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62.61

Peter Henderson & Co

35 & 37

Cortlandt St.

NEW YORK



SHIRLEY POPPIES
SEE PAGE 79.



MANUAL
of
EVERYTHING
FOR THE
GARDEN

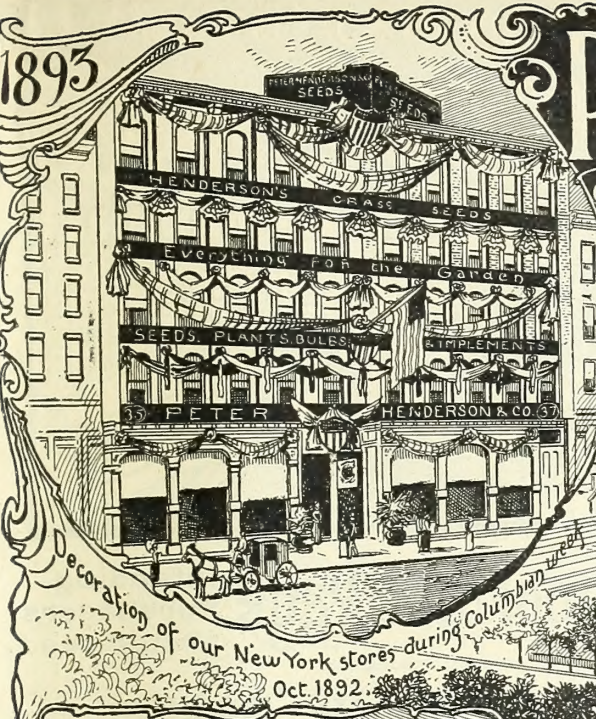
Columbian Year

1893.

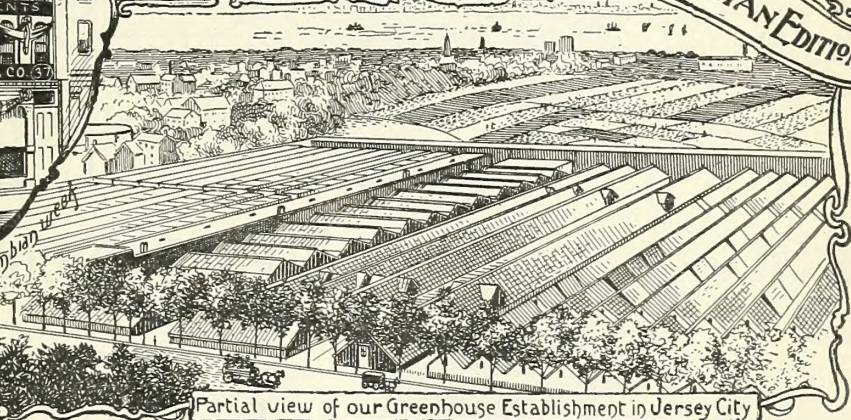
1893

PETER HENDERSON & CO.

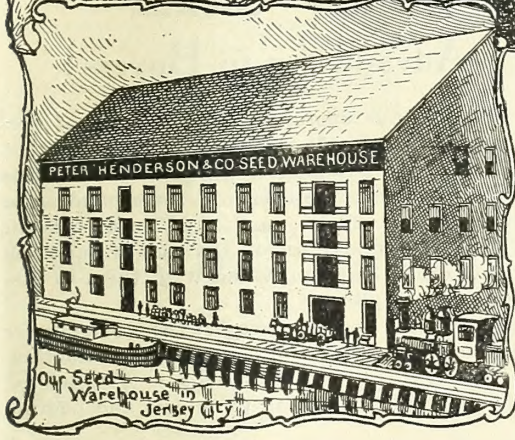
MANUAL OF EVERYTHING FOR THE GARDEN COLUMBIAN EDITION



Decorations of our New York stores during Columbian week Oct. 1892



Partial view of our Greenhouse Establishment in Jersey City



Our Seed Warehouse in Jersey City

THIS, the 1893 or Columbian Edition of our Catalogue of "Everything for the Garden," will be found to contain, perhaps, a greater number of new, interesting and valuable features than any one of its predecessors. These new features and changes are so numerous that we shall not attempt to detail them. In fact, we retain year after year such a large percentage of our old customers, to whom we naturally look for the great bulk of our trade, that it would be a needless task to point out the innovations. There are, however, two or three matters to which we desire to call special attention. *The first is* that in this Catalogue we have held to the same systematic arrangement of the departments as in previous issues; also *our Index* (second page of cover) is more complete than ever, so that by its aid, large as our

Catalogue is, any article offered can be quickly found. *The third is*, and we request our old friends and patrons not to lose sight of it, that the *prices for almost everything here offered are LOWER than at any time since this business was established*, and want of space in this page prevents us giving the reasons that have brought about such a reduction in prices, but we shall be glad if every one, either an old patron or possibly new hands into which this Catalogue falls, will turn to page 2, and before making up their order *read what we have to say about Lower Prices.*

— ❖ — 1893 ❖ —

Will for many a day to come be recognized as

AMERICA'S GREAT JUBILEE YEAR,

Because of the universal celebration of the Four Hundredth Anniversary of its Discovery.

Beginning in New York in October last, its celebration here, and since then in other cities of our land, has been conducted on lines broad, lofty and patriotic, and there is every reason to expect that our era of glorification will attain its supreme culmination in May, 1893, when Chicago throws her doors wide open and welcomes all mankind to the **World's Columbian Exposition.**

Whilst the products of many other lands will there be seen, the World's Fair of 1893 will, after all, stand and be everywhere accepted as a grand epitome of the civilization and progress of the United States in this, the twilight of the nineteenth century.

In such an aggregation Peter Henderson & Co. could scarcely be omitted, and by referring to the outline map on page 4 it will be seen that we have no less than seven distinct exhibits. When we state that for two years past we have been preparing for our exhibits, our friends who visit Chicago may reasonably expect to see a series of displays creditable to us from a business standpoint and not altogether unworthy, we trust, of the name and fame of **PETER HENDERSON.**



A Very Important Page Intending Purchasers should read.

NEW TERMS OF SALE.

Lower Prices! Advantages to Buyers!

FOR a number of years it has been our custom to offer a series of premiums on orders in the shape of books, discounts, etc. Realizing that in many instances this was confusing to purchasers, we have decided this season to abandon all such and to reduce our prices to a corresponding or even lower level, a plan which we feel will be more satisfactory to our customers in every respect. This is particularly true in the case of our book premiums; many of our older customers, being provided with them in previous years, naturally have no use for duplicates.

Not only have we brought our prices down to the basis of no premiums or discounts, but we have put them even lower in many instances. We are able to do this by our constantly increasing business and improved facilities for the production, cleaning and handling of seeds, which reduce their cost to us. *The tendency of the times is toward low net prices,* and we feel sure that our action in cutting loose from the practice, universal in the trade, of giving premiums and offering "special inducements," will be endorsed and appreciated by our customers.

When and How Customers should Order, Remit, etc.

WHEN BEST TO ORDER.

WE are fully equipped for filling orders and fully supplied with fresh seeds immediately this catalogue is issued, yet our heaviest rush comes in March and April, and it will greatly relieve this rush if customers will **order at as early a date as possible.** Do not wait until you are ready to sow or plant; **if you do not wish your seeds or plants until some later date, we will get them ready and ship them whenever desired.**

HOW BEST TO ORDER.

By writing out your order on the order sheets which accompany this catalogue you will greatly facilitate our work. **Kindly use the yellow order sheet** for seeds, bulbs, tools, etc., catalogued on the pink and white pages, and the **cherry-colored order sheet** for plants, etc., catalogued on the blue pages. When goods are ordered from both seed and greenhouse establishments, we always combine the orders and make one shipment.

Be sure to sign your name and give your address. Many orders reach us lacking either or both; customers when writing about unsigned orders will aid us in identification by mentioning some of the articles ordered.

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

HOW BEST TO REMIT.

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

DIFFERENT METHODS AND COST OF SENDING MONEY.

Post Office Orders cost, for any amount up to \$5, 5c.; over \$5 to \$10, 8c.; over \$10 to \$15, 10c.; over \$15 to \$30, 15c.; over \$30 to \$40, 20c.; over \$40 to \$50, 25c.; over \$50 to \$60, 30c.; over \$60 to \$70, 35c.; over \$70 to \$80, 40c.; over \$80 to \$100, 45c. **Postal Notes** cost 3 cts. and are issued for any amount below \$5. **Bills, coin or stamps** (the latter received as cash) can be sent in a **registered letter** at a cost of 10c. above postage for registering. **Express Money Orders** are issued by all important express companies at their offices or agencies, and cost, for amounts not over \$5, 5c.; \$10, 8c.; \$20, 10c.; \$30, 12c.; \$40, 15c.; \$50, 20c.; or **money** can be sent by **express.**

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

Orders from unknown correspondents, not accompanied by a remittance, should send New York reference—to save delay—if goods are not wanted **C. O. D.**

WHEN AND How Peter Henderson & Co. Fill Orders, Ship, etc.

WHEN WE EXECUTE ORDERS.

EVERY ORDER IS FILLED IMMEDIATELY on arrival, or is acknowledged if, under rare circumstances, its shipment is likely to be delayed for a day or two. If goods, notification of shipment or acknowledgment of order is not received by the customer after a reasonable lapse of time, it may be assumed that the order has miscarried, or that the name or address was omitted from the order. We will, where notified of such a case, use our best efforts to trace it without delay.

We fill orders of all values from 10 cts. to \$5,000, and all, whether large or small, receive the same careful and prompt attention.

WE MAIL SEEDS AND PLANTS.

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

We only charge postage on bulk quantities, viz.: Customers will please add at the rate of 8 cts. per lb. to the catalogue prices for seeds purchased in quantities of $\frac{1}{2}$ lb. and upward of one variety, and to the catalogue price of Peas and Beans add at the rate of 15 cts. per quart, and to Corn at the rate of 10 cts. per quart, to pay postage. *We are obliged to require postage on the bulk quantities just mentioned, for we not only have an enormous counter trade, but a large proportion of our customers have their goods shipped by freight or express, consequently we could not, in equity, base our prices to include postage.*

Plants by mail. All plants (with exceptions noted below) purchased from this catalogue and ordered to be sent by mail, will be sent post-paid, but in the absence of such instructions we invariably send them by express. A few plants cannot be sent by mail because they are too large, notably the larger sizes of Palms, Pandanus and other decorative plants offered on page 140, first size Roses of all kinds, large Rhododendrons and Magnolias, etc., etc.

Correspondence, Advice, etc. We are always glad to give any information in our power to our customers on any subject pertaining to our business, but, to avoid error, this should always be written on separate paper to that used for orders.

All orders and letters on business should be addressed to the firm, Peter Henderson & Co., 35 and 37 Cortlandt Street, New York. If the special attention of any member of our establishment is desired, by so stating in your letter or order we shall be pleased to refer it to the party mentioned. Envelopes addressed to special persons are frequently the cause of long delays, on account of absence or sickness.

Gardeners' and Farmers' Situations. We have at all times a number of good gardeners' and head-farmers' names on our books who are in want of situations. If parties desiring help of this kind will write to us we shall be glad to put them in communication. We make no charge for this service, either to employer or employee.

Beware of Fraudulent Traveling Agents. Every season we have complaints from Retail buyers in different sections of the country of parties who solicit orders for seeds, plants, etc., in our name. We would here state that we employ no traveling agents whatever, and our customers are warned against placing orders or paying money to any one in this way.

About Packing and Shipping and No Charge Made.

We make no charge for packing, cases, baskets, packages or barrels, and pack as lightly as possible, consistent with safety, so as to reduce the cost of carriage. In fact, we assume extra expense in supplying light, strong cases, and, where possible, we pack in baskets covered with waterproof canvas, which greatly reduces weight.

Cloth bags only we charge for, and these at cost, viz.: 1 peck, 10c.; $\frac{1}{2}$ bush., 12c.; 1 bush., 15c.; 2 bush., 20c. **All grass seed bags**, excepting bags for Timothy and Clover, are furnished free.

Special packing of seeds for foreign shipments. We pack seeds, when necessary, in tin-lined cases or double sacks and charge for them at cost.

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

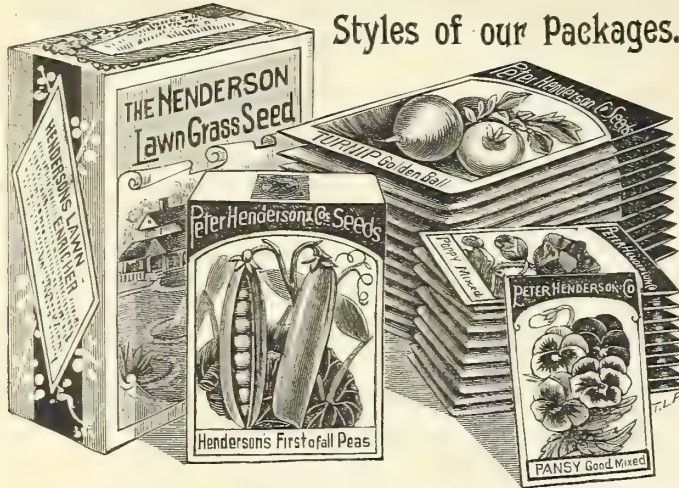
The safe arrival is guaranteed of all goods sent by express to any part of the United States or Canada. We ship plants at all seasons of the year, even in the coldest weather.

The advantage that we possess in shipping from New York is pronounced on account of the many different routes by which we can ship, and the consequent competition in speed and transportation rates, thereby securing for our customers quick delivery at the lowest cost. In most instances customers can get their goods more quickly and cheaply from us than when ordered nearer home.

HAVE YOUR PLANTS SENT BY EXPRESS.

We urgently advise that plants be sent by express, because they arrive in better condition, and we can send larger plants. We pack very light to reduce the expressage to the minimum, and to encourage customers to have plants sent by express **we will add enough plants gratis**, of our selection, to generally more than equal the amount of expressage that the purchaser pays.





Styles of our Packages.

Practically all of our seeds are now put up in elegantly lithographed packets, showing the vegetable or flower represented in natural colors. The designs were painted true from nature by our own artist; the lithographing has been executed in the finest manner, each packet being really a work of art, as much superior to the colored packets usually sent out as are the seeds they contain. A full description and cultural directions are printed on the back of each.

We Buy Novelties in Seeds.

It frequently happens that new or improved varieties are produced by accidental hybridization or long selection. Should any of our customers have something which they consider new or especially good in Vegetable, Farm or Flower Seeds, we shall be glad to have a few seeds for trial. When it proves to be new or of special merit we are always glad to purchase.

OUR RED TRADE-MARK LABEL.

Every package, large or small, of vegetable seeds sent from our establishment is sealed with our Red Trade-Mark Label (copyrighted), and as our jobbing trade is supplied with our seeds sealed in this manner, you will consequently be perfectly justified in refusing any packages of seed not bearing this trade-mark. We have been reluctantly forced to adopt this method for our mutual protection, as every season we have cases where unscrupulous dealers foist a cheap and inferior article on purchasers under the name of "Henderson's Seeds." Insist that every package you buy bears our Red Trade-Mark Label, which we here illustrate.

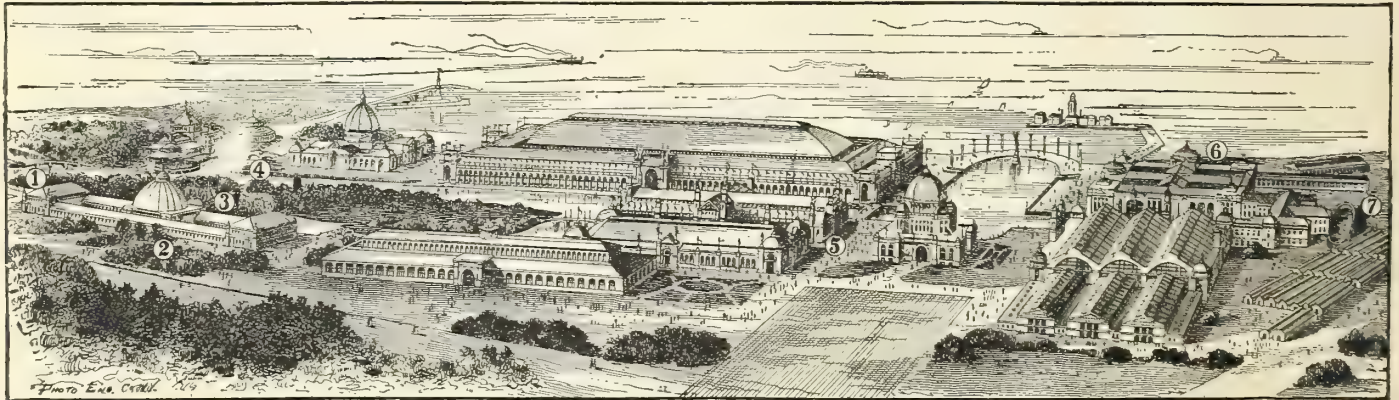


Special Notice.—While we exercise the greatest care to have all Seeds, Plants and Bulbs pure and reliable, we do not give any warranty, express or implied. If the purchaser does not accept the goods on these conditions they must be returned at once, and the money that has been paid for same will be refunded.—P. H. & Co.

