$ feet apart.....	.2 bush.
Peas, planted alone without any mixture, in drills 3 feet apart.....	.3 bush.
Potatoes, in drills 3 feet apart.....	.12 to 14 bush.

* The above carefully prepared Tables are taken from our new Farm Book, “How the Farm Pays.”

NOVELTIES IN FLOWER SEEDS for 1886

AND SPECIALTIES.

CHRYSANTHEMUMS.
LARGE FLOWERING CHINESE.

CHRYSANTHEMUMS.
JAPANESE.

NEW CHRYSANTHEMUMS.

The fashionable flowers to-day are Roses and Chrysanthemums, and the fantastic shaped flowers of the Japanese varieties of the last named plant, in particular, are much admired. The Chinese class are equally beautiful, but of an altogether different form, as will be seen on reference to illustrations above. As many of our amateur patrons delight in the raising of new varieties, we have procured from the best sources a supply of seed that has been saved from the choicest varieties in the following classes:

Double Chinese.....	50c. per pkt.
Double Japanese.....	50c. "
Double Pompon (small flowering).....	50c. "

CHRYSANTHEMUM CARINATUM
(TRICOLOR) "ECLIPSE."

CLEMATIS (JACKMAN'S).
LARGE FLOWERING HYBRIDS.

CHRYSANTHEMUM CARINATUM (Tricolor) "ECLIPSE."

A very showy variety, the form of the flowers somewhat resembling the well known Chrysanthemum Burridgeanum, but surpassing it greatly by its striking colors, which are pure golden yellow with a purplish scarlet ring or centre on the ray florets, the disk being dark brown. (See cut.) 15 cts. per packet.

CLEMATIS (Jackman's). Large Flowering Hybrids.

The Clematis divides with the Rose and the Chrysanthemum the honor of standing highest in popular favor. As nearly every one knows, they are hardy climbing plants of exquisite beauty, particularly well suited for piazzas, summer-houses and like situations. The flowers in the class we offer are borne on the young summer wood, and will average three inches in diameter, ranging through all conceivable shades of purple, violet, azure, porcelain, blue and white. *Hardy Perennial.* 10 feet. (See cut.) 25 cts. per packet.

EUCHARIDIUM BREWERI.

A rare and magnificent species, of dwarf, spreading habit and narrow, lance-like foliage. The color of the flower is a purplish rose shading to white in the centre. It is a profuse bloomer, and is as easy of cultivation as the Clarkia.

25 cts. per packet.

GLADIOLUS LEMOINEI HYBRIDS. HOLLYHOCK "CRIMSON PYRAMID."

GLADIOLUS LEMOINEI HYBRIDS.

We are able to offer this year seed of this beautiful and expensive section of Gladiolus, the bulbs of which sell at from \$1.00 to \$3.00 each. They differ from the *Gandavensis* sorts, in having distinct and almost round flowers of intense and striking colors and markings. The seed has been artificially fertilized, and may safely be expected to produce many new and remarkable varieties. Sown early they will flower the first year. *Half-hardy Perennial.* 3 feet. (See cut.) 25 cts. per packet.

NEW DWARF HOLLYHOCK, "Crimson Pyramid."

This new variety we offered plants of only in last year's catalogue, but as we succeeded in saving a quantity of seed last summer, we are able to offer in this way. "Crimson Pyramid" is different from all other Hollyhocks, in the fact that it grows only from 12 to 18 inches high, and is completely covered from base to summit with semi-double flowers of scarlet crimson, flowering from June to September. (See cut.) 25 cts. per packet.

BIRD'S MAMMOTH MIGNONETTE.

BIRD'S MAMMOTH MIGNONETTE.

The originators of this most distinct Mignonette have grown it for the past few years, for the exclusive purpose of supplying New York cut flower men with the spikes, which are of immense size, and of the most delicious fragrance. We are familiar with all varieties of Mignonette of recent origin, and do not hesitate to say that Bird's Mammoth is not only most distinct, but produces the largest and thickest spikes of bloom of any that we have seen. We have bought the entire stock, and the seed can only be obtained from us. (See cut.)

25 cts. per pkt. ; 5 pkts. for \$1.00.

PETUNIA, LARGE FLOWERING YELLOW-THROATED.

(*Petunia Grandiflora Intus Aurea.*)

These Petunias form a class of rare beauty, and come true from seed. The characteristics are very large sized flowers of perfect form, with a broad and deep yellow throat, veined very much after the manner of the *Salpiglossis*.

75 cts. per packet.

IMPATIENS SULTANA.

GAILLARDIA LORENZIANA.

IMPATIENS SULTANA.

A perennial Balsam, 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. The flowers are of brilliant rose-scarlet, from 1 to 1½ inches in diameter, and are produced singly or in twos or threes 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 both in sunshine and gas light. (See cut.)

Price, 25 cts. per packet.

DOUBLE GAILLARDIA, (*G. Picta Lorenziana.*)

Our illustration shown above conveys a true idea of this remarkable novelty, one of the best of recent years. 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. We have offered this Gaillardia for three or four years, and it has proved to be of such excellence that we deem it again worthy of a place in our specialties.

10 cts. per packet.

CALCEOLARIA HYBRIDA STRIATA.

As will be seen by the above illustration, the markings of the flowers of the new striped Calceolarias closely resemble those of the Bizarre Carnations. The striped Calceolarias present a pleasant and interesting deviation from those at present grown. About one-third of the plants from seed may be expected to produce striped flowers. In plants of the true type both the flower buds and the seed pods are striped.

75 cts. per packet.

COSMOS HYBRIDUS.

COSMOS HYBRIDUS

A magnificent race of plants which attain a height of nearly five feet, and which in the fall months are literally covered with flowers which closely resemble single Dahlias. The original Cosmos consisted of only one color, but the flowers of these new Hybrids are from one to two inches in diameter, and range through all shades of rose, purple, flesh color and pure white, and are excellent for cutting. At this time (October) we have a row of these plants in full bloom, and they present a gorgeous sight. They are easily raised from seed, and bloom the first season.

C. Bipinnatis Hybridus Grandiflorus, mixed, 25 cts. per pkt.

NASTURTIUM, "EMPRESS OF INDIA."

NASTURTIUM, "EMPRESS OF INDIA."

The plant is of very dwarf habit, with dark tinted foliage, while the flowers are of the most brilliant crimson color, so freely produced that no other annual in cultivation can approach it in effectiveness. So highly was this Nasturtium considered, that the Royal Horticultural Society of London awarded it a first-class certificate, an award never given except to novelties of undoubted merit. 15 cts. per packet.

NEW TEN WEEKS STOCK "SNOWFLAKE."

NEW FORCING TEN-WEEKS STOCK "SNOWFLAKE."

A dwarf growing, large flowered, wall-flower-leaved Stock, which produces a vigorous main spike of uncommonly large and very double snow-white flowers, and when fully grown, numerous flowering side shoots also. "Snowflake" is the earliest white, and one of the earliest of all Ten Weeks Stocks, and is admirably adapted for forcing. Seed produces about 60 per cent. of plants having double flowers.

50 cts. per packet.

TYPE OF HENDERSON'S PREMIER PANSY.

HENDERSON'S PREMIER PANSY.

To describe the many and wonderful variety of markings the flowers of this section 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 petals carmine edged with white; others, deep yellow for ground color with dark centre blotch of crimson maroon; and still others with the ground color deep blue, yellow centre, surrounded by a dark blotch; and other striking and beautiful types. Price, 50 cts. per packet.

"The White Plume Celery is certainly a most distinct variety, and, as I have shown, it merits culture for many reasons."

J. MUIR, in "Gardener's Chronicle," London, England.

SESBANIA GRANDIFLORA.

SESBANIA GRANDIFLORA.

A magnificent novelty from Western Australia, and a plant well suited for green-house culture. The pure white flowers are of the largest size, being individually fully three inches long, of the odd and peculiar form shown in the above illustration.

50 cts. per packet.

PHLOX DRUMMONDI COCCINEA FL. SEMIPLENO.

PHLOX DRUMMONDI COCCINEA FL. SEMIPLENO.

We already have any number of varieties of this popular annual, but we believe this is the first ever introduced with semi-double and double flowers. The plant is of very compact habit, and the trusses and individual flowers are equal in size to those of the single varieties. The doubleness of the flowers is formed by an addition of 4 to 6 petals in the middle or tube of the flower, which, according to the season, is sometimes more or less dense. Very often double and single flowers will be found on the same truss. True from seed. (See cut.)

50 cts. per packet.

MARIGOLD, "EL DORADO" SELECTION.

NEW AFRICAN MARIGOLD.

"El Dorado" Selection.

The best description of these beautiful Marigolds will be found in the annexed fine illustration, which perfectly portrays the form of the flowers, which are often three and a half to four inches in diameter, some being fringed and laced. The colors comprise four shades of yellow, ranging from the palest primrose, then lemon, then golden yellow, and then deepest orange. They are of the easiest culture, blooming freely. We have had plants with over fifty flowers open at one time.

25 cts. per pkt ; 5 pkts.
for \$1.00.

TYPE OF TRIMARDEAU PANSY.

TRIMARDEAU PANSIES.

(Viola Tricolor Maxima.)

An altogether distinct and beautiful new class of Pansy, the flowers of which are of very large size—in fact, larger than anything hitherto attained in the genus. Each flower is marked with three large blotches or spots, and the plants may be expected to produce the same endless variety and beautiful shades of color that are found in other classes of this popular plant.

50 cts. per packet.

HUMULUS JAPONICUS.

HUMULUS JAPONICUS.

This is a new annual Hop from Japan, which is said to be not only very ornamental, but also an extremely rapid growing climbing plant. The foliage resembles in shape that of the common Hop, but has more incisions, the foliage green, stems and leaves somewhat rough and hairy. The most valuable characteristic of this new climbing plant is that it can be sown in the open ground in spring, and attains a very large size in a very short time. It thoroughly withstands heat, drought and insects, retaining its fresh and lively green color until late in the fall. (See cut.) 50 cts. per packet.

RHODANTHE MACULATA FLORE PLENO.

(New Double Flowering Rhodanthe.)

Beauty and utility are combined in this new everlasting flower. The plant grows a foot high, and produces in abundance perfectly double rosy carmine flowers of the form shown in our engraving. About 40 per cent. of the seedling plants will produce double flowers.

25 cts. per packet.

PHACELIA CAMPANULARIA.

Among all the novelties in flowers introduced in recent years, this lovely new species stands out as one of the very best and most distinct. It is a native of California, and resembles in habit *Whitlavia grandiflora*, but it has a more spreading and bushy habit of growth, and is much more free flowering. The beauty of the plant consists in its large deep blue flowers, which are produced in the greatest profusion.

Price, 50 cts. per pkt.

NEW SWEET PEAS.

These old garden favorites are grown with so little trouble, that when the class is enriched by the addition of varieties that are entirely different from what we are familiar with, it is a great gain. The three new sorts described below we consider the best lately introduced.

Crown Princess of Prussia. Blush shading to rose. 10c.**Queen of the Isles.** Scarlet; flushed and mottled with white; wings flaked and margined rosy purple. 10c.**Miss Ethel.** Delicate pink flushed with crimson; blush wings. 10c.

One packet of each of the 3 sorts for 25c.

NEW POMPONE ZINNIAS.

Our cut gives only a fair idea of the shape of the flowers of this beautiful new strain, and the colors of which are exceedingly bright and showy, embracing all the shades of crimson, yellow, purple, white, rose and orange usually found in the Zinnia. The flowers are just about half the size of the ordinary Zinnias, and are most distinct and beautiful. When in bloom the past season it attracted a great deal of attention.

15 cts. per packet.

ABRONIA.

ABUTILON.

AMPELOPSIS VEITCHII.

AMARANTHUS HENDERI.

AGERATUM.

Whether grown for summer flowers or used for winter blooming, this plant keeps up an almost constant bloom, from early summer until the ensuing early spring. It has the further merit of being of the easiest culture. *Half-hardy Annuals.*

Ageratum Mexicanum.	Lavender blue, 2 ft.	5
— Nanum.	Dwarf, blue variety, 15 in.	5
— Dwarf, Tom Thumb.	Rarely exceeds six inches in height, blue.	5
— 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. *Hardy Annuals.*

Adonis Æstivalis.	(Flos Adonis.) Scarlet, 1 ft.	5
— Autumnalis.	(Pheasant's Eye.) Crimson, 1 ft.	5

AGROSTEMMA.

(Crown of the Field.)

Free flowering and attractive.

Agrostemma Cœli Alba.	Pure white, 1 ft.	5
— Rosea.	(Rose of Heaven.) Rose, 1 ft.	5
— Coronaria.	(Rose Campiou.) 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. *Half-hardy Annuals.*

Alonsoa Grandiflora.	Bright scarlet, 1½ ft.	5
— Linifolia.	Flowers beautiful scarlet, 1½ ft.	10

ALYSSUM.

Whether grown 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, makes this old favorite largely grown.

Alyssum, Sweet.	Flowers white, 1 ft.	5
— Benthami Compactum.	This new sort never grows over six inches high, and is thickly studded with small flower spikes of pure white.	10
— Saxatile Compacta.	(Rock or Golden Alyssum.) Showy yellow, ¾ ft.	5
— Wiersbeckii.	White and yellow. 1 ft.	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. *Half-hardy Annuals.*

Amaranthus Atropurpureus.	Blood-red foliage, drooping flower spikes; 2 ft.	5
— Bicolor Ruber.	Foliage green and dark red, tipped with yellow; 3 to 5 ft.	5
— Caudatus.	(Love-lies-Bleeding.)	5

Amaranthus Henderi. This presents 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.) Gracefully drooping, willow shaped leaves. In the later stages of its growth the leaves are brilliantly banded and tipped with orange, carmine and bronze. 10

— **Tricolor** (Joseph's Coat). Leaves red, yellow and green; 3 ft. 5

— **Tricolor Giganteus.** A larger growing variety of the above. 5

AMMOBIUM.

(Winged Ammobium.)

A leading everlasting flower, bearing white flowers. *Hardy Annual.*

Ammobium Alatum. Flowers an inch in diameter, white; 2 ft. 5

— **Grandiflorum.** Pure white, and double the size of the preceding; largely used as a dried or everlasting flower in winter bouquets, etc. 10

AMPELOPSIS.

A. Quinquifolia ("Virginia Creeper"). One of the best climbing plants for permanent situations, as it is perfectly hardy, clinging to the sides of whatever it may be grown against by the rootlets which it throws out all along the stems. In the Autumn the dark green foliage assumes beautiful tints of orange, crimson, etc. 50 to 100 ft. 10

A. Veitchii. (Sometimes called "Japanese Ivy" and "Boston Ivy.") 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. (See cut.) Perfectly hardy. 10

ANAGALLIS.

(Pimpernelle.)

Useful in rock work or borders, where low growing plants are mostly used. *Half-hardy Annuals.*

Anagallis Grandiflora Sanguinea. Ruby red, ½ ft. 10

— **Grandiflora Cœrulea.** Sky blue flowers, ½ ft. 10

ANCHUSA.

(Italian Bugloss.)

One of the few plants that will do well in shaded situations. *Hardy Perennial.*

Anchusa Italica. Blue, 2 ft. 5

ANEMONE. (Windflower).

A 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.

A. Coronaria. Mixed colors, as above, 1 ft. 10

ANTIRRHINUM.

AQUILEGIA CEREULEA HYBRIDA.

CLIMBING ASPARAGUS.

AURICULA.

ANTIRRHINUM MAJUS.

(Snap-Dragon.)

Per Pkt.

Unsurpassed for summer and fall flowering. The strains we sell are particularly fine, and will fairly vie with the Carnation in the variety of their stripes and spots. *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. (See cut.) 10
 — **Nanum Picturatum.** A new and distinct race, of great beauty and variety of color; 2 ft. 10

ANGELONIA.

Equally desirable as a pot plant for the parlor or greenhouse 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 if sown early.

A. Grandiflora. Described above. 25
 — **Atropurpurea.** A distinct new variety, bearing long spikes of fragrant brown violet flowers; 18 in. 25

AQUILEGIA.

(Columbine.)

The odd and peculiar formation of the flowers of this plant renders them well worthy of cultivation. They are exceedingly showy and rank among the best plants for early summer blooming. *Hardy Perennials.*

Aquilegia Alba Flore Plena. Double white, 1½ ft. 10
 — **Chrysantha.** (Golden Spurred Columbine.) A beautiful variety. Flowers bright yellow, produced freely all summer, 4 ft. 10
 — **Californica Hybrida.** Flowers large; the centre petals are golden yellow, and form a marked contrast to the deep orange red of its sepals and spurs; 2 ft. 15
 — **Cerulea Hybrida.** The centre 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.** The flowers having partly double yellow and partly double white corollas, may be best described by comparing them to double Fuchsias, as they resemble them. About 80 per cent. come true from seed. 25
 — **Mixed Double.** All colors. 10
 — **Single.** All colors. 5

ARABIS.

(Rock Cress.)

One of the earliest blooming plants, and well adapted for borders and rock work. *Hardy Perennials.*

Arabis Alpina. White, ¾ ft. 10

ARCTOTIS.

An interesting genus; natives of the Cape of Good Hope. *Half-hardy Annuals.*

Arctotis Breviscarpa. Bears large orange-colored flowers with dark centre, 1½ ft. 5
 — **Grandiflora.** Silver-gray foliage. Flowers yellow, having orange crimson centre, 1 ft. 5

ARDISIA.

Per Pkt.

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. 15

ARGEMONE.

(Prickly Poppy.)

Very showy plants, with large poppy-like flowers. *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 hardy 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. *Hardy Perennial.*

A. Sipho. 10

ARMERIA.

(Thrift, Sea-Pink.)

A very hardy plant, largely used for edging; plant compact and beautiful. *Hardy Perennial.*

A. Maritima. Rosy pink, ½ ft. 10

ASPARAGUS.

(Climbing Asparagus.)

A. Broussoneti. This hardy climber is of slow growth and germination; but its rich green feathery foliage, especially when loaded in the fall with bright scarlet berries, amply repays the gardener's patience. (See cut.) *Hardy Perennial.* 10 to 20 ft. 10

ASPERULA.

(Wood Ruff.)

This hardy annual attains a height of 12 inches, bearing beautiful light blue flowers, sweet scented.

Asperula Azurea Setosa. Blue, 1 ft. 5

AUBRIETIA.

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.

Aubrietia Græca. Lilac. ½ ft. *Hardy Perennial.* 10
 — **Purpurea.** Purple. ½ 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.

Auricula. Finest mixed. (See cut.) ½ ft. 25

PERFECTION ASTER.

VICTORIA ASTER.

CROWN ASTER.

BETTERIDGE'S QUILLED ASTER.

ASTERS, CHINA.

Per Pkt.

It seems scarcely necessary to speak of the merits of such a universally grown plant as this; 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 this season for the first time grow them. *Half-hardy Annuals.*

- Aster, China.** Fine mixed..... 5
- **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. The flowers are of fine form and brilliant colors, 2 ft. Finest mixed. [See cut.]..... 10
- **Truffaut's Pæony-Flowered.** Very double, of fine form, round as a ball; produces few side flowers; 1½ ft. in height; many colors, mixed 10
- **Pæony-Flowered Perfection.** Flowers large and double, the petals beautifully incurved; one of the best in every respect; mixed, 2 ft. [See cut.]..... 15
- **Dark Blue**..... 15
- **Azure Blue**..... 15
- **Dark Crimson**..... 15
- **Bright Rose**..... 15
- **Pure White**..... 15
- Pæony-Flowered Globe**..... 10
- 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..... 10
- **Fiery Scarlet**..... 15
- **Snowstorm.** Pure white..... 15
- **Dark Blue**..... 15
- **Azure Blue**..... 15
- **Rose and White**..... 15
- **Dwarf Pyramidal Bouquet.** Height from 12 to 15 inches; a very fine variety; mixed colors 10
- **Crown, or Cocardeau.** A very handsome variety with large flowers, the centres 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..... 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..... 15
- **Victoria Sulphur Yellow.** A new color in this beautiful class..... 25
- **Dwarf.** Same color as above, but plant grows dwarfier..... 25
- **Washington.** One of the finest and largest varieties in cultivation. Well grown flowers measure 5 inches in diameter. Mixed colors..... 15

For Collections of Asters see page at end of this Flower Seed List.

AZALEA.

Per Pkt.

A splendid green-house plant, the varieties of which are now almost numberless, running through nearly every known shade of color.

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. *Half-hardy Annual.*

Cardiospermum Halicacabum. White, 5 ft. 5

BALSAM.

(Lady's Slipper, Touch-me-not.)

Besides the grand strain of Balsam, known as Henderson's Superb, 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. 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 successive trials. The individual flowers are of the largest size, exceedingly double, and of great and varied beauty. The seed of Balsam should be sown in dwelling-house or green-house 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 snow white 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

- **Double Camellia-Flowered.** Finest mixed, 2 ft. 5
- **Double Mauve** 10
- **Double Pink**..... 10
- **Double White**..... 10
- **Double Scarlet**..... 10
- **Double Crimson Spotted**..... 10

BEGONIA REX.

BELLIS PERENNIS FL. PL.

BIGNONIA.

BOCCONIA.

BALSAM.—Continued.

	<i>Per Pkt.</i>
Balsam, 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.....	10

For Collections of Balsams see page at end of this Flower Seed List.

BAPTISIA.

(False Indigo.)

A beautiful herbaceous plant, flowers bright blue, pea-shaped, borne on spikes 6 inches long. *Hardy Perennial.*

Baptisia Australis. Blue.....	10
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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. *Hardy Annual.*

Bartonia Aurea. Golden yellow, 2 ft....	5
— Nana. A dwarf-growing variety, 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.

Begonia Rex. Beautiful ornamental leaved pot plants, mixed varieties. (See cut.).....	25
— Rubra. A splendid winter flowering 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 Sorts. 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 will be found lovely shades of all colors. Take up after the frost has killed the foliage, and keep the bulbs in a warm, dry place.	
Tuberous Rooted Begonia, mixed, single.....	25
“ “ “ “ double.....	50
“ “ “ “ Mt. Blanc (single white)....	25

BELLIS.

(Double Daisy.)

An old favorite, and one of the most charming spring flowers. In bloom from April to June. *Half-hardy Perennials.*

Bellis Perennis fl. pl. Finest mixed, ½ ft. (See cut.).....	15
— Alba fl. pl. Pure white double Daisy.....	15
— Longfellow. A fine large flowering double Daisy, with dark rose flowers.....	25

BERTOLONIA.

Per Pkt.

B. Velutina. A plant from South Africa bearing spikes six inches high of pink blossoms. The foliage is a rich olive crimson.....50

BIGNONIA.

(Trumpet Creeper.)

B. Grandiflora. A rapid growing hardy climbing plant, well suited for trellises, &c., as it clings by tendrils. The flowers, dark red and orange, are of trumpet shape, and borne in large clusters in the fall. (See cut.) *Hardy Perennial.* 40 to 60 ft.....10

BOCCONIA.

B. Japonica. The stately habit of this plant renders it most effective for lawn decoration. The foliage is large and finely cut, and for situations where single specimen plants are desired it can hardly be surpassed. Also well adapted for pot culture. *Herbaceous Perennial.* 5 to 8 ft. (See cut.).....10

BRACHYCOME.

Dwarf-growing plants, covered all summer with a profusion of Cineraria-like blooms. *Half-hardy Annuals.*

Brachycome Iberidifolia. (Swan River Daisy.) Mixed blue and white, ½ 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.

This is now considered indispensable in all massing and ribbon-line gardening, in fact for all bedding purposes it is used almost as freely as the Coleus. *Half-hardy Annuals.*

Browallia Elata Cœrulea. Blue, 1½ ft.....	5
— — — Alba. White, 1½ ft.....	5
— — — Roezlii. Mixed colors, blue and white; flowers double the size of the preceding sorts.....	10

CACALIA.

(Tassel Flower.)

A popular annual, free flowering and hardy. Flowers tassel-shaped, yellow and scarlet.

Cacalia. Mixed colors, 1½ 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.

Calampelis Scaber.....10

The seeds came in excellent order, and we are much pleased with them. Have planted half the lot, and nearly all are up and doing finely. Thanking you for your courtesy in filling the order so promptly, I remain, yours respectfully,
MAYER, ARIZ., April 5th, 1885.
GEORGE E. BROWN.

CALCEOLARIA SUPERBA.

CAMPANULA CALYCANTHEMA.

CARNATION, DOUBLE GERMAN.

CARNATION, GRENADIN.

CALANDRINIA.

Per Pkt.

Creeping plants, well suited for planting in rock work or similar situations, where they bloom freely. *Hardy Annuals.*

- Calandrinia Grandiflora.** Rosy pink, 1 ft. 5
— Umbellata. Violet crimson, ½ 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
— Officinalis "Meteor." A newer variety, very fine for pot culture, bearing large light yellow flowers, striped with bright orange. 5
— Ranunculoides fl. pl. (Garden Marigold.) Double orange, 1 ft. 5
— Prince of Orange. It is a very marked improvement on the parent (Meteor) sort, the florets being striped with a more intense shade of orange, and this glowing tone is imparted to the whole flower. 10

CALCEOLARIA.

One of the grandest plants in existence. Their dense mass of beautiful pocket-like flowers are formed in spring and summer.

- Calceolaria Hybrida Superba.** From the finest formed and most beautifully spotted and mottled varieties, 1½ ft. (*See cut.*) 50
— 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; finely spotted and marked. 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 our best annuals. *Hardy Annuals.*

- Calliopsis.** Mixed, 2 ft. 5
— Atrosanguineum. Dark crimson. 5
— Drummondii. Yellow. 5
— Tinctoria. (Bi-color.) Yellow and brown. 5

CALLIRHOE.

While the plants are yet very small this begins to bloom profusely, continuing throughout the summer and fall. *Hardy Annuals.*

- Callirhoe Involucrata.** Dark purplish crimson, 1 ft. 5
— Pedata. Crimson purple, with white eye, 2 ft. 5

CAMPANULA.

(Bell Flower.)

A favorite class of plants, containing both annuals, biennials and perennials.

- Campanula Carpatica.** Mauve. *Hardy Perennial*, 1 ft. 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

	Per Pkt.
Campanula Media. (Canterbury Bells.) Double blue.	5
— — — — — Single blue.	5
— — — — — Double white.	5
— — — — — Single white.	5
— — — — — Double mixed.	5
— — — — — Single mixed.	5
Calycanthema Cœrulea. Blue.	10
— — — — — Alba. White.	10
— Rosea. "Piuk Canterbury Bell." The class	
<i>C. Media Calycanthema</i> , 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). (<i>See cut.</i>)	15
— Pyramidalis. Blue. <i>Hardy Perennial</i> , 3 ft.	5
— Pyramidalis Alba. White. <i>Hardy Perennial</i> , 3 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.	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. *Half-hardy Annual.*

- Canary Bird Flower.** Yellow, 10 ft. 10

CARNATION.

(Dianthus Caryophyllus.)

Carnation, Extra Choice Bizarre. Saved from an unequalled collection of named flowers, which will produce a fine assortment of superbly colored varieties, including flakes, bizzarres and selfs; 1 to 2 ft. 50

- Perpetual, or Tree.** From the best collection extant, and may be expected to produce beautiful new varieties, of various colors, and of the highest merit, 2 ft. 50
— Grenadin. It blooms much earlier than any other Carnation, and produces 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
— Picotee. Edges of petals bordered with various colors; mixed colors. 50
— Monthly, Fine Double German, Mixed. From named flowers. (*See cut.*) 25
— Double Mixed. For border culture. 1 to 2 ft. 10

CASTOR-OIL BEANS. (See Ricinus.)

CATCHFLY.

(Silene Armeria.)

Free blooming hardy annuals of the easiest culture.

- Catchfly, Red.** 1½ ft. 5
— White. 1½ ft. 5
— Rose. 1½ ft. 5
— Mixed. 5

CANNA.

CELOSIA GLASGOW PRIZE.

CELOSIA JAPONICA.

CENTAUREA CLEMENTEI.

CANDYTUFT.

(Iberis.)

Per Pkt.

One of the most popular hardy annuals; almost equally so as Sweet Alyssum; like it, it is of the easiest culture.

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. Produces a mass of vivid carmine blooms.....	10
— Fine Mixed. 1 ft.....	5
— Perennial. (<i>I. Sempervirens.</i>) White, 1 ft.....	10

NEW TOM THUMB.

(Iberis Hybrida Nana.)

This new class grow only from 4 to 6 inches high. Sown early they will bloom in June, and will produce large flower heads continuously until cut down by frost. Invaluable for edgings. We offer seed in separate colors, as below.

Alba. White.....	10
Carnea. Flesh color.....	10
Purpurea. Purple.....	10
Rosea. Rose.....	10
Mixed. All colors.....	10

CEDRONELLA.

Long spikes of flowers, remaining a long time in bloom, with fragrant foliage.

Cedronella Cana. Purple, 2 ft.....	10
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CELOSIA.

Annual plants of tropical origin, and one of the most satisfactory and showy plants for garden decoration. The "Plumosa" sorts bear in the greatest profusion spikes of beautiful feather-like blooms. The "Cristata" sorts are the well known Cockscombs. *Half-hardy Annuals.*

Celosia Plumosa Aurea. Golden yellow plumes, very fine, 3 ft.....	10
— Plumosa Coccinea. Rich carmine, 3 ft.....	10
— Cristata Variegata. (Variegated Cockscomb.) A strikingly beautiful variety, bearing brilliant combs of crimson and gold, 3 ft.....	10
— Cristata. (Cockscomb.) Dwarf, crimson, fine, 1 ft....	5
— Golden Beauty.	15
— Dwarf Yellow.	5
— Dwarf Mixed. (Cockscomb.) 1 ft.....	5
— Japonica. (Japanese Cockscomb.) A branching variety of great beauty. The branches are scarlet or crimson; the combs are almost as delicately cut as ruffled lace, often in pyramidal masses. (<i>See cut.</i>).....	10
— Glasgow Prize. An improved Cockscomb, producing large blooms of dark crimson. (<i>See cut.</i>).....	15

CANNA.

(Indian Shot.)

Per Pkt.

With foliage of tropical luxuriance, this plant is particularly suitable for forming groups on lawns, or placed as a background 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. *Half-hardy Perennials.*

Canna Marechal Vaillant. Splendid variety, orange, 4 to 6 ft.....	10
— Musæfolia Hybrida. Red, foliage resembling a small banana, 2 ft. (<i>See cut.</i>).....	10
— Nepalensis. Clear yellow, green foliage, 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.	5

CASTILLEJA.

C. Indivisa. This plant attains a height of 1½ ft., and is surmounted by a dense mass of scarlet bracts. It is wondrously beautiful. *Half-hardy Annual.*.....25

CENTAUREA.

(Dusty Miller.)

All the varieties here named, except *C. Americana* and *C. Cyanus*, are among the best silver-foliaged plants in cultivation. *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:	
— Dark Blue.	5
— Sky Blue.	5
— White.	5
— Rose.	5
— Mixed.	5
— Candidissima. 1 ft. The dwarfiest silver-leaved plant used for ribbon lines.....	25
— Clementei. Free-growing variety, producing crowns of silvery leaves, deeply fringed and cut; 1 ft. (<i>See cut.</i>).....	15
— Gymnocarpa. A graceful silver-foliaged variety, one of the best for bedding purposes; 1½ ft.....	15

CENTRANTHUS.