OUR CATALOGUES ARE MAILED FREE to all customers, without request, as soon as they are issued, and should be in our customers' hands not later than the following dates, viz.:

Manual of Everything for the Garden (this book),	Jan. 15th.
Farmers' Manual (Agricultural Seeds, Grass, Grain, etc.),	Mar. 15th.
Midsummer Catalogue (Strawberry, Celery and Cabbage Plants, Seasonable Seeds, etc.),	June 15th.
Autumn Bulb Catalogue (Bulbs and Plants for Winter and Spring Flowering),	Sept. 15th.

Upon notice from a registered customer of the non-receipt of any issue after the above dates, we shall be pleased to mail a duplicate, as catalogues are sometimes lost in transit.



PARTIAL VIEW OF THE COLUMBIAN EXPOSITION GROUNDS, CHICAGO.

With numbers indicating localities where may be found

PETER HENDERSON & CO.'S Various Exhibits.

- No. 1. Horticultural Building, north end—our main exhibit.
- No. 2. Grounds west side of Horticultural Building—A Model Lawn of the Henderson Lawn Grass, embellished with flower-beds, Lawn Requisites, etc.
- No. 3. Eastern exterior of Horticultural Building—Pansies followed by New Cannas.
- No. 4. Lagoon Slope west of Government Building—Model Terrace of Henderson's Terrace Sod Grass Mixture.

- No. 5. Electrical Building, south, west and north exteriors—Plots of Lawn Grass Mixtures for special situations.
- No. 6. Agricultural Building—Farm Seed Exhibits, etc.
- No. 7. Southern exterior of Stock Pavilion—Special Farm Grasses and Henderson's Special Hay and Pasture Mixtures.

VISITORS to our Main Exhibit in the Horticultural Building will be PRESENTED WITH HANDSOME SOUVENIRS.

ALFRED HENDERSON,
PRESIDENT.
CHARLES HENDERSON,
VICE-PRES'T AND TREAS.

PETER HENDERSON & CO.,

35 and 37 Cortlandt St., New York.

VIEWS IN PETER HENDERSON & CO.'S Vegetable Seed Departments.

PACKETING SEEDS



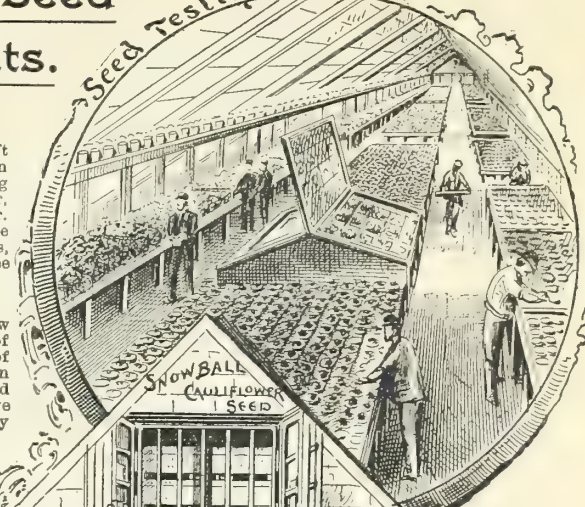
Packet Room.

First view on the left shows a familiar scene in our establishment during the months of October, November and December. In this department alone we employ sixty hands, putting up nearly three million packets.

First of All Peas.

Next we show a view of one of our floors of First of All Peas; of this variety we carry in stock over ten thousand bushels. This will give some idea of the quantity of these leading articles that are consumed.

Seed Testing House.



Seed Testing.

The practice which we inaugurated years ago of testing before selling all seeds, both for germination and purity of stock, is now imitated by nearly every seed house in this country. But we claim, as pioneers in this, a system possessed by no other dealer. The usual custom is to sprout seeds on damp cotton or paper; by this unnatural method a high and misleading percentage of growth is obtained which is not borne out in practical tests. Our method is to sow the seeds in "old mother earth," thus arriving at the actual percentage the seeds will grow. This can only be done in a greenhouse establishment such as ours, where we have houses kept at the various temperatures required by the nature of the seed.

Onion Field.

The field view of Onion gives a fair idea of its appearance when in the seeding state. Our stocks of this important vegetable are grown from carefully selected bulbs and cannot be excelled

Cauliflower in Vault.

The small view of the Mercantile Safe Deposit Vaults shows our Snowball Cauliflower as it is actually packed away there for safe-keeping. Our stock of this variety is so valuable that we find that storage behind their bolts and bars is cheaper than insurance, and then too, what is of more importance, it places beyond possible loss from fire, a stock of seeds that which is worth millions of dollars to the gardeners and truckers of this country.

Cabbage.

The small view of Cabbage Field shows men at work culling out the inferior types. So particular are we with this article that we frequently throw away three-fourths of the crop, so as to retain only the very finest for seed purposes.

Potatoes.

The small view at the next shows our Potato cellars, which have a capacity of eight thousand barrels. In them are stored selected seed stock of all the best varieties of this great staple.



TRIAL GROUNDS.

The central view shows our outside trial grounds. Here all the varieties of vegetable and flower seeds are grown to perfection, and progress of each sample is watched by experts day by day, and the slightest inferiorities in any of our stocks are thus at once detected. We believe that by this system we throw more safeguards around our customers than any other house in the trade, yet, despite all care, crops will fail and seeds will fail to germinate, from causes beyond our control. Hence, to guarantee seeds to invariably produce a perfect crop is little short of quackery. And while we are justified in believing that the seeds we offer are unsurpassed in quality, still, for the reasons above given, we do not (and our employees also have strict orders never to do so), under any circumstances, guarantee or warrant seeds.



Field of Onions for Seed



SELECTING CABBAGE FOR STOCK SEED



Harvesting Potatoes

A FEW VIEWS
IN THE

FARM SEED

DEPARTMENT OF PETER HENDERSON & CO



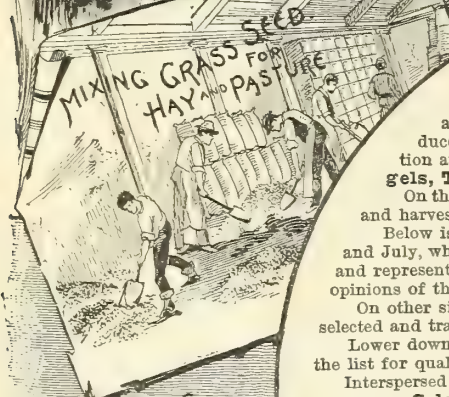
SELECTING & HARVESTING SEED CORN



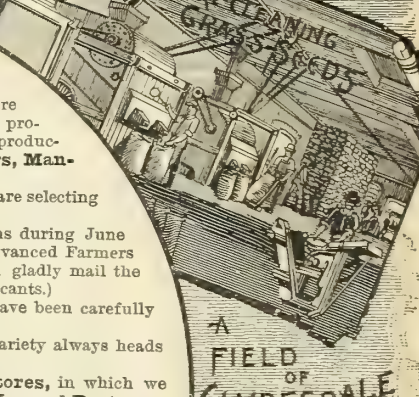
MIXING GRASS SEED



A FIELD OF MANGEL-WURZELS



MIXING GRASS SEED FOR HAY AND PASTURE



RE-CLEANING GRASS SEEDS

Not the least important is the **FARM SEED DEPARTMENT**, which is undoubtedly the **LARGEST AND MOST COMPLETE IN AMERICA**. Here are brought together the choicest grains the world produces. Neither trouble nor expense is spared in the production and selection of the best **Cereals, Grasses, Clovers, Mangels, Turnips, Forage Plants, etc.**

On the left is a view of one of our Corn Fields, where they are selecting and harvesting some of our choicest stock.

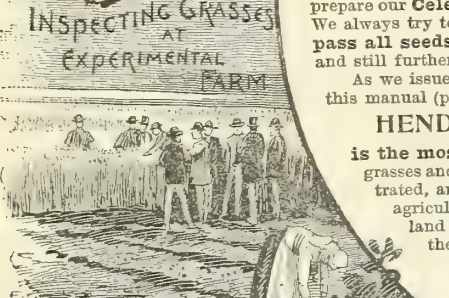
Below is a view which is familiar at our Experimental Farms during June and July, when our Grass Tests are being examined by the most advanced Farmers and representatives of the leading Agricultural papers. (We will gladly mail the opinions of the Agricultural Press on these grass tests to all applicants.)

On other side we portray a field of Mangel Wurzel after they have been carefully selected and transplanted for seed purposes.

Lower down is a field of Henderson's Clydesdale Oats, which variety always heads the list for quality and productiveness.

Interspersed between are interior views of our Grass Seed Stores, in which we prepare our Celebrated Mixtures of Grasses and Clovers for Hay and Pastures. We always try to get our seeds grown clean and pure, but in addition to this we pass all seeds through our steam cleaning machines, so that they are re-cleaned and still further selected by fan and sieve.

As we issue a Special Catalogue for the **Farm Seed Department**, we give in this manual (pages 56 to 58) a list and prices of the more important articles only.



INSPECTING GRASSES AT EXPERIMENTAL FARM



A FIELD OF CLYDESDALE OATS

HENDERSON'S AMERICAN FARMERS' MANUAL

is the most complete Catalogue of its kind ever issued. The principal grasses and clovers, root crops and forage plants are fully described and illustrated, and in it there is much interesting and valuable information on agricultural matters generally, and more especially the laying down of land to Hay and Permanent Pasture, a subject that we consider of the most vital importance to the American farmer of to-day. It should be in the hands of every agriculturist, and we will gladly mail it, free of charge, to all applicants.

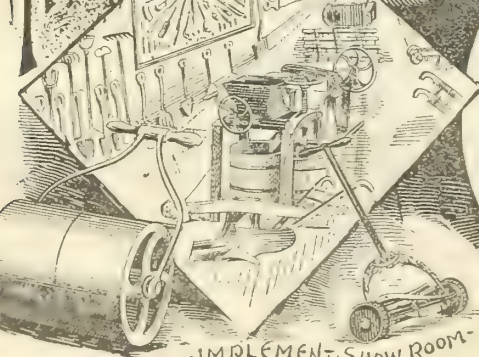
PETER HENDERSON & CO

IMPLEMENT



FERTILIZED

DEPARTMENT



IMPLEMENT SHOW ROOM

Implements and Tools. (See pages 148 to 154.) We carry an exhaustive variety of Horticultural and Garden Tools, both of American and Foreign manufacture, our specialties being Pruning Tools, Insecticide and Fungicide applying tools, Hand Garden Tools, Lawn Mowers, Lawn Requisites, etc., and we receive hundreds of purchasing orders for the larger Farm Implements every year from customers. All the principal manufacturers of the United States being represented in New York, we shall be pleased to accommodate our customers in this way whenever desired at lowest market prices.

Fertilizers. (See page 156.) We supply only of the highest grade, pure and unadulterated. Our bone fertilizers, for instance, are ground from pure raw knuckle bone, and for strength and effectiveness cannot be classed with the cheap grades.



FERTILIZER STORES



FLOWER SEED TRIAL GROUNDS. We show only a glimpse of the grounds where we test annually several hundred varieties of flower seeds received from all quarters of the globe, not a few of which are sent by tourists and explorers, accompanied by descriptions of their gorgeous splendor, etc., which, unfortunately, are but seldom verified in our climate. Here we also try all the novelties sent out by the Horticultural Trade of the world, selecting such as are really new and worthy. It will perhaps astonish our friends to know that the average of what we call "new good things" is often less than 5 per cent. of the number tested, thus rendering our trial grounds a veritable sieve for the benefit of our patrons.

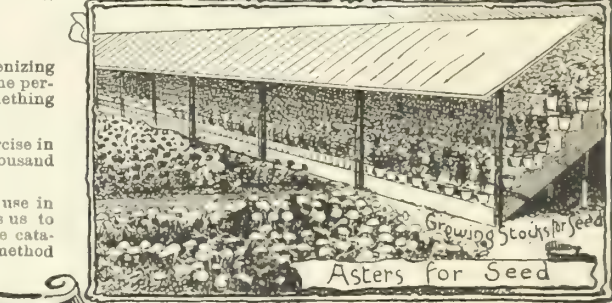
Here we also grow plots of the various important flowers for stock seed, enabling us to rogue them carefully, improve strains, secure the proper proportion of various colors for mixtures, etc.

THE HOUSE OF CINERARIAS gives a suggestion of how our florists' flower seeds are grown, such as Primulas, Calceolarias, Cinerarias, Carnations of the finer kinds, etc., etc. The quantity we consume of these seeds is enormous, and requires for seeding purposes alone a large area of glass structures.

HYBRIDIZING PETUNIAS. This view gives an idea of the care we take in artificially pollenizing Petunias and many other flowers. This systematic crossing of varieties greatly increases the percentage of double flowers and gives a greater variety of colors and often brings forth something new and highly desirable.

SELECTING PANSIES FOR SEEDING PURPOSES. This view shows the care we exercise in selecting only the finest and richest colored Pansies for seed purposes. Out of a bed of ten thousand plants there is usually not over one thousand suited for producing seed of the highest grade.

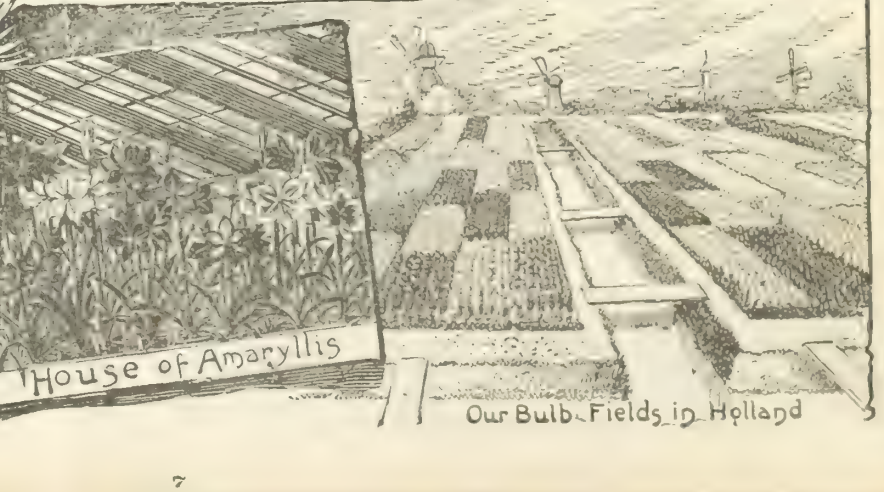
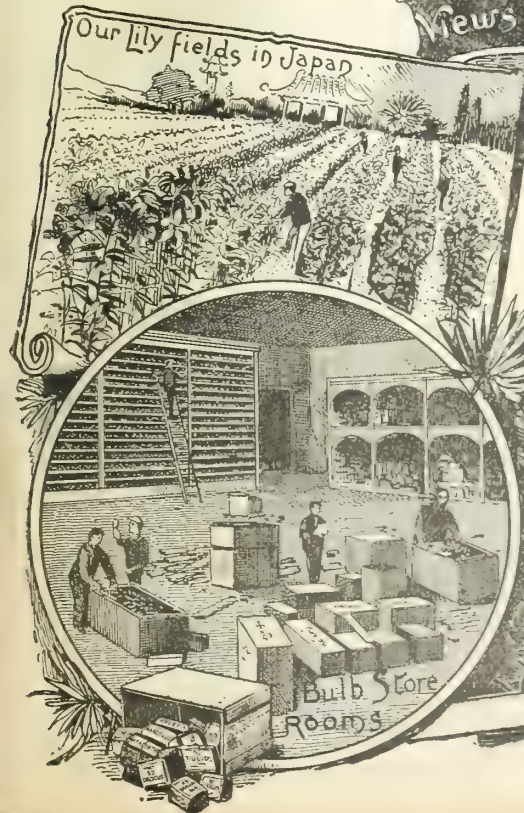
GROWING STOCKS (Gilliflowers) FOR SEED. This view gives an idea of the care we use in growing stock seed that will produce double flowers, for stocks grown in this manner enables us to offer seeds that produce from 75 to 90 per cent. of doubles. All of the seeds of stocks that we catalogue are grown in this manner, excepting the cheap mixture, which is grown by the usual method pursued by others in the open ground.



Views of Bulb Department

THE BULB DEPARTMENT is a very important accessory of our business. Among the varieties for spring planting (listed on pages 96 to 100) we grow enough tuberoses of the Pearl variety alone to

produce three-fourths of a million extra-sized bulbs. **OF GLADIOLUS** we grow many acres, and our collection of choice new varieties is especially rich. Other varieties of bulbs we consume in proportionate quantities; most of them we grow, but we also have heavy annual importations from Cuba, Mexico, Texas and Florida. **OUR AUTUMN BULB TRADE** is conceded to be the most extensive of any either in Europe or America. The Hollanders tell us that we use many more Dutch bulbs than any other house in the world, and in Japan we have grown for us many acres of the choicest Japanese lilies and other rare bulbs. In China we have grown each year 50,000 of the "Shui sin far," the well-known Chinese Sacred Lily. In Bermuda we grow each year from 750,000 up to a million bulbs of the famous Bermuda Easter Lily. The Holy Land and mountains of Asia Minor also yield up their bulbous treasures to our collectors every summer. **THIS BRIEF OUTLINE** merely gives an idea of the scope of our Bulb Department. We issue a special annual Catalogue of Fall Bulbs about the 15th of September.



A Rose House

A Chrysanthemum House

A PALM HOUSE

A FEW VIEWS IN PETER HENDERSON & CO'S GREEN-HOUSES AND NURSERIES

Our greenhouses and grounds, located in Jersey City, N. J., are the largest and best-appointed in the United States. They are within thirty minutes' travel from our Seed Stores in New York, and are well worth a visit. Any of our customers visiting New York who desire to inspect our greenhouses will be furnished with a card upon application containing directions how to reach them.

These greenhouses occupy four and one-half acres solid under glass, are heated by steam and hot water, and are fitted up with every modern appliance, so that they are easily graded to any temperature; thus the most perfect health and vigor are given to the plants. With such unequalled facilities for their production, we can compete with any in the matter of prices.

Rose House.—This view shows one of our many Rosehouses. We make Roses our great specialty, and, like the other lines with which we are identified, we have, we believe, special advantages to offer (see pages 103 to 115). **The three grand Colored Plates** of these are evidence of how important the Rose is to us. Never, we believe, in the history of the trade has this enterprise been equaled or even attempted.

Propagating House.—Here is where the millions of plants we sell first take on life. Their infancy is passed in pleasant surroundings, and, under the watchful eyes of trained employees, they develop a vigorous, thrifty growth before leaving our establishment.

Hot House Grapes.—As the country grows in wealth, and the large private conservatories, greenhouses and graperies multiply, these become more important. We make a specialty of them, and call attention to our offer, page 146.

Tuberous Begonias.—These are rapidly attaining prestige as bedding plants for outside summer gardening. They are also valuable plants for the greenhouse. See page 122.

Small Fruits, Shrubs, etc.—We show a small portion of our storage shed, which has a capacity of 100,000 plants. With the facilities afforded by it we are enabled to fill orders for these any time during the coldest weather. This will be appreciated particularly by our customers in the Southern States. We offer a superb grade of plants, and can quote special rates on large quantities. See pages 102 and 143 to 147.

A Palm House.—No series of views in our greenhouses would be complete if these were omitted. With the advance in horticultural knowledge, and the broadening of the spirit of refinement among our population, these children of far-away climes, emblems of grace and beauty, grow in and hold popularity. See our offer, page 140.

Chrysanthemums.—We are the largest distributors of these in the world, and devote thousands of square feet of glass to their culture. See our **Colored Plate**, page 116.

Celery Plants.—Some of our open-air operations are shown where the men are planting cold frames, layering strawberries and pulling celery. The latter is for sale from June 20th to about August 1st. Special catalogue of these will be ready early in June.

Packing Department.—The most important, perhaps, in the series of views. It is here our customers' orders are taken and carefully prepared for the journey before them. From our long experience as packers of plants the present perfect system has been evolved. We ship

at all seasons of the year, and fill every order the day after it is received—*unless otherwise instructed by the purchaser*—using light boxes and baskets, so as to reduce express charges to a minimum, and so perfect is our system that our plants almost invariably reach the purchaser as fresh as when they left our greenhouses.

Propagating House

A House of Foliage Plants

Planting in Cold Frames

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BOOKS

Horticulture AND Agriculture by Peter Henderson



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for
**GARDEN,
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I bought "Practical Floriculture" years ago and built a greenhouse, and without any help except the knowledge gained from it have a business that pays me \$800 a year. I wish to recommend your books, as I confidently believe a man can learn the business quicker and more thoroughly that way than by being driven before a boss for fifty years.—CHAS. POMMERT, Florist, Greenfield, O.

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Greenhouses for Vegetable Crops—Forcing Strawberries—Seeds and Seed Raising—How, When and Where to Sow Seeds—Transplanting—Vegetables, their Varieties and Cultivation—When to Sow and Plant in the Southern States—Packing of Vegetables for Shipping—Preservation of Vegetables in Winter—Insects—Culture of Small Fruits—Monthly Calendar of Operations.

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WAS written to meet the wants of those desiring information on gardening for private use. Its scope therefore embraces directions for the culture and propagation of Flowers, Vegetables and Fruits. It has had a large sale, and gone through several editions, the present having been revised and greatly enlarged by the author in 1888; it exhaustively treats on the Vegetable Garden, Flower Garden, Fruit Garden, Greenhouse, Grapery, Window Garden, Lawn, the Water Garden, etc.

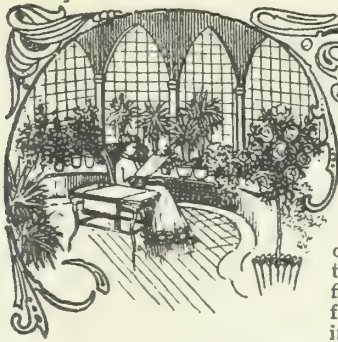
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On the plate opposite we display what we consider one of our most valuable contributions to horticulture, the Succession Cabbage. It would be classed as a second early variety, coming in a few days later than Early Summer, but it is immeasurably superior to that variety; it is of nearly double the size and is absolutely true to its type under all conditions. In addition to this, it has no tendency whatever to run to seed. We can say without exaggeration that it is the finest cabbage in existence to-day; whether for medium early, main crop or late use, it has no equal. It is so finely bred and so true to type that in a field of twenty acres every head appears alike. We can recommend it either for the market gardener, trucker or private planter, as it is a perfect cabbage in every respect, not only being of the largest size but of handsome color

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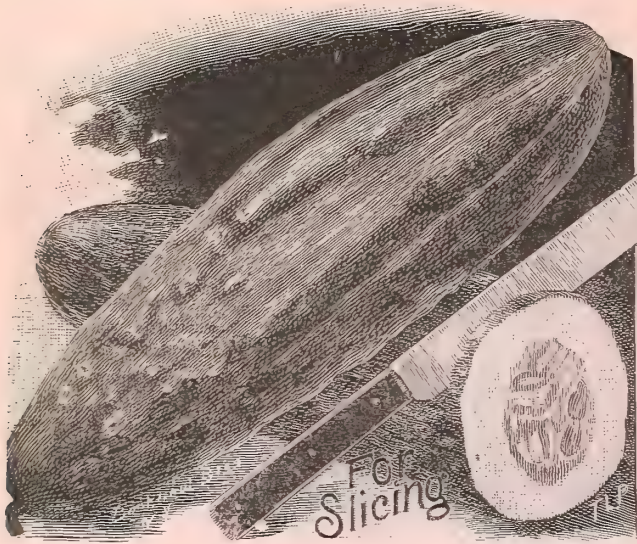
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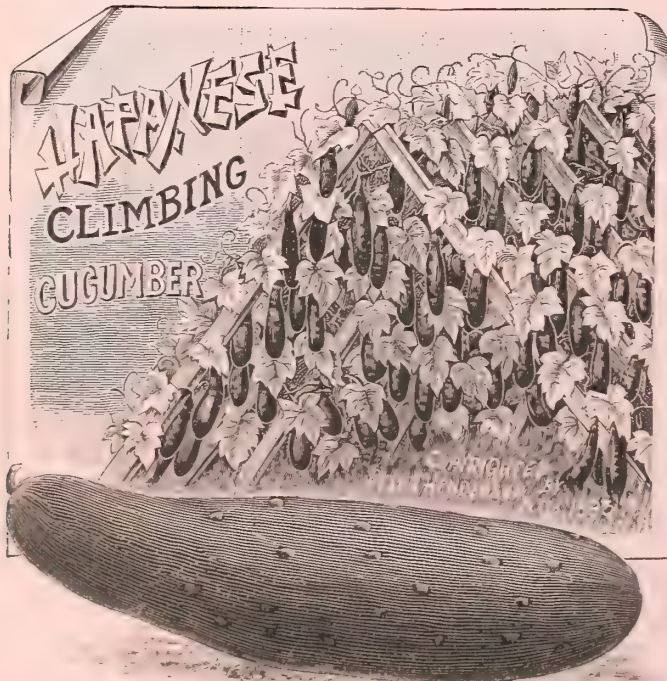
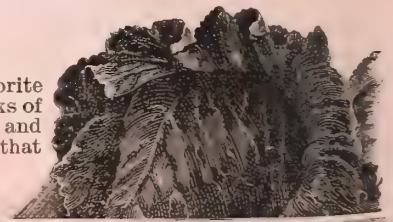
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Henderson's New Cucumber, "Cool and Crisp."

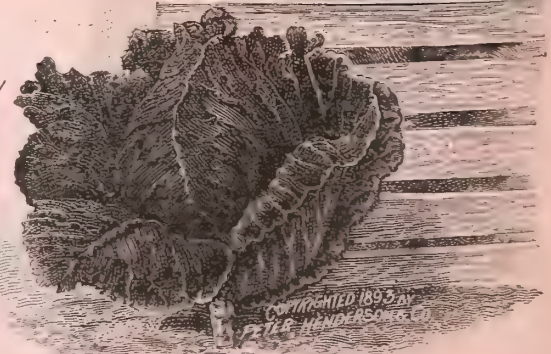
The cut gives a good idea of the shape of this valuable variety. It will be noticed that it is inclined to taper off at the stem end, and is generally a little pointed at the other end also. This is the most desirable shape for pickles. At the pickling stage the Cucumbers are straight, long, even and slim, and until they reach their full size they are of a very dark green color, so dark that it might be almost called "black." The peculiar feature of this variety is the knobs or protuberances, upon which the spines are placed, are prominent at all stages of growth, giving the Cucumber a very attractive appearance. This variety is the *earliest and most prolific of all pickling Cucumbers*, and is certain to become a standard sort. While primarily a pickling variety, it is also most useful for slicing, the Cucumbers, when fully matured, being of good size and exceedingly tender and crisp. (See cut.) 15c. per pkt., 8 pkts. for \$1.00.

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Red Winingstadt Cabbage.



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Cole's Early is the finest every-day melon for the amateur that we have ever seen. It is very hardy, a sure cropper, and extremely delicate in texture of flesh, which is of a dark red color; the rind is thin, and the quality of the flesh is sustained clear to the rind. It is, however, exceedingly brittle, hence not desirable for shipping purposes, but, possessing all the other most desirable features, we can highly recommend it for home use. The melons are of medium size, nearly round in shape, rind green striped with lighter shades. We feel sure that Cole's Early will become popular. (See cut.)

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PERFECTED DELMONICO
MUSK MELON.

NEW PEPPER,



“County Fair.”

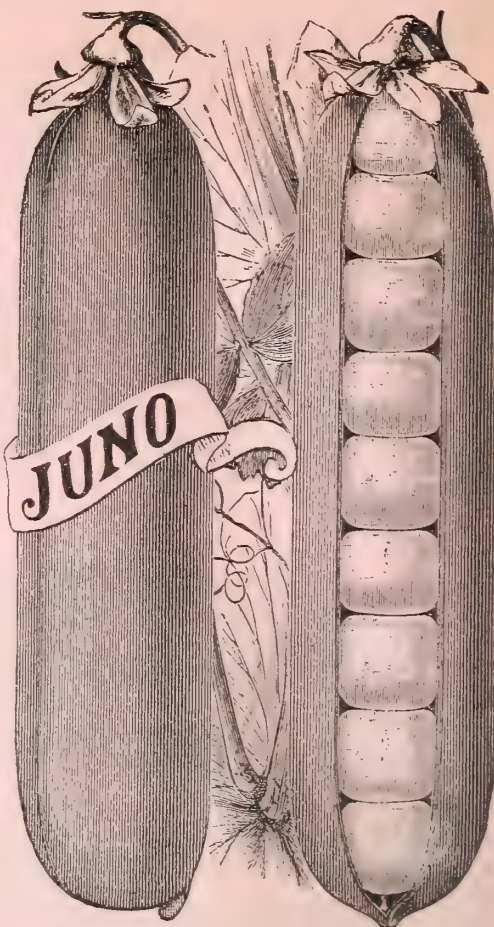
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NEW PEPPER,
“COUNTY FAIR.”

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novelties that we introduce, but we must say that in this case we have gone to the other extreme and have failed to portray by our engraving the handsome appearance of this great acquisition.

This variety has been grown on a large scale for years by one of the most practical and intelligent of New Jersey’s farmers, and although he has tried all others he has found nothing to equal in quality and productiveness the “County Fair.” It is of strikingly handsome appearance that at once arrests the eye, whether in the market or on the exhibition stand of an agricultural fair. The peppers are of medium size, but are very solid and “meaty,” and of sweet, sprightly flavor, entirely free from any biting or burning taste. (See cut.) 10c. per pkt., 50c. per oz., \$1.75 per ¼ lb.



New Pea, “Juno.”

A GRAND ACQUISITION.

This Pea first came under our notice about four years ago, when it strongly impressed us as being of a desirable and fixed type. We have closely watched it in the interval, both in our trial grounds and under field culture, and we have no hesitation in saying that it is by far the best wrinkled Pea of its class to-day. It differs from the Heroine in that it has a more robust vine and has stout, STRAIGHT pods, usually borne in pairs. It is noticeable that the pods are very thick, broad-backed all the way up and filled from the stem to the tips with seven to nine sweet, delicious DARK green Peas of immense size. Its height is two feet, and its season from medium early to main crop. Altogether, we are satisfied it is a Pea that is destined to become a standard variety, and we strongly advise all to try it. (See cut.) 15c. per ½ pt., 30c. per pt., 50c. per qt.

Long Island White Bush Squash.

A few years ago, one of the most prominent Long Island market gardeners brought into our store specimens of a Squash which he had been growing for several years, and which he found would sell in the New York markets at higher prices than any other sort. It was a selection of the old White Bush Scallop, and a vast improvement, having less prominent ridges and being much deeper, so that a single Squash would actually contain nearly twice as much weight as the old sort. In addition to this, it is of finer quality and very prolific. We can strongly recommend this variety both for the market gardener and the amateur. (See cut.) 15c. per pkt., 2 pkts. for 25c., 10 pkts. for \$1.00.



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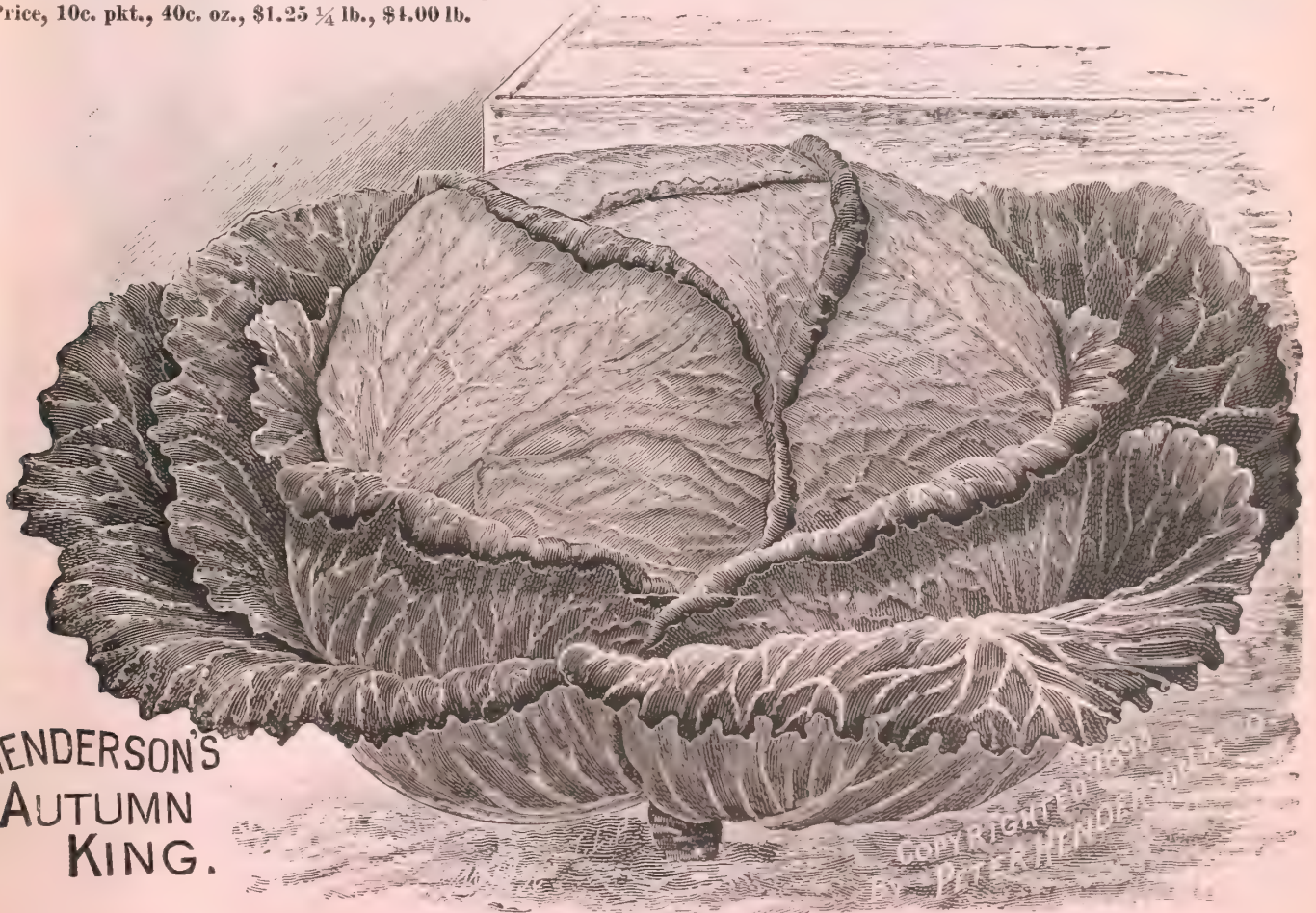
LONG ISLAND WHITE BUSH SQUASH.