Compact-growing plants, blooming freely. *Hardy Annuals.*

Centranthus. Mixed, red and white, 1½ ft.....	5
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CERASTIUM.

Silver-leaved plants, very suitable for edgings and rock work. *Hardy Perennials.*

Cerastium Biebersteinii. Leaves silvery white, ¼ ft....	10
— Tomentosum. Gray-colored leaves, ¼ ft.....	10

CERINTHE (Honeywort).

The blossoms of these showy annuals secrete honey largely, which makes them much resorted to by bees.

Cerinthe Aspera. Golden yellow, 1 ft.....	5
— Gymnandra. Yellow and brown, 1 ft.....	5

CLARKIA ROSEA FL. PL.

CHRYSANTHEMUM THE SULTAN.

CINERARIA HYBRIDA.

CLEMATIS COCCINEA.

CLARKIA.

Per Pkt.

An old favorite, the varieties of which are described below.
Hardy Annual.

- Clarkia Rosea fl. pl.** Beautiful double variety. (*See cut.*)
1½ ft. 5
— **"Mrs. Langtry."** Snow-white, with a well defined disc or centre of brilliant crimson 5
— **Integripetala.** Rosy crimson, large and handsome, 1½ ft. 5
— **Pulchella.** Deep rose, 1½ ft. 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.

- 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 colors have the appearance of being laid on with a brush, and for this reason they are frequently called "painted daisies."

- Chrysanthemum Burrigeum.** Crimson, white centre. *Hardy Annual.* 1 ft. 5
— **Venustum.** White, crimson centre. *Hardy Annual.* 1 ft. 5
— **Lord Beaconsfield.** A rich crimson maroon, edged and striped with gold, and having a golden rim surrounding the rich brown eye 10
— **The Sultan.** A rich crimson maroon, with gold-colored rim, about a quarter of an inch deep, next the centre. (*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 10
— **Carinatum "Eclipse."** (*See Novelties.*) 15
— **Coronarium.** Double white. *Hardy Annual.* 2 ft. 5
— **Double Yellow.** *Hardy Annual.* 2 ft. 5
— **Sulphureum fl. pl.** Produces pretty double flowers of a delicate lemon shade 15
— **Inodorum Plenissimum.** Dwarf growing, double white variety, very free flowering and beautiful for pot culture 10
— **Mixed Annual Varieties.** 5
— **Frutescens Grandiflorum.** ("The Marguerite" or "Paris Daisy.") Immense quantities are grown by French florists, and find a ready sale. It produces freely its large white star-like flowers under the most unfavorable conditions 15
— **Large Double Chinese.** (*See Novelties.*) From new varieties 50
— **Double Pompone.** (*See Novelties.*) From new varieties 50
— **Japanese.** (*See Novelties.*) From new varieties 50
— **Indicum.** (*Large-flowering Chinese.*) Extra fine double mixed. *Half-hardy Perennial.* 3 ft. 15

- Chrysanthemum Indicum Nanum.** (Dwarf Pompone.) Choice double mixed. *Half-hardy Perennial.* 1 ft. 15
— **Japonicum.** The Japanese long-petaled or fringed varieties now so popular. Mixed colors. 15
— **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 15

CINERARIA.

The class known as *C. Hybrida* is a very attractive greenhouse plant, and is justly much admired. The varieties *C. Maritima* and *Acanthifolia*, also offered, are altogether different, having no beauty in the flowers, being cultivated for their silvery foliage, which makes them the finest plants for ribbon lines and masses that are grown.

- Cineraria Hybrida.** Extra choice mixed colors. From prize varieties. (*See cut.*) 2 ft. 50
— **New Dwarf.** Finest mixed, 1 ft. 25
— **Good.** Mixed 25
— **Double Flowering.** They are representatives of all the modifications of color usually found among the Cinerarias. Mixed 75
— **Maritima.** An ornamental-foliaged plant, with large silvery leaves 10
— **Acanthifolia.** White leaved, for ribbon lines 10

CLEMATIS.

(*Virgin's Bower.*)

Well known hardy climbing plants.

- Clematis (Jackman's) Large Flowering Hybrids.** (*See Novelties.*) 25
— **Coccinea.** A slender growing hardy climbing plant. Its tubular flowers, freely produced, are distinct and beautiful. On the outside the color is deep vermillion, and in the interior yellow. *Hardy Perennial.* (*See cut.*) 8 to 12 ft. 25
— **Flammula.** White, fragrant, 15 ft. 10
— **Virginiana.** Green, 15 ft. 10

CLIANTHUS.

(*Australian Glory Pea.*)

Magnificent plants, which should be grown in light, rich soil.

- Clianthus Dampieri.** Flowers in clusters, drooping, pea-shaped, several inches in length, of a brilliant scarlet, with intense black spots in the centre of each flower, 4 ft. 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
— **Puniceus.** (New Zealand Parrot's Bill.) A free flowering variety with blood-red flowers, spotted with white, nearly 3 inches long. Can be grown as a climber, and is a fine plant for the greenhouse or conservatory. *Half-hardy Perennial.* 3 to 6 ft. 25

FERNWOOD FARM, CAZENOVIA, N. Y., December 20th, 1885.

"How the Farm Pays" adds another to the many useful volumes you have sent out to aid in the industries of the soil, and they are all helps to toilers.
L. W. LEDYARD.

CLINTONIA.

CONVOLVULUS MAURITANICUS.

CYCLAMEN GIGANTEUM.

CYPERUS ALTERNIFOLIUS.

CLINTONIA.

Per Pkt.
Dwarf growing plants for summer flowers; the colors run through various shades of blue, purple, white, striped, etc. The low growing habit of this plant makes it well suited for rock work, and kindred planting. *Hardy Annuals.* 6 inches. (See cut.).....10

COBÆA.

A fine summer climbing plant, quick growing, and bearing large bell-shaped flowers. In sowing place the seed edgewise. *Half-hardy Perennial.*
Cobæa Scandens. Purple, 20 ft.....10
— **Alba.** A pure white flowering variety of the above.....25

COCCINEA.

A handsome climbing gourd, with glossy foliage and scarlet fruit. *Half-hardy Perennial.*
Coccinea Indica. Scarlet, 10 ft.....10

COCKSCOMB. (See Celosia Cristata.)**COLEUS.**

We have this season saved seed from the very finest new Hybrid Coleus, which is certain to produce splendid varieties.
Coleus, Choicest New American Hybrids. Mixed.....50
— **Fine Mixed**.....25

COLLINSIA.

Very pretty plants, with purple, blue and white flowers. *Hardy Annuals.*
Collinsia. Mixed, 1½ ft.....5

COLLOMIA.

Used for border beds; flowers buff colored. *Hardy Annuals.*
Collomia Grandiflora. 1 ft.....5

CONVOLVULUS.
(Morning Glories.)

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 Supcrbus. Beautiful golden yellow, 6 ft.....10
— **Major.** We this season offer the following distinct kinds, white, dark blue, blood-red, striped rose and mixed. Each.....5
— **Tricolor, Roseus.** The centres of its rose-colored flowers are pure white, fringed with purple, and shading away toward the throat in five broad bands of golden yellow.....5
— **Minor Tricolor.** Violet, purple, and white, 1 ft.....5
— **Minor Unicaulis.** A variety of upright growth, with compact heads of rich purplish-blue flowers.....5
— **Minor. Crimson Violet**.....5
— **Mauritanicus.** Beautiful for hanging baskets and vases; flowers blue. *Hardy Perennial.* (See cut.).....10

COSMIDIUM.

Per Pkt.
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. *Hardy Perennial.*
Cowslip. Fine mixed English, ¾ ft.....5

CRUCIANELLA.

A very pretty free-flowering plant, useful for rock work and vases. *Hardy Perennial.*
Crucianella Stylosa. Pink, from Persia, 1 ft.....5

CUPHEA.

Commonly called "Lady's Cigar Plant." This variety is a decided improvement on the old sort.
Cuphea Roezlii Grandiflora Superba. Grows 3½ feet high, and studded during winter with countless red blossoms.....15

CYCLAMEN.

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. *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.** 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.....75
— **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 unrivaled tint. Awarded two first-class Certificates in England.....75

CYPERUS.**(Umbrella Plant.)**

C. Alternifolius Variegatus. A strikingly handsome foliage plant, equally well adapted for the green-house or open ground, and easily raised from seed. The plant throws up a number of round stems, from 1 to 2 feet high, which are topped by flat long leaves resembling an open umbrella frame. The leaves are striped with white, giving the plant a distinct appearance. *Half-hardy Perennial.* 1 to 2 ft. (See cut.).....15

DAHLIA.

DELPHINIUM CASHMERIANUM.

DIANTHUS SCOTICUS.

DIGITALIS.

CUCUMIS.

Per Pkt.

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

A popular annual climbing plant, with delicate fern-like foliage. *Half-hardy Annuals.*

- Cypress Vine.** Scarlet, 15 ft..... 5
 — White, 15 ft..... 5
 — Rose, 15 ft..... 5
 — **New Ivy-Leaved.** Ivy-shaped leaves and slender stems of a violet hue. Flowers scarlet, produced in profusion.10

DAHLIA.

Saved from our magnificent collection, comprising almost every known shade of color. *Half-hardy Perennials*, 4 to 6 ft.

- Dahlia.** Double. Fine mixed.....10
 — **Extra Fine.** Double. (From our own collection.)
 (See cut.).....25
 — **New Single.** 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.....25

DATURA.

(Trumpet Flower, Angel's Trumpet.)

Hardy Annual with double purple and white flowers, attaining a height of 3 ft.

- Datura Fastuosa Huberiana**.....10

DELPHINIUM.

(Perennial Larkspur.)

Delphinium Nudicaule. Its dwarf, compact habit, taken in connection with the novel and striking scarlet of its flowers, renders it peculiarly valuable; 1½ ft.....15

- **Cashmerianum.** In this 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.).....15

- **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

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. Barbatulus* is the well known Sweet William. *D. Chinensis* and varieties are known as Indian Pinks, perhaps one of the most beautiful class of plants existing. *D. Heddewigii* and *Diadematus* are splendid sorts, with flowers averaging 3 inches in diameter, and of the most brilliant colors.

ANNUAL VARIETIES.

- Dianthus Chinensis fl. pl.** (China or Indian Pink.)
 Finest double mixed. *Hardy Annual*, 1 ft..... 5
 — **Alba Flore Plena.** Double white. *Hardy Annual*,
 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.....10
 — **Imperialis fl. pl.** (Double Imperial Pink.) Fine mixed. *Hardy Annual*.....10
 — **Laciniatus.** A beautiful fringed variety; various colors. *Hardy Annual*, 1 ft..... 5
 — **Laciniatus Flore Pleno.** A double variety of the preceding; very fine.....10
 — **"Eastern Queen."** Beautifully marbled; the broad bands of rich mauve upon the paler surface of the petals are very striking and pretty.....10
 — **"Crimson Beile,"** as its name implies, is of a rich crimson color, flowers of very large size and substance, evenly and finely lacinated.....10

PERENNIAL VARIETIES.

- Dianthus Gardnerianus.** Various colors. *Hardy Perennial*, 1½ ft.....10
 — **Barbatus.** (See Sweet William.) Fine mixed, 1 ft.....10
 — **Plumarius.** (Pheasant-eye Pink.) Very fragrant. *Hardy Perennial*, ½ ft.....10
 — **Scoticus fl. pl.** (Paisley, or Florists' Pink.) (See cut.).....50

DIGITALIS.

(Foxglove.)

Handsome ornamental plants of stately growth and varied colors. *Hardy Perennials.*

- 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.

- Dodecatheon Meadia.** 1 ft.....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 ALBA FL. PL.

ESCHSCHOLTZIA MANDARIN.

EULALIA ZEBRINA.

FERNs.

ESCHSCHOLTZIA. (California Poppy.)

Per Pkt.

Very profuse blooming plants of extremely rich and beautiful colors, 1 ft. *Hardy Annual.*

- Eschscholtzia Californica.** Bright yellow, with rich orange centre..... 5
- **Californica Alba Flore Pleno.** The seed produces plants 75 per cent. of which bear beautiful double white flowers. (*See cut.*).....10
- **Dentata Sulphurea.** A curious yellow variety..... 5
- **Crocea fl. pl.** A double-flowering variety, flowers bright orange scarlet, shading off to salmon red. An abundant bloomer.....10
- **Rose Cardinal.** The flowers are of a rich rose colored hue, most effective and beautiful.....10
- **Mandarin.** A most beautiful variety. The inner side of the petals is of a rich orange color, the outer side being brilliant scarlet, of the type known in fabrics as the mandarin scarlet, and when in full bloom the plants of this charming novelty present a gorgeous outline. The inner surface of the flowers has a rich, silk-like appearance. (*See cut.*).....10
- **Teunifolia.** (Fern Leaved.) Foliage finely cut, flowers bright yellow..... 5
- **Rosea.** Flowers tinged with bright rose, very pretty.. 5
- **Fine Mixed.** All colors..... 5

ECHEVERIA.

E. 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.....25

ERICA (Cape Heath).

Well known, very beautiful and interesting green-house shrubs, flowering most profusely.

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
- **Peroffskianum.** Beautiful shade of orange..... 5

ERYTHRINA (Coral Tree).

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

Erythrina Christa Galli. Scarlet.....25

ETERNAL OR EVERLASTING FLOWERS.

(*See Helichrysum, Xeranthemum, Rhodanthe, Acroclinium and Gomphrena.*)

EUCALYPTUS GLOBULUS. (Blue Gum Tree.)

Per Pkt.

It makes a pretty tree, and would form an object of interest in sub-tropical planting in one season, but is not hardy.

Eucalyptus Globulus. ("Fever and Ague Plant.").....10

EUCHARIDIUM BREWERI.

E. Breweri. (*See Novelties.*).....25

EULALIA.

E. Japonica Zebrina. (Zebra Grass.) 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. Entirely hardy. Whether used as a single plant or for groups on lawns it has no equal. *Hardy Perennial.* (*See cut.*).....15

EUPATORIUM.

Very pretty herbaceous plants, with bunches of showy white flowers, fine for bouquets. *Hardy Perennials.*

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.

E. Affine. Biennial species, forming dense bushes about 6 inches high and having 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.....25

FERN SPORES (Seed).

We offer a fine mixture of Choice Ferns, comprising some of the rarest and most desirable varieties for green-house cultivation.

Mixture. (*See cut.*).....25

FUCHSIA.

Our seed of this well known and beautiful plant has been saved from a splendid collection of named varieties.

Fuchsia. Single. Mixed.....25

— **Double.** Mixed.....25

GAILLARDIA LORENZIANA.

GEUM.

GLOXINIA.

GODETIA BIJOU.

FENZLIA.

Per Pkt.
A dwarf-growing plant, well suited for rustic baskets or vases; flowers rosy lilac, with orange centre. *Hardy Annual*..... 15

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. *Half-hardy Annuals*.

- 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
 — *Picta Lorenziana* (Double Flowering). 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.*)..... 10

GERANIUM (*Pelargonium*).

Well known plants, beautiful alike for pot culture and in the flower garden.

- Geranium Zonale*. Extra fine mixed from "New Types."..... 25
 — *Zonale*. Fine mixed..... 10
 — *General Grant*. Vivid scarlet..... 15
 — *Gold and Bronze*. New varieties, mixed..... 25
 — *Double*. Finest mixed from new varieties..... 25
 — *Large Flowered*. (*Pelargonium*.) "Lady Washington" *Geranium*. From prize varieties..... 25
 — *Fancy Varieties*. (*Pelargonium*.) "Lady Washington" *Geranium*. Finest mixed..... 25
 — *Apple Scented* (true). Very fragrant foliage..... 25

GEUM.

- G. Atrosanguineum fl. pl.* An extremely handsome and showy plant for shrubbery borders. The double rich scarlet flowers are splendid for cutting. *Hardy Herbaceous Perennial*, 1½ ft. (See *cut.*)..... 10

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*. I ears beautiful lilac flowers..... 5
 — *All Colors Mixed*..... 5

GLADIOLUS.

Per Pkt.
Showy summer and fall blooming bulbs, flowering the second year from seed.

- Gladiolus, French Hybridized Seed*..... 10
 — *Lemoinei Hybrids*. (See *Novelties*.)..... 25

GLAUCIUM.

(Horn Poppy.)

A showy plant, with long, silvery leaves, gracefully recurved and deeply cut and curled. Flowers bell-shaped, orange yellow.

- Glaucium Corniculatum*. (Described above)..... 10

GLOBE AMARANTHUS (*Gomphrena*).
(Bachelor's Buttons.)

Remarkably handsome Everlastings. 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 dwarf variety of very compact habit; flowers deep violet red..... 10
 — *Mixed*. All colors..... 5

GLOXINIA.

A superb genus of stove-house plants, profuse bloomers, of great beauty and diversity of colors. *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*. 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, 1 ft..... 10
 — *Whitneyi, "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 centre..... 5
 — *Duchess of Albany*. A superb variety, with large handsome satiny white flowers, the individual blooms frequently measuring four inches across..... 10
 — *Bijou*. 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. (See *cut.*)..... 15
 — *Fine Mixed*..... 5

GNAPHALIUM.

(Edelweiss.)

Gnaphalium Leontopodium. The famous and true "Edelweiss" of the Alps. 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..... 25

GOULD DEPRESSA.

GYMNOTHRIX.

HELIANTHUS MACROPHYLLUS.

HELIPTERUM.

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.....	10
— Orange . Fruit resembles an orange.....	5
— Powder Horn	5
— Sipho	10
— Depressa . Dark green fruit. (See cut.).....	10
— Melopepo, Striped, Flat . Green, mottled with white.....	10
— Egg	5
— Fine Mixed . From a large collection of the most ornamental.....	5

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.

Agrostis Nebulosa . Exceedingly graceful and beautiful. <i>Hardy Annual</i> , 1 ft.....	5
Avena Sterilis . (Animated Oats.) <i>Hardy Annual</i> , 2½ ft..	5
Briza Maxima . (Large Quaking Grass.) Very elegant. <i>Hardy Annual</i> , 1 ft.....	5
— Gracilis . (Slender Quaking Grass.) <i>Hardy Annual</i> , 1 ft.....	5
Brizopyrum Siculum . Very dwarf, with shining green leaves; very pretty, ½ ft.....	10
Bromus Brizæformis . A fine grass. <i>Hardy Perennial</i> ...	5
Chloris Barbata . Pretty and curious. <i>Hardy Annual</i> , 1 ft.	5
— Truncata . Fine silvery plumes, 2 ft.....	5
Crysurus Aureus . Very dwarf, with yellowish feathery spikes, useful for bouquets. <i>Hardy Annual</i> , ½ ft.....	10
Coix Lacrymæ . (Job's Tears.) <i>Half-hardy Annual</i> , 2 ft..	5
Eragrostis Elegans . (Love Grass.) Elegant and pretty. <i>Hardy Annual</i> , 2 ft.....	5
Erianthus Ravennæ . A superb perennial grass, resembling the Pampas in appearance and habit of growth; but attaining a greater height than that variety, and quite hardy. <i>Hardy Perennial</i> , 10 ft.....	10
Festuca Rigida . Curious dwarf variety.....	5
Gymnotherix Latifolia . Splendid ornamental grass. <i>Half-hardy Perennial</i> , 10 ft. (See cut.).....	25
Gynerium Argenteum . (Pampas Grass.) The finest ornamental grass in cultivation, 10 ft. <i>Half-hardy Perennial</i>	10
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. <i>Half-hardy Annual</i> , 2 ft.....	10

Setaria Macrocheta . Graceful drooping plumes. <i>Hardy Annual</i> , 2 ft.....	5
Stipa Elegantissima . One of the most beautiful of ornamental grasses.....	10
— Pennata . (Feather Grass.) Exceedingly graceful and beautiful. <i>Hardy Perennial</i> , 2 ft.....	10
Tricholæna Rosea . A very beautiful rose-tinted grass. <i>Hardy Perennial</i> , 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.

Free-flowering little plants for rock work or small beds.

Gypsophila Muralis . A charming little plant covered with beautiful pink blossoms. <i>Hardy Annual</i> , ½ ft..	5
— Paniculata . White, fine for bouquets. <i>Hardy Perennial</i>	5

HELIOTROPE.

Well known deliciously fragrant plants; excellent for bedding purposes or pot culture. *Half-hardy Perennial*.

Heliotrope . Finest mixed, 18 inches.....	10
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HELIANTHUS (Sunflower).

Tall growing plants, with large and showy flowers. Culture same as Asters. *Hardy Annuals*.

Helianthus Californicus 1. 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. (See cut.).....	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 centre.....	5
— Oculatis Viridis . Densely double, with green centre.	5
— Oscar Wilde . The flowers are small, and consist of a small jet black centre, surrounded by a row of bright golden petals overlapping each other.....	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

HELIPTERUM.

H. Sanfordi . A pretty little plant, producing large clusters of small rich yellow flowers. If the blooms are cut when half open, and hung up to dry, they make a beautiful and effective everlasting for dried bouquets. <i>Tender Annual</i> . ¾ ft. (See cut.).....	10
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The new Fancy Pansy seed produced a bed of Pansies so beautiful that it attracted the attention of many passers by, and I had many inquiries of where the seed could be obtained.

CHICAGO, ILL., February 12th, 1885.

DR. WM. E. CLARK.

HUMEA ELEGANS.

HYACINTHUS CANDICANS.

IPOMOEA MARMORATA.

ICE PLANT.

HEDYSARUM (French Honeysuckle).

Per Pkt.

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 centre.

Hibiscus Africanus. $\frac{1}{2}$ ft..... 5

— **Californicus.** An Herbaceous Perennial, producing an abundance of pure white flowers..... 5

HOLLYHOCK.

Old garden favorites, too well known to need description.

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

— **New Dwarf "Crimson Pyramid,"** (See Novelties.).....25

— **Double Yellow**.....25

— **Crimson**.....25

— **Pink**.....25

HONESTY.

(Moon' Wort.)

Interesting summer-blooming plants, suitable for shrubberies or woodland walks. The seed vessels are flat and broad, and look like transparent silver. Very handsome in bouquets of dried flowers. *Hardy Biennial.*

Honesty. Purple, 2 ft..... 5

HUMEA.

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. *Half-hardy Biennial.*

Humea Elegans. (See cut.).....15

HYACINTHUS CANDICANS.

(The Cape Hyacinth.)

A most striking and beautiful plant, supposed to be only half-hardy, but which has stood for the last four 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. A very pleasing effect is produced by planting this in the centre of Gladiolus beds; such an arrangement in our grounds, three seasons ago, was greatly admired. (See cut.)..... 10

IMPATIENS SULTANA.

I. Sultana. (See Novelties.).....25

IPOMŒA.

Per Pkt.

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. *Half-hardy Annual.*

Ice Plant. (*Mesembryanthemum Crystallinum.*) From Greece; trailer, $\frac{1}{2}$ ft. (See cut.)..... 5

INDIAN SHOT. (See Canna.)

INOPSIDIUM.

One of the few plants that succeed comparatively well in the shade. *Hardy Annuals.*

Inopsidium Acaule. Sky blue, $\frac{1}{4}$ 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

IRIS.

I. Robinsoniana. 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

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 10

— **Dwarf Double.** Mixed, $\frac{1}{2}$ ft.....10

KAULFUSSIA.

Desirable plants of dwarf habit and compact growth. *Hardy Annuals.*

Kaulfussia Ameloides. Bright blue, $\frac{1}{2}$ ft..... 5

— **Rosea.** Pink, mauve centre, $\frac{1}{2}$ ft..... 5

LAPAGERIA.

LARKSPUR, DWARF ROCKET.

LAVATERA ARBOREA VARIEGATA.

LINARIA CYMBALARIA.

KOCHIA.

(Belvidere or Summer Cypress.)

Per Pkt.

K. Scoparia. A rapid growing, graceful, cypress-like plant, well suited for the decoration of mixed borders; flowers yellow. *Hardy Annual.* 3 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. *Half-hardy Perennials.*

Lantana Hybrida. Mixed.... 10

LAPAGERIA.

L. Rosea. One of the most beautiful twining green-house plants known. The flowers are bell-shaped, of an exquisite shade of rose, spotted on the inside with pure white. This lovely plant, which can be trained to grow many feet in length, was named in honor of Josephine Laparia, wife of the first Napoleon. *Tender Perennial.* 10 ft. (See cut.)..... 50

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 Emperor Larkspur is unequalled, 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
Emperor, Pure White. Until this was produced, we never had a pure white variety in the class of Emperor Larkspurs..... 15
Consolida Candelabrum. A new and very elegant dwarf variety; 1 ft..... 5
Bismarck. A new variety of great merit, mixed..... 10
Double Stock Flowered. "Lustrous carmine." Fiery or lustrous carmine. Bedded out it produces a most brilliant effect..... 15

LATHYRUS (Everlasting Pea).

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..... 10
Mixed. Purple and white..... 5

LAVENDULA (Lavender).

Much prized for its fragrant violet flowers; succeeds best in a dry, gravelly soil. *Hardy Perennial.*

Lavendula Spica. Lilac, 2 ft..... 5

LAVATERA.

Per Pkt.

Tall-growing showy plants, very effective when used as a background to other plants. *Hardy Annuals.*

Lavatera Trimestris. Rose and pink striped; 3 ft..... 5
Alba. White, 3 ft..... 5
Arborea Variegata. A new variegated plant of striking appearance. The dark green leaves are irregularly marked with greenish gray and pure white, which give the plant a distinct and striking appearance. The plants in the early stages do not show much variegation, but it is most marked and beautiful later on. (See cut.)..... 25

LEPTOSIPHON.

A pretty little Annual, 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 Douglassii. Yellow and white, fragrant, ½ ft..... 5

LINARIA.

A particularly effective plant in rock work or ribbon lines. *Hardy Annuals.*

Linaria Bipartita Alba. White, ½ ft..... 5
Splendida. Deep purple, ½ ft..... 5
Cymbalaria. (Kenilworth Ivy.) A climber that is very much used for covering fences or unsightly objects. (See cut.)..... 15

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.

An excellent climbing plant, flowering very profusely all season. 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. *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

MAGNOLIA.

MARIGOLD, DWARF GOLD STRIPED.

MARVEL OF PERU, DWARF WHITE.

MARTYNIA.

LOBELIA.—Continued.

	Per Pkt.
Lobelia Gracilis. Light blue, spreading habit, ½ 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.	10

LOPHOSPERMUM.

Exceedingly ornamental climbing plants, with large and handsome flowers; very effective for conservatory, or garden decoration. *Half-hardy Annual.*

L. Hendersonii. Rosy carmine, 10 ft.....	10
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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. <i>Hardy Perennials</i> , 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.

Lychnis Chalcedonica. Scarlet, 2 ft.....	5
— Fulgens. Bright scarlet, 1 ft.....	10
— Haageana. Bright orange scarlet, 1 ft.....	10
— Nana Hybrida. Mixed.....	10

MAGNOLIA.

M. Grandiflora. Flowers large, white and fragrant, the best variety that can be raised from seed of this beautiful class. (<i>See cut.</i>)	10
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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
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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 the scent is slight and feeble; but toward evening it expands fully, remaining so during the night, emitting a delicious fragrance....	10
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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
— New African, "El Dorado." (<i>See Novelties.</i>) (Five packets for \$1.00.).....	25
— French Dwarf. Orange, brown and yellow, mixed, 1 ft	5
— New French "Gold Striped." The flowers rich maroon, regularly striped with golden yellow; habit of plant dwarf and compact. (<i>See cut.</i>).....	10

FOR POT MARIGOLDS SEE "CALENDULA"

MARTYNIA.

M. Fragrans. A large-growing, summer blooming plant, producing spikes of purple-red flowers streaked with yellow, which emit a delicious odor. <i>Half-hardy Annual</i> , 3 to 4 ft. (<i>See cut.</i>).....	10
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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 never more than 10 inches in height, completely studded with snow-white flowers. (<i>See cut.</i>)... ..	10

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.....	5
— Crystallinum. (Ice Plant.) Trailer.....	5

MATRICARIA (Feverfew).

Matricaria Eximia fl. pl. A fine double white Feverfew, with foliage curled like the finest double curled parsley.....	15
— 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 trailing 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, HYBRID SPIRAL.

MIMULUS TIGRINUS FL. PL.

MOLUCCELLA.

MUSA.

MIGNONETTE.

Per Pkt.

Quite recently the varieties of this old favorite have been enriched by three sorts that have proved distinct and decided acquisitions. These are Bird's Mammoth, Golden Queen and 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
- **Bird's Mammoth.** (*See Novelties.*) (5 packets for \$1.00.) 25
- **Giant.** One of the best and most distinct of the large-flowering sorts; exceedingly free-flowering and equally well adapted for house as well as out-door culture. 10
- **Parson's White.** Flowers nearly white; a desirable variety. 10
- **Hybrid Spiral.** 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.** This can be distinguished from all other Mignonettes as far as it can be seen, and it is, when in bloom, literally a mass of golden yellow. 10
- **"Machet."** The plants are dwarf and vigorous, of pyramidal growth. They throw up numerous long and broad spikes of deliciously scented red flowers. Entirely distinct. 15
- **Large White Upright.** A magnificent variety, attaining a height of from two to three feet, and producing in the greatest profusion spikes of bloom from twelve to fifteen inches in length. It is pure white in color, while its fragrance is exceedingly sweet, much more so than any of the ordinary varieties. Sown in the open ground in April or May, it will begin flowering in June and continue throughout the season. Or it may be had in the parlor or green-house in bloom during the fall and winter. 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. *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. Mixed. 10
- **Tigrinus Flore Pleno.** A beautiful double-flowering variety; choice mixed colors. (*See cut.*) 25
- **Roseus Superbus.** 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. 15
- **New Musk Scented.** Large yellow flowers, beautifully marked with dark crimson spots. The leaves have a very dark marking in the centre. It emits a strong musk scent and is very effective. 15

MIMOSA.

(Sensitive Plant.)

Per Pkt.

A very interesting and curious plant, its leaves closing if touched or shaken. *Half-hardy Annual.* 5

MOLUCCELLA.

(Shell Flower or Molucca Balm.)

M. Lævis. A singular plant, with square stems, spreading and curling upward like the arms of a candelabrum, ending in tufts of bright leaves and tiny cups of a pea-green hue, veined with whitish green. Within the calyx a button-shaped bud appears, which unfolds into a flower formed like a shell, of a white and purple color. Altogether this is a very curious plant. *Hardy Annual.* (*See cut.*) 10

MOMORDICA.

Very curious trailing plants, with ornamental foliage and remarkable fruit. *Half-hardy Annuals.*

- Momordica Balsamina** (Balsam Apple). From East Indies, 10 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

MUSA.

(Abyssinian Banana.)

M. Ensete. A grand tropical-looking plant, well suited as a specimen plant on the lawn in summer. Seedlings attain a large size the first season if sown early in a warm place, and re-potted occasionally until it is safe enough to plant them in the open ground. *Tender Perennial*, 6 to 20 ft. (*See cut.*) Price (per packet of 5 seeds) 50

MUSK PLANT. (*See Mimulus Moschatus.*)

MYRSIPHYLLUM (Smilax).