HENDERSON'S AUTUMN KING CABBAGE.

The Finest of all Winter Cabbages.

THERE is no vegetable that is harder to introduce into general cultivation than a new variety of Cabbage, for the reason that it is probably the most important of all garden crops, so that planters are always slow to take hold of a new variety, preferring to use the old standard sorts on which they have depended for years. Hence it is that this peerless variety, which we introduced four years ago, is just now coming into general use. We would say without hesitation that it is the finest late Cabbage in this country to-day, occupying the same position among late Cabbages as the Jersey Wakefield and Succession do in their respective classes. The AUTUMN KING is an entirely distinct variety, and the best keeper we have ever seen; it produces enormous, solid heads of that dark shade of green that is most desirable in a Cabbage, and has such small outer leaves that it can be planted much closer together than the ordinary late sorts, and can be relied upon to produce a greater weight of crop per acre than any other variety, from the fact of its producing so few outer leaves and going all to head. A distinctive feature of the AUTUMN KING is the peculiarly crimped leaves, which not only add to its appearance, but enable it to be distinguished anywhere. We are sorry to find that some other seedsmen are offering this same stock of Cabbage under the name of "World Beater." In our Trial Grounds last season, we had samples of the AUTUMN KING and the "World Beater" side by side, and they proved to be identical. As we sent the AUTUMN KING out four years ago and the "World Beater" was only offered last year, we claim the credit of the introduction of this, the grandest of all winter Cabbages. The engraving gives a good idea of its appearance.

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



**HENDERSON'S
AUTUMN
KING.**

WHAT THOSE WHO HAVE GROWN IT HAVE TO SAY.

From your Autumn King Cabbage Seed I have raised the finest Cabbages that I ever saw. Some of the heads (after cleared off ready for market) weighed 19 lbs. in September. It is very tender and of fine flavor.—J. S. BORNE, Ritchie, Va.

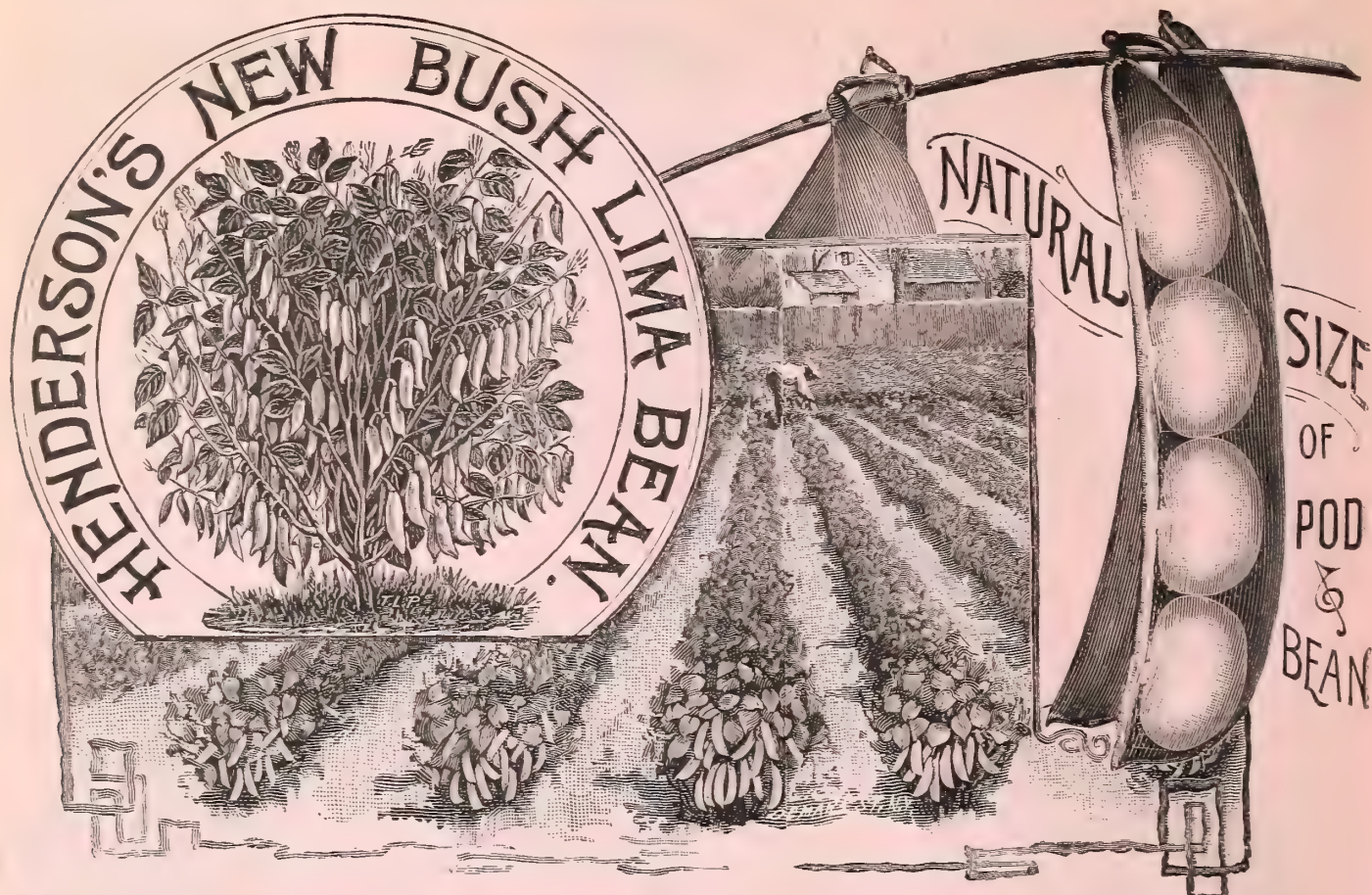
I have just sent a specimen of your Autumn King Cabbage to the Sioux City Corn Palace. It weighed 27 $\frac{1}{4}$ pounds, and I will wager \$100 that I can raise more pounds to the 100 heads than any other grower can with any other variety. I have sold 200 heads to one man, that averaged 22 $\frac{1}{2}$ lbs. to the head.—J. W. KELLY, Sanborn, Iowa.

I raised upwards of 5,000 heads of Cabbage this season but found none that were equal to Henderson's Autumn King.—C. S. BLACK, Traverse City, Minn.

Although the following is unsolicited by you, yet it is a pleasure for me to state that in my Cabbage field this year I put out nine different varieties, but your Autumn King produced the largest, soundest heads, and I consider it far superior in every particular to any Cabbage I have ever raised.—F. S. HALFORD, Honeoye Falls, N. J.

A Big Preston Co. Cabbage.

Editors Post :—We see in the Post of the 10th inst., notice of a large cabbage measuring 3 feet in circumference. I this day measured what we think is our largest, and it is just 47 inches, clean, solid goods, and weighs 26 pounds. This is the Autumn King variety, from Peter Henderson & Co., 35 and 37 Cortlandt Street, N. Y. Lots of 36 and 40 circumferences and from 18 to 20 pounds. Respectfully, F. M. HUFFMAN, Marquess, W. Va.



HENDERSON'S NEW BUSH LIMA BEAN.

No novelty that has ever been sent out has received as wide distribution, in so short a time, as **Henderson's Bush Lima**. A few years ago the entire stock of this variety was growing on an obscure plantation in Virginia; to-day it will be found in almost every garden on this continent. This has been due to its great merit, which the public were quick to recognize. **One of the most valuable characteristics of Henderson's Bush Lima is its extreme earliness**, as it comes in from two to three weeks ahead of any of the other climbing or Bush Limas, thus supplying us with a delicious vegetable at a time when the garden is somewhat bare, filling in, as it does, the gap between Peas and the Pole Limas. The small size of **Henderson's Bush Lima**, which at first was urged as an objection to it, has proved one of the strongest points in its favor, as the public, rightly enough, prefer small beans, always associating great size in beans or peas with coarser quality. **Henderson's Bush Lima is enormously productive**, bearing continuously throughout the summer until killed by the frost. **Its greatest merit, of course, lies in the fact that it is a true bush variety**, requiring no support from stakes or poles, but, at the same time, the experience of all who have grown it has been that it excels as well in *quality, quantity and earliness*. (See cut.)

THE ORIGIN OF HENDERSON'S BUSH LIMA BEAN.

We have been frequently asked where the Bush Lima Bean came from, and as the history of the origin of such novelties is interesting to many people, we will give briefly the story of this great novelty.

It seems that, some twenty years ago, an aged colored man, passing along a road near the Peaks of Otter, in the vicinity of Lynchburgh, Virginia, noticed a single plant of this Bean growing by the roadside. Having a little garden of his own around his humble cabin, he gathered the beans from this single plant and took them home with him. From these few beans he raised a small stock which he kept in his possession for several years. From him it passed into the hands of a large market gardener near Lynchburgh, who grew this variety for many years, it proving very profitable to him from the fact of its great earliness. About 1885 information of

this wonderful new Bean reached a seedsman of Richmond, Virginia, who at once took steps to secure all of the stock, which he succeeded in doing. Although the quantity he secured was very small, yet he soon increased the quantity, and then brought the great novelty to our attention. We purchased the entire stock from him in the fall of 1887, and offered it to the public in the spring of 1889. When the two bush forms of the **Large Lima Beans** appeared it was thought by some that they would displace this small variety. Such, however, has not proved to be the case, as the Henderson Lima, from its earliness, productiveness and grand quality, still stands pre-eminent. Our assertion, in 1888, that it was the "grandest vegetable novelty of the nineteenth century," still holds good. It has stood the test of time.

TESTIMONIALS.

Notes from "Popular Gardening" Trial Grounds, La Salle-on-the-Niagara, N. Y.

"Henderson's Bush Lima we can hardly speak too highly of. The growth is vigorous and strong; pods are produced in immense numbers and continuously until the end of the season. As they grow in clusters, picking is quite easy and quick work. In quality we think there is nothing that can surpass this variety—there is a richness and delicacy about them hardly met with in any other bean. Henderson's Bush Lima is just the sort to be planted where the ordinary Limas are a trifle late."

The Bush Lima Beans I got of you are what you say about them, for I think they are the finest and most prolific bean I ever saw.—A. D. BROWN, Hiawatha, Kas.

The best thing I had in my garden last year was the Henderson Bush Lima Bean. This year I tried Burpee's Bush Lima Bean. Now I wish to say that Henderson's Bush Lima Bean will produce more beans on half the space, and do not have to be tied or propped up.—C. L. JUDGE, Kansas.

WILLIAM FALCONER, in "American Gardening," September, 1892.

HENDERSON'S BUSH LIMA.—It has come to stay, and is a splendid addition to summer vegetables; to me it is indispensable. After July 15th we cannot expect good peas—the mildew ruins them. But about July 20th, from a warm, sandy piece of land, I begin to pick Henderson's Bush Lima Beans. We sow them in rows as we do ordinary snap-beans, using only one-fourth as much seed. They grow well without any trouble, never run, and bear enormous crops. After large white pole Limas come, about August 10th or 15th, we stop picking the dwarf ones. Again, in fall, Henderson's Bush Limas are very useful. We have them sown close in rows, so as to cover them with frames and sashes from September to November, and in this way get fresh green Limas long after the frost has killed the pole-beans.

We ate Bush Lima Beans to-day grown from seed bought from you in the spring and found them to exceed even your description.—C. S. NORTH, Raymond, Miss.

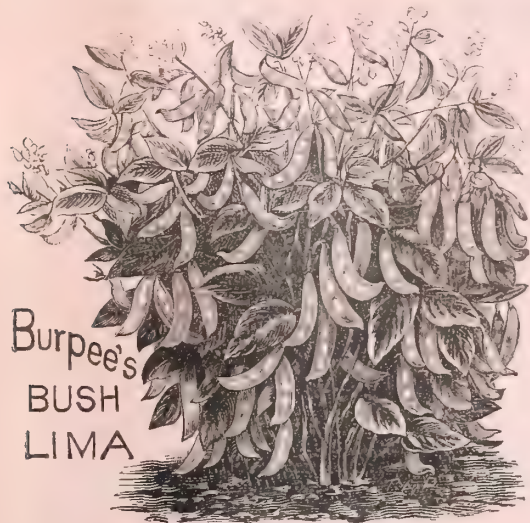
The Bush Lima Beans I received from you last year were a great success. I found them to be very productive, of fine flavor and very tender.—A. M. BRINGMAN, Upper Sandusky, O.

PRICE, HENDERSON'S NEW BUSH LIMA BEAN,

10c. per packet, 15c. per ½ pint, 30c. per pint, 50c. per quart, \$3.50 per peck.

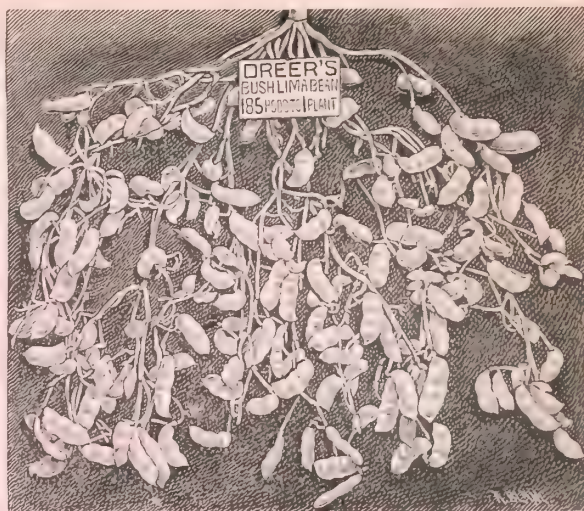
BURPEE'S BUSH LIMA.

This is a bush form of the well-known Large White Lima Bean. It is very fixed in its bush character, growing to a uniform height of about twenty inches. While not so early as Henderson's Bush Lima, its larger size will commend it to many. The pods are of the exact size of the Large Pole Limas and contain as many beans of the same delicious quality. (See cut.) Price, 10c. pkt., 35c. $\frac{1}{2}$ pint, 60c. pint, \$1.00 quart, \$7.00 peck.



SPECIAL OFFER.

1 packet of each of the three Bush Limas, Henderson's, Burpee's and Dreer's, for 25 cents, free by mail.



DREER'S BUSH LIMA.

Dreer's Improved Pole Lima, or, as it is sometimes called, "Potato" Lima, has been grown for years, the beans growing close together in the pods, and being very thick, sweet and succulent, and generally considered of finer quality than the Large Pole Lima. The bush form is entirely fixed in its character, growing from one and one-half to two feet in height and of vigorous bush habit. This variety, from its abundant foliage, always succeeds better in a dry than in a wet season, and we would advise, if possible, in planting to plant it at least two feet apart and on light, sandy soil, if practicable. (See cut.) Price, 10c. pkt., 35c. $\frac{1}{2}$ pint, 60c. pint, \$1.00 quart, \$7.00 peck.

The Ponderosa Tomato Contest of 1892.