There is no climbing plant in cultivation that surpasses this in the graceful beauty of its foliage.

M. Asparagoides. 15

"How the Farm Pays" is thoroughly practical, and wisely eschews science and all matters which rest only upon opinion. It deals with facts, and such facts as go to show how the farm pays, and it thoroughly interests, in an especial manner, every farmer who desires to make his farm profitable."—NEW YORK TIMES, Dec., 1884.

NASTURTIIUM, TOM THUMB.

NICOTIANA.

NYCTERINIA CAPENSIS.

PÆONY.

MYOSOTIS (Forget-Me-Not).

Per Pkt.

The different varieties of this popular plant are very beautiful, and too well known to need special mention; they succeed best in moist situations. *Hardy Perennials.*

- Myosotis Palustris** (True). Blue, $\frac{1}{2}$ ft. 5
 — **Alba**. White, $\frac{1}{2}$ ft. 10
 — **Azorica Celestina**. Flowers of rich turquoise blue, produced in the greatest abundance. 10
 — **Dissitiflora**. Earliest of all. Dark blue, very fine spring flowering variety, with large blossoms; quite distinct from any other, $\frac{1}{2}$ 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
 — **Elegantissima**. (See *Novelties*). 25

NASTURTIIUM.

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. (See *cut.*) 5
 — **Spotted** 5
 — **Roseum**. Rose 5
 — **Ruby King** 10
 — **Crystal Palace Gem**. Sulphur yellow, maroon spots. 5
 — **Yellow**. 1 ft. 5
 — **Pearl**. White 5
 — **Empress of India**. (See *Novelties*). 15
 — **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, Roseum**. Rose 5
 — **(Climbing), King Theodore**. Very dark maroon. 5
 — **Schenermanni Coccineum**. Straw color, scarlet stripes. 5
 — **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.

- Nelumbium Luteum** 15

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 centre, 1 ft. 5
 — **Marginata**. Azure blue, edged with white. 5
 — **Maculata**. White, with large purple spots, 1 ft. 5
 — **Fine Mixed** 5

NICOTIANA.

- N. Affinis**. The flowers are an inch in length, pure white and exceedingly fragrant, and are borne in clusters. Well adapted for green-house or conservatory culture in winter, and the open ground in summer. *Tender Annual*, 2 ft. (See *cut.*) 10

NIEREMBERGIA.

Per Pkt.

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.

Very pretty trailing plants, with convolvulus-like flowers, excellent for rustic work or hanging baskets. Showy also for borders. $\frac{1}{2}$ 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. *Half-hardy Perennials.*

- Nycteria Capensis**. White, with yellow centre, $\frac{1}{2}$ ft. (See *cut.*) 5
 — **Selaginoides**. Pink, with yellow centre, $\frac{1}{2}$ ft. 5

NYMPHÆA (Water Lily).

- Nymphæa Odorata**. This is the true white water lily, found growing in all sections of the country. 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, $\frac{1}{4}$ ft. 5
 — **Atropurpurea**. Clear rich purple, $1\frac{1}{2}$ 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, $\frac{3}{4}$ ft. 10
 — **Tropaeoloides**. Deep yellow, brown leaves, $\frac{1}{2}$ ft. 10
 — **Valdiviana**. A very showy and compact growing variety; flowers bright yellow, and sweet scented. 10

**ÆNOTHERA (Evening Primrose)
(Sun Drops.)**

A very beautiful, free growing and useful class of plants, flowering generally in long spikes.

- Ænothera 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. *Hardy Perennial*, 3 ft. 10
 — **Macrocarpa**. Primrose. Large blooms. *Hardy Perennial*, $\frac{1}{2}$ ft. 10
 — **Fine Mixed Varieties**. 5

PÆONY.

The seed we offer of this grand old garden favorite will produce large double flowers of many shades of crimson, rose and white. *Hardy Herbaceous Perennial*, 2 ft. (See *cut.*) 15

PETUNIA, SINGLE FANCY HYBRID.

PETUNIA, DOUBLE FANCY HYBRID.

PLATYCODON.

PHLOX DRUMMONDII GRANDIFLORA.

PETUNIAS.—Continued.

SINGLE SPECIES.

	Per Pkt.
<i>Petunia Hybrida Grandiflora Alba</i> . Large, pure white.....	50
— <i>Fimbriata</i> . Beautifully fringed, all shades.....	50
— <i>Kermesina</i> . Crimson with white throat.....	50
— <i>Marginata</i> . Mixed colors, margined edge.....	50
— <i>Prince of Wurtemberg</i> . Rosy pink.....	25
— <i>Princess of Wurtemberg</i> . Purple.....	25
— <i>Purpurea</i> . Fine deep purple.....	50
— <i>Delicata</i> . White, throat rose violet.....	50
— <i>Yellow Throated</i> . (See <i>Novelties</i> .).....	75
— <i>New Fancy Hybrid</i> . (Single mixed.) (See <i>cut</i> .)	50

DOUBLE SPECIES.

— <i>Marginata fl. pl.</i> Green edged. Mixed.....	75
— <i>Fimbriata fl. pl.</i> Double fringed, large flowering, comprising all shades of color.....	75
— <i>New Fancy Hybrid</i> . (Double mixed.) (See <i>cut</i> .).....	75

PHACELIA.

P. Campanularia. (See *Novelties*.)

PHASEOLUS.

(Scarlet Runners.)

P. Multiflorus. Valuable alike as an ornamental climbing plant and a vegetable. It grows to a height of ten feet, producing dazzling scarlet flowers..... 5

PINK, CHINA, and other varieties. (See *Dianthus*.)

PLATYCODON.

Platycodon Grandiflora. A hardy herbaceous perennial, native of China, with large white saucer-shaped flowers. In the Northern States it should have a slight protection in winter. (See *cut*.)..... 10

POLYANTHUS.

Flowering plants, blooming in early spring; adapted for pot culture or outside beds. 1 ft. *Hardy Perennials*.

<i>Polyanthus</i> . Choice mixed, from best laced flowers.....	25
— <i>Gold Laced</i> . Mixed colors.....	25
— <i>Duplex</i> (Hose in Hose). Mixed colors.....	25
— <i>Dark Varieties Mixed</i>	25
— <i>Mixed Border Varieties</i>	10

POTENTILLA.

Handsome flowering herbaceous plants, exceedingly useful and ornamental in mixed flower borders, lasting a long time in bloom. *Hardy Perennials*.

<i>Potentilla</i> . Finest Mixed, 1½ ft.....	10
— <i>Double Flowering</i> . Finest mixed, 1½ ft.....	25

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.

<i>Phlox Drummondii Alba</i> . Pure white.....	10
— <i>Alba Rosea Striata Fimbriata</i> . Fringed and striped white and rose.....	10
— <i>Atropurpurea Striata</i> . Beautifully striped.....	10
— <i>Black Warrior</i> . Dark purple.....	10
— <i>Coccinea</i> . Deep scarlet.....	10
— <i>Isabellina</i> . Pale yellow.....	10
— <i>Leopoldii</i> . Bright rose, white eye.....	10
— <i>Oculata</i> . White, with purple eye.....	10
— <i>Princess Royal</i> . Light purple, with white streaks.....	10
— <i>Queen Victoria</i> . Violet, white eye.....	10
— <i>Eadowitzii</i> . Rose purple, white eye.....	10
— <i>Rosea</i> . Pure rose color.....	10
— <i>Finest Mixed Varieties</i>	5
— <i>Decussata</i> . Perennial mixed, saved from named varieties.....	10

NEW LARGE FLOWERING PHLOX.

(*P. Drummondii Grandiflora*.)

A great improvement on the older Phloxes, the flowers being much larger—equaling the perennial sorts in size.

<i>P. Grandiflora Alba</i> . White.....	15
— <i>Atropurpurea</i> . Rich maroon, with white eye.....	15
— <i>Chamois Rose</i> . Chamois rose, with white eye.....	15
— <i>Coccinea</i> . Brilliant scarlet.....	15
— <i>Splendens</i> . Vivid crimson, with white eye, the centre of which is encircled with a clearly defined violet edge.....	15
— <i>Quadricolor Marmorata</i> . Marbled.....	15
— <i>Mixed</i> . (See <i>cut</i> .).....	10

NEW DWARF PHLOX DRUMMONDII.

(*P. Drummondii Nana Compacta*.)

A distinct section, distinguished by its dwarf habit and compact growth. ¾ ft.

<i>P. Drummondii Nana Compacta Coccinea</i> . Deep scarlet, white eye.....	15
— <i>Red</i> . A bright shade.....	15
— <i>Chamois Rose</i> . Pure salmon rose.....	15
— <i>Fireball</i> . Bright dazzling scarlet.....	15
— <i>Snowball</i> . Pure white.....	15
— <i>Mixed</i>	15

NEW PHLOX DRUMMONDII.

(Graf-Gero.)

A new strain of fine compact growth and very fine for pot culture.

<i>P. Graf-Gero Alba</i> . Pure white.....	25
— <i>Rosea</i> . Bright rose.....	25
— <i>Violacea</i> . Violet.....	25
— <i>Marmorata</i> . Marbled.....	25
— <i>Mixed</i>	25

WANSTON, OHIO, January 5th, 1885.

I was extremely well satisfied with the seeds ordered from you last year, and shall send for more.

MRS. CHAS. COLEMAN.

POPPY UMBROSUM.

PORTULACA GRANDIFLORA FL. PL.

PRIMULA GLOBOSA.

PRIMULA CRISTATA NANA.

POPPY.

Per Pkt.

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. (*Papaver Rhæas.*) Ranunculus-flowered, double mixed. 2 ft. 5
Danebrog. 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. 10
Umbrosum. This makes a gorgeous display in the garden; its flowers are a rich vermilion, with a shining black spot on each petal. (*See cut.*) 10
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.

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. $\frac{1}{2}$ ft.

SINGLE VARIETIES.

- Portulaca Bedmani.** A fine variety. Flowers large, pure white, with a reddish-purple eye. 5
Golden Striped. 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. The flowers are nearly twice the size of the old variety, 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

DOUBLE VARIETIES.

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.

- Portulaca Grandiflora fl. pl. Aurea striata.** Yellow, striped crimson. 20
Alba. White. 20
Caryophylloides. Rose, striped carmine. 20
Thelluesoni. Scarlet. 20
Sulphurea. Yellow. 20
Rosea. Rose. 20
All Colors. Mixed. (*See cut.*) 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

Per Pkt.

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. 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. 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. 75
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 $2\frac{1}{4}$ 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
Punctata Elegantissima. Flowers deep velvety crimson, strongly fringed, and regularly marked at the borders with small snow-white spots. 50
Cristata Nana. The plant is of dwarf and dense habit with small foliage. The flowers are snow-white, with a pale yellow eye, are denticated, and show a tendency to become double. (*See cut.*) 50
Globosa Rubra. Very compact in habit, with large fringed red flowers, entirely distinct. (*See cut.*) 50
Alba. Identical with the above, excepting the color, which is pure snow white. 50
Alba Plena. Double white. 1 00
Rubra Plena. Double red. 1 00
Double Mixed. Red and white. 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, the flowers of which are not fringed:

- Primula Sinensis Alba.** White. 25
Rubra. Red. 25
Mixed 25

PYRETHRUM.

(Feverfew.)

- Pyrethrum Hybridum fl. pl.** New varieties of this beautiful hardy, herbaceous plant, saved from double flowers only, $1\frac{1}{2}$ 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
Cinerariafolium. (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. The color of the foliage is a brighter yellow than that of the old "Golden Feather," itself one of the best bedding plants grown; double white flowers, 1 ft. 10

PYRETHRUM SELAGINOIDES.

RHODODENDRON.

SALVIA CARDUACEA.

SCABIOSA NANA FL. PL.

PYRETHRUM.—Continued.

Per Pkt.

Pyrethrum 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. (See cut.) 15

— **Double White Feverfew.** (See *Matricaria*.) 15

RHODANTHE.

Belongs to what are 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 disc.....10
 — **Alba.** Pure silvery white, very beautiful.....10
 — **Double.** (See *Novelties*.)

RHODODENDRON.

R. Catawbiense Hybrids. Handsome shrubs for lawn decoration. The foliage is luxuriant and glossy, and the flowers remarkably large and beautiful, comprising all shades of white, rose, crimson, etc. Perfectly hardy, but of rather slow growth. *Hardy Perennials*, 3 to 4 ft. (See cut.)... 50

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. *Hardy Perennials*.

Rocket, Sweet Purple. 1½ ft.... 5
 — **White.** 1½ ft..... 5
 — **Mixed.** 1½ ft..... 5

ROSE.

As we have had many inquiries for seed of the Rose from those who wish to experiment in the raising of new varieties, we this season offer hybridized seed saved from many of the choicest varieties. Will flower the second year.

Hardy Hybrid Varieties. Mixed.....25
Monthly Tea Scented Varieties. Mixed.....25

SALPIGLOSSIS.

Remarkably beautiful autumn-blooming plants, with funnel-shaped flowers, curiously veined and marbled. *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.)

Per Pkt.

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. *Half-hardy Perennials*.

Salvia Patens. Splendid deep blue, 3 ft.....25
 — **Splendens.** (*Scarlet Sage*.) Vivid scarlet, 3 ft.....10
 — **Carduacea.** Grows about 2½ ft. high, producing beautiful light blue flowers. (See cut.)..... 15
 — **Blue Beard.** Grows eighteen inches high. The flowers are small, lip-shaped, of a bright purple color, with lower lip white. *Hardy Annual*..... 25

SANVITALIA.

Dwarf-growing, free-flowering plants, very suitable for small beds or rock work. *Hardy Annuals*.

Sanvitalia Procumbens Fl. Pleno. 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. *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.

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*.

S. Papilionaceus. (*Butterfly Flower*.) A charming variety, the flowers resembling some varieties of Orchids.....10
 — **Pinnatus Rosens.** Flowers rose, shading off at the centre to white, while the upper petal is almost covered with a blood-red spot.....15
 — **All Colors.** Mixed..... 5

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.

SILENE CARNEA FL. PL.

STATICE SUWOROWI.

STOCKS, LARGE FLOWERING.

SENECIO.

- S. Speciosus.** A 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. (See cut.).....15

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 9 to 12 inches in diameter, which during the season are perfectly solid with bloom..... 5
- **Carnea Fl. Pl.** Producing beautiful double flowers of a delicate pink. Will be found well adapted for edgings of flower beds and useful in all cut flower work. (See cut.).....10

SESBANIA.

- S. Grandiflora.** (See Novelties.).....50

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.

- 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
- **Warszewiczii.** 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

SPHENOGYNE.

A bright yellow, free-flowering border plant, from South America; useful for beds, ribbon borders, or edgings.

- 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

- Statice Incana Hybrida.** Fine mixed. Perennial.....10
- **Suworowi.** Bears flower spikes 15 to 18 inches long and ¾ of an inch in width, in color a crimson rose. The foliage lies flat on the ground and it is completely hidden by the numerous flower spikes. It remains in flower upward of 60 days. Annual. (See cut.).....15

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 produces 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. ½ to 1 ft. Half-hardy Annuals.

- Stock, Dwarf German Ten Weeks.** Fine mixed..... 5
- **Large Flowering.** Choice mixed. (See cut.).....10
- **Pure White**.....15
- **Purple**.....15
- **Scarlet Victoria**.....15
- **Brilliant Rose**.....15
- **Light Blue**.....15
- **Canary Yellow**.....15
- **Wallflower-Leaved.** Pure white, very fine.....15
- **Purple**.....15
- **Crimson**.....15
- **Finest Mixed**.....15
- **New Large-Flowered Dwarf Pyramidal.** The most popular Stock in cultivation; very finest mixed.....15
- **New Giant Perfection.** Plants of this variety attain a height of 2½ feet, and produce long spikes of double flowers, much larger than the ordinary Ten Weeks Stock.....15

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**.....75
- Brompton, or Winter Flowering.** In twelve separate colors.....75
- Dwarf Pyramidal.** In six separate colors.....50
- Emperor.** In six separate colors.....50
- Giant Perfection.** In six separate colors.....50
- Intermediate.** In six separate colors.....50

SWEET WILLIAM, DOUBLE.

TACSONIA.

TRITOMA.

TROPEOLUM.

SWEET PEAS.

Per Pkt.

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.....	5
— Striped	5
— Painted Lady	5
— Purple	5
— White	5
— Fairy Queen	5
— Butterfly. Pure white ground, delicately laced with lavender blue.....	10
— Adonis. A lovely shade of rose.....	15
— Crown Princess of Prussia. (See <i>Novelties</i>).....	10
— Queen of the Isles. (See <i>Novelties</i>).....	10
— Miss Ethel. (See <i>Novelties</i>).....	10
— Grand Blue. (See <i>Novelties</i>).....	10
— Mixed. All colors; per oz., 15c.; per lb., \$1.00....	5

SWEET SULTAN.

Showy annnals of easy culture, very effective in shrubby 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
— Large Flowering, Double White	15
— Double Crimson	15
— Double Mixed. From a splendid collection of double flowers. (See <i>cut.</i>).....	10

TACSONIA.

(Passion Flower.)

Tacsonia Von Volkemi. 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 Punila. A beautiful delicate fern-leaved plant, forming a compact globular bush and covered with bright yellow blossoms, with a reddish brown stripe through the centre of each petal. *Half-hardy Annual.* 1 ft.....10

TRITOMA.

(Red-hot Poker Plant.)

Per Pkt.

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.*).....15

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.

Thunbergia Alata. Buff, with white eye, 4 ft.....	5
— Alba. White, with dark eye, 4 ft.....	5
— Aurantiaca. 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.

Torenia Fournierii. The Torenias are among the prettiest summer plants for vases or hanging baskets. The flower is sky-blue, dotted with three dark blue spots, has a bright yellow throat, and is an exceedingly free bloomer.....15

— **Baillonii.** A newer free-flowering sort, bearing golden-yellow flowers that have a brownish-red throat. Entirely distinct from any of the other known sorts.....25

TROPEOLUM.

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. .	5
— Spitfire. Fiery red.....	10
— Brilliant. Fine scarlet.....	10
— Giant des Batailles. Brilliant carmine.....	10
— Triomphe de Gand. Orange scarlet, 4 ft. (See <i>cut.</i>)	10
— Peregrinum. (See <i>Canary Bird Vine.</i>).....	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.

VINCA.

WALLFLOWER, DOUBLE.

ZINNIA, LARGE FLOWERING DWARF.

VERBENA.

Per Pkt.

Well known and universally admired plants, invaluable for summer decoration. Blooming freely the first year from seed. *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
- **Coccinea Foliis Aureus.** A newer variety, with golden yellow foliage, forming a marked contrast with the bright scarlet of the flowers.....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 plants which require at all times a high temperature.

- Vinca Rosea.** Rose, with dark eye, 2 ft.....10
- **Alba.** White, with crimson eye, 2 ft. (*See cut.*).....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.....5

VISCARIA (Rock Lychnis).

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. *Half-hardy Perennial.*

- Wallflower. Double Canary Yellow**.....15
- **Dark Brown**.....15
- **Purple**.....15
- **Single Blood Red**.....10
- **Golden Tom Thumb**.....10
- **Purple**.....10
- **Harbinger.** Brown and bronze.....10
- **Double.** Finest mixed, 2 ft. (*See cut.*).....10
- **Single Mixed.** 2½ ft.....5

WHITLAVIA.

Per Pkt.

Charming Hardy Annuals, with beautiful bell-shaped flowers, growing freely in any soil.

- Whitlavia Grandiflora.** Violet blue, 1 ft.....5
- **Gloxinoides.** An elegant variety, with beautiful gloxinia-like flowers; corolla pure white, with delicate blue lips; 1 ft.....5

WIGANDIA.

Splendid ornamental foliaged plants, with immense leaves, 3 ft. long by 1½ ft. wide.

- Wigandia Caracasana.** 6 ft.....15
- **Vigieri.** Superb foliage.....15

WISTARIA.

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

- **Alba.** White flowered.....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
- **Annum Superbissimum.** Red flowers; the finest form of Xeranthemum yet obtained.....15
- **Fl. Alba.** 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.....15

ZINNIA ELEGANS.

(Youth and Old Age.)

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.....10

LARGE FLOWERING DWARF ZINNIAS.

A new dwarf section, quite distinct from the above. The flowers are as large or larger than the old class, and of much better shape, resembling Dahlias in form, and the habit of growth is compact and dwarf—rarely growing over 2 feet high. Distinct sorts, as follows:

- Zinnia Elegans Pumila Alba Plena.** White.....10
- **Salmonea.** Salmon.....10
- **Coccinea.** Scarlet.....10
- **Violacea.** Purplish red.....10
- **Mixed.** (*See cut.*).....10

NEW POMPONE ZINNIAS.

See Novelties......15

Collections of Flower Seeds.

FREE BY MAIL ON RECEIPT OF PRICE.

HARDY ANNUALS.

FIFTY DISTINCT VARIETIES. Our own selection.....	\$2 00
ONE HUNDRED DISTINCT VARIETIES. Our own selection....	4 00
TWENTY-FIVE DISTINCT VARIETIES. Our own selection.....	1 00
TWELVE DISTINCT VARIETIES. Our own selection.....	50

BIENNIALS AND PERENNIALS.

FIFTY DISTINCT VARIETIES. Our own selection.....	2 00
ONE HUNDRED DISTINCT VARIETIES. Our own selection....	4 00
TWENTY DISTINCT VARIETIES. Our own selection.....	1 00
TWELVE DISTINCT VARIETIES. Our own selection.....	50

ASTERS.

BETTERIDGE'S QUILLED. In six separate colors.....	40
BETTERIDGE'S IMPROVED QUILLED. In twelve separate, distinct colors.....	75
CROWN. In six separate, distinct colors.....	50
DWARF CHRYSANTHEMUM-FLOWERED. In six separate, distinct colors.....	50
DWARF PYRAMIDAL. In six separate, distinct colors.....	50
GOLIATH. In six separate, distinct colors.....	50
PEONY-FLOWERED PERFECTION. In six separate colors....	40
TRUFFAUT' PEONY FLOWERED PERFECTION. In twelve separate distinct colors.....	75
VICTORIA. In six separate colors.....	50
VICTORIA. In twelve separate, distinct colors.....	1 00

BALSAMS.

DOUBLE DWARF, CAMELLIA-FLOWERED. In six separate colors.....	50
HENDERSON'S SUPERB. In eight separate colors (shown on colored plate of 1883).....	1 00
ROSE-FLOWERED. In twelve separate colors.....	1 00

GERMAN STOCKS.

BROMPTON, or WINTER-FLOWERING. In twelve separate colors.....	\$0 75
DWARF GERMAN TEN-WEEKS. In twelve separate colors.....	75
DWARF GERMAN TEN-WEEKS. In six separate colors.....	50
DWARF PYRAMIDAL. In six separate colors.....	50
EMPEROR. In six separate colors.....	50
GIANT PERFECTION. In six separate colors.....	50
INTERMEDIATE. In six separate colors.....	50

VARIOUS COLLECTIONS.

ANTIRRHINUM, DWARF. In six separate sorts.....	\$0 50
CALLIOPSIS. In ten separate sorts.....	50
CANNA. Six separate distinct varieties.....	50
CANNAS. In six dark leaved sorts.....	50
— In eight separate sorts.....	75
CARNATIONS. In six separate sorts.....	50
— Twelve beautiful varieties.....	1 00
CHRYSANTHEMUMS, ANNUAL. In six separate sorts.....	25
CLIMBING PLANTS. Twelve selected varieties.....	75
COCKSCOMB DWARF. In six separate sorts.....	50
DIANTHUS HEDDEWIGH and LACINIATUS. In six separate sorts.....	50
— Eight finest varieties.....	50
FRAGRANT FLOWERS. Collection of ten species.....	50
HELICHRYSUM. (Everlasting Flowers.) Ten varieties.....	1 25
HOLLYHOCK. (Chater's.) Twelve choice varieties.....	75
— In six separate sorts.....	75
IPOMEA. In ten separate sorts.....	75
LARKSPUR, DWARF ROCKET. In twelve separate sorts.....	50
— In six separate sorts.....	30
— EMPEROR. In six separate sorts.....	50
MARIGOLD, DOUBLE FRENCH DWARF. In six separate sorts.....	80
— AFRICAN. In six separate sorts.....	30
NASTURTIUM, TALL. In twelve separate sorts.....	50
— TOM THUMB. In twelve separate sorts.....	50
ORNAMENTAL GOURDS. Twelve separate distinct species.....	50
ORNAMENTAL GRASSES. Twenty-four varieties.....	1 50
ORNAMENTAL-LEAVED PLANTS. Twelve species.....	1 00
PANSY. Twelve separate distinct and beautiful varieties of New Fancy.....	1 50
PHLOX DRUMMONDII. Twelve beautiful varieties.....	75
— New large-flowering. Six varieties.....	75
— NANA COMPACTA. In six separate sorts.....	50
PLANTS FOR BASKETS. In six separate sorts.....	50
POPPY, DOUBLE CARNATION-FLOWERED. In eight separate sorts.....	30
— FRENCH. In six separate sorts.....	25
PORTULACA, DOUBLE. Six separate, distinct varieties.....	1 00
RICINUS. In eight separate sorts.....	30
ROCKRIES or EDGINGS. Collections of eight species.....	50
SALPIGLOSSIS, LARGE FLOWERED. In six separate sorts.....	50
SCABIOSA NANA FL. PL. In six separate sorts.....	30
SWEET WILLIAM, DOUBLE. In twelve separate sorts.....	75
SWEET PEAS. In twelve separate colors.....	50
— Six separate distinct colors.....	25
WALLFLOWER, DOUBLE. Six finest varieties.....	50
ZINNIA ELEGANS. Finest Double, Six varieties.....	50

❧ GLADIOLUS. ❧

❧ In view of the increased interest being taken in this unequalled bulb for Summer Flowers, we have prepared a Gladiolus Catalogue, describing in detail our large and unsurpassed variety. In the List will be found offered for sale the very choicest American and French Hybrid Gladiolus that have appeared. The Catalogue we expect to have ready for distribution by Jan. 25th, when it will be sent free to any address on application.

GLADIOLUS BULBS (in Collections).

Any of the following bulbs sent free by mail at catalogue prices, except where quoted by the hundred.
(Supplied from January to June.)

"HENDERSON'S SELECT TWELVE."

AFRICAIN. Dark slaty ground on scarlet ground, streaked with scarlet and pure white.	
PRINCESS MARY OF CAMBRIDGE. Pure white, with large light carmine blotch on lower division.	
MEYERBEER. Brilliant scarlet, flamed with vermilion, amaranth red blotch.	
LA CANDEUR. White, lightly striped with carmine violet.	
GIGANTEUS. Tall spike of large rose colored flowers shading off to cherry, upper petals rose, blotch dark carmine, veined white.	
HESPERIDE. Blotched and flaked rosy salmon on a white ground.	
SHAKESPEARE. White, slightly suffused with carmine, large rosy blotch.	
E. M. STANTON. Large spike, deep crimson scarlet, outer edges blended with purple, with a pure white blotch on each division.	
MARTHA WASHINGTON. Tall growing, spikes branched, flowers clear yellow, with lower petals tinged with rose.	
EMMA THURSBY. Pure white ground, well defined carmine stripes through the petals, with heavy blotch on lower divisions.	
GEN. PHIL. SHERIDAN. Flowers fiery red, large, a distinct white line running through each petal.	
PRESIDENT LINCOLN. Spike long, flowers large, bluish white ground, with the edges of the petals suffused with bright rose, the lower division heavily blotched with crimson.	
Set of 12 (one bulb of each) for \$4.00.	

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 separate sorts, without names; the collection for.....	1 00
"F"—12 choice mixtures; the collection for.....	75
"G"—12 choice seedling mixtures; the collection for.....	1 00
"Henderson's 12 selected seedlings," distinct sorts, with positive colors and markings, including the best white, yellow and scarlets.....	2 00

GLADIOLUS BULBS (in Mixtures).

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.	

The "Henderson" New Hand Lawn Mower.

We have practically tested almost every Lawn Mower that has been offered within the last ten years, hoping to find one that would combine lightness of draft with superior cutting qualities. None have ever quite met our expectations, so we have had made for us a *New Lawn Mower*, which we have thoroughly tried, and which we consider the best ever offered. We have accepted the suggestion that it be called the "*Henderson*," which may be taken as a pretty sure sign that we believe in it. Its advantages are:

1st. It is the easiest running Mower made. In comparative trials it has run one-fourth lighter than the lightest draft mowers previously made.

2d. It will cut higher grass than any other, cutting clean and regularly grass eight inches tall.

3d. It makes but little noise, is very simple in its adjustment, cuts smoothly, and the knives are so speeded that they cut the grass twice; in other words, all grass that was left long at first cut, by being bent over, is evened down by the next or following knife.

4th. It throws all the cut grass back, so that there is no clogging; the gears are not liable to clog, and it has adjustable boxes to take up the wear.

5th. It is self-sharpening, and its construction is so simple that it can be quickly adjusted by the most inexperienced. Repairs will never be much of an item on this Mower.

6th. It cuts steep terraces or narrow borders (see illustration) just as easily as the level lawn, and it can be run within an inch of trees or posts without injury, as the knives are protected by an iron rod.

7th and last. We warrant the "*Henderson*" Lawn Mower to work as represented, with the privilege of returning any machine if it does not do so.

Liberal discount from following prices:

12 inch, (cuts swath that width), each	\$15.00
14 " " " " " "	17.00
16 " " " " " "	19.00
18 " " " " " "	21.00
20 " " " " " "	23.00

Above Prices subject to a Liberal Discount, which will be given on application.

We also keep on hand a full line of Excelsior Hand Rollers, and Horse Lawn Mowers, prices for which sent on application.

The "Planet Jr." No. 2 Seed Drill.

One of the best seed sowers made. It opens the furrow, drops the seed, covers and rolls it, and marks for next row at one operation. Holds $2\frac{1}{2}$ quarts. Price, \$9.00.

The "Planet Jr." Combined Drill, Cultivator and Plow.

Combines the Seed Sower, Cultivator and Wheel Hoe in one implement. The hopper holds 1 quart only, but sows as well as the No. 2 Drill, and it will cultivate, hoe, and plow, etc. Price, \$10.50.

The "Planet Jr." Double Wheel Hoe, Cultivator and Plow.

It hoes and cultivates all garden crops, throwing earth either to or from the plants. It is furnished with 4 cultivator teeth, 2 hoes and 2 plows, all interchangeable and adjustable to any row. Price, \$7.00.

The "Planet Jr." Single Wheel Hoe, Cultivator and Plow.

Supplied with cultivator, teeth, hoes and plow, enabling it to do any kind of gardening, hoeing or cultivating. Will not straddle the rows like the Double Wheel Hoe. Price, \$5.25.

Universal 4-Blade Hoe.

Indispensable for close crops, say from 10 to 15 inches. Will do better work with greater ease and four times as fast as a hand hoe. Those we have in use save us several hundred dollars per year in labor alone. Wings to prevent dirt from being thrown on small plants, 75 cts. extra. Price, \$4.50.