IT has long been customary for seedsmen to offer prizes for the finest specimens of vegetables grown from their seeds, but never before in the history of the trade has a contest assumed such magnitude or interest as was developed in the PONDEROSA TOMATO competition last season. This was due not alone to the liberal cash prizes which we offered, but more particularly because of the wonderful specimens of this variety that had been produced in the previous season. The number of prize entries we received approached three thousand (3,000), and in many cases competitors sent in great boxes of magnificent specimens. These were received by us all through the summer and fall months up to the 15th of October last, and many of them were placed on exhibition in front of our stores, and the great masses of enormous scarlet fruits attracted the greatest attention on that crowded thoroughfare, Cortlandt Street. A record of specimens received was kept most carefully, all being weighed on arrival, and notification of the weight being at once sent to the sender. In arriving at our decision, we complied carefully with the conditions of the offer, that is, that *perfection of form as well as weight* was considered, and while we received many specimens that were heavier than some of those to whom the prizes were awarded, yet, owing to irregularities in shape, they were debarred. Almost without exception, the prize-winners were absolutely perfect in form and truly a sight to behold. Owing to the dry weather, however, that prevailed during the summer and fall of last year in most parts of the country, Tomatoes generally were not as large in size as usual, and the prize specimens did not run as large as we expected.

In instances where the Tomatoes were of the same weight, preference was given to the most perfect specimens.

THE PRIZES WERE AWARDED IN THE FOLLOWING ORDER:

FIRST PRIZE, \$150.00.—MISS L. L. BAILEY, Brandon, Vt.
Weight of specimen, 3 lbs.

SECOND PRIZE, \$100.00.—WM. H. BALL, Spuyten Duyvil, N. Y.
Weight of specimen, 2 lbs. 14 $\frac{1}{2}$ ozs.

THIRD PRIZE, \$75.00.—D. W. PLATTNER, Plimpton, Ohio.
Weight of specimen, 2 lbs. 14 ozs.

FOURTH PRIZE, \$50.00.—L. C. HARTSOCK, Spring Valley, O.
Weight of specimen, 2 lbs. 17 $\frac{1}{2}$ ozs.

FIFTH PRIZE, \$35.00.—R. F. JOHNSON, Water Valley, Miss.
Weight of specimen, 2 lbs. 12 ozs.

SIXTH PRIZE, \$30.00.—STEPHEN H. BAKER, Cliftondale, Mass.
Weight of specimen, 2 lbs. 9 ozs.

SEVENTH PRIZE, \$25.00.—R. MEANS, Parkdale, Canada.
Weight of specimen, 2 lbs. 8 ozs.

EIGHTH PRIZE, \$20.00.—R. M. UTZMAN, Raleigh, N. C.
Weight of specimen, 2 lbs. 8 ozs.

NINTH PRIZE, \$10.00.—JOHN H. STUP, Frederick City, Md.
Weight of specimen, 2 lbs. 6 ozs.

TENTH PRIZE, \$5.00.—JOHN BRABY, Tuxedo Park, N. Y.
Weight of specimen, 2 lbs. 6 ozs.

We have a limited quantity of seed saved from the PRIZE FRUITS sent in last season that we can supply at 20 cts. per packet.

Price of Ponderosa Tomato (of our regular stock), 10 cts. per pkt., 75 cts. per oz., \$2.50 per $\frac{1}{4}$ lb.

Henderson's Ponderosa Tomato.

(See plate opposite.)

The **PONDEROSA TOMATO** has probably created a greater furor than any vegetable novelty that has been offered in the last decade, and, in the opinion of many experts, it will prove not only one of the most valuable of our introductions, but the forerunner of a new race of Tomatoes that will entirely supersede the seedy, acid sorts now in use. The liberal prizes that we offered last season for the ten heaviest fruits of this variety induced very lively competition, thousands of beautiful specimens being sent in from all sections of the country; all were carefully weighed and recorded on arrival, a full detail of which will be found on page 19.

The **PONDEROSA** possesses every good quality to be found in a tomato. The vines are strong and vigorous and easily carry their enormous weight of fruit. Its massive or ponderous fruits are almost perfect in form, and so free from ridges or corrugations as to seem nearly as smooth as glass; and when we come to size, weight and solidity, no other Tomato begins to approach it. The skin is exceedingly firm, which will cause it to be largely grown for shipping purposes. On the opposite plate we have tried to portray the color of the **PONDEROSA**. Excellent as the work is, it does not do justice to the rich crimson of the original, which permeates the fruit from circumference to centre, so that when sliced for the table its rare beauty never fails to elicit general admiration. Its remarkable solidity is happily expressed in one of our testimonials, which says "that it is nearly as firm as an apple." A marked peculiarity of this variety is that it is almost seedless, and

while this characteristic commends its use to delicate persons, this same peculiarity makes us pay five times as much to have the seed grown as that of any other sort. Large fruits or vegetables are usually obtained at the expense of earliness, but here the **PONDEROSA** again steps in and floors our preconceived ideas on this point by demonstrating that it is as early as most of the older sorts whose only merit is that they are early. One patron writes that he had splendid tomatoes of the **PONDEROSA** in 100 days from sowing the seed. Its flavor is delicious, whether used raw or cooked. A canner who grew it last year says it is going to be a grand sort for him, because the tomatoes are so large and smooth that there is no waste in handling.

We exhibited this Tomato in front of our seed stores and it elicited the admiration of thousands. A frequent comment passed upon it there was: "Why, one is enough for a meal." And so it was.

We feel that we have told the leading merits of this glorious Tomato, but if the unsolicited testimonials on page 19 are read, still further praise of **PONDEROSA** will be found.

WARNING.—The great demand that is certain to be made for the **PONDEROSA** Tomato this season will induce many seedsmen and dealers to offer this variety. Beware of all such seed, as the **PONDEROSA** requires constant selection to keep it at its present high standard, and you are liable to get an inferior article. Reject all seed unless in our original packages, sealed with our red trade-mark label.

Price, Seed saved from Prize Fruits, 20c. pkt. Seed of our regular stock, 10c. pkt., 75c. oz., \$2.50 ¼ lb.

NEW SWEET CORN, "Country Gentleman."

(See plate opposite.)

There is no vegetable that comes upon the table that is more delicious when it is good, or more unpalatable when it is not just right, than Sweet Corn. The "Country Gentleman" is the finest of all Sweet Corns, and will delight the most fastidious epicure, retaining its delicate tenderness and flavor even when a little old. While the ears are smaller and less showy than the coarser varieties, for private family use, where quality is the first consideration, it has no equal.

The *Ne Plus Ultra* Corn, which we have offered for the past three seasons, has given more satisfaction for private family use than any other sort. Its only weak point was its small size. To remedy this we have, by careful selection, obtained a variety which pro-

duces ears of good size and of the same delicious quality as the original, and we offer with confidence the "Country Gentleman" as the finest Sweet Corn for private use. The ears are not only of good size, but are produced in great abundance, frequently bearing four good ears, while the average is three ears to a stalk. When we consider that ordinary Sweet Corn produces only one or two good ears to a stalk, the superiority of this variety will be quickly seen. The cob is very small, giving great depth to the kernels, which are of pearly whiteness. But the great merit of the "Country Gentleman" Corn is its delicious quality; it is, without doubt, the sweetest and most tender of all Sweet Corn, and at the same time with ears of good size.

Price, 15c. ½ pt., 25c. pt., 40c. qt., \$2.50 pk.

Henderson's Delicata Squash.

(See plate opposite.)

This beautiful variety we have given a place on the colored plate opposite. The ground color is orange yellow, splashed and striped with very dark green. The quality is splendid, being rich and dry, similar in this respect to the well-known Fordhook Squash. The **Delicata** is the earliest of any *vine* Squash that we have ever tested, and is so prolific that last season from twelve hills of two plants each 352 perfect Squashes were gathered. Although of small size, this variety is wonderfully solid and heavy, the seed cavities being very small. For private use particularly we can recommend this Squash, as it far surpasses in richness of

flavor any of the large, old-fashioned sorts. In our trial grounds last season, we probably had 100 varieties and stocks of Squashes under test, but of all this number not one produced as many Squashes as the **Delicata**. As before stated, the great distinctive feature of this Squash is its extreme earliness; it matures about the same time as the Summer Squashes, and for early use will doubtless supplant this watery, tasteless class, while its extreme solidity renders it fully as good a keeper as any of the winter varieties. The **Delicata** is an "all seasons" Squash in a remarkable degree. We can highly recommend it.

Price, 15c. pkt., 2 pkts. for 25c., 10 pkts. for \$1.00.

TER HENDERSON & Co.
NEW YORK.

1893.



PONDEROSA TOMATO.



DELICATA
SQUASH.

COUNTRY
GENTLEMAN
SWEET CORN



HENDERSON'S COLLECTIONS OF VEGETABLE SEEDS.

For the City Garden, Suburban Garden and Country Gentleman's Home.

The frequent request from customers for an assortment of garden seeds for a garden of small, medium, or large dimensions, that will save them the trouble of selecting, has induced us to offer the collections detailed below. Our long experience in selecting for thousands of customers enables us to make up these collections so accurately of the best standard sorts as to be suited to the majority of people who do not wish novelties.

The seeds we put in are of our very best standard sorts, and the quantities are proportioned to meet the requirements of such gardens as the titles indicate. As we make up these collections in quantity before the busy season opens we are thereby enabled to sell them for fully 25 per cent. less than they would cost if the articles were selected separately; so if two or three varieties included should be of no use to you, you will still be getting the remainder for less than catalogue rates. We can allow no alterations.

THE "CITY GARDEN" COLLECTION.

Price, \$1.00, or Free by Mail for \$1.25.

Contains 20 Distinct Varieties in All, viz:

Beet, round red, 1 pkt. **Beans** (none of which require staking), Dwarf, string, green pod, ½ pt.; Dwarf, string, yellow waxpod, ½ pt.; Bush Limas, 1 pkt. **Cabbage**, Early Wakefield, 1 pkt. **Carrot**, Early Half-long scarlet, 1 pkt. **Corn**, Early Sugar, ½ pt. **Cucumber**, for slicing, etc., 1 pkt. **Egg Plant**, 1 pkt. **Lettuce**, Best Summer Heading, 1 pkt. **Onion**, Early White for slicing, 1 pkt.; Large Red for boiling, 1 pkt. **Parsley**, double curled, 1 pkt. **Peas** (none of which require staking), Earliest Dwarf, ½ pt.; Dwarf, Medium Early, for succession, ½ pt.; Dwarf Late, ½ pt. **Radish**, Early Round Red, 1 pkt. **Squash**, White Scalloped Bush, 1 pkt. **Tomato**, Early Smooth Scarlet, 1 pkt. **Turnip**, Round White Table, 1 pkt.

THE "SUBURBAN GARDEN" COLLECTION.

Price, \$2.50. Weight Packed for Shipment, 12 lbs.

Carriage to be paid by Customer. Contains 37 Distinct Varieties in All, viz:

Beans, Dwarf, string green pod, 1 qt.; Dwarf, string yellow or waxpod, 1 qt.; Dwarf Limas, ½ pt.; Climbing Snap, 1 pt. **Beet**, Round Red Table, 1 pkt. **Cabbage**, Early and Late, each 1 pkt. **Carrot**, Early long scarlet, 1 pkt. **Celery**, Self-blanching, 1 pkt. **Cucumber**, for slicing, 1 pkt.; for pickles, 1 pkt. **Corn**, Sugar, Early and Late, each ½ pt. **Egg Plant**, 1 pkt. **Endive**, or White Chicory, for salads, 1 pkt. **Leek**, for soups, 1 pkt. **Lettuce**, Early heading, 1 pkt.; Best for Summer, 1 pkt. **Melons**, Musk, Sweet green-fleshed, 1 pkt.; Water, Early, 1 pkt. **Onions**, Early White for Soup, 1 pkt.; Large Red for boiling, 1 pkt. **Parsley**, double curled for garnishing, 1 pkt. **Parsnip**, long White, 1 pkt. **Peas**, extra early, Medium and Late, each 1 qt. **Pepper**, large for Mangoes, 1 pkt. **Pumpkin**, best for pies, 1 pkt. **Radish**, Round Red, 1 pkt.; Round White, 1 pkt. **Salsify**, White, 1 pkt. **Spinach**, Best Summer, 1 pkt. **Squash**, for Summer and Fall, each 1 pkt. **Tomato**, Large smooth scarlet, 1 pkt. **Turnip**, Round White Table, 1 pkt.

With each collection we enclose a pamphlet on the cultivation of vegetables.

THE "COUNTRY GENTLEMAN'S" COLLECTION.

Price, \$5.00. Weight Packed for Shipment, 28 lbs.

Carriage to be paid by Customer. Contains 60 Distinct Varieties in All, viz:

Beans, Dwarf, Snap, green pod, 2 qts.; Dwarf, Snap, wax or yellow pod, 1 qt.; Dwarf Limas, ½ pt.; Large Limas, 1 pt.; Pole, Snap, 1 pt. **Beets**, Early and Late round red, each 1 oz. **Cabbage**, Extra Early, Medium and Late, each 1 pkt. **Cauliflower**, Snowball, 1 pkt. **Carrot**, Early Scarlet, 1 oz. **Corn Salad**, 1 pkt. **Celery**, ½ oz. **Corn**, Sugar, extra early, 1 pt.; Sugar, medium early, 1 qt.; Sugar, main crop, 1 qt. **Cucumber**, for slicing, 1 oz.; for pickles, 1 oz. **Egg Plant**, 1 pkt. **Endive**, or White Chicory, for salads, 1 pkt. **Kohl Rabi**, white, 1 pkt. **Kale**, Dwarf curled, 1 pkt. **Lettuce**, Early head, 1 pkt.; Best Summer Head, 1 pkt. **Leek**, for soups, 1 pkt. **Melons**, Musk, Early, 1 pkt.; Main Crop, 1 oz.; Water, Early, 1 pkt. **Nasturtium**, for pickles, 1 pkt. **Okra**, for soups, 1 pkt. **Onions**, small white for slicing, 1 pkt.; Large White, for boiling, 1 oz.; Large Red, for Winter, 1 oz. **Parsnip**, Long White, 1 oz. **Parsley**, double curled, for garnishing, 1 pkt. **Pepper**, Large for Mangoes, 1 pkt. **Peas**, Extra Early, Medium and Late, each 2 qts. **Pumpkin**, for pies, 1 pkt. **Radish**, Early round red, 1 oz.; Early round white, 1 oz. **Spinach**, 1 oz. **Salsify**, white, 1 pkt. **Squash**, Summer, 1 oz.; for Winter, 1 oz. **Tomato**, Extra early scarlet, 1 pkt.; Large scarlet, 1 pkt. **Turnip**, Extra early, white flesh, 1 oz.; Yellow flesh, 1 oz. **Sage**, 1 pkt. **Thyme**, 1 pkt.

GIVE YOUR BOY A GARDEN.

Provide a means of healthy exercise and delightful recreation, and plant in their young minds the love for nature. What health and what lessons in care, order and patience in their play-work, what enthusiasm, is aroused by the wondrous revelations from the sowing of a seed to the plucking of the fruit.

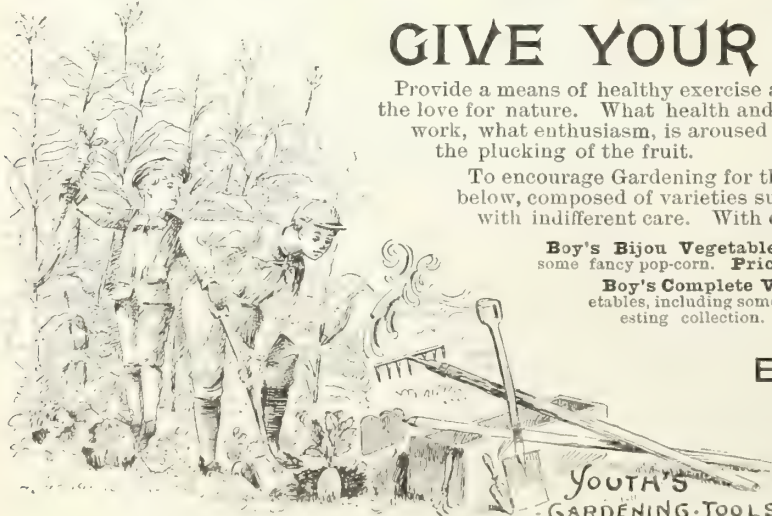
To encourage Gardening for the young, we offer at reduced rates the collections detailed below, composed of varieties sure to please and at the same time most likely to succeed with indifferent care. With each collection we give full cultural instructions.

Boy's Bijou Vegetable Garden Collection, contains 12 distinct varieties of vegetables and some fancy pop-corn. Price, 50 cents. Free by mail.

Boy's Complete Vegetable Garden Collection, contains 25 distinct varieties of vegetables, including some not generally known, rendering this a very instructive and interesting collection. Some fancy pop-corn is also added. Price, \$1.00. Free by mail.

Boy's Gardening Tools.

BOY'S SET. Cast-steel, durable, and of real use. CONTAINS—**Spade** (30 in. long, blade 5 in. wide). **Hoe** (48 in. long, blade 5½ in. wide). **Rake** (48 in. long, 6½ in. wide). **Trowel** (5-in. blade). **Excelsior Hand Weeder** (10 inches long). (See cut.) Carriage to be paid by customer. Price, for the entire Boy's Set of 5 pieces, \$1.00. Weight for shipping, 5½ lb.