Four-Arm Lawn Sprinkler and Fountain.

One of the very best and most reliable Sprinklers made. By changing the jet, it makes a beautiful fountain. Price, \$4.50. BALL AND BASKET attachment for Four-Arm Sprinklers, \$4.00 extra.

(Descriptive and Illustrated Catalogue of Implements mailed on application.)

Roland Plow.

1-Horse, light.....\$5 50
 1 " full.....7 50
 2 " light.....10 00
 2 " full.....10 50
 Wheel, extra, \$1.00; Skim,
 \$2.00.

Cast Iron Plow.

No. 18, light, 1-horse, \$3 00
 No. 18½, med, 1-horse, 3 50
 No. 19, full, 1 " 4 00
 No. 19½, light, 2 " 4 50
 No. 20, med, 2 " 5 50
 No. 21, full, 2 " 6 00

Cabbage Plow.

The wing of the mold
 is omitted, for the cultiva-
 tion of leafy crops.

Price, \$4 50.

Double Mold Plow.

Formaking drills, ditches,
 ridges, etc.

Small.....\$4 00
 Medium.....5 50
 Full.....7 00

Daniels Plow Sulky.

Without plow... \$35 00
 With plow.....46 00

**Steel Wing Shovel Plow,
with back Wheel.**

Adjustable to any width
 of row\$8 00
 Potato Digging Attachment,
 \$2 50 extra.

Miner's Subsoil Plow.

1-horse.....\$7 00
 2 "10 00
 Wheel, extra.....1 50
 Draft Rod, extra....1 50

Goodall Subsoil Plow.

Extra strong wrought
 iron beam.
 By removing point it
 makes a Grub Hook.
 Price, \$10 00.

Potato Digger.

Will do the work of a
 dozen men.
 Wooden beam and steel
 wings.

Price, \$12 00.

Square Harrow.

Riveted Beams, Steel
 Teeth.

15 teeth.....\$8 00
 19 "9 00
 23 "10 50

Hinge Harrow.

24 teeth.....\$15 00
 30 "17 00

Butterfly Harrow.

14 teeth.....\$9 00
 18 "10 50
 22 "14 50
 26 "16 25
 30 "18 00

Smoothing Harrow.

Slanting Steel Teeth.

2-horse (10 ft.).....\$15 00
 1 " (5 ft.).....9 00

Acme Harrow.

2-Horse.....\$25 00
 3 "29 00

Jersey Cultivator.

Expanding frame.

Wooden frame....\$5 00
 Iron frame.....6 00

Spade Tooth Cultivator.

Iron expanding frame.
 Price, \$6 00.
 Horse hoe teeth, ex. \$1 50
 Wheel, extra.....1 50
 Roller or Coverer.....2 50

**Wright's Cultivator and
Hiller.**

For Heavy soil.
 Expanding wood frame.

Price, \$6 00.
 Hiller, extra.....\$3 50

Cultivator Harrow.

For Garden Crops. Fine
 for stirring soil between
 rows.

Expanding frame.
 Price (with wheel) \$6 00.

**Planet Jr. Horse Hoe.
(Steel Standards.)**

Horse Hoe and Cultiva-
 tor.....\$12 00
 Wheel, extra.....1 00
 Roller, "3 00

"To and Fro" Cultivator.

Teeth curved like a mold
 board.

Excellent Pulverizer.
 Price, \$8 00.

Hand Seed Sower.

Price, \$1 25.
 (By mail, \$1 50.)

Keystone Corn Planter.

The best corn planter
 and fertilizer distributor
 in the world.

Price, \$20 00.
 Without fertilizer distribu-
 tor.....\$15 00

Vegetable and Root Cutter.

No. 1 holds 1 bushel, \$10 00
 " 2 " 2 " 15 00

Horse Rake.

Self-discharging; latest
 improved.
 Price, \$30 00.

Garden Engine.

Holds 40 gallons; throws
 stream 50 feet.
 Price, \$20 00.

Rubber Hose.

3-ply, ¾ inch, per foot, 18c.
 1 " 21c.
 Nozzle, ¾ in., \$1 00; 1 in.,
 \$1 25.

Hose Reel.

For 100 feet\$3 75
 " 200 "4 50

Hickman's Hose Mender.

Self-packing; easily
 applied.

¾-inch, 20c; \$2 00 per doz.
 1-inch, 25c; \$2 50 per doz.

Rubber Sprinkler.

For sprinkling cut
 flowers, seedlings, clothes,
 etc.

Price, \$1 30.

Asparagus Buncher.

Price, \$3 50.

(Descriptive and Illustrated Catalogue of Implements mailed on application.)

Iron Field Roller.

3 Sec., 12x20, 550 lbs. \$30 00
4 " 12x20, 650 lbs. 35 00
5 " 12x20, 750 lbs. 40 00
4 " 12x24, 850 lbs. 45 00
5 " 12x24, 1,000 lbs. 50 00
6 " 12x24, 1,200 lbs. 60 00
(And other sizes.)

Garden Roller.

2 Sec., 7½x12, 125 lbs. \$8 00
2 " 12x20, 300 lbs. 18 00
3 " 12x20, 450 lbs. 25 00
2 " 12x24, 400 lbs. 22 00
(And other sizes.)

Manure Spreader.

Without forward truck, etc. \$110 00
Forward truck, whiffletree and neck yoke, extra. 25 00
Drill Attachment.. 10 00

Water Barrel and Truck.

Price, 1½ in. tire.... \$12 00
" with box..... 15 00
With 2½ in. tire, \$1 50 extra
" 4 " 3 00 "

Horse Radish Grater.

Grates 15 lbs. per hour.
Price \$7 50
" with legs..... 10 00

Griffing Corn Sheller.

With Fan..... \$12 00
Without Fan..... 10 00

Lever Feed Cutter.

Furnished with gauge plate.
Price, \$7 00.

Copper Strip Feed Cutter.

Prices, from \$9 00 to \$35 00

Grass Edger.

For trimming borders.
Price, \$7 00.

Lawn Sweeper.

Hand machine.... \$18 00
Horse " 70 00

Hutehinson's Cider Mill.

No. 0, \$15. No. 1, \$18.

Union Cider Mill.

Price, \$30 00.

Grind Stones (mounted.)

40 to 50 lb. stone.. \$5 00
70 to 80 " .. 6 00
100 to 110 " .. 7 00

Plant Protectors.

Price, 20c.; \$1 75 per doz.

Hand Glass.

Folding frame of galvanized iron.
Price (without glass), 40c. each; \$4 00 per doz.

Hale's Perfect Mole Trap.

The best Trap made. No pin or obstruction in the "run," the mole in passing through presses the earth against the trigger sufficiently to spring the trap.
Price, \$2 00.

Dry Bone Mill.

For grinding small quantities of dry bones or oyster shells, for chickens, etc.
Price, with iron legs, \$7 00
" without " 5 00

Garden Barrow.

Made of best timber; nicely finished.

No. 1, (boy's size)... \$4 00
No. 2, small..... 5 00
No. 3, medium..... 5 50
No. 4, large..... 6 00

French Watering Pots.

4 quarts..... \$1 75
8 " 2 25

American Watering Pot.

1 qt.... 30c. 8 qt.. \$0 75
2 " 40c. 10 " .. 1 00
4 " 50c. 12 " .. 1 25
6 " 60c. 16 " .. 1 75

PROTECTING CLOTH COVERING,
(WATERPROOF.)

This we have found an excellent substitute for glass, in protecting and forwarding all kinds of seeds and plants for which glass sashes are used in early spring. It is safer, in fact, than glass, as it protects at night, while the temperature is not raised too high by day, as is the case with glass sashes, unless great care is given in ventilating. And being light and portable, it can be sent into sections where it would be difficult to get sashes. Moreover, it only costs one-eighth the price of glazed sash, and as it is waterproof, with care will last for ten years.

We furnish this covering in one-yard widths, and in any number of yards desired, at 15c. per yard.

WOOD LABELS.

4 inch..... per 100, 15c.; per 1,000, 75c.
5 inch..... per 100, 20c.; per 1,000, \$1 00
6 inch..... per 100, 25c.; per 1,000, 1 50
8 inch..... per 100, 50c.; per 1,000, 4 50

12 inch..... per 100, 65c., per 1,000, \$5 50
3½ in., notched.... per 100, 15c.; per 1,000, 75c.
3½ in., pierced..... per 100, 15c.; per 1,000, 75c.

Round Green Tapering Stakes.

1½ feet, per 100..... \$1 50
2 " do 2 50
2½ " do 4 00
3 " do 5 00
3½ " do 6 00
4 " do 7 00
5 " do 9 00

Square Green Tapering Stakes.

1½ feet, per 100..... \$1 25
2 " do 1 50
2½ " do 4 00
3 " do 5 00
3½ " do 6 00
4 " do 8 00
(Any quantity at same rate.)

Round Green Stakes with White Tops.

2 feet, per 100..... \$4 00
3 " do 6 00
4 " do 7 50
5 " do 9 00
6 " do 10 00

GARDEN TOOLS.

ILLUSTRATIONS OF TOOLS ON PRECEDING PAGE.

(Descriptive and Illustrated Catalogue of Implements and Tools mailed on application.)

	Price.	Figure.		Price.	Figure.
Axe, handled, light, \$1.25; heavy.....	\$1 50		Rake, Lawn, wooden, 3 bow, 22 teeth.....	\$0 50	
" Mattock, handled.....	1 50	2	" " Davis' steel wire.....	85	49
Bill Hook; light, \$1 25; heavy.....	1 50	3	" " or Daisy, English, 22 teeth.....	3 50	48
Brush Hook, handled.....	1 25	5	Reels for Garden Lines, wrought, small.....	55	37
Crowbars, steel, from 12 to 20 lbs.; per lb.....	08		" " " large.....	80	37
Dibbers; small, 40c.; large.....	50	43	Saws, Pruning, double edged, 16 inch.....	75	34
Daisy or Dock Lifter.....	1 25	7	" " " 18 in., 80c.; 20 in.....	90	34
Drain Cleaner, to push or pull.....	1 50	10	Scythes, Clipper, Hay, 30 to 40 inch, each.....	1 00	35
Floral Tools, set of 4 in paper box.....	60		" " English Lawn, 30 to 40 inch, ".....	1 50	35
" " long handled, useful, set of 4.....	1 50		" " Snath or Handle, patent, ".....	1 00	
Forks, digging, 4 prong, \$1 25; 5 prong.....	1 50		" " Stones, Round Talaere, each, 15c.; doz.....	1 50	
" " manure, 4 tine, \$1 00; 5 tine.....	1 25		" " Rifle's, triple coated, each, 15c.; doz.....	1 50	
" " extra heavy, 4 tine, \$1 25; 5 tine, 1 50	1 50		Shears, Lopping (English), medium, \$2 50; large, 3 00	3 00	30
" " hay, 2 tine, 50c.; 3 tine.....	60		" " Elyria, for light work.....	1 50	30
" " hickory, stable, 3 tine.....	75	11	" " and Brush Thinning.....	2 00	20
" " hand weeding, American, 25c.; English... 75	75	41	" " Clyde, Slide Cut, full size.....	3 50	28
Fruit Picker, "The Boss," without pole.....	75	36	" " (English), " No. 1, \$2 75; No. 2 3 50	3 50	27
Grafting Chisel.....	60	4	" " " No. 3, \$4 25; No. 4 5 50	5 50	27
Garden Line, linen, twisted, 75 feet.....	30		" " Hedge, (with notch 25c. extra,) 8 in.....	2 00	30
" " braided, ".....	50		" " " 9 in., \$2 25; 10 in.....	2 50	32
Glass Cutter and Glazing Tool, each, 10c.; per doz. 1 00	1 00		" " Clyde, Slide Cut.....	3 75	31
Grass Hooks (English), small.....	50	42	" " Pruning, solid steel, improved spring, 7½ in. 1 25	1 25	25
" " medium.....	60	42	" " " 8½ in., \$1 50; 9½ in.....	1 75	25
" " large.....	75	42	" " " for light work, 7 inch.....	50	24
" " American (Blood's).....	50	42	" " steel blade, malleable handles.....	75	
Hatchet, broad pruning.....	80		" " without spring, 4 in., 85c.; 5 in.....	90	19
Hoe, draw or field, 5 inch, 40c.; 6 inch.....	45		" " " 6 in., \$1 00; 7 in.....	1 25	19
" " 7 inch, 50c.; 8 inch.....	60		" " Border (English), (wheel 50c. extra,) 8 in.....	2 50	33
" " scuffle or push (English), 5 in., 55c.; 6 in... 60	60	46	" " " 9 inch, \$2 75; 10 inch.... 3 00	3 00	33
" " " 7 in., 65c.; 8 in.....	70	46	" " Sheep, American.....	75	26
" " " 9 in., 75c.; 10 in.....	80	46	" " English, long blades.....	1 00	26
" " " 12 in.....	90	46	Scissors, Vine and handy clipping, 6 in.....	60	22
" " " handles (extra).... 15	15		" " Flower and Grape Gathering (Weeks').....	75	23
" " Diamond Scuffle, cuts 4 ways.....	50	47	" " Flower Gathering (English), 6 in.....	1 25	21
" " Warren, medium, 80c.; large.....	1 00	39	" " " 7 in.....	1 50	21
" " Prong or Potato Hook, flat tines.....	75		" " Grape Thinning (English), 6 in.....	1 00	20
" " Hexamer's Pronged Potato Hook.....	1 25		" " " 7 in.....	1 25	20
" " Bayonet, 60c.; handled.....	75	45	Spades, 1st qual., steel, \$1 00; extra qual., Ames', 1 25	1 25	52
" " Onion, 1 prong, 40c.; 2 prong.....	50		" " Celery Banking.....	1 25	
" " and Rake, steel, 4 teeth, 60c.; 6 teeth.....	75		" " Post Hole, concave.....	1 25	53
Hedge Cutters (English), 8 inch, \$4 50; 12 inch... 5 50	5 50	38	Shovel, 1st qual., steel, \$1 00; Ames' extra qual... 1 25	1 25	
Knife, Asparagus (English).....	1 50	X	" " round point.....	1 00	
" " Pruning (English), No. A, \$1 25; No. B... 1 25	1 25		" " Scoop, medium, \$1 25; large.....	1 50	50
" " " No. C, \$1 25; No. D.....	1 75		" " Potato, steel wire, dirt sifts out.....	1 75	51
" " " No. E, \$1 25; No. F.....	1 50		Syringes, Brass, "AA," barrel, 7¼×½ in., 1 nozzle 1 25	1 25	65
" " " No. G, \$1 25; No. H.....	1 25		" " " "A," " 13×1 1-6 " 2 " 2 25	2 25	
" " " No. I.....	1 50		" " " "OO," " 14×1½ " 1 " 3 00	3 00	64
" " Budding and Pruning, combined (English), 1 75	1 75		" " " "2," " 13½×1 5-16 " 3 " 4 00	4 00	63
" " No. J.....	1 25		" " " "4," " 18×1½ " 3 " 6 50	6 50	62
" " Budding (English), No. K, \$1 75; No. L... 1 25	1 25		" " " "5," " 18×1½ " 3 " 7 00	7 00	61
" " " No. M, \$1 25; No. O.....	1 25		" " " "7," same as No 5, with knuckle joint..... 9 00	9 00	60
" " " No. P, \$1 25; No. Q.....	1 00		" " Zinc barrel, 19×1½ in., 1 nozzle.....	1 25	66
" " Hay lightening.....	2 00	13	" " Sheet brass barrel, 19×1½ in., 1 nozzle.....	1 75	66
" " Corn.....	35	12	" " Hydronette " 19×1½ in., 2 "..... 6 00	6 00	59
" " Grass Edging (English), 8 in., \$1 50; 9 in... 1 65	1 65	44	Thistle and Root Cutter, with foot rest.....	85	15
" " " 10 in.....	1 80	44	Thermometers, Tin Japanned, 7 in., 20c.; 8 in... 25	25	
" " handles extra.....	15		" " " 10 " 30c.; 12 " .. 35	35	
Pick, Railroad, handled.....	1 25	1	" " Wooden, black, white or brown.....	50	18
" " Mattock, handled.....	1 50		" " Registering, both heat and cold.....	4 00	17
Post Hole Spoon.....	1 25	14	" " Cylindrical (for plunging in hot beds).... 75	75	
Pruners, Water's, 4 ft., \$1 75; 6 ft.....	2 00	16	Tree Scrapers.....	50	9
" " 8 ft., \$2 25; 10 ft.....	2 50	16	Trowels (English), 6 inch.....	55	6
" " Extra Knives, each.....	25		" " " 7 inch, 65c.; 8 inch.....	75	6
" " Telegraph, works with spring and cord... 1 50	1 50	40	" " (American), 6 inch.....	15	6
Pruning Saw and Chisel.....	1 25	8	" " " 7 inch, 20c.; 8 inch.....	25	6
Rake, Garden, steel, 6 teeth, 35c.; 8 teeth.....	40		Weeders, Noyes'.....	35	55
" " " 10 " 50c.; 12 ".....	60		" " Allan's.....	15	58
" " " 14 " 70c.; 16 ".....	80		" " Hazletine's.....	25	57
" " Short Tooth, steel, 10 teeth, 60c.; 12 teeth.. 70	70		" " Excelsior.....	20	56
" " " 14 " 75c.; 16 ".....	85		" " Plantain (cuts below the crown).....	60	
" " Bow, steel (Best Rake made), 11 teeth.....	85		" " Onion, 3-cornered.....	30	54
" " " 13 teeth, \$1 00; 15 teeth.....	1 15				
" " Hay, wooden, 3 bow, 12 teeth.....	30				

MISCELLANEOUS.

Archangel Mats.....	5x7 feet, each 75c.; per doz., \$7.50
Onba Bast, for tying.....	per lb., 75c.
Raphia, for tying.....	per lb., 75c.
Grafting Wax, in ¼, ½ and 1 lb. packages.....	per lb., 40c.
Rustic Hanging Baskets.....	8 in., 75c.; 10 in., 90c.; 11 in., \$1.00; 12 in., \$1.25
Patent Sash Tacks; keep glass from slipping. Package of 1 gross.....	25c.
Sash for Hot-beds, 3x6 ft.....	unglazed, \$1.25 each; glazed, \$2.75

Fertilizers.

ROTTEN BONE MANURE.

This is one of the best Fertilizers for its price that has ever come under our notice. Used on farm crops it is put on broadcast and harrowed in thoroughly at the rate of 1,500 lbs. per acre, and at the comparatively low price at which it is sold it will be seen that it makes an exceedingly cheap fertilizer. Mr. Wm. Crozier, who first called our attention to the Rotten Bone Manure, states, that used on Mangels, Potatoes, Turnips and Fodder Corn, it proved to be one of the most valuable fertilizers that he ever tried. One reason why it is sold at such a comparatively low price is that it is not ground up as fine as most of the fertilizers that are offered in the market. It will be seen that we offer it in two grades, as follows:

Plain.....\$20 00 per Ton (2,000 lbs.)
Decomposed with Potash.. 22 00 " "

HENDERSON'S LAWN ENRICHER,

For New and Old Lawns.

For many years we have been using in our own grounds a fertilizer which we have found to be never failing in inducing a rapid and rich green growth to the lawn. To meet the wants of hundreds of patrons who desire a clean, portable and convenient lawn dressing, we now offer them the mixture designated as "HENDERSON'S LAWN ENRICHER."

As a guide for the proper quantity to order, we would state that a 10-lb. package is sufficient to go over an area of 300 square feet, either in forming a new lawn or used as a renovator on an old one.

PRICES.

5-lb. package	\$0 30
10-lb. "	56
20-lb. "	1 00
50-lb. bag.....	2 00
100-lb. "	4 00

PURE GROUND BONE.—This is moderately fine, 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.)

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 is excellent for top-dressing lawns. Price, in 1, 2 and 5-lb. packages, 10 cts. per lb.; 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.)

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 in 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.)

PERUVIAN GUANO.—25 lbs. for \$2.00. Per bag of 200 lbs., 4 cts. per lb. \$65.00 per ton of 2,000 lbs.

Insecticides.

HENDERSON'S MILDEW MIXTURE.

A fluid for preventing and destroying mildew. One pint is sufficient for eighteen gallons of water. Apply with an ordinary or bellows syringe. Price, per pint bottle, 75c.

COLE'S INSECT DESTROYER.—A fluid that is sure death to mealy bug and red spider. Spray on with the vaporizer described below. Price, ½ pint bottle, 75c.

FIR TREE OIL.—This new insect destroyer has proved to be one of the most reliable for red spider, green fly, mealy bug, scale, ants, thrip, onion fly, caterpillars, slugs, blight, &c. Dilute with water and apply with ordinary or bellows syringe, or by dipping the plants in. Price, ½ pint, 50c.; pint, 75c.; quart, \$1 50; ½ gal., \$2.75; gal., \$5.00.

HENDERSON'S INSECT DEATH POWDER.—This is the result of extensive experiments with various combinations. We now find it unsurpassed for green fly, ants, vinebugs, cabbage worms, slugs, caterpillars, cabbage fly, blight, tomato worms, &c., &c. Should be blown on with a powder bellows or gun. Price, per oz., 10c.; ¼ lb., 25c.; lb., 75c.

HENDERSON'S PERSIAN POWDER.—Our superior grade is made from buds and half open flowers of Pyrethrum roseum. The cheap grades made from open flowers and stems are almost worthless. It is resinous, impalpable and non-poisonous, and kills all sorts of insects and worms by filling up the pores and acting on the skin. It is so fine it penetrates hidden crevices when blown on with a gun or bellows, and many Southern cabbage growers say it is the only effectual remedy for the cabbage worm. Apply when everything is dry, as moisture destroys its properties. Price, ¼ lb., 35c.; lb., \$1.00. (Special prices for large quantities.)

GENUINE PARIS GREEN.—Unexcelled for potato bugs and other insects that eat foliage. Price, in 1 lb., 2 lb. and 5 lb. boxes, 25c. per lb.

SLUG SHOT.—Equals Paris Green where used liberally, without the danger from poison. Kills bugs and worms of all kinds, and is particularly recommended for potato bugs. It comes ready to be applied with gun, bellows or duster. Prices, 5 lb. package, 30c.; 10 lb., 55c.; per bbl. of about 225 lbs., 4½ c. lb.

GISHURST'S COMPOUND.—An English preparation for green fly, scale, bark lice, mealy bug, red spider, &c. Dissolve in water and apply with ordinary or bellows syringe, or dip the plants in the solution. Price, per lb. box, 50c.

TOBACCO SOAP.—Makes an excellent wash for plants and trees infested with green fly, lice and eggs of insects. Dissolve 2 oz. in a gallon of water. Price, per lb., 30c.

WHALE OIL SOAP.—Makes an excellent wash for trees and plants, kills insects and eggs on the bark. Price, per lb., 20c.; 2 lbs., 35c.; 5 lbs., 75c.; 25 lbs. and over, 10c. per lb.

TOBACCO STEMS.—For smoking plants infested with green fly, &c. Dampen before lighting. Price, per bale of 50 lbs., \$1.25; bale of 100 lbs., \$2.00.

TOBACCO DUST.—Kills green and black fly, &c., if dusted or blown on the foliage while moist. Price, per lb., 10c.

We also have a *coarse article*, for sprinkling on the ground. It drives away insects in the earth and is an excellent fertilizer. Price, per barrel, \$3.00.

FLOUR OF SULPHUR.—Prevents and cures mildew on roses, grapes, &c. Apply with gun or bellows while the leaves are damp. Price, 15c. per lb.; 10 lbs. and over at 10c. per lb.

POWDERED WHITE HELLEBORE.—For rose slugs, currant worms, &c., &c. Dust on with gun or bellows while the foliage is moist. Price, 50c. per lb.

No. 1. **Powder Gun.**—For applying insect powders, sulphur, &c. Price, 2 oz. size, 20c.; 4 oz. size, 30c.

No. 2. **Powder Bellows.**—For applying insect powders, sulphur, &c. Price, small, 75c.; large, \$1.50.

No. 3. **French Bellows Syringe.**—For applying fluid insecticides. Price, \$3.00.

No. 4. **Vaporizer.**—For applying fluids in small quantities. Price, 75c.

PETER HENDERSON, 35 & 37 Cortlandt St., New York.

Name of Person,	Enclosed is Cash,	\$
" Post Office,	" Draft,	\$
" Express Office (IF DIFFERENT FROM P. O.),	" Post Office Order,	\$
" County,	or C. O. D.,	\$
" State,	Date,	1886

If more than one Express Company runs to your place, please designate which we shall ship by.

NUMBER	ARTICLES	PRICE

INTRODUCTION

TO

✕ PLANT · CATALOGUE. ✕

THE HISTORY OF OUR BUSINESS well illustrates the progress of floriculture in this country in the past forty years. From a few small green-houses in 1848, our establishment is to-day the largest, and most systematically conducted on this continent. We now employ nearly seventy men in our green-houses, which will convey some idea of the vast amount of plants we handle each year, and the careful attention we pay to the details of culture, which enables us, we believe, to produce finer stock at lower prices than any one else.

Our Green-houses (which were shown by an engraving on last page of cover in Catalogue of 1885) embrace an area of 600 x 300 feet, or something over four acres solid in glass.

A Cold Storage Shed. —This is a building 300 feet long by 20 feet wide, which we built last summer (1885) expressly for the purpose of storing hardy and half-hardy plants in, such as Roses, Chrysanthemums, Clematis, Grape Vines, Hollyhocks, Strawberries, etc. Besides largely increasing our area, we will now be able to fill orders for everything, even in the coldest winter weather. This will be a great convenience for our Southern trade, who usually order when all outside stuff in this latitude is frozen in.

Large Orders. —From our immense extent and facilities for producing, we are in a position to make contracts for bedding plants in quantity at special low rates. Among other orders of this kind which we executed last year was one of 18,000 plants supplied to the Manhattan Beach Co., Coney Island, N. Y. The fine effect produced by this large number of plants was the admiration of thousands who visited this popular seaside resort.

European Stock. —Mr. Peter Henderson, while in Europe last summer, personally inspected the establishments of the leading growers, and purchased largely of the finest novelties and most valuable stock he could find. So our Catalogue of this year contains the finest collection of plants we have ever offered—the very cream of the Old World and the New.

Complimentary Letters. —We desire to thank our many customers of past years for their liberal patronage, and also for the hundreds of flattering testimonials we received as to the size and quality of our plants, and the liberal manner in which we fill our orders. (See testimonials at bottom of pages.)

Only the Best. —The yearly increasing number of varieties in such things as Geraniums, Verbenas, Coleus, Fuchsias, Chrysanthemums, etc., has caused us to cast aside the inferior sorts, and to offer only a few (usually a dozen) of the very finest sorts, such varieties as exhibit the best traits of vigor of growth, profusion of bloom, richness of color, etc. This is not only a convenience, but a protection to our customers, who can feel sure of receiving no poor thing or worthless variety when ordering from us.

Low Prices. —A personal inspection of our plants, at the Green-houses, or a trial order, will convince all of the high quality of our plants, and a most casual comparison of our prices will reveal the fact that *our prices are the very lowest.* Notice our prices on Roses, Geraniums, Coleus, Chrysanthemums and other leading things, and you will see this is true. It must always be borne in mind, however, that *SIZE* enters into the question of price. Roses, for example, four or five inches high, and grown in two-inch pots, are dearer at ten cents each to the buyer, than a Rose a foot in height grown in a five-inch pot at thirty cents each, for in the case of the larger plants, results are obtained at once, while with smaller plants half the season is over before any bloom can be obtained.

New, or Scarce Plants, From pages 106 to 116, are, of course, many of them yet of high price, owing to their scarcity.

Have Your Plants Sent by Express. —It is a well known fact, that in the majority of cases plants sent by mail, although they may look all right on arrival, often die outright, or at best fail to give satisfaction in the hands of amateurs. This is caused by the shock they sustain in having the soil shaken from the roots to lighten them. Hence it is far more economical to have them sent by Express, as you receive a better plant in a growing condition. We always put in a number of "extra" plants to compensate for expressage. Of course, in places where there is no Express Office, plants have to be sent by mail; in such cases we use the greatest skill and care to have them arrive in good condition.

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 rarely have a complaint.

We Guarantee safe delivery of all *Plants* or *Seeds* when sent by mail or express, but all 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. *Plants* sent by freight are entirely at the risk of the purchaser.

Our Gardens in Jersey City are within forty minutes' time, by Ferry Boat and Horse Cars, from our Seed Stores, 35 & 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 usually find him at the Green-houses till 12 M., and at his office in New York from 2 to 4 P. M.

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 roots, 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; but if the season is suitable, they are better planted out at once.

Soil for Potting 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.

Firm the Soil with Your Feet. —In setting out plants in the open ground it is first necessary to dig up the ground thoroughly, and after they have been put in place by hand, then moderately firm the soil above and close around the plant with the feet. This "firming" of the soil prevents the air from reaching and shriveling up the tender roots, and the plant never fails to grow away vigorously. The neglect of this simple operation causes the loss of thousands of plants annually. See our article on this subject in "Garden and Farm Topics."

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.

Insects and Diseases. —Troubles of this kind rarely come upon vigorous, healthy plants. It is the weakened, sickly plants that are the victims. The best remedy, then, is prevention. Keep your plants in good health by a little care and attention, and there will be no trouble. If plants should become affected, the following remedies have been found effective: For the Aphis or Green Fly, or the Thrip, 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 Thrip. Either of the first two methods is most suitable for plants in rooms or outside, 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, Cole's Insect Destroyer, put on with a barber's atomizer, is a certain remedy; or they may be sponged off with weak soapsuds.

MILDEW. —The 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 or out of doors use our Mildew Mixture. (See Index.)

PREMIUMS AND CLUB TERMS.

To purchasers of PLANTS from this Catalogue (between pages 96 and 136) we offer the following reductions:

For \$5.00 cash, Plants from this Catalogue to the value of \$5.50 can be selected.							
" 8.00	"	"	"	"	9.00	"	"
" 12.00	"	"	"	"	14.00	"	"
" 15.00	"	"	"	"	18.00	"	"
" 20.00	"	"	"	"	24.00	"	"
" 25.00	"	"	"	"	30.00	"	"

These discounts do not apply to the Low rate collections, as the prices there are already as low as good stock can be sold for.

The above offers will still include our Book Premiums if the order is of sufficient amount as per conditions named on second page of cover.

Early Orders.—We again urge upon our customers the great importance of sending their orders early; by so doing we can always send larger and finer plants, and it enables us to refill our space before the selling season is over. For instance, a person receiving an assortment of plants on April 1st, can with very little trouble keep them along in the dwelling house or a cold frame until the 1st or middle of May, when they are to be planted outside. To encourage **early orders** we will give a **discount of 10 per cent.** from Catalogue prices on all cash orders for plants (between pages 96 and 136) received and shipped before April 1st.

Plant Premiums.—In addition to the very liberal club terms and our low prices, we will also present to purchasers:

With every \$2.00 order a Plant of the New Hardy Pink "Snow."	
" 5.00 " " Hybrid Tea Rose "Camoens."	
" 8.00 " " "Lion's Tail."	
" 12.00 " 4 varieties of New Mammoth Verbenas.	
" 15.00 " 6 " Japanese Chrysanthemums.	
" 20.00 " 2 plants of New Hardy White Passiflora "Constance Elliott."	
" 25.00 " full set of 4 grand Roses shown in colored plate.	