Half pounds supplied at pound rates; half pecks at peck rates; half bushels at bushel rates. Market Gardeners or other large planters requiring larger quantities of seeds than are here offered are invited to write to us for special prices, particularly purchasers of PEAS, BEANS, CORN, ONION, SPINACH, CABBAGE and TURNIP.

POSTAGE must be added to Catalogue prices at the rate of 8 cts. per lb., when seeds are ordered in quantities of half lb. and upward. Add postage for Beans and Peas at the rate of 15c. per quart, and to Corn 10 cts. per quart, to Catalogue prices. Varieties in heavy type are such as we have found to be the best for general cultivation.

✦ ASPARAGUS. ✦

German, *Spargel*.—French, *Asperge*.—Spanish, *Esparragos*. 1 oz. for 60 feet of drill.

A convenient bed is about six feet wide, with a path two feet on each side. This will require six rows one foot apart, and a bed of that width fifty feet long will be ample for an ordinary family, requiring about one pound of seed. It will require about three years from the time of sowing until the bed is in full bearing, but once established is good for twenty years. It should be sown in drills one foot apart, and when the plants are four or five inches high they should be thinned out so that the plants will be nine inches apart from each other in all the rows. Great care must be taken for the first year to keep down all weeds as soon as they appear, else they will choke up and destroy the young seedling Asparagus. The deeper the soil and greater abundance of manure that is used the greater will be the crop.

THE PALMETTO. Until we found this new Palmetto Asparagus, Conover's Colossal was the leading sort, and justly so; but the Palmetto is not only much earlier, but is also a better yielder, and is more even and regular in its growth and must eventually supplant the old favorite. Average bunches, containing fifteen shoots, measure 13½ inches in circumference, and weigh about two

pounds. The Palmetto has now been planted in all parts of the country, and the reports we have indicate that it is equally well adapted for all sections North and South. Its quality is unequalled. (See cut.)

10c. per pkt., 25c. per oz., 75c. per ¼ lb., \$2.00 lb.

Colossal. The standard variety.

The shoots are of the largest size; very productive and of the best quality. 5 cts. per pkt., 10c. per oz., 20c. per ¼ lb., 50c. per lb.

◁ ASPARAGUS ROOTS. ▷

If to be sent by mail add 40 cts. per 100 to the prices.

A saving of one to two years is effected by planting roots. Those offered below are strong two-year-old roots. For private use or for marketing on a small scale, beds should be formed five feet wide with three rows planted in each, one in the middle and one on each side a foot from the edge; distance between the plants in the rows, nine inches.

THE PALMETTO. Splendid roots. (See cut.) \$1.50 per 100, \$12.00 per 1,000. (50 roots at 100 rate; 500 at 1,000 rate.)

Colossal. Fine two-year-old roots at \$1.00 per 100, \$7.00 per 1,000. (50 roots at 100 rate; 500 at 1,000 rate.)



Our Prices this Season are lower than ever. Read what we say on this subject on pages 1 and 2.



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PETER HENDERSON & CO.

BEANS—Dwarf or Bush.

WAX POD OR BUTTER VARIETIES.

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

1 quart to 100 feet in drills; 2 bushels to the acre, in drills.

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 15c. per quart extra if to be sent by mail.

GOLDEN WAX. A strong growing, distinct variety, at least a week earlier than the Black Wax. The pods are long, brittle and entirely stringless. As a snap bean it perhaps excels all others in tenderness and richness of flavor. Seeds when ripe, purple and white. 10c. $\frac{1}{2}$ pt., 20c. pt., 35c. qt., \$2.25 peck, \$8.00 bushel.

WARDWELL'S DWARF KIDNEY WAX. This variety is very

hardy, and both pod and plants are more robust than usual for a Wax Bean. The shape of the beans is distinct from all other Wax varieties, being of a perfect kidney shape. It produces a heavy crop of purely Wax pods, which are very long, flat, showy, and not liable to rust or blister. Very early. 15c. $\frac{1}{2}$ pt., 25c. pt., 40c. qt., \$2.00 peck, \$7.00 bushel.

GOLDEN-EYED WAX. This is an early and vigorous growing variety, yielding a great profusion of tender pods of a beautiful waxy appearance. The vine grows about one and a half feet high, holding the pods well off the ground, thus keeping them clean and attractive. It is singularly free from blight and rust; in this respect it stood the test well in our trial grounds last year. The pods are flat and large. 10c. $\frac{1}{2}$ pt., 20c. pt., 30c. qt., \$1.75 peck, \$6.00 bushel.

CYLINDER BLACK WAX. This is an improved stock of Black Wax, so superior to the ordinary strains as to be worthy of a new name. By a comparative test in our trial grounds, we proved beyond question that it was earlier than any other stock, was perfectly round podded, and of an even rich golden color. Enormously productive. 15c. $\frac{1}{2}$ pt., 25c. pt., 40c. qt., \$2.00 peck, \$7.00 bushel.

White Seeded Wax. A variety with wax-like pods, similar to the Black Wax, except in the color of the seed. 10c. $\frac{1}{2}$ pt., 20c. pt., 35c. qt., \$2.00 peck, \$6.50 bushel.

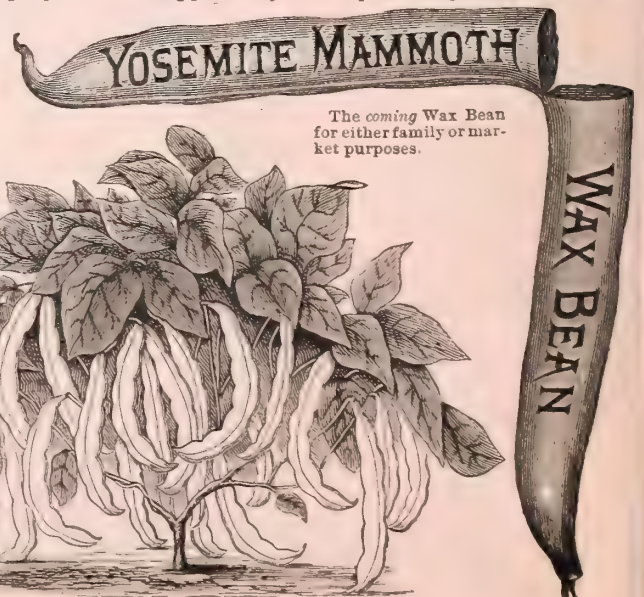
IMPROVED GOLDEN WAX. In the Improved Golden Wax which we now offer we have a bean that possesses all the good points of the old Golden Wax, but is larger in pod and much more prolific. This improved stock is one of the handsomest beans we have ever seen, being of dark rich golden yellow color and of perfect shape. It is of grand quality, showing no string or coarseness even when past its best, but is of tender, melting flavor at all stages of its growth. For market gardeners or private families, no better bush bean can be planted. (See cut.) 15c. $\frac{1}{2}$ pt., 30c. pt., 50c. qt., \$2.25 peck, \$8.00 bush.

REFUGEE WAX. A true refugee, with round yellow wax pods, very early and enormously productive, highly recommended for early and late planting, and a very desirable variety for market gardening purposes. 10c. $\frac{1}{2}$ pt., 20c. pt., 30c. qt., \$2.25 peck, \$8.00 bushel.

FLAGEOLET WAX. This is really one of the most valuable varieties for either private or market garden purposes. It is as early as either the Black or Golden Wax sorts, and has a peculiar value in the fact that it is nearly always exempt from rust. The pods are of very large size, often a foot in length, exceedingly succulent and tender. It is an enormously productive variety. 15c. $\frac{1}{2}$ pt., 25c. pt., 40c. qt., \$2.00 peck, \$7.00 bushel.

YOSEMITE MAMMOTH WAX. Regarded by many eminent authorities as being second only in distinctiveness and value to the Bush Lima. The pods frequently attain a length of ten to fourteen inches, with the thickness of a man's finger, and are nearly all solid pulp, the seeds being very small when the pods are fit for use. The pods are a rich golden color, and are absolutely stringless, cooking tender and delicious. This is the coming Wax Bean for family or market purposes. It is enormously productive, as many as 50 of its monster pods having been counted on one bush. The plant is so large and vigorous, and the pods are so solid and pulpy, that they require a great deal of light and air to perfect them. We would again call attention to the necessity of planting this grand variety nearly twice as wide apart as ordinary bush beans. (See cut.) 20c. $\frac{1}{2}$ pt., 30c. pt., 50c. qt., \$3.50 peck.

BLACK WAX. When ripe the pods are yellow, averaging 7 inches in length, very tender and of the best quality. Seeds when ripe glossy black. 10c. $\frac{1}{2}$ pt., 20c. pt., 30c. qt., \$1.75 peck, \$6.00 bushel.



The coming Wax Bean for either family or market purposes.

YOSEMITE MAMMOTH WAX BUSH BEAN.



BEANS.

GREEN PODDED SORTS. DWARF OR BUSH.

Add 15c. per quart extra if to be sent by mail.

HENDERSON'S EARLIEST RED VALENTINE. This variety is at least 10 days earlier than the Early Red Valentine, and is usually ready to pick in 35 days from time of planting. On account of its great earliness it is largely grown by market gardeners, but except in the characteristic of extreme earliness, it differs in no other way from the Early Red Valentine described below. *By a competitive test made by one of the highest authorities on the subject in this country, Henderson's Earliest Red Valentine was proven to be 10 days earlier than any other stock. Sold only in sealed packages. (See cut.)* 10c. $\frac{1}{2}$ pt., 20c. pt., 35c. qt., \$2.00 peck, \$6.00 bush.

ROUND EARLY SIX WEEKS. A decided acquisition, being an improved form of the old favorite Long Yellow Six Weeks. It is slightly shorter in the pod but round, and is almost destitute of string at all stages of growth. We can recommend it, either as a string or shelled bean. 10c. $\frac{1}{2}$ pt., 15c. pt., 25c. qt., \$1.25 peck, \$4.25 bush.

RHODE ISLAND DWARF CASEKNIFE. A continual bearer during the summer. Exceedingly early, and when young the beans are tender and of very fine flavor. 10c. $\frac{1}{2}$ pt., 15c. pt., 25c. qt., \$1.25 peck, \$4.25 bush.

REFUGEE, OR THOUSAND TO ONE. A very productive medium or late variety. The young pods are tender and of fine flavor. Is extensively grown for pickling. Seeds dull yellow speckled with purple. 10c. $\frac{1}{2}$ pt., 15c. pt., 25c. qt., \$1.25 peck, \$4.25 bush.

LONG YELLOW SIX WEEKS. Early, very productive and of excellent quality. Pods often eighteen inches long. Seeds, when ripe, yellow or dun color. 10c. $\frac{1}{2}$ pt., 15c. pt., 25c. qt., \$1.25 peck, \$4.25 bush.

EARLY RED VALENTINE. Desirable for either market or family use, being early, productive, tender, and of excellent flavor. The pods are round, somewhat curled, and the seeds, when ripe, salmon speckled with purplish rose. 10c. $\frac{1}{2}$ pt., 15c. pt., 25c. qt., \$1.25 peck, \$4.25 bush.

Dwarf Horticultural. A bush variety of the well-known Horticultural Pole Bean. 10c. $\frac{1}{2}$ pt., 15c. pt., 25c. qt., \$1.25 peck, \$4.25 bush.

EXTRA EARLY REFUGEE. It is similar in every respect to the ordinary Refugee, but is nearly two weeks earlier. It is enormously prolific, and from its earliness is almost certain to produce a crop, no matter how unfavorable the season. The Extra Early Refugee is rapidly becoming the favorite sort with Southern truckers and planters as it matures equally early with the Red Valentine, and has that beautiful silvery green color in the pods that is so much desired. In quality it is unexcelled, being free from string, and meltingly tender at all stages of its growth. Our stock of this variety has been specially selected and improved, and we recommend it. 10c. $\frac{1}{2}$ pt., 20c. pt., 30c. qt., \$1.50 peck, \$5.00 bush.

EARLY MOHAWK. Very early and will stand more cold than most of the bush varieties. This variety is largely grown in the Southern States for Northern markets. The pods are from five to six inches long; the seeds, when ripe, drab with purple spots. 10c. $\frac{1}{2}$ pt., 15c. pt., 25c. qt., \$1.25 peck, \$4.25 bush.

EMPEROR WILLIAM. This is not only the largest podded of all the bush varieties, but it is also the earliest. It produces a great profusion of large, flat pods, and is worthy of a place in all private and market gardens, for in addition to these good points, it can also be used as a dry white shell bean. 10c. $\frac{1}{2}$ pt., 15c. pt., 25c. qt., \$1.25 peck, \$4.25 bush.

EARLY WARWICK. This is a variety that came under our notice three years ago, and which has proven itself to be one of the earliest, if not the earliest Green Bush Bean that we have. The pods may be said to be stringless until they reach a stage at which they are past maturity for marketing. As this Bean is so remarkably early and likewise suitable for shipping long distances, we believe it will be found to be a valuable acquisition, especially to the Southern trucker, to whom it is of the utmost importance that he get something that will come in ahead of existing sorts.

It is a heavy cropper, producing an abundance of pods which average about 5 $\frac{1}{2}$ inches in length. 15c. $\frac{1}{2}$ pt., 30c. pt., 50c. qt., \$2.25 peck, \$7.00 bush.

HENDERSON'S NEW BUSH LIMA. (See full description on page 18.) 10c. pkt., 15c. $\frac{1}{2}$ pt., 30c. pt., 50c. qt., \$3.50 peck.

DREER'S AND BURPEE'S BUSH LIMAS. (See Novelties page 19.) 10c. pkt., 35c. $\frac{1}{2}$ pt., 60c. pt., \$1.00 qt., \$7.00 peck.

We can also supply the following standard varieties of Beans, which are too well known to need description, at the uniform price of 10c. $\frac{1}{2}$ pt., 15c. pt., 25c. qt., \$1.25 peck, \$4.25 bush.:

Best of All, White Valentine, Large White Kidney,
Early China, White Marrow.

Our Prices this Season are lower than ever. Read what we say on this subject on pages 1 and 2.

Old Homestead.



OLD HOMESTEAD POLE BEAN.

"OLD HOMESTEAD."

This we regard as far ahead of any other green Pole Bean. In our trial grounds last summer it was fit for the table on August 1st, which was at least ten days earlier than any other green sort. It is enormously productive, the pods hanging in great clusters from top to bottom of the pole. It is entirely stringless, and the pods are a silvery green color, resembling the popular Refugee Bush Bean. The pods, though large, cook tender and melting, and we can recommend it as the best green Pole Bean. (See cut.) 15c. $\frac{1}{2}$ pt., 30c. pt., 50c. qt., \$3.50 pk.

POLE LIMA BEANS

SMALL LIMA OR SIEVA. A variety of the large White Lima. The pods, however, are much smaller, usually about three inches long. It is a little earlier and more hardy. The seeds also are smaller, but of the same color as the Large White Lima. 15c. $\frac{1}{2}$ pt., 25c. pt., 40c. qt., \$2.75 pk.

LARGE WHITE LIMA. With nearly every one the seeds, either green or ripe, of this variety, are considered the most tender and delicious of all the bean family, and it is therefore universally grown both for market and family use. The ripe seeds are flattish kidney shape, and have a dull white color. 15c. $\frac{1}{2}$ pt., 25c. pt., 40c. qt., \$2.75 pk.

BEANS

Pole or Running.

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

1 qt. to 150 hills; 10 to 12 qts. to the acre in drills.

These are more tender and require rather more care in culture than the Bush Beans, and should be sown two weeks later. They succeed best in sandy loam, which should be liberally enriched with short manure in the hills, which are formed, according to the variety, from three to four feet apart; from five to six 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, or, what is better still, White's Garden Trellis, described in another portion of this catalogue. They should be set in the ground at least 18 inches, so as to prevent being blown over.

Add 15c. per qt. extra if to be sent by mail.

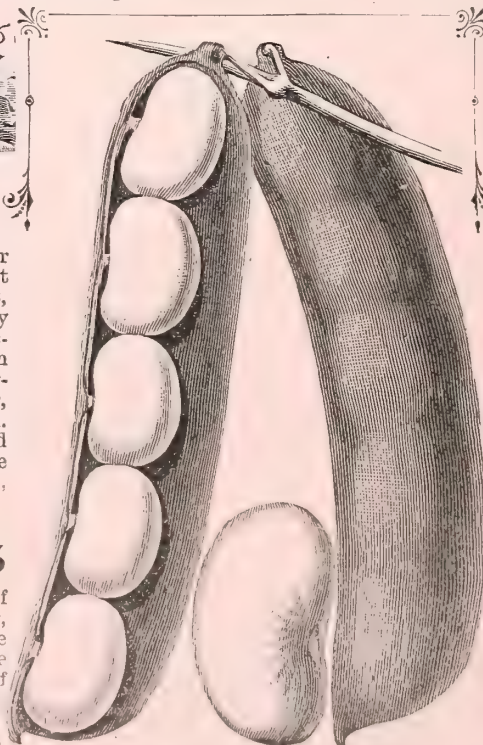
EARLY GOLDEN CLUSTER WAX. Begins to bear early in July and continues until frost. The pods are six to eight inches long, are most freely produced, and are of a beautiful golden yellow; the flavor is most delicious. Can be used either shelled or as a string bean. 15c. $\frac{1}{2}$ pt., 30c. pt., 45c. qt., \$3.00 pk.