Remember.—We give no premiums or discounts from "Low Rate Lists," except the plant premiums, and the 10 per cent. discount if order is shipped before April 1st.

ROSES! ROSES!!

The steadily growing taste and demand for fine Roses induces us to devote more space in our green-houses than ever before to their cultivation, our area now being equal to that of any other firm in the United States.

WHAT WE CLAIM.—We claim that we send larger and finer Roses for less money than any other firm in the business. Our smallest size is larger than the plants sent out by the mailing trade throughout the country, and our cold system of growing stock makes them infinitely better.

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. The cold houses in which we "rest" our Roses, are the narrow ones shown at the right of engraving on outside page of cover of Catalogue, 1885.

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 unequaled, 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 centre of wealth of the country, its exacting taste demands *only the choicest*, grown to the greatest perfection.

INSTRUCTIONS IN CULTURE.—It is impossible in the limited space of a catalogue to give full instructions in the cultivation of Roses and other plants. To such as desire such information we would refer them to Mr. Henderson's books, a detail of contents of which will be found in the first pages of this catalogue.

Our Colored Plate of Roses

COMPRISES

Four markedly distinct and vivid colors; and when to this we add that all of them have most exquisite fragrance and are continuous or monthly flowering, we have in this set all the best qualities to be found in Roses.

No. 1. The Bennett is the famous Rose for which \$6,000 was paid for the stock to the London raiser in 1883, and has perhaps achieved more popularity than any Rose ever introduced, and most deservedly, for from its prolific flowering qualities—being nearly always in bloom—it is equally valuable for summer flowering, or for forcing for winter. It has a rich distinct odor, somewhat resembling that of the Lemon Verbena. Price, 1st size, \$2.00 each; 2d size, \$1.00 each; or, 1st size, \$18.00 per dozen; 2d size, \$9.00 per dozen.

No. 2. American Beauty. This grand Rose is a seedling, found in the gardens of Mr. Bancroft, the historian, at Washington, D. C., who has perhaps the finest collection of Roses in the country. In AMERICAN BEAUTY we have for the first time a Rose of large size having the ever-blooming qualities of the Tea Rose with the delicious odor of the Damask or Moss Rose, consequently equally valuable for winter or summer flowering. Price, 1st size, \$2.00 each; 2d size, \$1.00 each; or, 1st size, \$18.00 per dozen; 2d size, \$9.00 per dozen.

No. 3. Ball of Snow, a pure White Hybrid Tea Rose of free growth, having the ever-blooming quality of the Monthly Roses, with the rich odor of the Hybrid Perpetuals. Price, 1st size, \$1.00 each; 2d size, 50c. each; or, 1st size, \$9.00 per dozen; 2d size, \$6.00 per dozen.

No. 4. Sunset. This is the new Orange Yellow Tea Rose, sent out by us first in 1884. It is one of the finest Tea Roses grown. We have sold over 50,000 plants of it during the past two years, and it has given universal satisfaction. Price, 1st size, 50c.; 2d size, 25c. each; or, 1st size, \$5.00 per dozen; 2d size, \$2.50 per dozen.

Full set of the Four Kinds of Roses shown in Colored Plate, 1st size, \$5.00.

“ “ “ “ “ “ 2d size, \$2.50.

All desiring these fine Roses for winter forcing will be given special rates by the 100 or 1,000 on application.

Any one having the Tea Rose “Sunset,” or other of the four kinds shown in our colored plate, may have substituted for them, if desired, the “Crimson” or “White Malmaison,” or the New Carmine Rose, “Md. Cusin,” all of which are of the first quality.

(It will be seen that the cut measures only four inches in diameter, which is about two-thirds natural size.)

NEW HYBRID PERPETUAL ROSE, "Her Majesty."

This superb Rose is probably the largest in cultivation; the flowers are fully six inches across, perfectly double, of great substance. Color, a rich delicate rose, similar to that of Baroness Rothschild. It is a wonderfully strong grower, sending up strong shoots, often six feet high, with beautiful massive foliage. Entirely hardy. Awarded the Gold Medal by the Royal Horticultural Society. Strong plants, from 4-in. pots.

\$3.00 each; \$30.00 per dozen.

"MD. CUSIN."

NEW TEA ROSE, "Md. Cusin."

A most distinct and unique color, what might be called a blended carmine and violet. The petals lay over one another almost like a camellia; color brilliant violet carmine, white at base of petals. Exquisite tea fragrance. It is a strong grower and wonderfully free flowering. Md. Cusin is one of the fashionable roses in New York this winter (1885-'86). (See cut.)

1st size,	75c. each;	\$7.50 per dozen.
2d "	50c. "	4.50 "
3d "	30c. "	3.00 "

NEW TEA ROSE,
"Souv. de St. Pierre."

An excellent variety for bedding purposes, being a free grower and a constant and profuse bloomer; color bright crimson, long pointed buds. (See cut.)

1st size,	50c. each;	\$4.50 per dozen.
2d "	25c. "	2.25 "

NEWPORT SET
OF

NEW EVER-BLOOMING ROSES.

The following select collection embraces the very "cream of the Roses," and for exquisite shades of coloring, delicious perfume, large size, vigor of growth and wonderfully free flowering qualities cannot be excelled. Any one planting the "Newport" Set can feel assured of having a bountiful supply of splendid Roses all through the season.

Edith Gifford. Ivory white, tinted with flesh color; large pointed buds.

Md. Cusin. (See special description.)

Princess of Wales. Yellow, shaded with carmine.

Souv. de St. Pierre. (See special description.)

Jean Abel. Soft rosy crimson, edged with golden yellow.

L'Elegant. Medium size; color carmine; shaded crimson, penciled with white.

Md. Remond. Sulphur yellow, margined with red; large, full and fragrant.

Comtesse de Caserta. Large and full; color dark purplish crimson, streaked with coppery yellow.

Jean Pernet. A lovely Rose with long pointed buds; color sulphur yellow; deep saffron centre.

Md. C. Guinseau. A most promising new variety; color dark golden yellow; fine form and fragrance.

Sunset. (See colored plate, page 96.)

Bennett. " " " \$2 00 and \$1 00 each.

Am. Beauty. " " " 2 00 and 1 00 "

Ball of Snow. " " " 1 00 and 50 "

Louis de La Rive. Rosy blush, shaded salmon.

Baron de St. Trivieres. Reddish amber, tinged rose color

White Bon Silene. Pure pearly white. 1st size, 50c. each, except where noted full set of 17 for \$10 00; 2d size, 25c. each, except where noted full set of 17 for \$5 00.

SOUV. DE ST. PIERRE.

"The express delivered to me the basket of plants in as fine order as if just from your grounds. I had no idea of the perfection of the express in matters of this sort, and in the future will have all my plants sent in that way. Please accept thanks for attention and kindness."

STODDART HOWELL, New Orleans, La.

CAMOENS.

HYBRID TEA ROSES.

This comparatively new race of Roses have awakened a great interest, and mark a new era in the history of the Rose. The advent of such varieties as the "Bennett," "American Beauty," "Countess of Pembroke," etc., of this class, show the great advance that has been made in a few years. The Hybrid Teas combine, to a great extent, the free flowering qualities of the Teas with the rich colors, larger size, and exquisite fragrance of the Hybrid Perpetuals. Hardy in the latitude of New York.

Beauty of Stapleford. Light pink, deep rosy centre.
Duchess of Westminster. Color bright cerise pink; large.
Duke of Connaught. Dark rich crimson; immense size.
Jean Sisley. Bright pink shaded rosy lilac; very distinct.
Nancy Lee. Dark silvery rose color; exquisite fragrance.
Michael Saunders. Flowers very large; bronzy pink.
Pearl. Light flesh color; fine shape.
Viscountess Falmouth. Pink and rose color.
Md. Etienne Levet. Vivid crimson; very profuse and fragrant.
La France. Salmon shaded rose color.
Pierre Guillot. Brilliant crimson; exquisite fragrance.
Camoens. (See special description.)
Brigitte Levet. Deep carmine; fine.
Lady Mary Fitzwilliam. Full globular flowers of a delicate flesh color; fragrant. 50c. and 75c. each.
Countess of Pembroke. (See special description.) 50c. and 75c. each.
Distinction. A novel and distinct variety; color pink, shaded reddish amber.
Bennett. (See colored plate.) \$1.00 and \$2.00 each.
American Beauty. (See colored plate.) \$1.00 and \$2.00 each.
Ball of Snow. (See colored plate.) 50c. and \$1.00 each.
Duchess of Connaught. Silvery pink.
Crimson Bedder. Dazzling scarlet crimson.
Antoine Verdier. Brilliant dark pink; extra fine.
Md. A. Bernaix. Deep clear rose; creamy white centre.
Queen of Bedders. Fiery crimson scarlet.
 30 cts. each; \$3.00 per doz., except where noted. Set 24 for \$7.50.

EXTRA SIZE.

50 cts. each; \$4.50 per doz., except where noted. Set 24 for \$12.00.

Where the full set is taken we will add a plant of the New Rose "Sunset" gratis.

NEW HYBRID TEA ROSE,
"Countess of Pembroke."

This is one of the finest varieties ever sent out by Mr. Beuett, raiser of the "Wm. Francis Bennett" and other famous varieties. It is a strong, vigorous grower, and very free flowering. Large double finely shaped buds; soft, satiny pink shaded rosy peach color.

1st size, 75 cts. each; \$7.50 per doz.
 2d " 50 " " 4.50 "

NEW HYBRID TEA,
"Camoens."

One of the most distinct and beautiful Roses. The flowers are large, sweetly fragrant and a peculiar dark, rich salmon color, shaded with silvery pink. This exquisite Rose is almost unequalled in profusion of bloom during the summer months. (See cut.)

1st size, 50 cts. each; \$4.50 per doz.
 2d " 30 " " 3.00 "
 3d " 15 " " 1.50 "

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 blossom color, shaded pink and silvery rose. (See cut.)

Extra size, \$1.00 each; \$10.00 per doz.
 1st " 50 cts. " 4.50 "
 2d " 30 " " 3.00 "
 3d " 20 " " 2.00 "

HYBRID TEA ROSE, "LA FRANCE."

"The plants arrived in good order, not a leaf or bud broken.

All are starting to grow finely. Many thanks for 'extras.'"
 MARY JOHNSON, Marathon, N. Y.

WALTHAM.

NEW HARDY CLIMBING ROSE, "Waltham."

A seedling from Glorie de Dijon which flowers continuously all through the season in the open ground, and can be used for flowering in winter, trained like Marshal Niel. In fact, it so much resembles this variety that it may be called a *crimson Marshal Niel*. The flowers are very large, perfectly double and a rich brilliant crimson color. A Rose of this description has long been needed, and when it becomes generally known will have large sale. The Waltham seedling was raised by William Paul & Son, the celebrated Rose growers, who regard it as one of the most valuable varieties they have ever introduced. Large, strong plants, \$5.00 each. (Have no small sizes.) (See cut; half natural size.)

TEA ROSE, "Niphetos."

This is the White Rose "par excellence," being unequalled for winter forcing, and also excellent for summer flowering. Every shoot produces a bud, which are long and pointed, as shown in cut, and white as snow.

1st size, 60 cts. each; \$6.00 per doz. 2d size, 30 cts. each; \$3.00 per doz. 3d size, 15c. each; \$1.50 per doz.

NIPHETOS.

YELLOW TEA ROSE, "PERLE DES JARDINS."

YELLOW TEA ROSE, "Perle des Jardins."

No rose of its color 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 two-thirds natural size. (See cut.) It is the prototype of the new Rose, "Sunset" (See page 96.)

1st size,	\$1.00 each ;	\$9.00 per dozen.
2d "	.75 "	6.00 "
3d "	.30 "	3.50 "
4th "	.15 "	1.50 "

FOUR GRAND BEDDING ROSES.

White, Pink, Crimson, Yellow.

These four distinct colors are best obtained in the following varieties. They are kinds which have stood the test of years, and are sure to give satisfaction. A very fine effect can be produced by planting these four varieties together, the contrast being very pleasing. The 1st size should be planted 15 inches apart each way, and the 2d size 1 foot apart.

Marie Guillot. Pure white, full and double.

Hermosa. Rich satiny pink; very free flowering.

Agrippina. Crimson scarlet; double and profuse.

Isabella Sprunt. Bright canary yellow; rich tea fragrance.

1st size,	\$2.00 per dozen ;	\$12.00 per 100.
2d "	1.50 "	8.00 "

"The Sunset Roses came through with foliage just as good as when they left your place. The plants are much finer than I had even hoped for."
C. A. MOSIER, Des Moines, Iowa.

12 BEST MONTHLY ROSES for WINTER FLOWERING.

The number of varieties that will give good results during the winter months is limited, so that we can embrace in the below named dozen all the best sorts—all described in preceding pages:

Sunset. (See description and prices, page 96.)

Safrano. Saffron orange.

Perle des Jardins. Canary yellow.

Niphetos. Pure white.

Bon Silene. Carmine.

Catherine Mermet. Rosy blush.

Souv. d'Un Ami. Deep pink.

Am. Beauty. (See page 96.) \$2.00 and \$1.00.

Douglas. Crimson.

Marshall Robert. Straw color.

Bennett. (See page 96.) \$2.00 and \$1.00.

La France. Rich shade of pink.

PRICES.

1st size, 50c. each; \$4.50 per dozen; except where noted.

2d " 30c. " 3.00 " " " "

3d " 15c. " 1.50 " " " "

MARSHAL NIEL.

We have probably the largest and finest stock of this unequalled Rose in the United States. We have it in every size, from the small plants in 3-inch pots, at 15c. each, to the splendid imported stock in 8-inch pots, which are cheap, when used for rafters, at \$5.00 apiece. The immense size, dark golden yellow color of "Marshal Niel" flowers are familiar to all. (See cut.)

Extra large imported plants (budded), 8-inch pots, 8 to 12 feet long—grand stock to plant to train on a rafter—\$5.00 each.

Standards, 4 to 5 feet high, \$3.00 each.

7 inch pots, 3 feet high, \$2.00 each; \$20.00 doz.

5 " 2 " 1.50 " 12.00 "

3 " " .15 " 1.50 "

RED MALMAISON.

RED MALMAISON.

A new variety of great value for summer flowering. It resembles the flesh-colored variety in growth and foliage, but the flowers are more globular. It excels in brilliancy of color almost every known Rose, being a most dazzling shade of crimson scarlet.

1st size, 75 cts. each; \$7.50 per doz.

2d " 50 " " 4.50 "

3d " 30 " " 3.00 "

POLYANTHA ROSES.

A class of Roses of much value for bedding purposes, as they form a mass of bloom. They are of a dwarf habit, and are continuously in flower during the entire season. The flowers are produced in clusters, and are unique and beautiful; about 1½ inches across. Single clusters of flowers produce from 25 to 100 buds. The Polyantha Roses are hardy in this latitude with slight protection.

Mignonette. Dark pink; extra fine. 15c. and 50c. each.

Paguerette. Pure white; very hardy. 15c. and 50c. each.

Md. Cecil Bruner. Delicate rose color. 15c. and 50c. each.

Anna Marie Montravel. Beautiful white; fine form. 30c. and 75c. each.

Perle D'Or. (New.) Saffron yellow, tinged copper color. 30c. and 75c. each.

Set of five, 1st size, \$2.50.

" " 2d " 1.00.

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 proved. It is of an exceedingly free blooming character, every shoot producing a bud, whether planted in the open ground or grown for winter flowers.

1st size, 50 cts. each; \$4.50 per doz.

2d " 30 cts. " 3.00 "

3d " 15 cts. " 1.50 "

MARSHAL NIEL.

That we send plants successfully to great distances, the following testimonial will show: "Package of Roses received in good order, for which thanks."
JOHN KIDWELL, Honolulu, H. I.

TEA OR EVER-BLOOMING ROSES.

This class of Roses are nearly all hardy south of Washington, and even in the Northern States they can be kept through the winter, out of doors, if protected by a covering of 3 or 4 inches of dry leaves. This covering should not be put on until the end of November, as the slight frosts which we may have before that date will do no injury. The *Ever-blooming Roses* are deservedly the most popular, as their delicious fragrance, delicate tints of color, easy culture and wonderful profusion of bloom make the humblest garden beautiful. The soil for roses can scarcely be made too rich. The richer the soil the larger the buds, and the more of them you will get. *Quality*.—Every plant we send out will do well with ordinary care, and our prices are the very lowest. *Size*.—Our smallest roses are grown in 3-inch pots, and are far larger than those ordinarily sent out by the trade, which are usually from 2½ inch pots. Our large roses are absolutely beyond competition in quality and price.

Roses, General Collection.

TEA AND MONTHLY OR EVER-BLOOMING ROSES.

- Andre Schwartz.** Dark crimson.
Anna Oliver. Creamy blush, shaded with carmine; very large, full and fragrant.
American Banner. Striped crimson and white, 15 cents.
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.
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.
Bougere. Very large and double; color beautiful dark pink; sweet fragrance.
Bella. Pure white, once largely used for forcing, but has been superseded by Niphetos. It is, however, superior to that variety for summer flow ring.
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.
Anna M. Montravel. (See page 101.) 30 cents.
Bourbon Queen. A beautiful bedding summer rose; color clear satiny rose, shaded white.
Blanche Nabonnand. Creamy white, tinged yellow and rose.
C. de Coserta. (See page 98.) 25 cents.
C. Koch. Light flesh color; very double; a vigorous grower and free bloomer.
Camoens. (See page 99 for description.) 15 cents.
Canary. Beautiful light yellow; profuse bloomer.
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.
Cels. Pale rose color; good shaped buds; plant a clean, healthy grower.
Chas. Rovoli. 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.
Clement Nabonnand. Outer petals rosy lilac, inner ones golden yellow; free flowering and fragrant.
Comtesse Riza du Parc. A grand rose; vigorous; color bright coppery rose, shaded violet crimson.
Coquette de Lyon. Color clear canary yellow; delicious tea scent; flowers large and full; very free.
Cornelia Cook. Perhaps the finest white rose; flowers very large and double; pure white, with light lemon colored centre.
Devoniensis. No collection is complete without this superb variety; very full; a creamy white with pink centre.
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 of Brabant. An old variety, blooming in clusters; unexcelled by anything of its color, which is a soft, rosy flesh tint; flowers globular.
Duchess of Edinburgh. Intense dark crimson; very brilliant and beautiful; flowers large, fragrant, and produced freely.
Etoile de Lyon. Golden yellow.
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.
Geo. Peabody. Splendid glowing crimson, changing to a scarlet shade; exquisite tea odor; medium sized buds of good form and substance.
Goubalt. Bright rose color tinted buff; tea fragrance.
Innocente Pirola. Flower white, large, full and double; finely shaped, long-pointed buds; valuable for either summer flowering or winter forcing.
Isabella Sprunt. Light canary yellow; largely used for winter blooming; buds medium size and good shape; very fragrant and free.
Jean Pernet. (See page 98.) 25 cents.
Jules Finger. Full and finely formed; color bright rosy scarlet; shaded with intense crimson; very fragrant, vigorous and free.
Lady Warrender. Pure white; profuse and fragrant.
La Chamoise. Very handsome in the bud; color bright coppery yellow.
La Jonquille. Dark canary yellow; very distinct.
La Nuancee. Fine salmon rose, tinged copper color; sweet tea fragrance; very distinct.
La Pactole. A once favored forcing variety; it produces a great abundance of buds; color pale sulphur yellow; rich tea fragrance.
La Phoenix. 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 Tulip. White, tinged rosy lilac; large and fragrant.
L'Elegant. (See page 98.) 25 cents.
Le Nankin. Apricot yellow; fragrant and of good form; very distinct in color.
Letty Coles. A grand summer Rose; color soft rosy pink, intense crimson in the centre, globular. 20 cents.
Leveson Gower. Beautiful rosy salmon; fine form; sweet fragrance.
Louis Gigot. Pure white and double; flowers profusely all summer when hedged out.
Louis Richard. Finely shaped; large and full; color rich coppery rose, changing to buff, crimson centre.
Lucullus. Dark crimson maroon; flowers very large and double; excellent for out-door culture.
M. Roda. Splendid; buds large and double; of a beautiful yellow shade; gives a great profusion of buds and flowers when planted out.
Marie Sisley. A superior Rose; full and double; of true tea odor; exquisitely shaded with bright rose on a pale yellow ground.
Marie de Bau. Rich blush color, full and double.
Marie Ducher. Rich transparent salmon, with deeper colored centre; full, double and sweet.
Marie Guillot. Pure white; full and double.
Marshal Robert. Canary yellow; shaded rose. 15 cents.
Md. A. Imbert. Large, full-formed double bud; strong tea fragrance; color rosy buff with peach-colored shadings.
Md. Ched-Guinesseau. (See page 98 for description.) 25 cts.
Md. Cusin. (See page 98 for description.) 30 cents.
Md. Remond. (See page 98.) 25 cents.
Melville. Bright pink, changing to silvery rose; good shaped buds, full and fragrant.
Mignonette. (See page 101.) 15 cents.
Miss Edith Gifford. (See page 98 for description.) 25 cts.
Mme. Barthelemy Levet. A free-blooming, strong-growing variety, bright canary-colored flowers.
Mme. Bravy. Rich cream color with pinkish centre; full pointed buds; scented.
Mme. Camille. A splendid Rose; immense double buds; delicate rosy flesh color, changing to salmon suffused with carmine; fine tea fragrance.
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. Caroline Kuster. Beautiful light yellow, tinged with pink; full and sweet.
Mme. Dennis. Very full and double buds; white, with yellowish pink centre.
Mme. Devacourt. Bright canary yellow; deliciously perfumed; buds of good size and substance.
Mme. de Narbonne. Bright pink; profuse, full and fragrant.
Mme. de St. Joseph. Finely shaped, long-pointed buds of a deep pink color; very fragrant.
Mme. de Tartas. Long-pointed bright carmine buds; full and double.
Mme. Falcot. Fine apricot yellow, tinged buff; a very desirable Rose; buds of good form and medium size, borne in great profusion.
Mme. H. Jamain. Beautifully cup-shaped flowers; white shaded yellow and pink; a fine variety and sweetly perfumed.
Mme. Lombard. Extra large and full, exquisite fragrance, beautiful rose color tinged salmon and buff, reverse of petals crimson.

ROSES, GENERAL COLLECTION.—Continued.

- Mme. M. Berthon.** Pure white, tinged and shaded with lemon color; good form and rich fragrance.
- Mme. Maurice.** Delicate flesh color; very large and double; sweet tea scent; a splendid Rose.
- Mme. Rachel.** Very double and pure snow white; pointed buds of delicate fragrance; well adapted for house culture or out-door planting.
- Mme. Ristori.** A good bedding variety; color deep blush.
- Mme. Welch.** Large and double, apricot yellow shaded dark orange red; strong habit, free flowering, an extra fine Rose in every way.
- Md. Rivoy.** Crimson scarlet.
- Md. de Vatro.** Dark pink.
- Miss Caroline.** Rosy pink, shaded peach.
- Md. Angele Jacquier.** Full and double; light blush.
- Nemesis.** Dark crimson.
- Narcisse.** Pale lemon yellow, free-flowering, full and fragrant.
- Nina.** Pinkish rose, shaded silvery white; buds large and sweetly scented.
- Niphetos.** Pure white; one of the most valued winter flowering Roses. 15 cents.
- Odorata.** Beautiful blush tint; exquisite tea fragrance.
- Perfection de Monplaisir.** Deep golden yellow; buds medium size and of fine shape; a fine rose for any purpose.
- Perle des Jardins.** (See cut and special description, page 100.) 15 cents.
- Pink Daily.** An incessant blooming variety; color clear bright pink; size medium; very fragrant.
- Pres. de Olbecque.** Bright purplish crimson; good shape and habit.
- Queen of Bedders.** Dark crimson. 30 cents.
- Queen's Scarlet.** Introduced by Hallock & Thorpe; color intense dark crimson, of the same style as Agrippina.
- Red Malmaison.** (See page 101.) 30 cents.
- Red Safrano.** Carmine.
- Rubens.** Pale, lovely yellow, tinged with fawn color; very large and full, sweet fragrance.
- Ragalis.** Crimson, pink and rose.
- 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.
- Souv. de David.** Rich rosy crimson, finely shaped buds.
- Souv. de George Sand.** A very desirable Rose, with finely shaped double buds; color carmine, shaded amber, streaked with crimson.
- Souv. de Paul Neyron.** White, beautifully tinged with clear golden yellow, edged clear rosy crimson; exquisite fragrance and very profuse.
- Souv. de Malmaison.** Rich flesh color with rose centre; very double; when well grown this is yet, perhaps, the finest Rose in cultivation. It is sometimes forced in the winter season, but it is properly a summer blooming Rose. 20 cents.
- Souv. d'Un Ami.** A splendid Rose, which is now becoming prominent for winter flowering; buds full and double; clear deep rose color. 15 cents.
- Stella.** Light yellow; full and sweet.
- Sunset.** (Description and prices, page 96.)
- Sulphurea.** A deep sulphur yellow; fine in the bud.
- Theresa Loth.** Fine carmine red with deep rose shading; full double and very sweet.
- Valle du Chamoix.** Copper color, shaded citron red.
- 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.

PRICES.

- 3d size, 10 cents each, except where noted; full set
120 varieties for \$15.00
- 2d size, 30 cents each, except where noted; full set
120 varieties for \$30.00
- 1st size, 50 cents each, except where noted; full set
120 varieties for \$45.00

HYBRID PERPETUAL ROSE.

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 in mid-winter wholesale at from 25 cents to 50 cents apiece. Color rich crimson; of fine shape and exquisite fragrance. This grand old variety holds its own against all new comers, and is undoubtedly the finest hardy Rose of its color. (See cut.)

Extra size, \$1.00 each; 9.00 per dozen.

1st	"	.50	"	4.50	"
2d	"	.30	"	3.00	"
3d	"	.20	"	2.00	"

ANNA DE DIESBACH.

HYBRID PERPETUAL ROSE,
"Anna de Diesbach," (Glorie de Paris.)

The engraving represents a flower of this peerless Rose about half its natural size, and although the flowers are so large, they are produced in the greatest abundance. In fact, it blooms off and on all through the season. The color is a peculiarly rich dark pink, shaded salmon and most delicious fragrance. Our plants of this variety are particularly fine.

1st size, \$1.00 each; \$9.00 per dozen.

2d	"	.50	"	4.50	"
3d	"	.25	"	2.25	"

GEN. JACQUEMINOT.

"Your Roses are so much larger and cheaper than those I have gotten from other parties that I shall deal with you next year."

MRS. CHAS. HALL, Rutland, Vt.

HYBRID PERPETUAL ROSE, "Merveille de Lyon."

In this we have a pure white hardy Rose of the same class as Baroness Rothschild. The flowers are immense in size, symmetrical in form and very double. The beautiful heavy foliage comes close up to the flower, making every shoot a bouquet in itself. (See cut.) Large plants, \$1.25 each; \$12.00 per dozen.

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. The most deservedly popular Rose in cultivation. In New York last winter its magnificent flowers sold freely at from 25 cents to 75 cents apiece. They are immense in size, 5 inches across; color a lovely shade of satiny pink. Its handsome foliage comes close up to the flower.

Price, extra size, \$1.50 each.

2d	"	1.00	"
3d	"	.50	"

Anna de Diesbach. Rich shade of carmine; one of the best.

Countess of Oxford. Very large; soft rosy carmine.

Mabel Morrison. Pure white; other characteristics same as Baroness Rothschild.

Magna Charta. Bright pink, suffused with carmine.

Md. Gabriel Luizet. Exquisite shade of pink; extra fine.

Mme. Noman. White, tinged with rose.

Princess Camille de Rohan. Dark maroon.

Rosy Morn. Peach color, shaded salmon rose.

Pride of Waltham. Carmine; large and full.

Capt. Christy. Lovely flesh color; very double.

Coquette de Blanches. Pure white.

Firebrand. Rich vivid crimson, shaded maroon.

Fisher Holmes. Reddish scarlet, passing to maroon.

John Bright. Brilliant crimson.

Louis Van Houtte. Very dark crimson, nearly black.

Marie Bauman. Bright carmine; very smooth and even petals.

Paul Neron. (See special description.)

Pierre Notting. Blackish red, tinged violet; richly fragrant.

Duchess of Bedford. Intense dazzling light scarlet; perfect form.

Abel Carriere. Rich velvety maroon.

Countess of Roseberry. Brilliant carmine rose; cupped.

La Rosiere. Crimson maroon; very effective.

Merveille de Lyon. (See special description; \$1.25.)

\$1.00 each, except where noted; full set of 24 sorts for \$20.00.

PAUL NERON.

Until the advent of the new Rose, "Her Majesty," this was probably the largest rose in existence. The flowers are immense, often 5 inches across, of a lovely dark carmine pink color; very fragrant.

1st size, \$1.00 each; \$9.00 per dozen.

2d	"	.50	"	4.50	"
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HYBRID PERPETUAL ROSES.

A. K. Williams. Carmine red, changing to magenta.

Alfred Colomb. Very large and globular; clear bright cherry red, shaded with rich crimson.

Alzora. Color bright carmine; finely shaped double buds.

Anna de Diesbach. Clear bright rose; very large and finely shaped; full and fragrant.

Auguste Mie. 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 centre.

Constantin Fretriakoff. Rosy crimson; large and sweet.

Coquette des Alpes. Cupped white, occasionally tinged with pink; free flowering and fragrant.

Coquette des Blanches. The best white variety of its class; a very profuse continuous bloomer; white, sometimes tinged pink; double; fragrant.

Cymbie. Has all good qualities; color violet crimson.

Capt. Christy. Beautiful flesh color.

Chesunt Hybrid. Violet carmine.

Dr. Lindley. Magnificent dark crimson maroon; extra fine.

Dr. Baillon. Dark purple, shaded crimson; sweet fragrance; large, full and fine.

Duchess de Vallambrosa. Flesh color, shaded rose.

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.

Duplessis Morney. Bright crimson; fine form, fragrance and substance.

Earl of Pembroke. Soft velvety crimson.

"I must thank you for such splendid plants. I have never received such fine ones before. Certainly your customers receive every satisfaction."

MRS. RICHARD F. BEIRNE, Ashland, Va.

HYBRID PERPETUAL ROSES.—Continued.

- Eugene Sue.** Bright vermilion, changing to scarlet; fragrant and robust.
- Fisher Holmes.** Finely shaped buds of intense dark crimson color; sweet fragrance; a grand rose.
- Geant des Batailles.** A very fine flower, in some places liable to mildew; color bright crimson.
- Gen. Forney.** Color clear cherry red.
- Gen. Jacqueminot.** (See special description and cut, page 103.)
- Gen. Lane.** Dark rose color; fine form and substance.
- Harrison Weir.** Velvety crimson, enlivened with scarlet.
- H. Schultheis.** Delicate pinkish rose; full, double and sweet.
- John Hopper.** Brilliant rose, changing to bright glowing pink; reverse of petals lilac purple; a fine large showy sort, very fragrant.
- La Reine.** Beautiful clear bright rose; very large.
- Louis Carrique.** Clear carmine; excellent habit; fine odor.
- Magna Charta.** Rich dark pink; strong grower. There is scarcely any bardy Rose that gives such universal satisfaction as this.
- 1st size, \$1.00; 2d size, 75 cts.; 3d size, 40 cts.
- Marie Bauman.** Bright cherry red, changing to scarlet; large, full and fine; an excellent forcing kind.
- Marquis de Ligneris.** Bright rose; richly perfumed.
- Md. Alf. Carriere.** Pure white.
- Md. Isaac Perrier.** Full and double, brilliant crimson.
- Md. Marie Finger.** Rich flesh color, shaded salmon.
- Mme. Alfred Rougamont.** Pure white, delicately shaded.
- Mme. C. d'Islay.** Bright rose blush; fragrant.
- Mme. Laffay.** Beautiful transparent rose; large.
- 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.
- Mrs. Laxton.** Rosy crimson; fine form.
- 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.
- Peerless.** Rich dark carmine.
- Pœonia.** Sweetly fragrant; color clear bright red.
- Pres. Thiers.** Flaming red; large sized flower; full and globular in shape.
- Princess Camille de Rohan.** Distinct and magnificent; color rich, dark velvety maroon, almost black; rich fragrance.
- 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. Dombraïn.** Very dark crimson; free flowering and hardy.
- Sir G. Wolsely.** Bright red, shaded carmine.
- Sydonia.** Violet crimson.
- Triomphe de Alençon.** Dark crimson rose.
- 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.
- Xavier Olibo.** Velvety black; delicious fragrance.
1st size, 50 cts. each;	\$4.50 per doz.,	except where noted.
2d " 30 "	3.00 "	" "
3d " 15 "	1.50 "	" "
- Set 60 varieties, 1st size, \$25.00.
 " 60 " 2d " 15.00.
 " 60 " 3d " 9.00.

MOSS ROSES.

Valued for their hardiness, exquisite fragrance, and the beautiful effect of the delicate moss-covered buds. Excellent for cemetery plots.

- Adelaide.** A splendid old sort, color bright carmine.
- Capt. Ingham.** Brilliant carmine red; large, full flower; very double and mossy.
- Countess de Muranais.** Large, pure white, fine.
- Cristata or "Crested Moss."** Color of buds pink; thickly crested with moss; very beautiful. \$1.00.
- English.** The old red English Moss Rose; mossy and fragrant.
- Elizabeth Rowe.** Dark purplish crimson.
- Henry Martin.** Fine bright pink; large, full and globular.
- Hortense Vernet.** Fine rosy carmine; full, large and sweet; beautifully covered with moss.
- Lanei.** A beautiful shade of pink; fragrant and mossy.
- Luxembourg.** Large, crimson scarlet; densely mossed.
- White Bath.** Pure white.
- Extra large size, \$1.00 each, except where noted; \$9.00 per set.
2d " .50 "	" "	" "	4.50 "
3d " .30 "	" "	" "	3.00 "

EXTRA LARGE IMPORTED PERPETUAL FLOWERING MOSS ROSES.

This class of Moss Roses are quite different from the regular Mosses, which only bloom once. The Perpetuals flower very freely in June, and some through the summer, with a profuse bloom again in the fall. Perfectly hardy and very desirable.

- Blanche Moreau.** Pure white; large and perfect form; densely covered with dark green moss.
- Mrs. Wm. Paul.** Very bright rose; finely cupped form; sweet fragrance; very mossy.
- Mons. Seline.** White, tinted with rose. A very free, continuous bloomer.
- Salet.** Bright rose, bluish edges; large and full. One of the best.
- Md. Ory.** Bright rosy carmine; sweet and mossy.
- Perpetual White.** White, blooming in clusters; very double and well mossed.

\$1.00 each; set six for \$5.00.

STANDARD ROSE.

HARDY STANDARD or TREE ROSES.

One advantage of the Standard Rose is that being 5 feet in height the flowers can be seen close to the eye and the fragrance inhaled without stooping. They are particularly adapted for city gardens or lawns, forming heads from 2 to 3 feet across. A little care in training makes them models of beauty. Only the finest Roses are grafted on the Standards, comprising all shades of crimson, scarlet, carmine, rose, orange, yellow, white, &c. All are hardy. Price, \$1.25 each; set of 12 kinds, \$12.00.

NOISETTE, or CLIMBING MONTHLIES.

- Caroline Manais.** Color white, and finely scented.
- Belle Lyonnaise.** Very large and full; beautiful light lemon.
- Claire Carnot.** Orange yellow, with peach blossom centre.
- Cloth of Gold.** One of the finest pillar Roses for the Southern States; color, clear bright yellow; good form.
- Gloire de Dijon.** A grand green-house climber; very large, perfectly double and tea scented; rich creamy amber.
- Guilietta.** Bright rosy crimson, lightened with scarlet.
- Jas. Sprunt,** or "Climbing Agrippina;" deep cherry red.
- Mme. Balbiano.** Soft rosy blush; very sweet.
- Mme. Berrard.** Deep carmine, full and double.
- Lamarque.** Pure white, with lemon-colored centre.
- Marshal Niel.** (See page 101 for prices, etc.)
- Mme. Trifle.** Very large and double; buff color.
- Caroline Goodrich.** Vivid crimson.
- W. A. Richardson.** Dark copper color.
- Reine Marie Henriette.** Long pointed; dark crimson buds.
- Setina.** Pink.
- Washington (White).** Pure white flowers in clusters.
1st size, 75 cts. each, except where noted;	\$7.50 per doz.
2d " 50 " "	4.50 " "
3d " 30 " "	3.00 " "

✂ NEW · AND · RARE · PLANTS. ✂

ASPARAGUS TENUISSIMUS.

We cannot praise too highly this beautiful new plant. Its fine filmy foliage equals in delicate beauty the Maiden-hair Ferns. The stems or fronds stand without wilting for a long time after being cut, which will render it most valuable to mix in with cut flowers. If so desired, it can be grown like Smilax or the "Climbing Fern," on a trellis, as shown in engraving.

1st size, 50c. each; \$4.50 per dozen.

2d size, 25c. each; \$2.25 per dozen.

NEW AGERATUM, "White Cap."

In this we have a variety with the same strong, compact habit as the blue bedding varieties, with flowers of purest white. All white Ageratums heretofore have been of little value, from their straggling style of growth.

20c. each; \$2.00 per dozen.

NEW AGERATUM, 'Cope's Gem.'

Deep rich porcelain blue, growing only nine or ten inches in height, making a most suitable plant for a front line of blue, or for massing in beds.

Price, 20c. each; \$2.00 per dozen.

The two new Ageratums for 30 cents.

NEW TUBEROUS BEGONIA, "Louis Bouchet."

Grows to a height of one foot in height and width; color intense scarlet, literally covered with bloom, drooping like a Fuchsia; a grand plant.

Price, \$2.00 each; strong bulbs.

NEW DOUBLE ANTIRRHINUM, "Omega."

The single varieties are valued for their showy appearance in the summer months. This new double variety is equally attractive in color and profuseness of flower, and being double is more useful for bouquets, having nearly the substance and size of a Carnation; color, rich dark crimson, tipped and mottled gold and white.

30 cents each; 4 for \$1.00.

BESSERA ELEGANS.

BESSERA ELEGANS.

A most beautiful bulb, native of Mexico. It sends up slender stalks about one foot high, terminated with scarlet flowers striped with yellow. Blooming in the open ground in September and October. (See cut.)

30c. each; \$3.00 per dozen.

NEW BOUVARDIA, "Priory Beauty."

This is a favorite variety in England, and is one of the finest Bouvardias. It is very free flowering, and its trusses are the largest size; color, rich salmon pink, with a distinct white eye. An excellent plant for summer or winter blooming.

50c. each; \$4.50 per dozen.

NEW BOUVARDIA, "Dazzler."

This is after the style of old Bouvardia Elegans in size of florets and truss, but is much more brilliant in color—bright carmine crimson.

50c. each; \$4.50 per dozen.

CANNA, "Luke Blackburn."

We raised and offered this variety several years ago, but its great merit becoming quickly known, we were soon sold out of it. Our stock this season is, we think, large enough to supply all demands. Luke Blackburn is the darkest and dwarfiest of Cannas, being a dark rich crimson maroon color and growing only three feet high. It is a splendid plant for the centre of vases. It resembles a gigantic Dracena at a short distance.

60c. each; \$6.00 per dozen.

CANNA EHEMANI.

Entirely distinct from all other Cannas, its rich green tropical foliage resembling the Musa or Banana. Its greatest merit, however, lies in the flowers, which are three inches long and two inches wide, of a glowing crimson color. They are produced in masses on the summit of whip-like stalks, single plants having seven or eight stalks, with 25 or 30 flowers on each. After flowering in summer the roots can be lifted and will bloom all winter in the house.

30c. each; \$3.00 per dozen.

CRASSULA GRACILIS.

A perfect little gem. It grows only three inches high, and is covered all summer with its wax-like flowers of a deep rose color. From their succulent nature the flowers remain on the plant a long time, which will make it a most valuable variety to use in mosaic bedding with other succulents. It also makes a beautiful pot plant.

50c. each ; \$4.50 per dozen.

NEW CALCEOLARIA, "Rajah."

The individual flowers of this variety are small, but are produced in immense clusters. The flower is dark rich maroon color, with an under lip of golden yellow. The effect of this combination is very striking and beautiful.

30c. each ; \$3.00 per dozen.

NEW COLEUS.

1886

Our New Coleus are looked forward to by our customers each season with great curiosity and interest, our previous great success with this class of plants being unequalled. Nearly all the best varieties now in cultivation originated with us. We had a grand display of seedling Coleus in our place last summer—over 3,000 plants. The twelve varieties named and described below are our choice of that immense number:

Blaze. Flaring crimson, marked pink, maroon and violet.

Golden Dawn. Clear yellow, like Golden Bedder, but a better grower.

Paroquette. Curiously mottled and splashed yellow and crimson.

Maggie. Green, evenly and distinctly marked in the centre with golden yellow.

Rob Roy. Dark carmine pink, yellow and green edge, beautifully serrated.

Corsair. Dark velvety crimson, edged and penciled with deep maroon.

Priscilla. Serrated green leaf, marked in centre with creamy white, under side of leaf violet pink.

Crimson Bedder. Dark crimson, somewhat in the style of Versailles.

Aline. Maroon, bright pink centre.

Black Butterfly. Black, with serrated white edge, veined violet.

Rover. Oddly cut foliage, marked and blotched crimson, pink and maroon.

Royal Mantle. Light brick red, exquisitely fringed with a serrated golden edge, sometimes shaded pink.

40c. each ; set 12 for \$4.50.

NEW CHRYSANTHEMUMS.

Chrysanthemums are now, and deservedly, the most fashionable of all autumn flowers. Their easy culture and freedom from insects and disease commend them to the most inexperienced cultivators, while the varied and gorgeous colors and fantastic shapes of many of the varieties make them the fashionable flower of autumn. All Chrysanthemums are hardy in the latitude of New York, and a covering of 4 or 5 inches of dry leaves or litter around the roots will enable them to stand the winter in almost every State in the Union. The following varieties were selected in Japan, and are probably the finest collection ever offered in this country. The size, fantastic shapes and colors of the flowers are truly wonderful.

Blooming Rose. Rich rose color.

David Allen. Copper color and crimson.

Duchess. Rich dark copper color.

Fimbriatum. Splendid white tinged rose.

Golden Prince. Rich yellow.

Gloriosum. Light straw color.

G. W. Childs. Delicate blush; extra.

Hon. J. Welch. Deep carmine.

J. Collins. Salmon pink.

Lord Byron. True orange color; fine.

Moonlight. Pure white.

Mrs. C. H. Wheeler. Magnificent and distinct, old gold and vermilion. (*See cut.*) 75 cts. each.

Pres. Arthur. Rose pink.

30 cts. each (except where noted); set 13 for \$3.00.

MRS. C. H. WHEELER.

"The box of plants were received in good order, though they were nine days on the road. They were all very choice, and I highly appreciate them."

MRS. R. W. MILLET, Lead City, Dak.

COLORED PLATE CHRYSANTHEMUMS.

The splendid sorts shown in colored plate in catalogue of last year. Set 6 for \$2.00.

NEW CHRYSANTHEMUM, "Christmas Eve."

This variety is probably the finest late flowering Chrysanthemum of its color. It is of the largest size, perfectly double, and most symmetrical in form. In color it is a pure pearly white.

50 cts. each; \$4.50 per doz.

COCOS WEDDELIANA.

A most beautiful Palm of miniature proportions. Its finely cut leaves give a most graceful effect. It is particularly useful for table decoration, and should be in every collection. We have a fine lot of vigorous young plants to offer which we imported last fall.

\$2.00 each; \$18.00 per dozen.

CRUCIANELLA STYLOSA.

A beautiful drooping plant having flowers of light crimson rose color, excellent for baskets or vases

25c. each; \$2.25 per dozen.

FANCY CALADIUMS.

Large quantities of these are now used for summer and fall decoration, and nothing can equal the variety and gorgeous coloring of these ornamental leaved plants. Our collection is the largest and finest in the country, and our low prices place them within the reach of all. They are very easily grown, thriving in pots or boxes in the house or in shaded situations out of doors. The hulhs should be dried off in October, and kept in a warm, dry place during the winter. They start into growth about April 1st.

- Refulgens Rubra.** Bright red, margined deep green.
- Meyerbeer.** Deep green, splashed white, pink ribs.
- Dr. Lindley.** Centre red, margin green with pink spots.
- Splendidum.** Brilliant crimson centre, green edge.
- Moreanum.** Glossy green, blood red veins.
- Wightii.** Deep green, spotted red and white.
- Argyrites.** Green, splashed pure white; dwarf and distinct.
- Schmidtii.** Deep rose centre, light green edge.
- Reine Victoria.** Green, veined white, red spots.
- Messonier.** Green, red centre spotted pink and white.
- Max Kalb.** Creamy centre, green edge, bright red spots.
- Princess Teck.** Green, spotted white and pea green.

1st size, 50c. each; set 12 for \$5.00.

2d size, 25c. each; 5 for \$1.00, full set 12 varieties for \$2.00.

CARNATION, "Scarlet Gem."

A magnificent variety of strong and absolutely healthy constitution. Flowers very large, finely fringed and perfect form; color dazzling scarlet. A most profuse flowering variety, as the engraving (taken from a photograph) shows. Undoubtedly the finest scarlet Carnation yet produced.

50c. each; \$4.50 per dozen.

NEW CARNATIONS.

(Ready February 1st.)

We highly recommend the following new varieties as being entirely distinct and very fine. They combine in every instance vigor of growth, vivid richness of color, delicious clove fragrance, and profusion of bloom. For summer and winter cut flowers Carnations are indispensable.

- Scarlet Gem.** See special description above.
- Grace Fardon.** Large rich pink flowers, particularly brilliant by gas light, making it a valuable corsage flower.
- Ferdinand Mangold.** Large sized, perfectly formed fringed flowers; dark rich crimson, shaded maroon.
- A. C. Fitzpatrick.** Immense size, flowers often 4½ inches in diameter; ground color white, marked with bright red.
- Joseph Perkins.** Beautiful soft rose color; exquisite clove fragrance. Extra fine.
- Jas. Kidd.** A very distinct variety; flowers large cream color, streaked vermillion.
- B. A. Elliott.** A strong, healthy grower, producing flowers of enormous size; color dazzling vermillion scarlet.
- Kaiser William.** An entirely distinct shade of color, a beautiful violet purple shaded crimson; flowers of a most perfect circular form, elegantly fringed. 30c.
- Sunrise.** (See special description, page 109.) 60c.
- Seawan.** Dwarf crimson. 30c.

50c. each, except where noted; set of 10 for \$4.50.

CALESTEGIA PUBESCENS.

An old plant, perfectly hardy, valuable for quickly covering old walls, trees or rough, stony banks; flowers two inches diameter, double clear rose color. Price, 25c. each; \$2.25 per dozen. Ready March 1st.

"Collection of twelve hardy climbing plants received from you last year have grown marvelously—some of them over twenty feet. They have given the greatest satisfaction."

CHAS. THOMPSON, San Francisco, Cal.

NEW MONTHLY CARNATION, "SUNRISE."

NEW MONTHLY CARNATION, "SUNRISE."

(Ready February 1st.)

An entirely distinct color, *orange ground striped with crimson*; flowers full double, fringed and of rich clove fragrance; unsurpassed by any variety in its profusion of bloom, and of a strong, vigorous, healthy growth hitherto unknown in the yellow or orange colors. A variety certain to become a standard sort, as it possesses every good quality. (See cut.) 60c. each; \$6.00 per doz.

NEW DAHLIA, "Cochineal."

So named from its color being exactly that of the Cochineal dye. Ready May 1st. Price, 50c. each.

NEW DAHLIA, "White Aster."

Dwarf, small flowered, double white, resembling a fine style of White Aster.

Ready May 1st. Price, 50c. each.

THE GRAND OLD DAHLIA,
"Picta Formosissima."

This beautiful semi-double variety, which delighted flower lovers of 50 years ago, has been uncarthied by an enterprising English firm, and we are now able to offer it. The flowers are very large, of a dark, brick red color, evenly and distinctly striped with golden yellow. The rage for perfectly double Dahlias during the last 20 years drove it almost out of cultivation, until the fashionable demand for singles in the past year or two brought it to the front again.

Ready April 15th. 75c. each; \$7.50 per dozen.

ECHEVERIA EXTENSA GLOBOSA,
or "Giant House Leek."

This mammoth variety is of most symmetrical shape and beautiful light glaucous green color. It attains a diameter of 15 inches, but withal is not coarse looking. Wherever succulents are used for carpet bedding this variety will be needed. Stock limited. 30c. each; \$3.00 per dozen.

EUCHARIS CANDIDA,
New "Amazon Lily."

The old variety, E. "Amazonica," has always proved an uncertain plant to bloom, but this new variety produces its flowers with the greatest freedom, and though a little smaller is equally beautiful. Its free-flowering tendencies will be appreciated by florists, as its pure white, wax-like blooms often wholesale for \$15.00 to \$25.00 per 100 in the winter season.

1st size,	\$1.00 each;	\$9.00 per dozen.
2d "	.75 "	7.50 "
3d "	.50 "	4.50 "

Many thanks for the very generous manner in which you filled my order—everything arrived safely; and I must send extra thanks for the lovely plant of the "Sunset" Rose which you sent me "gratis." It was a grand surprise.

MRS. F. DECON, Trenton, N. J.

HARDY HYBRID DELPHINIUMS.

Valuable perennial hardy garden Larkspurs; mostly double, of all the varying shades of lilac, light blue to deepest shades of ultramarine blue, growing from 4 to 10 feet in height; they are the most showy of all garden plants, and being hardy perennials do not need to be replaced each year.

Large strong roots, 50c. each; \$4.50 per dozen.
Smaller " 25c. " 2.25 "

FUCHSIA CRIMSON BEDDER.

So named from the foliage being rich brownish crimson; flowers scarlet and violet.

Price, 50c. each; \$4.50 per doz.

DOUBLE IVY GERANIUMS.

NEW DOUBLE FRENCH IVY-LEAVED GERANIUMS.

The varieties below described will be a perfect revelation to such as see them for the first time. The richness of color shown in the various shades far surpass anything ever before offered:

Emile Lemoine. A grand novelty. Plant of extra fine habit and very free blooming, bearing immense trusses of large, full and well formed flowers of a dazzling carmine scarlet color, a color heretofore unknown in the Ivy Leaf section.

M. Chevreul. Very large trusses of large, perfect formed flowers; color a most beautiful shade of magenta rose. Very attractive. Plant of first-class habit and very free blooming.

Francesque Sarcey. Flowers large, full and round, of a brilliant satiny salmon rose color.

Abel Carriere. Large, fine double flowers of a beautiful currant red, tinted with dark violet. A variety of great merit.

Md. Hoste. Rosy salmon; distinct and beautiful.

Jeanne D'Arc. Produces large trusses of pure white double flowers.

Horace Choisel. A lovely variety, combining all the best qualities. Flowers large, very double, of a glowing salmon pink color, slightly tipped with white. The trusses are very large, and it is a perfect mass of bloom when in flower. Extra fine.

25c. each; set of 7 for \$1.50.

NEW DOUBLE GERANIUMS.

The following varieties are the pick of a recent importation from France, and are truly magnificent. In size of truss and floret, and in brilliancy of color and in profusion of bloom, they are far superior to the older varieties:

Bac-ninh. Immense trusses of large perfect flowers; centre salmon, bordered with lively red.

NEW DOUBLE GERANIUMS.—Continued.

Gen. Millot. Trusses full and perfect, and enormous size. Color dark violet crimson.

Gustave Wideman. Short-jointed and free flowering, color a rich shade of apricot.

Blanc Parfait. Very dwarf and free flowering. The finest double white.

Bruant. Trusses and pips of immense size, semi-double; color sparkling vermilion.

Grand Chancellor. We consider this the finest variety of recent introduction. For dwarf and beautiful habit, wonderful freedom of bloom, striking and brilliancy of color it has no equal. So marked is its superiority, that a small bed of it planted last summer among our collection of over 100 other varieties attracted the attention of the most casual observer.

60c. each; set of 6 for \$3.00.

MD. SOLLEROI.

NEW SILVER GERANIUM, "Md. Solleroi."

This is the greatest acquisition in variegated Geraniums, for bedding purposes, that has been introduced since the old "Mountain of Snow." It is entirely distinct from that class, however, as it partakes to some extent of the character of the Ivy-leaved section. It makes a round, pretty plant, about one foot high and wide. Foliage bright green, edged pure white. (See cut.)

30c. each; \$3.00 per dozen.

HYDRANGEA ROSEA.

This belongs to the same class as the white variety, "Thos. Hogg," but with beautiful dark rose colored flowers. It is not quite hardy in this latitude, requiring the protection of leaves, straw or some similar covering material during the winter.

50c. each; \$4.50 per dozen.

HYDRANGEA ACUMINATA.

A very distinct early flowering variety with large heads of bright rose colored flowers. The stems of this variety are entirely black, which gives the plant a strange and unique appearance.

50c. each; \$4.50 per dozen.

The box of plants arrived in first-class condition, and are flourishing. They act like native Minnesotians, and no one could tell they had come such a distance. For the large number of extras you sent I am very much obliged.

FRANK H. CARLETON, Minneapolis, Minn.

HELIOTROPE, "THE QUEEN."

NEW HELIOTROPE, "The Queen."

For neat dwarf habit, profusion of bloom, and richness of odor "The Queen" Heliotrope has no equal, and its vivid color of royal purple, with a distinct white centre, gives us something entirely new in color, either for summer decoration or winter flowering. (See cut.)

Price, 30c. ; \$3.00 per dozen.

NEW HELIOTROPE, "Birnie."

The great merit of this variety is in its dwarf, compact style of growth. Plants 6 inches high, being a perfect mass of bloom ; trusses large ; rich violet color.

30c. each ; \$3.00 per dozen.

NEW HELIOTROPES.

The recent great improvement in the varieties of Heliotropes has increased the popularity of these old-time favorites. The exquisite fragrance, immense size and wonderful colors of these new varieties is something extraordinary. Their easy culture and low price commend them to all.

The Queen. (See special description.) 30c.

Birnie. (See special description.) 30c.

King of Night. Dark royal purple, almost black, dotted in the centre with a distinct white eye. 30c.

Purple and Gold. Golden yellow foliage ; flowers large purple, making a fine contrast with the foliage. 20c.

Swanley Giant. Color carmine rose shaded violet. An entirely new color. Trusses immense ; often 10 inches in diameter. 20c.

Snow-wreath. The nearest white we have in heliotropes. Truss very large. Exquisite odor. 20c.

Set 6 New Heliotropes for \$1.00.

HELIANTHUS MULTIFLORUS, FL. PL.

HELIANTHUS MULTIFLORUS, FL. PL.

A double perennial "Sunflower." It is a great addition to our hardy herbaceous plants. Its dark golden yellow color is both fashionable and beautiful for cut flowers ; and planted singly or in clumps on the lawn it gives a splendid effect. (See cut.)

25c. each ; 5 for \$1.00.

NEW DWARF HOLLYHOCK, "CRIMSON PYRAMID."

NEW DWARF HOLLYHOCK, "Crimson Pyramid."

Grows to a height of from twelve to eighteen inches, completely covered from base to summit with semi-double flowers of the richest shade of scarlet crimson, flowering from June to September. (See cut.)

Strong flowering plants, 25c. each ; \$2.00 per doz.

The beautiful plants arrived in perfect condition, which did not surprise me, as they came from the first florist in the United States, although the number and value of the "gratis" plants did, for which accept my grateful thanks.

MISS E. L. AMBLER, Markham Sta., Va.

DOUBLE HOLLYHOCKS.

These are now one of the most fashionable of summer flowers, and nothing is more beautiful. Our collection was grown from seed of our own saving, and we feel confident that they will give the greatest satisfaction. Hollyhocks are among the finest permanent garden plants, as, being entirely hardy and free growing, they make a fine display, with little or no care. Double white; double yellow; double dark maroon; double lilac; double pink; double white, lilac centre; double blush; double rose.

Price for flowering plants, 15c. each; \$1.50 per doz.

1 plant each of the above 8 colors for \$1.00.

Double mixed varieties, \$1.00 per doz.

IMANTOPHYLLUM MINIATUM.

An amaryllis-like plant, producing great clusters of orange crimson flowers. Very showy and scarce.

\$1.00 each; 6 for \$5.00.

IMPATIENS SULTANA.

(The Sultan's Balsam.)

IMPATIENS SULTANA.

This beautiful novelty, offered for the first time last season in small quantities, gave the greatest satisfaction. For table or house decoration or for bedding purposes it is magnificent. It is always in bloom, and is a perfect mass of glistening rose scarlet flowers. It is one of the very best winter flowering plants, and is of the easiest culture. The cut shows only a single flower.

25c. each; \$2.25 per doz.

LOBELIA SWANLEY BLUE.

The best of all the Bedding Blue Lobelias; deep mazarine blue; fine habit. This variety is what is almost exclusively used for massing or ribbon lines in London and Paris.

Price, 15c. each; \$1.50 per doz. By the 100 at special low rates.

MENTHA GIBRALTICA.

A dwarf species of mint, used for baskets or vases, having the same refreshing fragrance as the ordinary mint.

(Ready March 1st.)

Price, 25c. each; \$2.25 per doz.

BEDDING PANSIES.

From a grand collection of seed in the following special colors: *Bronze, yellow, blue, white, and dark blue*, at 15 cents each, \$1.50 per dozen; or 50c. for the set of 5 colors. Ready March 1st.

NEW PANSY—Ashburnham Strain.

In size, form and coloring unequalled. Seeds cost \$20.00 per oz.

Price of plants, 25c. each; \$2.25 per dozen.

POPPY—Danish Flag.

An annual Poppy, the centre of flower pure white, outer part deep scarlet.

Price, 15c. each; \$1.50 per dozen. Ready April 1st.

THE LION'S TAIL.

Copyrighted, 1835, by Peter Henderson & Co.

"LION'S TAIL."

(Leonotus Leonuris.)

We offered this last season before we had seen it bloom, and were most agreeably surprised this summer to find it to be a most valuable plant. It blooms from September to December, and if successive propagations are made of it late in spring it can be got to bloom during the winter months, and will be a most valuable novelty either for the sitting room or conservatory. The drawing conveys but a meagre idea of it, as the spikes are upwards of a foot in length and of a most vivid orange color, which, next to blue, is the rarest color we have among flowers. (See cut.)

Price, 30c. each; \$3.00 per doz.

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 6 feet in length.

\$1.00 and \$2.00 each,
according to size.

TYPE OF NEW DOUBLE PETUNIA.

SET OF NEW DOUBLE PETUNIAS.

The perfection to which a race of flowers can be brought by the florist's skill, is perhaps never better shown than in the Petunia. To no plant we cultivate do we devote more care and labor, sowing our own seed, raising thousands of seedlings, from which we select the 12 best which we deem worthy of a name. The easy culture and showy appearance of the Petunia is well known, and the magnificent double, elegantly fringed flowers of this new collection will further add to their popularity.

Sunshine. Puresnow white; double and fine form.
Madeira. Dark wine color in centre, shading off to white at the edges.

Plush. Bright velvety crimson; elegantly fringed; very double.

Shadow. Dark maroon, almost black; crinkled edge.

Marion. Snowy white, the edge of every petal distinctly banded bright red; beautifully fringed.

Axiom. Blotched white and violet; fringed.

Dauntless. Clear white, lightly traced with crimson.

Captive. Very light lavender, delicately penciled with crimson.

Oradell. Beautiful mottled variety, white and carmine.

League. Bright crimson base of petals white.

Dandy. White, delicately shaded and marked with bright dark rose color.

Cable. Dark velvety maroon, finely fringed, oddly barred and splashed with white; distinct and fine.

50 cts. each; set of 12 for \$5.00.

NEW HARDY PASSIFLORA,

"Constance Elliott."

This beautiful variety is a seedling from *Passiflora Cerulea*, and like it is hardy and free growing. As a hardy climbing plant it rivals some of the Clematis in size, color and profusion of bloom, and surpasses them in vigor of growth and delicious fragrance. The flowers are about double the size of that shown in the engraving, and are pure ivory white. Excellent for cemetery purposes. Awarded a first-class certificate by the Royal Hort. Society, London, 1884. We consider ourselves fortunate in securing a large stock of this charming novelty, and have decided to offer it at so low a price that every one can obtain it.

Price, strong plants, 40c. each; 3 for \$1.00.

HARDY PASSIFLORA, "CONSTANCE ELLIOTT."

RODANTHE MACULATA.

An "everlasting flower"—that is, the flowers can be dried and kept for years. This is most extensively grown all over Europe, both as a pot plant or for summer bedding. Its daisy-like flowers are a deep rosy carmine. Grows to a height of eighteen inches.

Price, 15 cts. each; \$1.50 per dozen. Ready in April.

SALVIA, "Mrs. Edward Mitchell."

A new seedling variety, raised by I. H. Slocum, gardener to Hon. Chas. Mitchell, New Haven, Conn. It is a distinct crimson purple color, having the habit of the old scarlet variety (*Splendens*) and is a decided acquisition.

Price, 30c. each; \$3.00 per dozen.

Plants received in splendid condition. I have purchased from many responsible firms, but your plants are far ahead of all. I am more than pleased.
 KATE E. KEMBLE, Mechanicsburg, Pa.

Copyright by Peter Henderson & Co., 1884

NEW WHITE PINK, "SNOW."

NEW WHITE FORCING PINK, "Snow." (Mrs. Sinkins.)

A most excellent novelty, particularly valuable for forcing for cut flowers in winter. Specially suited for the Easter Holidays, as it forms a perfect mass of snow-white flowers, whether grown in pots or in benches. It is entirely distinct from and infinitely superior to the old White Scotch Pink, being nearly double the size and of the most exquisite clove fragrance. It is a true Florist Pink and consequently is entirely hardy, *thus* making it a valuable plant, either for flower garden or for cemetery purposes. The cut gives an exact representation of it.