Horticultural or Speckled Cranberry. Popular either in the green state or shelled. 10c. $\frac{1}{2}$ pt., 20c. pt., 35c. qt., \$2.00 pk.

SCARLET RUNNER. A great favorite, both ornamental and useful. Height, ten feet, presenting dazzling scarlet flowers from July to October. Used both as a string bean and shelled. Seeds, when ripe, lilac, mottled black. 15c. $\frac{1}{2}$ pt., 25c. pt., 40c. qt., \$2.25 pk.

White Dutch Runner. Similar to the preceding, excepting seeds and flower, which are white. 15c. $\frac{1}{2}$ pt., 25c. pt., 40c. qt., \$2.25 pk.

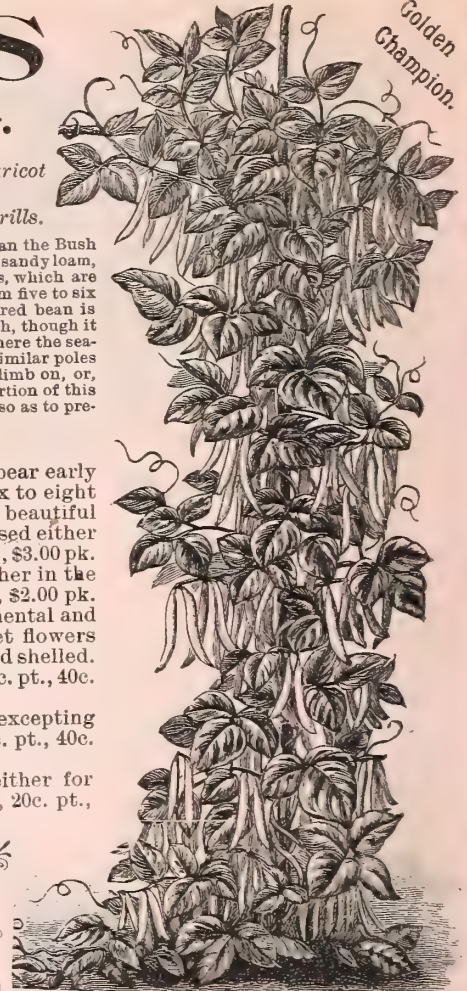
German Wax Pole. One of the best varieties either for snaps or shelled in the green state. 10c. $\frac{1}{2}$ pt., 20c. pt., 35c. qt., \$2.00 pk.



JERSEY EXTRA EARLY LIMA BEAN.

DREER'S IMPROVED LIMA. The distinctive features of this are early maturity, large yield and extra quality. The bean itself is thick and round, rather than oval-shaped, as most other Limas are. 15c. $\frac{1}{2}$ pt., 25c. pt., 35c. qt., \$2.25 pk.

Golden Champion.



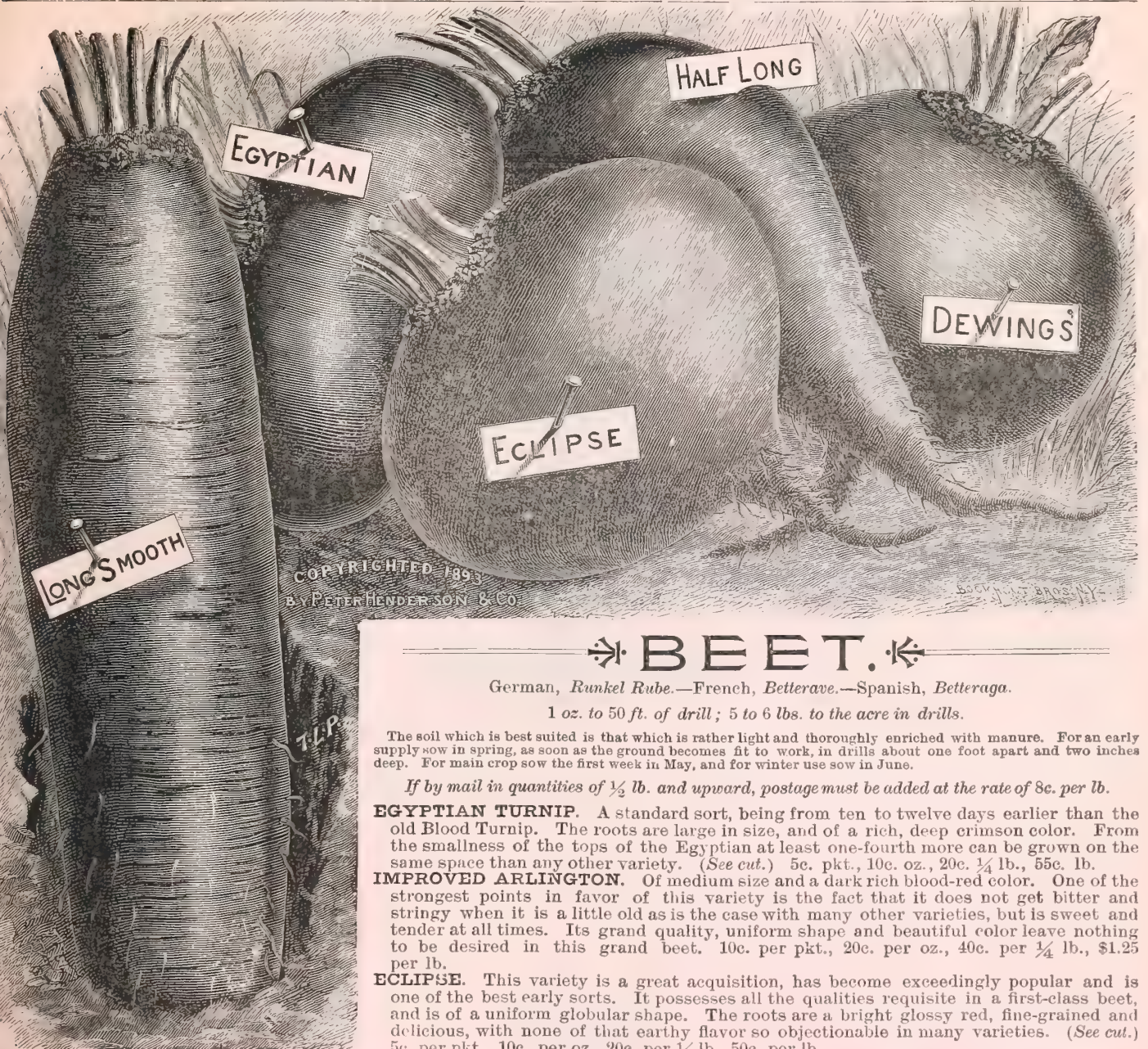
GOLDEN CHAMPION POLE BEAN.

"GOLDEN CHAMPION."

This is certain to be the leading Early Wax Pole Bean, as it is fully two weeks earlier than the Golden Cluster Wax Pole, being fit to pick on July 24th of last year. The pods are enormous, resembling the Yosemite Wax in size and form; color light yellow. They are absolutely stringless and cook tender. The Golden Champion was the only Wax Pole Bean that did not rust or spot badly in our trial grounds last summer. Every garden should contain the Golden Champion and "Old Homestead." (See cut.) 15c. $\frac{1}{2}$ pt., 30c. pt., 50c. qt., \$3.50 pk.

POLE LIMA BEANS

JERSEY EXTRA EARLY LIMA. In our experience with it from year to year, we have found it invariably ten days to two weeks earlier than any other Pole Lima. The pods of it have been large enough to pick July 24th, and have been sold in the New York markets a week later. The beans are a trifle smaller than those of the Large White Lima, but are all the better on that account, as small beans are always considered preferable, being more tender and delicious. Every one desiring a Pole Lima Bean should plant the Jersey Extra Early, as it combines, better than any other, quantity, quality and earliness. (See cut.) 15c. $\frac{1}{2}$ pt., 30c. pt., 50c. qt., \$3.50 pk.



BEET.

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

1 oz. to 50 ft. of drill; 5 to 6 lbs. to the acre in drills.

The soil which is best suited is that which is rather light and 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.

If by mail in quantities of $\frac{1}{2}$ lb. and upward, postage must be added at the rate of 8c. per lb.

EGYPTIAN TURNIP. A standard sort, being from ten to twelve days earlier than the old Blood Turnip. The roots are large in size, and of a rich, deep crimson color. From the smallness of the tops of the Egyptian at least one-fourth more can be grown on the same space than any other variety. (See cut.) 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 55c. lb.

IMPROVED ARLINGTON. Of medium size and a dark rich blood-red color. One of the strongest points in favor of this variety is the fact that it does not get bitter and stringy when it is a little old as is the case with many other varieties, but is sweet and tender at all times. Its grand quality, uniform shape and beautiful color leave nothing to be desired in this grand beet. 10c. per pkt., 20c. per oz., 40c. per $\frac{1}{4}$ lb., \$1.25 per lb.

ECLIPSE. This variety is a great acquisition, has become exceedingly popular and is one of the best early sorts. It possesses all the qualities requisite in a first-class beet, and is of a uniform globular shape. The roots are a bright glossy red, fine-grained and delicious, with none of that earthy flavor so objectionable in many varieties. (See cut.) 5c. per pkt., 10c. per oz., 20c. per $\frac{1}{4}$ lb., 50c. per lb.

REINE DES NOIRES (*Queen of Blacks*.) A unique and beautiful variety, desirable both for its table qualities and ornamental foliage. 10c. per pkt., 15c. per oz., 40c. per $\frac{1}{4}$ lb., \$1.00 per lb.

HENDERSON'S HALF LONG. The engraving well portrays the shape and general appearance of this grand table beet, but a colored sketch is really necessary to give any idea of its rich, tempting appearance. It is entirely distinct, and is the darkest blood-red color known, never producing a "pale" or light colored beet, and is of tender, sweet quality at all stages of its growth. A remarkable feature of Henderson's Half Long Beet is that it never grows large and coarse even when allowed to remain in the ground late in the fall. It comes in just after the early Turnip varieties, and is also one of the best keeping winter beets we have ever tried. (See cut.) 10c. per pkt., 20c. per oz., 40c. per $\frac{1}{4}$ lb., \$1.25 per lb.

BEET. Sugar and Mangel. See Farm Seed Department, page 58.

We can also supply the following standard varieties of Beet, which are too well known to need description, at the uniform price of 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 55c. lb.

Lentz,	Early Yellow Turnip,
Bastian's Blood Turnip,	Early Flat Bassano,
Brazilian Variegated.	

EARLY BLOOD TURNIP. A well-known standard early variety, following the above in earliness; it is of a rich, deep blood-red color, and of excellent quality. 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 45c. lb.

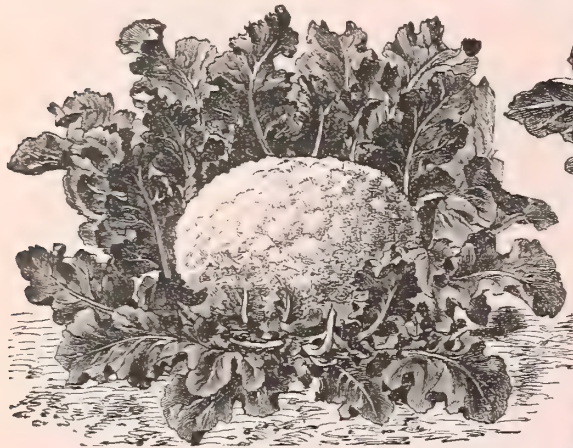
EDMANDS. While not strictly a first early beet it follows very closely and is the most uniform of all Turnip Beets, with very small tops and short foliage of a rich red. The roots are handsome and round, very smooth; of good marketable size, and for table use no variety can excel it in fine quality. The skin is deep blood-red; the flesh also is dark red and exceedingly sweet and tender. 5c. per pkt., 10c. per oz., 20c. per $\frac{1}{4}$ lb., 60c. per lb.

DEWING'S IMPROVED BLOOD TURNIP. An improved variety of the Early Blood Turnip, of deep blood-red color, fine form and flavor; an excellent market sort. (See cut.) 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 50c. lb.

LONG SMOOTH BLOOD-RED. An excellent late variety; a great improvement on the common Long Blood. (See cut.) 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 45c. lb.

SWISS CHARD, SILVER OR SEA-KALE BEET. This variety is grown for its leaves only; the middle of the leaf is cooked and served like Asparagus; the other portions of the leaf are used like Spinach. It is grown largely in many European countries, considered there indispensable, and should have more extended culture here. 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 60c. lb.

Our Prices this Season are lower than ever. Read what we say on this subject on pages 1 and 2.



WHITE CAPE BROCCOLI.

BROCCOLI.

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

Cultivation same as Cauliflower.

If by mail in quantities of $\frac{1}{2}$ lb. and upward, postage must be added at the rate of 8c. per lb.

WHITE CAPE. Heads medium size, close, compact, of creamy white color, one of the most certain to head. (See cut.) 15c. pkt., 60c. oz., \$2.00 $\frac{1}{4}$ lb.

PURPLE CAPE. Differs from the preceding only in color. 10c. pkt., 40c. oz., \$1.25 $\frac{1}{4}$ lb.

WALCHEREN. A valuable sort, with large, firm heads. 15c. pkt., 60c. oz., \$2.00 $\frac{1}{4}$ lb.

BRUSSELS SPROUTS.

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

Cultivation same as Cabbage.

If by mail in quantities of $\frac{1}{2}$ lb. and upward, postage must be added at the rate of 8c. per lb.

TALL FRENCH. Very fine. 5c. pkt., 20c. oz., 70c. $\frac{1}{4}$ lb., \$2.50 lb.

DWARF IMPROVED. A variety producing compact sprouts of excellent quality. 10c. pkt., 25c. oz., 80c. $\frac{1}{4}$ lb., \$3.00 lb.

DALKEITH. It is astonishing how much more extensively Brussels Sprouts are grown and used in recent years than in the past. Amateurs are finding out that this delicious vegetable can be as easily grown as cabbage. This variety is a great improvement on the old tall-growing sort; it is much more dwarf and compact, and produces "sprouts" of larger size. (See cut.) Price, 10c. per pkt., 25c. per oz., 80c. per $\frac{1}{4}$ lb.

COLLARDS, True Georgia.

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

Sow for succession from June to August, and treat as Cabbage.

If by mail in quantities of $\frac{1}{2}$ lb. and upward, postage must be added at the rate of 8c. per lb. 5c. pkt., 15c. oz., 35c. $\frac{1}{4}$ lb., \$1.10 lb.



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BY PETER HENDERSON & CO.

NEW DWARF BRUSSELS SPROUTS, "DALKEITH."

CHERVIL.

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

If by mail in quantities of $\frac{1}{2}$ lb. and upward, postage must be added at the rate of 8c. per lb.

Curled. An aromatic herb. The young leaves are used in soups and salads. Sow thinly in May, in drills half an inch deep, one foot apart. (See cut.) 5c. pkt., 20c. oz., 60c. $\frac{1}{4}$ lb., \$2.00 lb.

Tuberous Rooted. Sow in March or April; after treatment, same as Carrot. 10c. pkt., 30c. oz., \$1.00 $\frac{1}{4}$ lb.



CARDOON, LARGE SPANISH.



CELERIAC, LARGE SMOOTH PRAGUE.

CELERIAC.

(Turnip-Rooted Celery.)

Produces turnip-shaped roots, which may be cooked and sliced and used with vinegar, making a most excellent salad.

French, *Céleri-rave*.—German, *Knob-Seleri*.

If by mail in quantities of $\frac{1}{2}$ lb. and upward, postage must be added at the rate of 8c. per lb.

ERFURT GIANT. We have found this to be a great improvement on the older varieties of Celeriac, for while of equally good flavor, it attains a larger size. 10c. pkt., 30c. oz., \$1.00 $\frac{1}{4}$ lb.

LARGE SMOOTH PRAGUE. The best yet introduced. (See cut.) 5c. pkt., 30c. oz., \$1.00 $\frac{1}{4}$ lb.

APPLE-SHAPED. A good variety, with small foliage and large, smooth, round tubers. 5c. pkt., 25c. oz., 75c. $\frac{1}{4}$ lb.

PARIS MARKET. A most distinct and valuable variety, with tops of half the usual size, which enables it to be planted very close together. The roots are of good size, round and smooth. It is at least ten days earlier than any other variety, which will commend it particularly to market gardeners. 10c. per pkt.