Large Flowering Stock Plants, 50 cts. each; \$4.50 per doz.

Small " " 20 " " 2.00 "

ANNE BOLEYN PINK.

Of the same class as the Snow Pink above described—almost identical except in color, which is a dark rose color with crimson maroon centre. Tens of thousands of this beautiful Pink are sold in London each season. Fine stock plants, 30 cts. each; \$3.00 per dozen. Smaller plants, 15 cts. each; \$1.50 per dozen.

I did expect some good plants, but must say I was astonished when I opened package to find so many "bushes," instead of small plants. Please accept my hearty thanks for the extras. I was never so well satisfied before.

EDGAR HOWE, Salt Lake City, Utah.

"JEAN SISLEY."

NEW PERPETUAL FLOWERING PINK, "Jean Sisley."

Entirely distinct; ground color light shade of rose, with a deep crimson centre; rich clove fragrance, having the free flowering qualities of the Monthly Carnations. Single spikes have frequently 6 fully developed flowers on at one time. It is certain to be very useful for cut flowers in winter, as well as being a most prolific summer bedding plant. Entirely hardy.

Price, 50c. each; \$4.50 per dozen. Stock plants, \$1.50 each.

STREPTOSOLEN JAMESONI.

STREPTOSOLEN JAMESONI.

The flowers are lobed, nearly one inch in diameter, opening bright orange, changing to a rich, dark cinnabarred. Blooming in the greatest profusion from March to July. As it requires but little heat, it can be grown very successfully as a house plant. (See cut.)

25 cts. each; \$2.25 per dozen.

TIGRIDIA GRANDIFLORA ALBA.

TIGRIDIA GRANDIFLORA ALBA.

Its flowers are large, of a dead, or pearly white color, marked at the base of each division with large spots of reddish brown or chestnut color on a yellowish ground, forming a fine contrast with the white of the petals. This is a grand acquisition to our summer borders, and a grand companion to the already known and admired varieties of this family. 35 cts. each.

OTHER VARIETIES.

Conchiflora. With deep colored flowers; a lovely variety.

Grandiflora. Deep crimson scarlet, of the largest size.

10 cts. each; set three for 50 cts.

NEW DWARF TROPEOLUM, "Flamingo."

Intense dazzling scarlet; dwarf. One of the finest plants for massing, vases, baskets, or for covering rock work. This plant is grown in immense quantities for all purposes of decoration in England, and is certain when known to be valued here, as no plant is better suited either for summer or winter flowers.

Price 25c. each; \$2.25 per doz.; by the 100 at special low rates.

It is just as easy and satisfactory to buy from your handsome catalogue, as it would be to select my plants in person at your green-houses. You always send fine healthy plants, and usually far better than I would expect, considering your low prices.

MRS. GEO. PARK, Augusta, Me.

TYPE OF NEW MAMMOTH VERBENA.

NEW VERBENAS, MAMMOTH STRAIN.

In 1884 it was our good fortune to raise the seedling Verbena "America," which in size, substance and brilliancy of coloring far surpassed any variety hitherto in cultivation. From it we obtained seed enough to raise a large number of plants, from which we selected the list below, which embraces nearly every shade of color known in the Verbena. Every flower in the set (of 14) when well grown measures fully 9 in. in circumference, the single florets being large enough to cover a 25-cent piece. This great improvement in size is certain to increase the popularity of the Verbena as a summer bedding plant. This set of 14 from the New Mammoth strain is far in advance of anything that has ever been introduced.

- Century.** Brilliant scarlet, clear white centre.
- Crystal.** Pure white.
- Damson.** Rich purple mauve, clear white centre.
- Edith.** Salmon shaded carmine, centre white.
- Emily.** Royal purple, clear large white centre.
- Fanny.** Violet rose, large white eye.
- Glow-worm.** Brilliant scarlet, perfect form.
- Jean.** Rosy pink, distinct white centre.
- Lapiz-Lazuli.** Blue, perfect form.
- Miss Stout.** Carmine scarlet.
- Maltese.** Lilac shaded blue.
- Mrs. Massey.** Salmon pink, large white centre.
- Marion.** Mauve; perfect form, white centre.
- Nelly Park.** Orange scarlet; splendid.

Price, 30 cts. each; \$3.00 per set of 14.
By the 100 or 1,000 at special rates.

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. The flowers sold last winter at four times the price of the blue.

Stock Plants, 50 cts. each; \$4.50 per dozen.
Small Plants, 25 cts. each; \$2.50 per dozen.

GOLDEN THYME (Improved). (Thymus Elegantissimus Var.)

A greatly improved variety of the Golden Thyme. The yellow variegation is a bright golden color, which contrasts finely with the green. Very useful for baskets or ribbon line planting.

20 cts. each; \$2.00 per dozen.

DOUBLE TROPEOLUM.

NEW DOUBLE TROPEOLUM. (Bicolor Fl. Pl.)

The deserved popularity of the double orange colored variety, "Herman Grasshoff," will be more than equaled by this new and splendid acquisition. It produces in wonderful profusion its rich, orange colored flowers, which are distinctly striped with scarlet. (*See cut.*)

20 cts. each; \$2.00 per dozen.

Your New Mammoth Verbenas are ahead of anything ever before seen. If I had had your collection in the days when I grew plants for market, they would have been a perfect "bonanza."

JOHN HENDERSON, Flushing, N. Y.

GENERAL COLLECTION.

THIS portion of the Catalogue will well repay a careful perusal, as it contains all the old favorites and Novelties of previous years, and, in fact, the largest and most complete collection of plants to be found in this country.

Notice the Prices.—A careful comparison of prices will show that they are lower than ever before, and (quality considered) lower than any in the trade, the vast number of plants we sell each season, placing us beyond competition in quality and prices. (Our sales now exceed two million plants annually.)

Chrysanthemums.

AS an evidence of the altogether unprecedented popularity of the Chrysanthemum, we state the almost incredible fact that at the Auction Sale of the plants exhibited at the New York Horticultural Society's rooms on November 7, 1885, one single plant brought the extraordinary sum of \$105, and that the proceeds of 300 plants amounted to \$1,000, being an average of over \$3.00 for each plant. With a few unimportant exceptions, our collection embraces all the kinds sold at these extraordinary rates. 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. The multiplication in the varieties of Chrysanthemums in the last few years has been so great as to become confusing. We therefore offer only the "12 best" in each class, although we can supply 200 varieties if desired.

12 BEST NEW CHRYSANTHEMUMS—Semi-Double.

- America.** An immense flower, petals long and somewhat twisted, opening blush and maturing pure white; early.
- Dr. Hogg.** Petals broad and smooth, rich velvety crimson, in about 3 rows, flowers on long foot-stalks.
- Harriet Thorpe.** Opening at first light blush with very deeply lacinated petals, in 3 or 4 rows, conspicuous yellow disc maturing pure white and incurving so as to form complete globes; beautiful; late.
- James Y. Murkland.** Petals purest snowy white; very long, much reflexed on the outer edges, inner petals arranged in irregular shapes, resembling the wavy-like curls as found in the most beautiful ostrich plumes; superb.
- John W. Chambers.** Flowers very large, of 4 to 6 inches in diameter, of the purest golden yellow; late, fine single.
- Mrs. C. L. Allen.** Handsome plant with hold flowers, deep rose, with pure white ring around yellow disc; fine.
- Mrs. S. Lyon.** Immense flowers; white, with creamy shade at base; peculiar and effective.
- Peter Henderson.** Very fine flowers; $4\frac{1}{2}$ inches in diameter, pure lemon yellow; fine habit, early, first-rate.
- Septimus Lyon.** Flowers 7 inches in diameter, opening in a broad, flat, even head without showing the disc; the petals are of a pure golden yellow on the upper surface, lower surface of peculiar apricot red.
- W. A. Harris.** Flowers very large, single, in fine dense heads of the finest effect; petals lined with deep bronze, on a pure golden yellow ground; novel and distinct.
- W. Falconer.** Flowers immense, of a deep red pink, of the brilliant soft red effect as seen in the *Rose Bon Silene*.
- Zephyr.** A most distinct variety, nearly double, with roundly twisted petals of a delicate straw or cream color, curved so as to form distinct filament-like surfaces; disc large, bright gold color; a remarkable variety.

10 cents each; set 12 for \$1.00.

The plants I ordered from you reached me a week ago. They came in splendid condition. Please accept my thanks for promptness and care in selecting and packing the same.

H. HUNTINGTON, Winter Park, Fla.

CHINESE CHRYSANTHEMUMS.

12 Best Large Flowering.

Geo. Glenny. Amber yellow; extra fine.
Virgin Queen. Large pure white; quilled.
Md. Graine. Large pure white; fine form.
Euth. Pink.
Pericles. Bright Indian red.
Lady Slade. White and lilac.
Baraba. Golden bronze.
Souvenir de Mercedes. Silvery pink.
Gerda. Bright orange.
Aurea Multiflora. Pure yellow.
La Neige. White.
Mrs. Geo. Rundle. Pure white.
 10c. each; set of 12 for \$1.00.

POMPONE CHRYSANTHEMUMS.

12 Best Small Flowering.

Mongolfier. Maroon, tipped rich gold; extra fine.
Bob. Dark brown crimson; fine color.
Model of Perfection. Rich lilac, edged pure white.
Souvenir de Jersey. Deep rich yellow; flowers very small.
Amphilla. Rich chestnut, distinct.
Mrs. Aristee. Deep canary yellow; fine.
Snow Drop. Pure white.
Princess Meletia. Fimbriated white, one of the best for cut flowers.
Carminata. Maroon and golden bronze.
Elenore. Brown crimson, tipped with gold; very pretty.
Lucrece. Bronzy red and deep gold.
Ebernella. Lilac pink.
 10c. each; \$1.00 per dozen.

JAPANESE FLOWERING CHRYSANTHEMUMS—12 Best.

Sonce d'Or. Golden twisted flowers, tipped yellowish brown.
Elaine. Pure white, extra fine for cut flowers.
Fulton. Long twisted florets, of a clear bright yellow color.
Md. Lemoine. Silvery bronze, tinted yellow.
Prince of Orange. Rich golden bronze, fine for cut flowers.
Yellow Eagle. Deepest golden yellow; one of the best for cut flowers; late.
M. Fittiere. Blush white and pink, shaded with purple.
Glorie de Toulouse. Striped crimson and white.
Jessica. Large chrome yellow, and rich brown.
Ne Plus Ultra. Lilac, golden tips.
Juvena. Deepest crimson, petals narrow and much twisted.
Fair Maid of Gurnsey. Snow white; one of the very best.
 10c. each; set 12 for \$1.00.
 For new varieties see page 107.
 Full set 61 varieties, new and old, for \$6.00.

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 annals, and should not be planted out until May 15th.

Tricolor Giganteus. Scarlet, crimson and yellow.
Bicolor Ruber. Scarlet crimson.
Salicifolius. Willow leaved; crimson and yellow
 10 cts. each; 75 cts. per dozen.

AUCUBA JAPONICA VARIEGATA.

A half-hardy evergreen shrub, with rich, glossy green leaves, with golden yellow spots; hardy south of Washington; well fitted for centre of vases or baskets in shaded places in summer.
 30 cts. each; \$3.00 per dozen.

AQUILEGIA.

(Columbine.)

These very showy hardy plants rank among the very best plants for early summer blooming; all colors mixed, yellow, orange, blue, pink, etc.

15 cts. each; \$1.50 per dozen.

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 hardy plant for cemetery purposes. Though not new, it is quite a scarce plant. (See cut.) 20 cts. each; \$2.00 per doz.

NEW ALTERNANTHERA AUREA NANA.

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. It makes a fine contrast with the crimson variety, *Parychoides major*. 10 cts. each; 75 cts. per dozen. Special prices given on large quantities.

ALTERNANTHERA PARYCHOIDES MAJOR (Rainbow Plant).

This grand ornamental foliaged plant is now grown in immense quantities for "massing" and for ribbon lines. We supplied 20,000 plants of it in one order for one of the Newport villas in 1883, and the effect of this large mass of gorgeous coloring of crimson, scarlet and pink contrasting with the green lawn was the wonder of thousands. It has been well named the Rainbow Plant, as, when seen at different angles, it presents great variety of coloring.

Price, 10c. each; 75c. per doz. Special rates on application.

ALTERNANTHERAS.

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.
Amœna. 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. The finest red.
Spathulata. Leaves tinted carmine and green.
Versicolor. Leaves tinted rose and crimson.
Aurea Nana. (See special description.)

10 cts. each; 75 cts. per doz.; set of 9 sorts for 60 cts.

DOUBLE ABUTILON, "THOMPSONI PLENA."

DOUBLE ABUTILON, "Thompsoni Plena."

This originated in a "sport" from *Thompsoni variegata*. It 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. Sent out by us for the first time two years ago. (See cut.) 20 cts. each; 6 for \$1.00.

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. A few 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.

Aug. Rossold. Variegated foliage, yellow and green.

John Hopkins. Bright canary yellow.

Mrs. Roenbeck. Bright red.

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.

Santana. Flowers brownish crimson.

Crusader. Cherry red; parasol shaped.

Fraseri. Dazzling crimson; immense size; extra fine.

Ne Plus Ultra. Dark carmine rose.

Tancrede. Dark rose color.

Toison d'Or. Orange color.

Yellow Prince. Very dark yellow.

New Double. (See above.) 20 cts.

Thompsonii. Leaves mottled; golden yellow.

Boule de Neige. White.

Vesuvius. Intense crimson.

10 cts. each, except where noted; 21 sorts for \$2.00.

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.

White Cap. (See *Novelties*.) 20 cts.

Cope's Gem. (See *Novelties*.) 20 cts.

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.

Imperial Dwarf. A variety of "A. Mexicanum," which it resembles; flowers blue.

John Douglas. Fine 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.

10 cts. each; 75 cts. per doz., except where noted. Set of 10 sorts for \$1.00.

ALOYSIA CITRIODORA,

Lemon Verbena.

A well known shrub, indispensable for the delightful fragrance of its leaves in the construction of bouquets, etc.

10, 20 and 30 cts. each.

ARMERIA MARITIMA, "SEA PINK."

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. (See cut.)

20 cts. each; \$2.00 per doz.

AMARYLLIS.

Amaryllis Johnsonii	\$0.75
" Greviana	.75
" Atamasco	.10
" Aulica	.75

Set of 4 for \$2.00.

ALLAMANDA NERIFOLIA.

A compact growing green-house 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.

Your second shipment of plants came to hand in fine order, and I am happy to say that I never received a more elegant lot than they were. Many thanks for the same.

MRS. W. F. KNIGHT, Brownwood, Texas.

AZALEA INDICA ALBA.

The large, pure white, single variety. This is the 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 " 40 " 4.00 "
3d " 25 " 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 in excellent condition, and we can offer fine sized blooming plants of the finest varieties at low rates. We offer 20 of the most distinct and beautiful—all shades pink, crimson, violet, etc.

Extra size, \$1.00 each; \$10.50 per doz.
1st size, 60 cts. each; \$6.00 per doz.
2d " 30 " " 3.00 "

THE FIVE BEST ACHYRANTHES.

Well known bedding plants of rapid growth. We offer the five finest and most distinct varieties.

Collinsii. Very dwarf and compact; yellow, pink and green, the yellow predominating.

Emersoni. Maroon, changing to pink.

Hoveyi. Carmine, shaded dark and light pink.

Cæsii. Golden yellow; veined green.

Woolseyii. Dark metallic crimson, almost black.
10 cts. each; 75 cts. per doz.; set 5 for 40 cts.

**AMPELOPSIS VEITCHII,
"South-side Ivy."**

Derives its familiar title from being the very best plant to cover a south wall.

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.

1st size, 50 cts. each; \$4.50 per doz.
2d " 25 " 2.25 "

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 add greatly to its beauty; a splendid basket plant or for covering rock-work.

20 cts. each; \$2.00 per doz.

ALYSSUMS (Sweet).

Old favorites, valued for their exquisite fragrance and easy culture. Being almost constantly in bloom, they are most useful for bouquets, while the variegated leaved kinds are excellent for bedding purposes.

Variegated Single. Similar to the old Sweet Alyssum, but with variegated leaves.

Variegated Double. Foliage white and green, the white predominating. The best bedding sort.

Colossus. Pure white flowers; very large.

Double White. Same as above, but with double flowers.

Tom Thumb. Unique and pretty; grows only 4 inches high; extra fine.

10 cts. each; \$1.00 per doz.; set 5 for 40 cts.

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.

1st size, 30 cts. each; \$3.00 per doz.
2d " 20 " " 2.00 "

ANTIRRHINUM (Snap Dragon).

We offer this year an unusually fine lot of Antirrhinums, seedlings from seed saved from the finest and most beautiful flaked, mottled and striped varieties in cultivation.

10 cts. each; 75 cts. per doz.

DOUBLE NOUVARRIA.

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 flower garden, beginning to bloom in August and continuing until frost. They require considerable heat—an average of 60 degrees in winter.

Oculata. Blush color.

Double Pink. New. Like a miniature Tuberosa.

Double White. New. Same, but pure white.

Elegans. Bright carmine.

Humboldt. Large white; fine.

Leiantha. Dark, dazzling scarlet.

Lutescens. Rich yellow.

Rosea Multiflora. Fine pink.

Davidsoni. White; fine form.

Lady Hyslop. Pink.

Brunetti. Light blush. New.

Thos. Meehan. Double scarlet. 30 cts.

Vulcan. Single scarlet.

Sanguinea. Crimson.

Priory Beauty. (See Novelties. 75c.

Dazzler. (See Novelties.) 75c.

15 cts. each; \$1.50 per doz., except where noted.

Set of 16 sorts for \$3.00.

Copyright by Peter Henderson & Co., 1884.

BEGONIA METALLICA.

This elegant variety has very large glossy leaves shaded with green, crimson and olive, with a peculiar metallic lustre over all. Flowers large; dark pink in color. The cut gives a good idea of its habit, but no engraving or description can portray its beautiful appearance.

50 cts. each ; \$4.50 per dozen.

BEGONIA, Flowering.

Plants adapting themselves to a variety of uses; are used for planting in the garden for summer decoration, or as pot plants, for cut flowers in winter; they 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.

Palmata. Umbrella shaped. 50 cts.

Multiflora. Pink; very profuse.

Alba. Same as "Rubra" in habit, but with white flowers.

Foliosa. White, with neat, drooping foliage.

Fuchsoides Alba. Flowers pure white.

Hybrida Multiflora. Small leaves, rosy pink flowers.

Ingramii. Rose color.

Nitida. Flowers light flesh color.

Nitida Alba. Flowers white.

Rubra. Dark coral color.

Sanguinea. Surface of leaves olive, underside crimson. 50c.

Metallica. (See cut.) 50 cts.

Saundersonii. Flowers bright scarlet crimson.

Washingtoniana. Pure white. 50 cts.

15 cts. each ; \$1.50 per doz., except where noted.
Set of 14 sorts, \$3.00.

(For newer sorts see page 106.)

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. (See cut.)

10 cts. each ; 75 cts. per dozen.

BOUGAINVILLEA SPECTABILIS.

This handsome plant is quite easily grown, thriving in almost any night temperature that is higher than 40 degrees. It produces very freely large cone-shape racemes of beautiful rose-colored bracts. Being of climbing habit, it probably has no equal for training to the rafters of conservatories or green-houses. The Bougainvillea has proved with some to be a very profitable plant to force for the bloom during the winter.

Strong plants, \$1.00 each.

TUBEROUS BEGONIA.

BEGONIA, Tuberous Rooted.

A comparatively new section of this beautiful tribe; flowers ranging through all the shades of crimson, scarlet, rose, orange, etc. They require the same treatment as the fancy leaved Caladiums, Gloxinias, etc.; 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.

30 cts. each ; 4 for \$1.00.

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, 30 cts. each ; \$3.00 per dozen.

2d " 20 " " 2.00 "

BONEPARTIA 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.

\$1.00 each ; \$9.00 per dozen.

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.

20 cts. each ; \$2.00 per dozen.

Clematis.

Next to the Rose the Clematis is the most popular flowering plant of the day; entirely hardy, blooming during the entire season, embracing great variety of color, of the most beautiful tints of blue, purple, lavender, scarlet, white, etc.; double and single — some of the flowers being six inches in diameter, and from their wavy, graceful contour, when wafted by a slight breeze, the flowers resemble huge butterflies hovering among the green leaves. They are all climbers, and if trained carefully, attain a height of from five to fifteen feet in one season.

Until about April 1st the Clematis is in a dormant state, and the roots can be sent with perfect safety *by mail* to all parts of the country. After that date they had better be sent by express, if possible, although they can be mailed at all seasons of the year.

GROUP OF CLEMATIS.

VARIETIES OF CLEMATIS.

Alexandria. Pale, reddish violet; free blooming.
Countess of Lovelace. Distinct double variety; pale bluish lilac.
Duchess of Edinburgh. Fine, double white; very fragrant.
Fair Rosamond. Blush white, wine colored bars.
Fortunei. Double white, very free flowering.
Gipsy Queen. Rich, bright, dark velvety purple.
John G. Veitch. Lavender blue; large double flowers.
Lord Londesboro. Deep mauve; very large and attractive.
Languinosa Candida. White tinted lilac.
Lawsoniana. Rosy purple, with dark veins.

Lord Nevill. Rich plum color; large and finely formed.
Magnifica. Reddish purple, with red bars.
Miss Bateman. White, with chocolate anthers.
Mrs. Quilter. Pure white, fine form and substance.
Mrs. S. C. Baker. Delicate pink, with claret bars.
Rubella. Velvety claret purple; distinct and free.
Regina. Bluish lavender.
Sensation. Rich satiny mauve; large and showy.
Sir Garnet Wolseley. Pale blue, barred with plum color.
The Queen. Delicate lavender, flowers six inches across.

1st size, \$1.00 each; set 20, \$18.00. 2d size, 60 cts. each; set 20, \$10.00. 3d size, 40 cts. each; set 20, \$7.50.

We have obtained perfect lawns in ninety days from time of sowing by using Henderson's Lawn Grass Seed.

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.) 25 cts. each; 5 for \$1.00.

CLEMATIS JACKMANNI. 1/4 NATURAL SIZE.

CLEMATIS JACKMANNI.

The best known and most valued variety of this popular family. A perfect mass of bloom when in full flower. Color dark rich royal purple.

1st size, 75 cts. each;
\$7.50 per dozen.
2d size, 50 cts. each;
\$4.50 per dozen.
3d size, 30 cts. each;
\$3.00 per dozen.

CAMPSIDIUM FILICIFOLIUM.

An elegant climber, of rapid growth, for green-house culture, the leaves of which much resemble the fronds of a fern in miniature, giving it an unusually graceful appearance. It may be grown as a pot plant, or trained to the rafters. Very desirable. 40 cts. each; \$4.00 per dozen.

CYPERUS ALTERNIFOLIUS.

This beautiful plant has whorls of leaves 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. 30 cts. each; \$3.00 per dozen.

COBEA SCANDENS.

COBEA SCANDENS.

A beautiful climbing plant of rapid growth, attaining a height of twenty feet in a single season, either in or out of doors. Flowers bell shaped and purple in color.

20 cts. each; \$2.00 per dozen.

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.

1st size, 50 cts. each; \$4.50 per doz.

2d " 30 " " 3.00 "

3d " 15 " " 1.50 "

Extra size, \$1.00 each.

FANCY LEAVED CALADIUMS.

(See page 108.)

CROTONS.

Plants which, from their beautiful leaf variegation, demand a place in every collection of hot-house plants, or for summer bedding.

Disraeli,
Undulatum,
Volutum,
Weismani,
Earl of Derby,
Challenger,
Camptophyllus,
Johannis,

Elegans,
Nobile,
Veitchi,
Mooreana,
Majesticum,
Youngi,
Queen Victoria,
Aurea Maculata.

1st size, \$1.00 each; 9.00 per doz.

2d " 50c. " 4.50 "

The Clematis Coccinea I purchased from you has grown splendidly. It is now about 10 feet high, and nearly as wide. It is a perfect mass of scarlet colored flowers. Every one should grow this beautiful, hardy climbing plant. MRS. CHAS. SLEIGHT, Indianapolis, Ind.

HARDY GARDEN CARNATIONS.

CARNATION—Hardy Garden Varieties.

Very attractive garden plants; perfectly hardy. All shades of white, pink, crimson, violet, maroon, etc. We have a superb lot of these satisfactory plants, and can highly recommend them. All these carnations have exquisite clove fragrance, which, with their rich and varied shades of color, make them invaluable for summer bouquets. (See cut.)

10 cts. each; \$1.00 per dozen.

CAMELLIA.

CAMELLIA JAPONICA.

Double White. \$1.00 to \$3.00 each.

Colored. In variety, 50 cts. to \$1.50 each.

SHRUBBY CALCEOLARIAS.

(See page 107.)

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 dozen.

CANNA INDICA.

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 immense collection, old and new. They combine the most striking tropical foliage with flowers many of them equal to Gladiolus.

Discolor Violacea. Very dark chocolate foliage.

Marechal Vaillante. Foliage light bronze; flowers orange.

Compacta. Pea green foliage; flowers canary yellow.

Imperator. Dark green foliage; large scarlet flowers. 9 feet.

Creole. A very fine dark variety. 6 feet high.

Excelsa Zebrina. Dark foliage; flowers carmine.

Erin. Foliage green; orange and scarlet flowers. 4 feet high.

Oreole. Deep green foliage; flowers deep orange color. 6 feet.

Excelsa Nana. Very dark foliage. 5 feet high.

Brenningsi. Foliage deep green, striped whit; flowers rose.

Tricolor. Crimson, green and bronze. 3 feet high.

Pius IX. Flowers yellow and crimson.

Ehemani. 30c. (See page 106.)

Luke Blackburn. 50c. (See page 106.)

15c. each; \$1.50 per doz., except where noted

Full set of 14 for \$2.00.

COLEUS.

COLEUS.

This beautiful family of ornamental foliage plants has been steadily increasing the beauty and diversity of its varieties ever since its introduction. 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. We name the "12 best," but can supply 50 other varieties if desired:

Kirkpatrick. Large leaf, blotched in the centre like Geranium Happy Thought.

Hero. Chocolate maroon.

Verschaffeltii. Rich velvet crimson.

J. Burnsham. (New.) Yellow and crimson; spotted.

Midnight. Dark maroon, flamed with crimson.

Ruby. Rich crimson maroon; centre dark rose color, beautifully fringed edges; a superb variety.

Queen of the Lawn. Dazzling carmine, rimmed with velvet maroon.

Leaves of Autumn. Large foliage; crimson, yellow, pink and bronze.

Golden Bedder. (See special description.)

Firebrand. Dark crimson, shaded garnet; extra fine.

Yellow Bird. Clear golden yellow; strong grower.

J. H. Slocombe. Maroon, edged old gold and yellow.

10 cts. each; 75 cts. per dozen; \$6.00 per 100.

Set of 13, including the "Shah" (see page 125), for \$1.30.

For superb New Coleus see page 107.

I wish to thank you for those hardy Garden Carnations you sent me last spring. They are now all in bloom, and I must say they are magnificent. Out of the 3 dozen plants I got all shades of color, pink, crimson, rose, blush, etc. All were double and exquisitely fragrant.

P. H. DAVIS, Richmond, Va.

COLEUS "SHAH."

COLEUS, "The Shah."

This is one of those really fine plants which at times are lost sight of and get out of general cultivation. One-half of the leaf is bright crimson maroon, and the other half golden yellow, as shown in the cut. Our plants are all finely marked.

20c. each; 6 for \$1.00.

NEW COLEUS, "Golden Bedder."

This great acquisition gives us at last a pure yellow Coleus that will not burn out or fail under ordinarily favorable conditions. Tried side by side with *Verschaaffeltii* 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. We sold 30,000 of this variety alone last season.

10 cts. each; 75 cts. per dozen; \$6.00 per 100.

COLEUS, BEDDING.

We select of those contrasting colors best suited for ribbon lines or for massing.

Verschaaffeltii. The old, well known brown crimson sort.

Firebrand. Crimson and garnet.

Queen of the Lawn. Dazzling carmine.

Hero. Deep maroon, almost black.

Golden Bedder. (See special description.)

Kirkpatrick. Blotched white

10 cts. each; 75 cts. per dozen; per 100, \$6.00

CAMPANULA, "Canterbury Bells."

A favorite class of hardy plants, valued for their easy growth and showy appearance. We offer a very fine mixed collection; colors blue, white, pink, etc.

10c. each; \$1.00 per dozen.

CARDINAL FLOWER.

(*Lobelia Cardinalis*.)

A most gorgeous hardy plant growing four feet in height, and producing flower spikes eight inches long, of an intense vermilion scarlet color.

20 cts. each; 6 for \$1.00.

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.

Snowball. Large white.

La Purite. Carmine; dwarf; profuse.

King of Crimson. Dark crimson maroon.

Snowdon. White; dwarf.

Hintze's White. White, fringed.

Grace Wilder. Beautiful pink.

20 cts. each, \$2.00 per dozen, except where noted; \$10.00 per 100; set of seven for \$2.25. Extra large plants of these sorts in the fall at double the above rates.

CARNATION "BUTTERCUP."

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.

Snowball. Pure white.

Garfield. Crimson scarlet.

Albany. Dark carmine pink.

Lulu. Light pink.

Vesuvius. Dark crimson; immense size.

Mrs. McKenzie. Rose color; fringed.

Kate. Dark flesh color; very fragrant.

Buttercup. Golden yellow. 75 cts.

Philadelphia. Bright scarlet.

Astoria. White, fringed yellow and scarlet. 50 cts.

Bonnie Doon. Bright magenta.

King of Crimson. Dark crimson.

Lydia. Yellow and orange. 50 cts.

La Purite. Carmine; dwarf and profuse.

Peter Henderson. White.

Grace Wilder. Exquisite delicate pink.

Rosy Morn. Beautiful salmon pink.

Hintze's White. Pure white; very large; fringed.

Snowdon. Pure white; dwarf.

Shellflower. Rosy pink.

20 cts. each, except where noted; \$2.00 per dozen; set of 20 varieties for \$5.00.

(For new varieties see page 108.)

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 dozen.

DELPHINIUM FORMOSUM.

DELPHINIUM FORMOSUM, Blue Larkspur.

This beautiful hardy plant has curious shaped flowers of a deep blue color, with a white centre. (See cut.)
15 cts. each; 8 for \$1.00.

DRACÆNA (Dragon Tree).

Beautiful ornamental leaved plants, much used for centres of baskets or stands, or for specimen plants in parlor or greenhouse.

Draco. Stiff, sword-like, green leaves. 50 cts. each.

Cooperi. Crimson and pink. 75 cts.

Terminalis. See above.

Indivisa. Green and bronze; narrow leaves. 30 cts. to \$1.50.

Fragrans. Large green variety. \$2.00 each.

Ferreæ. Dark red. 50 cts. to \$2.00 each.

DRACENA TERMINALIS.

DRACENA TERMINALIS.

Rich crimson leaves, distinctly marked with pink and white.
Fine for a centre plant in baskets or vases.
25 cts., 50 cts. and 75 cts. each.

DAHLIAS.

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.

Annie Neville. Pure white; very fine.

Black Knight. Very dark crimson.

Chameleon. Blush white, flaked purple.

Flora. Magenta, shade of pink.

La Phare. Brilliant scarlet; extra fine.

Nellie. Pearl white, shading to carmine.

Mrs. Pigott. Pure white; very fine.

Striped Lady. Crimson and orange.

Vesta. Pure white; very fine.

Wm. Penn. Orange red.

Oriole. Golden yellow.

Pre-eminent. Deep purple.

15 cts. each; set 12 for \$1.50.

Can supply 25 other varieties if desired.

12 BEST BOUQUET DAHLIAS.

Amorette. Deep crimson.

Black Dwarf. Maroon black.

Bride of Roses. Light pink.

Exquisite. Orange, scarlet edge.

Gem. Crimson.

Lurline. Amber yellow.

Pearl. Snow white; fine form.

Marguerite. Mauve pink; very fine.

Mary. Scarlet.

Snowflake. Pure white.

Little Kate. Carmine crimson.

Dr. Stein. Crimson and pink.

15 cts. each; set 12 for \$1.50.

Can supply 25 other varieties if desired.

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.

20 cts. each; \$2.00 per dozen.

ENGLISH DAISIES.

Nothing is more beautiful in the spring than these easily grown plants—perfectly double. All colors, from dark crimson and pink to pure white. Entirely hardy.

10 cts. each; 75 cts. per dozen.

DIGITALIS (Foxglove).

Very showy hardy plants of stately growth. All colors, mixed; pink, rose, purple and white.

10 cts. each; \$1.00 per dozen.

GROUP OF NEW SINGLE DAHLIAS.
(One-third natural size.)

SET 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 centre surrounded with petals running through all the shades of scarlet, crimson, rose, yellow, orange, white, lilac, carmine, etc.

12 BEST SINGLE-FLOWERING DAHLIAS
See top of next column.

12 BEST SINGLE-FLOWERING DAHLIAS.

- Amaranth.** Violet purple.
- Butterfly.** A beautiful shade pink.
- Ballot.** Deep carmine; large and showy.
- Cynthia.** Orange and bronze.
- Corsage.** Intense bright scarlet; very fine.
- White Queen.** Pure white, with yellow disc.
- Mulberry.** Violet crimson, yellow disc.
- Pearl.** Straw color.
- Sandusky.** Orange; immense size; very distinct disc.
- Scarlet Dwarf.** Scarlet.
- Yellow Dwarf.** Yellow.
- Vicarage.** Bright vermillion.

20 cts. each; set 12 for \$2.00.

NEW CORAL PLANT.

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 old, but this acquisition is grand the first season. The roots can be lifted in the fall and kept over winter in a cellar, like Dahlias. (See cut.)

30 cts. each; 4 for \$1.00.

I received my plants in splendid order, and I am more than satisfied with them. If any one wants fine large plants I advise them to send to you. Last September I visited your place, and I was much pleased with the manner in which your establishment is conducted, and the condition of your stock.

A. B. WHITE, Millville, Mass.

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 rockwork, where there is *moisture and shade*.

Adiantum Cuneatum. 25c. and \$1.00 each.
 " **Decorum.** 25c. and \$1.00 each.
 " **Roenbecki.** 25c. each.
 " **Pubescens.** 25c. each.
 " **Gracillimum.** \$1.00 each.

Pteris Serrulata. 25c. each.
 " **Verides.** 25c. each.
 " **Tremula.** 25c. each.
 " **Argyrea.** 25c. each.
 " **Chrysophylla.** 25c. each.

Alsophylla Australis. 25c. each.
Lygodium Scandens (Climbing Fern). 15c. each.

Set 12 for \$3.00.

EULALIA JAPONICA VAR.

An older variety than the *Eulalia Japonica* Zebrina. 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.

1st size, 75 cts. each; \$7.50 per doz.
 2d " 50 " 4.50 "
 3d " 25 " 2.25 "

EULALIA ZEBRINA OR ZEBRA GRASS.

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 feet 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.)

We were the first to put this splendid plant into commerce, paying \$600 for a few plants.

1st size, 75 cts. each.
 2d " 50 "
 3d " 25 "

NEW FEVERFEW, "LITTLE GEM."

NEW DWARF FEVERFEW, "Little Gem."

The great value of the old Dwarf Feverfew for cut flowers during the summer, fall and winter, is well known to florists and others. This variety, which we sent out last year, surpasses it in every way. It is very dwarf, attaining a height only of from twelve to eighteen inches. The flowers are larger, of more perfect form, and of the purest white.

20 cts. each; \$2.00 per doz.

GLOXINIAS.

These are among the handsomest of our summer-blooming 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.

GERANIUMS, Ivy-leaved—Single.

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.

10 cts. each; full set of 22 sorts, \$2.00.

GERANIUMS, New Double Ivy-leaved.

(See page 110.)

FUCHSIAS—General Collection.

We name below the very finest of the old and new varieties, embracing all the various shades of color to be found in this popular class of plants. The letter *D* or *S* placed after each variety indicates whether it has a double or single corolla.

- Aurora.** Corolla orange scarlet, sepals white; *S*.
Beacon. Corolla deep carmine, sepals scarlet; *S*.
Beauty of Swanley. Tube and sepals white, corolla deep rose.
Bird of Paradise. Corolla magenta, sepals crimson; *S*.
Black Prince. Tube and sepals carmine, corolla dark purple, almost black.
Earl of Beaconsfield. Corolla very large, orange scarlet; *S*.
Elm City. Large, globular, crimson-scarlet; *D*.
Genius. Violet corolla, sepals crimson; *D*.
Little Alice. Corolla white, bright scarlet sepals; *D*.
Mrs. Marshall. Corolla carmine, sepals white; *S*.
Prince Napoleon. Corolla purple, sepals waxy crimson; *D*.
Snow Fairy. Sepals scarlet rose, double white corolla.
Striped Banner. Corolla striped purple and rose; *S*.
Sunray. Foliage variegated pink, green and white.
Theresa. Corolla ruby, sepals creamy white; *S*.
Wave of Life. Foliage yellow, corolla violet, sepals crimson; *D*.

10 cts. each; \$1.00 per doz.; set of 16 sorts for \$1.50.

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.

20 cts each; set 12 varieties for \$2 00.

GOLD AND SILVER TRICOLOR GERANIUMS.

(Scarcer sorts.)

These two classes of Geraniums make beautiful pot plants, but do not stand full exposure to our summer suns. We offer
 12 best Golden Tricolors, 30 cts. each; \$3.00 per doz.
 12 " Silver " 30 cts. " 3.00 "

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 centre of the leaf, with an outer band of green at the margin. Flowers rich magenta rose; dwarf. A good bedder.

20 cts. each; \$2.00 per doz.

DOUBLE WHITE GERANIUM (CANDIDISSIMA PLENA), ONE-HALF NATURAL SIZE.

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.

- Bishop Wood.** Crimson shaded cherry.
Candidissima Plena. The finest double white. (See cut.)
Casimer Perrier. Dark salmon.
Dbl. Gen. Grant. Brilliant scarlet; immense size.
Ernest Lenth. Very large truss; violet crimson.
Ghirardine. Beautiful pink.
Hazel Kirke. Dark crimson.
H. Cannell. Fine habit; bright scarlet.
Jennie Dolfus. Deep magenta.
Miss Hayes. Beautiful pink.
Mrs. E. G. Hill. Flesh color; tinged pink.
Naomi. Dark pink; fine habit.
Peter Henderson. Vivid scarlet; immense truss.
Wm. Hamilton. Very dark crimson.
Mrs. Cope. Rich carmine red, of large size.
Phallas. A rich apricot orange, most vivid in coloring.
Queen of the Fairies. A rich flesh color.
Gen. Campanon. Intense dark scarlet.
Gen. Saussier. Shaded salmon and cherry; large.
Paul St. Victor. Cherry pink; a superb shade; extra fine.
Garnet. Wonderful rich crimsons.

10 cts. each; set 21 varieties for \$2.00.

For New Varieties see page 110.

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 immense quantities. Below will be found a list comprising old standard varieties, and embracing many of the newer and finer sorts. All inferior kinds rejected.

- Aug. Wurtemberg.** Bright scarlet; immense truss.
Countess de Courcey. Very light pink.
Dazzler. Intense scarlet; striking white eye.
Gen. Grant. The finest scarlet bedding variety.
Guinea. The nearest approach to a yellow; orange saffron.
Gen. Chanzay. Violet purple.
Hebe. Bright dark pink.
Harry King. Bright scarlet; white eye.
Little Gem. Dark cherry red.
Master Christine. Bright pink.
Minnehaha. Pink and white.
New Life. Striped; scarlet and white.
Pauline Lucca. Pure white.
Pliny. Bright carmine.
Prof. Blazina. Very dark crimson.
Romeo. Very light pink.
Rev. Mr. Atkinson. Very dark crimson.
Rich'd Dean. Very bright scarlet; white eye.
Snowflake. Fine white.
Sir John Moore. Dark scarlet; large floret.

10 cts. each; set 10 for \$1.00.

The large shipment of plants arrived in excellent condition, and gave perfect satisfaction.

W. F. MASSEY, Phœbus P. O., Elizabeth Co., Va.

SCENTED GERANIUM,
"Little Pet."

This beautiful little variety possesses a rare combination of deliciously fragrant leaves and beautiful flowers. The leaves are scented like the well known Rose Geranium, while the flowers are borne freely on round, compact trusses. Color bright carmine, spotted violet and white. 20c. each; \$2.00 per doz.

SCENTED GERANIUMS.

(In variety.)

Blandfordianum.

Citron.

Dr. Livingston.

Lemon.

Nutmeg.

Little Pet. (See above) 20c.

Filicifolia.

Quercifolium.

Mrs. Taylor.

Pennyroyal.

Rose.

Rose, variegated.

Skeleton Leaved.

Price, 10 cts. each, except where noted. Set of 13 sorts, \$1.25.

PELARGONIUMS,

"Lady Washington Geraniums."

We imported last spring, from England, a superb collection of these popular plants, and they are really grand.

The shades and markings are beyond description, and rival some of the Orchids in delicacy and richness of color. We offer

"THE 12 BEST."

(See top of next column.)

Beauty of Oxtou. Maroon, blotched crimson and white.
Ed'w Perkins. Orange scarlet, maroon at base of petals.
Evening Star. Salmon scarlet, base of petals white.
Empress of India. White, streaked crimson.
Lady Isabel. Pinkish lilac, crimson centre.
Mrs. Bradshaw. White, blotched crimson maroon.
Maggie. White, streaked pink and crimson.
Mabel. Dark crimson, striped salmon.
Mermeris. Rosy carmine, light centre.
Pink Digby. Dark pink, maroon centre.
Scarlet Gem. Scarlet crimson.
Rob Roy. Rosy purple, white eye.

50 cts. each; set of 12 for \$5.00.

GLADIOLUS, FRENCH HYBRID.

Finest mixed, 75c. per doz.; \$4.00 per 100.

Finest named, \$1.50 per doz.; \$10.00 per 100.

Set of 30 finest named sorts, \$3.50.

HELIOTROPES.

Familiar favorites, always in demand for their exquisite fragrance. We have a superb collection of 20 varieties, ranging in color from darkest purple to pure white.

10 cts. each; 75 cts. per doz.; set 20 varieties for \$1.50.

For New Varieties, see page 111.

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.

" **Aurantiaca 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.** Vermilion scarlet.

20 cts. each; \$2.00 per doz.; set of 9 for \$1.50.

The plants came by express in excellent condition. The Rose was a large, healthy bush, with three splendid flowers on it. All were so nicely packed that not a leaf was broken or a bloom crushed.

HENRY CLAYTON, Middletown, Del.

DOUBLE HOLLYHOCK.

DOUBLE HOLLYHOCKS.

An old-time favorite, and one of the most valued of summer flowers. They 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. All strong roots, sure to flower this season. We are enabled this season to offer them in special colors, as follows:

Double white, double yellow, double dark maroon, double lilac, double pink, double white, lilac centre; double bluish, double rose.

15 cts. each; \$1.50 per doz. Set 8 colors as above for \$1.00.

Mixed, all colors, 10 cts. each; \$1.00 per dozen.

For new Dwarf Hollyhock, "Crimson Pyramid," see page 111.

IRIS.

IRIS.

Very beautiful hardy flowering plants, which are deserving of more extended cultivation; their rich and varied colors of blue, violet, purple, lilac, white and yellow, render them attractive. They are of the easiest culture, growing freely in any soil.

20 cts. each; 6 for \$1.00.

MOON FLOWER OR EVENING GLORY.

IPOMEA NOCTIFLORA.

(Syn. Calonyction Grandiflora), Moon Flower or Evening Glory.

There are few plants we have ever sent out that have been so satisfactory as this; hundreds to whom we sent it have written to us about the satisfaction it has given. One lady says that it was trained on strings to a balcony 25 feet high and 40 feet wide, and that from August to November it was covered *nightly* with its white moon-like flowers from five to six inches in diameter. It has also a rich, Jessamine like odor at night. (See cut.)

20 cts. each; \$2.00 per dozen.

GERMAN IVY (Variegated).

A richly variegated white and green variety of this well known climbing plant. Grows to a height of 15 to 20 feet. A rare and beautiful plant for window culture.

Price 60 cts. each; \$4.50 per dozen.

The plain green variety of the above: 20 cts. each; \$2.00 per dozen.

JASMINUM (Jasmines).

Well known and valued for their exquisite fragrance.

Gardenia Florida (Cape Jasmine). Pure white; double. 30c.

Poeticum. White; small flowers in clusters. 20c.

Revolutum. Dark yellow. 20c.

Grandiflorum. White. "Star Jasmine." 20c.

Set 4 for 75 cts.

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. Colors, orange, crimson, yellow, lilac, rose, white, etc.

10 cts. each; \$1.00 per doz.; set of 20 for \$1.75.

The Moonflower purchased from you last May has astonished every one by its rapid growth. Planted against a summer house, it completely covered it by mid-summer, and the effect of its wonderful white flowers on the dark green background of foliage was truly beautiful. MRS. JOS. HALE, New Haven, Conn.

LIBONIA PEROHIENSIS.

Flowers are cuphea-shaped, maroon, orange and yellow in color. In winter and spring it is one mass of bloom. Few are more attractive. 20 cts. each; \$2.00 per doz.

BEDDING and DROOPING LOBELIAS.

Among the most useful plants for hanging baskets, or for the front or outside row in ribbon lines. Their dwarf habit, and the profusion of their charming blue and white flowers, render them exceedingly ornamental. 10 cts. each; 75 cts. per doz.

LILIES.

These beautiful bulbs should have a place in every garden, as they are entirely hardy, require little or no care, and make a beautiful display from June to September. We offer 15 of the very finest sorts as follows:

- Candidum.** Pure white; very large and fragrant.
Canadense. Bell-shaped flowers; spotted red and yellow.
Harrisi. "Bermuda Lily." Pure white; fragrant and wonderfully free flowering. 50c.
Lancifolium Album. Pure white; fine. 50c.
 — **Rubrum.** White, spotted red.
 — **Roseum.** White, spotted rose.
 — **Monstrosum, Rubrum and Roseum.** Same as preceding, but with larger flowers. 50c. each.
Martagon. Mixed colors.
Superbum. Reddish yellow flowers; very fine.
Thunbergiana. Orange scarlet flowers.
Tigrinum. (Tiger Lily.) Orange salmon, spotted black.
Tigrinum Fl. Pl. (Double Tiger Lily.) Double orange colored flowers, spotted black.
Umbellatum. Yellow flaked red; very showy
Wallacei. Beautiful clear buff color, spotted black. 50c.
 25 cts. each, except where noted. Set 15 for \$4.50.

LINARIA CYMBALARIA,

(Kenilworth Ivy.)

This rapid growing little creeping plant is invaluable for covering walls, rock work or trees, its tiny glistening green leaves giving a most beautiful effect.
 10 cts. each; \$1.00 per dozen.

LONICERA (Honeysuckle).

(See Hardy Climbing Plants on last pages of this catalogue.)

MADEIRA VINE, or MIGNONETTE VINE.

A well known rapid climber. Glossy green leaves and white flowers. Fragrance similar to Mignonette.
 5 cts. each; 50 cts. per doz.

MYOSOTIS.

MYOSOTIS,
(Forget-me-not.)

The beautiful blue color of this favorite little hardy plant can scarcely be excelled. It thrives and blooms in almost any location, whether shaded or not.

10 cts. each; \$1.00 per dozen.

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.)
 20 cts. each; \$2.00 per dozen.

PINKS, FLORISTS'.

These are dwarfer than the Carnation, growing about one 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.

15 cts. each; \$1.50 per doz. Set of 16 sorts, including new variety, "Snow," \$2.00.

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 shading the veranda or summer-house. Flowers yellowish white, fragrant; an excellent basket plant.
 15 cts. each; \$1.50 per doz.

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 centre, bordered white.
Lothair. Beautiful rosy salmon.
Mlle. Ledoutte. Centre deep carmine, edged rose.
Mme. Corbay. Centre carmine; border blush white.
Mme. de Caen. Centre deep lake color; border white.
Miranda. Centre delicate carmine, bordered white.
Mons. Malet. Lilac purple; very large.
Mons. G. Brewer. Rosy lilac.
Mutabilis. Cherry pink.
Peleton. Magenta; centre white tinted violet.
Reve d'Or. Dazzling carmine.
Roi des Roses. Deep rose, crimson centre.
Surprise. Purple, mottled with white.
York and Lancaster. Lilac, striped white.
 15 cts. each; \$1.50 per doz. Set of 16 sorts, \$2.00.

PINKS,

"Summer Garden Varieties."

Ready April 1st.

Comprising over a dozen distinct and beautiful varieties; colors, white, crimson, rose, violet, maroon, etc., etc.; exceedingly well adapted for summer bouquets; bloom from June to November. Single and double. (See cut.)

10 cts. each; 75 cts. per doz.

PALMS.

We now grow a large stock of a few of the leading and best varieties of Palms, such kinds as are adapted for room culture, or for centre plants in fine baskets or vases.

Corypha Australis. A splendid robust grower. 50 cents to \$1.00 each.

Sabal Adamsonii. \$1.00 to \$2.00 each.

Seaforthia Elegans. Very fine. 75 cents.

Chamærops Humilis. \$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.

Oreodoxia Regia. (Royal Palm.) 50 cts. to \$2.00 each.

Areca Lutescens. Very graceful. \$2.00 to \$3.00 each.

" **Sapida.** \$2.00 each.

" **Rubra.** Scarce and fine. \$1.50 to \$5.00 each.

Cocos Weddeliana. \$2.00 each.

Kentia Fosteriana. \$2.00 each.

Set 10 varieties, 1st size, \$15.00.

" " 2d " 10.00.

PANSIES, NEW FANCY.

We sell seeds and plants of these Pansies to many hundreds of customers each season, and they always give the highest satisfaction. Pansies are now being largely used for bedding purposes, vases, etc., and this new and fine type has greatly increased their popularity.

Plants, 75 cts. per dozen. Seeds, 20 cts. per packet; set of 12 packets, \$1.50.

HERBACEOUS PÆONIAS.

These beautiful hardy plants are always highly satisfactory and ornamental. We offer four distinct colors—crimson, white, pink and blush.

30 cts. each; set 4 for \$1.00.

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, 10 cts. each; \$0.75 per dozen.

" " double, 15 " " 1.50 "

DOUBLE PETUNIAS.

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.

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 carnine and white.

Launcelot. 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.

20 cts. each; set of 12 for \$2.00.

PENTSTEMONS.

This beautiful class make fine plants of from eighteen inches to two feet in height, and are in continuous bloom from the time they are planted in May until frost; flowers in spikes of Gloxinia-like form, shaded and mottled in all colors of white, blue, scarlet, crimson and pink.

10 cts. each; \$1.00 per dozen; set of 12 sorts for \$1.00.

PASSIFLORA, Passion Flower.

These beautiful and interesting plants climb to a height of 20 or 30 feet if desired; colors varying in the different sorts—blue, crimson, white, etc. In *P. Cœrulea*, and the new variety, "*Constance Elliott*," we have two fine hardy climbers which survive the severest winters with slight protection.

Passiflora Pfordti. Purple.

— **Cœrulea.** Blue, hardy.

— **Alba.** White.

— **Buist's Hardy.** Blue; very abundant bloomer.

— **Loudoni.** White; small.

— **Decasaine.** Purple.

— **Alata.** Blue and white.

— **Arc-en-ciel.** Purple and violet.

— **Smithi.** Carmine.

— **Constance Elliott.** (See page 113.) 40 cts.

15 cts. each; \$1.50 per dozen, except where noted.

Set of 10 sorts, \$1.50.

PANDANUS UTILIS (Screw Pine).

So called from the arrangement of the leaves on the stem. It is a beautiful plant, excellently adapted for the centres of vases or baskets, or grown as a single specimen. It is a rather scarce plant, but our stock is large, and we offer it low, size of plants considered. No plant is better suited for room culture.

1st size, \$1.50 each.

2d " 1.00 "

3d " .50 "

4th " .25 "

RICHARDIA.

RICHARDIA ALBA MACULATA.

A plant belonging to the same order as the *Calla Ethiopica*, with beautifully spotted leaves. It flowers abundantly during the summer months, planted out in the open border. The flowers are shaped like those of the *Calla*, and are pure white, shaded with violet inside. It is a deciduous plant, kept dry in winter, and started in spring like a *Dahlia*.

30 cents each; \$3.00 per dozen.

SUCCULENTS.

This class of plants now enter largely into fine carpet bedding operations, particularly the *Echeverias* and *Sempervivums*, while the *Sedums* (which are perfectly hardy) are unequalled for a permanent adornment of rock work, etc.

Echeveria Secunda Glauca. 15 cts. each; \$1.50 per doz.

Echeveria Rosacea. " " " "

Echeveria Retusa Florabunda. " " " "

Sempervivum Californica. " " " "

Sempervivum. Twelve other varieties.

Mesembryanthemum Roseum.

Mesembryanthemum. Six other varieties.

Sedums (hardy). Twenty-five distinct sorts.

Any of the above, 10 cts. each; \$1.00 per dozen, except where noted.

SALVIA.

SALVIAS.

Greggi. Bright rose color.

Mrs. Mitchell. (See Novelties.) 30 cts.

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.

— **Patens.** A variety well suited to contrast with the scarlet, the flowers being of the richest blue.

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.

10 cts. each; \$1.00 per dozen, except where noted.

Set of 13 sorts for \$2.00.

TRITOMA GRANDIFLORA MAJOR, Red Hot Poker Plant.

We offer a greatly improved variety. The spikes are a foot in length, and three inches in diameter, of the brightest shades of orange and scarlet; plants certain to flower.

20 cts. each; \$2.00 per dozen.

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 hedging purposes, embracing a wide range of color; are distinct free bloomers, altogether a set that will give satisfaction.

Beauty of Oxford. Dark pink; immense size.

Simoon. Brilliant crimson, dark eye.

Arizona. Rich blue, white eye.

Miss Woodruff. Dazzling scarlet; very fine.

Negro. Black; extra fine.

Scarlet Bedder. Brilliant scarlet, white eye.

Silver Plume. Finest white.

Daisy Dale. Beautiful pink.

Otis. Dark rich maroon.

May Queen. Soft magenta pink.

Monogram. Blue; large white eye.

Pres. Cleveland. Brilliant dark pink.

10 cts. each; 75 cts. per dozen; set of 25 varieties, including the 14 new varieties (see Novelties) for \$3.50.

HARDY FLOWERING SHRUBS.

The kinds below named embrace nearly all that is desirable in *hardy flowering shrubs*, and are such as embrace contrasting colors, together with such as give a succession of flowers throughout the season. All large fine plants.

Althea Frutex Variegata. Variegated Rose of Sharon, leaves yellow and green, flowers carmine, blooming profusely in September and October.

Hydrangea Paniculata Grandiflora. 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. 25 cts., 50 cts. and \$1.00 each, according to size.

Berberry Purple. Dark violet purple foliage, with rich golden yellow flowers; very showy.

Deutzia Crenata. Pure white double flowers, slightly tinged pink; fine.

Deutzia Fortuni. Very hardy and free flowering; pure white.

Deutzia Gracilis. A most beautiful shrub; dwarf and compact; flowers pure white.

Forsythia Veridissima. Brilliant yellow flowers; blooms early in spring.

Privet Californian. Beautiful waxy green foliage.

Spirea Aurea. Very showy; golden yellow foliage; small white flowers.

Spirea Callosa Alba. A fine dwarf late flowering variety; blooms in July and August; pure white.

Spirea Prunifolia. (Bridal Wreath.) Finely shaped; perfectly double white flowers.

There is no more satisfactory addition to a well kept residence than a collection of Hardy Shrubs. They are inexpensive, beautiful and permanent. They require no care, and become finer each year.

Spirea Reevesii. Very fine and hardy; double white.

Weigela Rosea. Flowers in the greatest profusion; flowers very large; rich dark pink in color; very fine.

Weigela, Variegated Foliage. Green leaves prettily marked with white; flowers rose colored.

40 cts. each, except where noted; full set 14 splendid Hardy Shrubs for \$5.00.

TRADESCANTIA.

Vulgaris. (*Wandering Jew*.) A drooping sort, with bright, glossy, green leaves.

Zebrina. Leaves striped with silvery white on a dark ground

Aquatica. Very small, green leaves, for aquariums, hanging baskets, etc.

Crassula. A strong growing variety, with white flowers.

Repens Vittata. Bright green, striped white; a very effective basket plant.

Discolor. Upright growing. 50 cts.

Multicolor. Pink, bronze and white; fine. 20 cts.

Buchanani. Much larger than Zebrina. Same marking.

10 cts. each; \$1.00 per dozen, except where noted. Set of 8 sorts for \$1.00.

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 eighteen 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, 12 cts. each; \$1.25 per dozen.

Large blooming, 10 " 1.00 "

2d size " 8 " .75 "

TUBEROSE, DOUBLE.

The Tuberose should never be planted in the open ground, in the vicinity of New York, before the 20th of May. In planting, remove all off-shoots 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 they can be started in pots. All flowering bulbs.

1st size, extra, 10 cts. each; \$1.00 per dozen.

2d " 8 " .75 "

3d " 5 " .50 "

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 centre. 15 cts. each; \$1.50 per dozen.

A
GREENHOUSE
AT
YOUR DOOR.

WE WILL SEND ANY ONE OF 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.

SPECIAL
LOW PRICED
LIST
OF PLANTS.

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 **Ampelopsis**, in variety (hardy climbers).
- or, 8 **Ageratums**, 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, 6 **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 **Centaureas**, white-leaved, for edging.
- 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, 8 **Chrysanthemums** (small flowering), colors crimson, yellow, rose, white, pink, maroon, orange, etc.
- or, 8 **Chrysanthemums** (large flowering), colors crimson, yellow, rose, white, pink, maroon, orange, etc.
- or, 8 **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, 6 " new, single.
- 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, 8 **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 dwarf variety, "The Queen."
- or, 4 **Hibiscus** (Chinese), scarlet, crimson, orange, etc.
- or, 8 **Hollyhocks**, white, pink, crimson, 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, 8 **Lobelias**, ever blooming, blue, white and lavender.

- or, 6 **Lantanas**, white, orange, pink, crimson, etc.
- or, 8 **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 **Poinsettia 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 **Passifloras** ("Passion Flower Vine"). Including new hardy white variety, C. Elliott.
- or, 6 **Roses**, Hybrid Perpetual (hardy), white, pink, crimson, etc.
- or, 8 **Roses** (Monthly Tea), white, crimson, rose, violet, yellow, etc.
- or, 6 **Snapdragons**, crimson, white, yellow, scarlet, etc.
- or, 8 **Sedums** ("Stone Crop").
- or, 6 **Succulents**, "Crassulas," etc.
- or, 6 **Salvias**, colors blue, scarlet, crimson, white and rose.
- or, 6 **Scarcer summer flowering plants**.
- or, 8 **Scarcer 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 **Tropæolums**, orange, maroon, scarlet, rose, etc.
- or, 8 **Tuberose 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 **Var. Flower Seeds**.
- or, 20 " **Vegetable Seeds**.

No order is filled for less than one dollar, but we allow buyers to have 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 84 collections (557 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.

NOTICE.—See the liberal plant premiums we give away with the above collections. (For full details see page 95.) We will give a discount of ten per cent. from above prices on all cash orders received and shipped before April 1st. But under no circumstances will we give any discount after that date.

SMALL FRUIT AND VEGETABLE PLANTS.

HARDY GRAPE VINES.

- Prentiss.** Bunch large; berry of medium size; color, yellowish green, sometimes tinted rose color; flower similar and equal to many of the hot-honse grapes—resembling much the variety known as “Sweet Water.” It is immensely productive.
- 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.
- Wilder.** (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.
- 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.
- Herbert.** Very large; black; fine flavor.
- Diana.** Bronze; very juicy; medium size.
- Martha.** White; sweet aromatic flavor.

PRICE.—Very strong two-year-old plants, 40 cts. each; \$4.00 per doz. Full set of 15 kinds, including “Prentiss,” in two-year-old plants, \$5.00 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.

CURRENTS.

- Cherry.** Dark red; the best variety for market. Each, 20 cts.; per doz., \$2.00; per 100, \$10.00.
- Versailles.** Best for table use. Each, 20 cts.; per doz., \$2.00; per 100, \$10.00.
- White Grape.** The best white Currant. Each, 20 cts.; per doz., \$2.00; 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.

RASPBERRIES.

Red Varieties.

- Clarke.** Berries light crimson, very sweet and highly flavored. Per doz., \$1.50; per 100, \$8.00.
- Cuthbert.** Large, prolific and hardy. Per doz., \$1.50; per 100, \$8.00.
- Philadelphia.** Very hardy and productive. Per doz., \$1.50; per 100, \$8.00.
- Marlboro.** Dark crimson; exquisite flavor. Per doz., \$1.50; per 100, \$10.00.
- Hansell.** Bright red; very early and productive. Per doz., \$1.50; per 100, \$10.00.

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.
- Hopkins.** A “Black Cap” of large size, having a delicate subacid flavor. Early and prolific. 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.

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. Special rates for large quantities. If by mail add 25 cts. to 100 price.

- Cabbage.** Henderson's Early Summer. Per 100, \$1.25; per 1,000, \$10.00.
- Early Jersey Wakefield. Per 100, \$1.25; per 1,000, \$10.00.
- Cauliflower.** Early dwarf Erfurt. Per 100, \$3.00; per 1,000, \$20.00.
- Henderson's Early Snowball. Per 100, \$3.00; per 1,000, \$20.00.

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 the above (Cabbage, Cauliflower and Lettuce) 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.

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.

TOMATO PLANTS.

(READY MAY 1ST.)

- Perfection.** 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.
- The Mikado.** (New.) Per doz., 75 cts.; per 100, \$5.00.

HITCHINGS & CO.'S Green-House Heating and Ventilating Apparatus.

FIVE STYLES OF BOILERS, EIGHTEEN SIZES.

Corrugated Fire Box Boilers.

Corrugated Saddle Boilers.

Base Burning Water Heaters.

Improved Conical Boilers.

HEATING PIPES AND CONNECTIONS.

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