CARDOON.

LARGE SPANISH. (See cut.) 10c. pkt., 40c. oz., \$1.25 $\frac{1}{4}$ lb., \$4.00 lb.

**CORN SALAD,
OR FETTICUS.**

German, *Lammersalat*.—French, *Mache*.—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.

If by mail in quantities of $\frac{1}{2}$ lb. and upward, postage must be added at the rate of 8c. per lb.

LARGE LEAVED. (See cut.) 5c. pkt., 10c. oz., 25c. $\frac{1}{4}$ lb., 80c. lb.



CHERVIL, CURLED OR DOUBLE.



CORN SALAD, LARGE LEAVED.

Our Prices this Season are lower than ever. Read what we say on this subject on pages 1 and 2.

CAULIFLOWER.

German, *Blumen-Kohl*.—French, *Choufleur*.—Spanish, *Coliflor*. 1 oz. for 1,000 plants.

Any soil that will grow Cabbage will grow Cauliflower; 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. If properly hardened off they are seldom injured by planting out too early. For second early and late crop sow at the 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 the new edition of "Gardening for Profit."

If by mail in quantities of $\frac{1}{2}$ lb. and upward, postage must be added at the rate of 8 cts. per lb.



Henderson's Early Snowball Cauliflower.

THE EARLIEST. THE SUREST HEADER. THE MOST PROFITABLE.

THE BEST VARIETY FOR EITHER MARKET OR FAMILY GARDENS.

SNOWBALL CAULIFLOWER.—It is hardly necessary for us to describe this variety at all, as its name has now become a household word wherever this delicious vegetable is grown. **SNOWBALL CAULIFLOWER** is the *standard everywhere for quality* with the *seedsmen*, the *market gardener*, and the *amateur*. While originally recommended and used as an early variety, it has not only supplanted all other sorts for early spring planting, but it is rapidly driving out the large late sorts for fall use, being much finer in quality, and the only Cauliflower that is absolutely certain to head when the conditions are right.

WHETHER intended for private use or to be grown for market, *Henderson's Early Snowball Cauliflower* is superior to all others. *First*, because it is the *earliest of all Cauliflowers*, as has been conclusively shown season after season, since we first made its merits known; *second*, because under the conditions of an ordinarily favorable season, nearly every plant will form a perfect snow-white head, averaging nine inches in diameter; *third*, for the reason that its close-growing, compact

habit enables one-third more to be planted on the same space of ground than can be done with any other variety. For forcing under glass during winter and spring, this *Early Snowball* variety is peculiarly well adapted, from its dwarf growth and short outer leaves, and for this purpose no other Cauliflower is now so largely grown. It also does equally well for late planting. (See cut.) 25c. pkt., \$4.00 oz., \$14.00 $\frac{1}{4}$ lb.

EXTRA EARLY DWARF ERFURT. Until the introduction of our Early Snowball this was considered the best early variety. It is fine for forcing and equally valuable in the open ground. The plants are dwarf and compact and seldom fail to form a good-sized head. 20c. pkt., \$3.50 oz., \$12.00 $\frac{1}{4}$ lb.

VEITCH'S AUTUMN GIANT. A large sort that succeeds well in the Southern States. 5c. pkt., 60c. oz., \$1.75 $\frac{1}{4}$ lb.

EXTRA EARLY PARIS. The leaves being large, it is not so desirable for forcing, but is valuable for outdoor culture. 5c. pkt., 75c. oz., \$2.50 $\frac{1}{4}$ lb.

LARGE LATE ALGIERS. This is one of the best late varieties. It is largely grown for fall use, never failing to produce large, fine heads. Very popular with market gardeners and canners. 10c. pkt., 75c. oz., \$2.50 $\frac{1}{4}$ lb.

We can also supply the following standard varieties, which are too well-known to need description, at the uniform price of 5c. pkt., 60c. oz., \$2.00 $\frac{1}{4}$ lb.:

Half Early Paris or Nonpareil,

Early London,

Lenormand's Short Stemmed.

For Cauliflower Plants, see page 147.

— CABBAGE. —

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

1 oz. will produce 1,500 plants; $\frac{1}{2}$ lb. of seed in beds to transplant for an acre.

Of the early varieties of Cabbage, in latitudes where the thermometer never indicates 20 degrees below the freezing point, seed may be sown in the open border in October and transplanted on the first opening of spring; but in our Northern States they must either be sown in hot-beds in February, or 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 the new edition of our book, "Gardening for Profit."

FIRST EARLY CABBAGES.

HENDERSON'S SELECTED EARLY JERSEY WAKEFIELD.

Original Stock.

The merits and characteristics of the **Early Jersey Wakefield Cabbage** are now so well known as to hardly need repeating here; still, as our catalogue annually falls into the hands of thousands who have not before seen it, we may state that it is universally considered the best early Cabbage in cultivation. Among its merits may be mentioned its large size of head for an early sort, small outside foliage, and its uniformity in producing a crop. The heads are pyramidal in shape, having a blunted or rounded peak. This variety was first brought into general notice by the late Mr. Peter Henderson, in his book,

"Gardening for Profit," when it was first published twenty-five years ago. 5c. pkt., 30c. oz., \$1.00 $\frac{1}{4}$ lb., \$3.00 lb.

EXPRESS. Five years' trials of this superior

Cabbage have proved it to be the earliest in cultivation, and in this class cannot be excelled. While not so large as Jersey Wakefield, it is four or five days earlier. The heads are uniform in size and shape, exceedingly solid and firm, and of a fine, mild flavor. Though the heads are small, large crops may be obtained, for they have but few outside leaves and may therefore be planted very close. (See cut.) 5c. pkt., 20c. oz., 60c. $\frac{1}{4}$ lb., \$2.00 lb.



HENDERSON'S CHARLESTON WAKEFIELD.

THE CHARLESTON, or Large Type of Wakefield.

THE LARGEST AND BEST "FIRST EARLY" CABBAGE.

For some years past customers have requested us to procure for them, if possible, a Cabbage which had all the characteristics of the Early Jersey Wakefield, but of a greater size. With this in view, we carefully selected from one of our best stocks of Wakefield a larger type, which is now so fixed in its character that we can offer it with confidence to those desiring a Cabbage of this kind. This selection will average about 50 per cent. larger in size than the old type of Wakefield, and is only two or three days later. (Stock limited.) (See cut.) 10c. pkt., 50c. oz., \$1.50 $\frac{1}{4}$ lb., \$5.00 lb.



EXPRESS.

SECOND EARLY CABBAGES.

HENDERSON'S EARLY SUMMER. 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 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 introduction. This variety 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*. (See cut.) 5c. pkt., 25c. oz., 80c. $\frac{1}{4}$ lb., \$3.00 lb.

HENDERSON'S SUCCESSION. (See illustration, page 12, and see full description, page 13.) 10c. pkt., 40c. oz., \$1.25 $\frac{1}{4}$ lb., \$4.00 lb.

EARLY WINNINGSTADT. A variety coming in about three weeks later than the early varieties. 5c. pkt., 25c. oz., 75c. $\frac{1}{4}$ lb., \$2.50 lb.

FOTTLER'S IMPROVED BRUNSWICK. One of the very best. Heads large, flat, solid and of good quality. Stem remarkably short, a sure header, and will stand long without cracking. 5c. pkt., 20c. oz., 60c. $\frac{1}{4}$ lb., \$2.25 lb.

ST. JOHN'S DAY EARLY DRUMHEAD. An early variety, very dwarf, with medium-sized hard heads; about as early as the Winningstadt. 5c. pkt., 20c. oz., 60c. $\frac{1}{4}$ lb., \$2.00 lb.



HENDERSON'S EARLY SUMMER.

Our Prices this Season are lower than ever. Read what we say on this subject on pages 1 and 2.

CABBAGE—Continued.

Late or Winter Cabbages.

HENDERSON'S SELECTED LATE FLAT DUTCH.

This will be found one of the most satisfactory stocks of late Cabbage. We have for years been selecting and improving this old favorite, and for this purpose we have, each year, carefully selected the largest and best heads, and now we consider it superior to any other strain of this deservedly popular Cabbage. (See cut.) Price, 5c. pkt., 20c. oz., 70c. $\frac{1}{4}$ lb., \$2.50 lb.

PREMIUM FLAT DUTCH. An excellent standard late variety, developing rather earlier in the fall than most late sorts, and for that reason not quite so well adapted for winter use. It is largely grown as an early fall sort; is very tender, and of superior flavor. 5c. pkt., 20c. oz., 60c. $\frac{1}{4}$ lb., \$2.00 lb.

HENDERSON'S AUTUMN KING. We would say without hesitation that it is the finest late Cabbage in this country to-day, occupying the same position among late Cabbages that the Jersey Wakefield and Succession do in their respective classes. The **AUTUMN KING** is an entirely distinct variety, and the best keeper we have ever seen; it produces enormous, solid heads of that dark shade of green that is most desirable in a Cabbage, and has such small outer leaves that it can be planted much closer together than the ordinary late sorts, and can be relied upon to produce a greater weight of crop per acre than any other variety, from the fact of its producing so few outer leaves and going all to head. A distinctive feature of the **AUTUMN KING** is the peculiarly crimped leaves, which not only add to its appearance, but enable it to be distinguished anywhere. We are sorry to find that some other seedsmen are offering this same stock of Cabbage under the name of "World Beater." In our Trial Grounds last season, we had samples of the **AUTUMN KING** and the "World Beater" side by side, and they proved to be identical. As we sent the **AUTUMN KING** out four years ago and the "World Beater" was only offered last year, we claim the credit of the introduction of this, the grandest of all winter Cabbages. The engraving gives a good idea of its appearance. (See large cut and testimonials on page 17.) 10c. pkt., 40c. oz., \$1.25 $\frac{1}{4}$ lb., \$4.00 lb.



HENDERSON'S SELECTED FLAT DUTCH CABBAGE.

RED CABBAGE.

RED WINNINGSTADT. (See *Novelties*, page 14.) 20c. pkt., 6 pkts. for \$1.00.

RED DUTCH. Used almost exclusively for pickling. It is one of the hardiest of all Cabbages, and when preserved as directed in "Gardening for Profit" will keep later in the season than any of them. It is slow to mature, however, and requires a richer soil for its perfect development. 5c. pkt., 25c. oz., 75c. $\frac{1}{4}$ lb., \$2.50 lb.

EARLY BLOOD-RED ERFURT. Earlier than the preceding. Valuable for pickling. 5c. pkt., 25c. oz., 75c. $\frac{1}{4}$ lb., \$2.50 lb.

MAMMOTH ROCK RED. The Mammoth Rock Red is a large-growing and selected strain of late Red Cabbage. The heads will average 12 lbs. each. (See cut.) 10c. pkt., 40c. oz., \$1.25 $\frac{1}{4}$ lb., \$4.00 lb.



MAMMOTH ROCK RED CABBAGE.

Savoy Cabbage.

We desire to call special attention to this class, all of the varieties enumerated below being of much finer flavor and quality than the best of other Cabbages. They are particularly adapted for private use, where quality rather than quantity is desired. Grown in fall and allowed to be touched by frost, it is one of the most delicious of all vegetables.

NETTED SAVOY. This is the finest of the Savoy class, and a general favorite. Heads large, very solid and compact, of a yellowish green color, and, like all other of the Savoy varieties, is of excellent flavor, far surpassing that of any other late Cabbage. 5 cts. pkt., 25 cts. oz., 75 cts. $\frac{1}{4}$ lb., \$2.50 lb.

MIDSUMMER SAVOY. Very distinct, being but little later than the Dwarf Elm Savoy, and producing heads of double the size; beautifully netted, and of a delicate light green. 5c. pkt., 20c. oz., 60c. $\frac{1}{4}$ lb., \$2.00 lb.

Early Dwarf Elm Savoy. A very early and superior dwarf variety of fine flavor. 5c. pkt., 20c. oz., 60c. $\frac{1}{4}$ lb., \$2.00 lb.

AMERICAN DRUMHEAD SAVOY. The largest heading Savoy; of excellent flavor. (See cut.) 5c. pkt., 25c. oz., 75c. $\frac{1}{4}$ lb., \$2.50 lb.

We can also supply the following standard varieties of Cabbage, which are too well known to need description, at the uniform price of 5c. pkt., 20c. oz., 60c. $\frac{1}{4}$ lb., \$2.00 lb.

Early French Oxheart.

Large Early York.

Early York.



AMERICAN DRUMHEAD SAVOY CABBAGE.

For Cabbage Plants, see page 147.

CARROT.

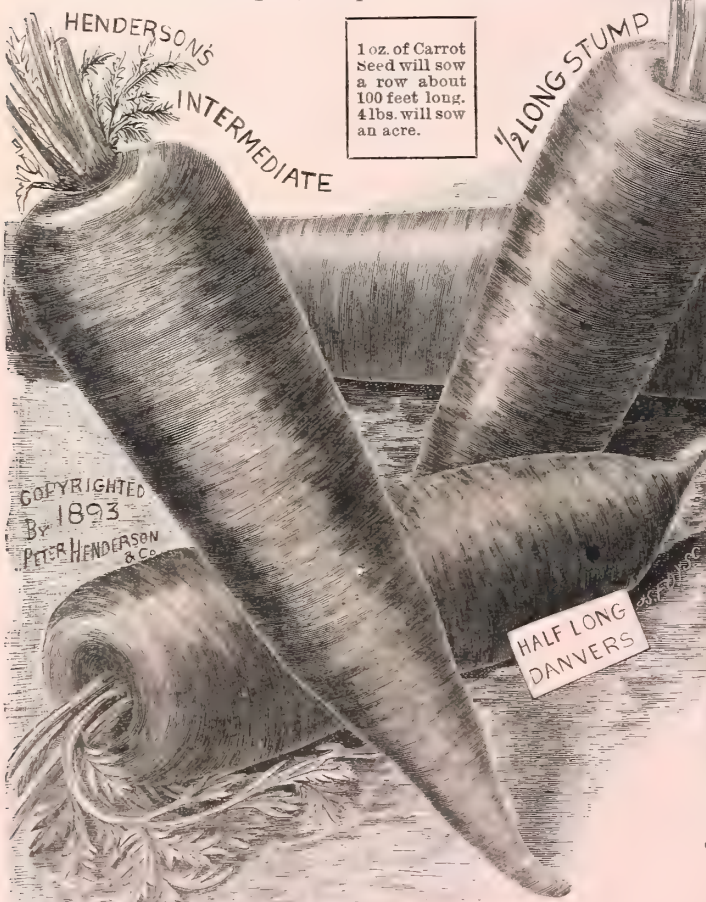
German, *Möhre*.—French, *Carotte*.—Spanish, *Zanahoria*.

The Carrot, like other root crops, delights in a sandy loam, richly tilled. For early crops 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 15 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 by the Horse Cultivator. As carrot seed is slow to germinate, all precautions must be taken.

If by mail in quantities of $\frac{1}{2}$ lb. and upward, postage must be added at the rate of 8c. per lb.

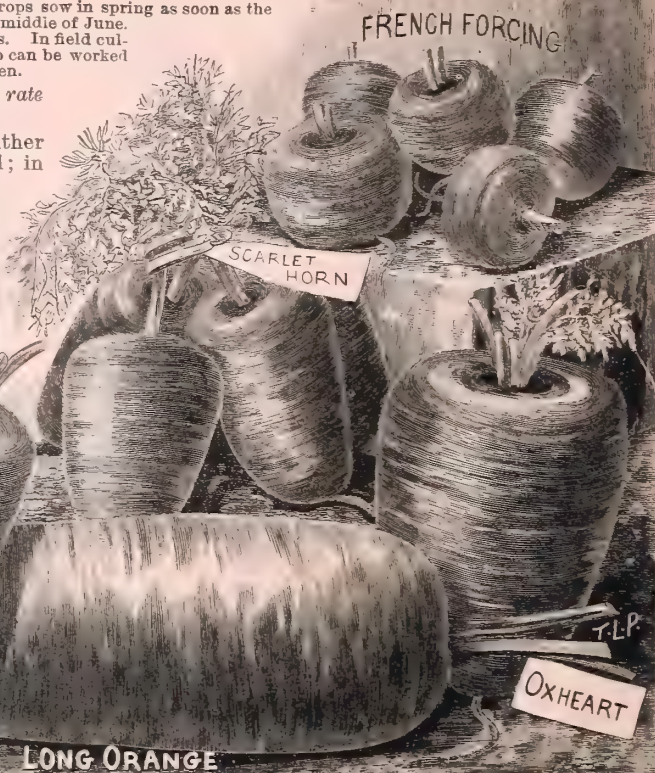
HENDERSON'S INTERMEDIATE. A most excellent variety for either field or garden culture, large, symmetrical roots of a deep orange red; in size between the Half Long and Long Orange varieties. They are smooth and straight, and free from roughness. The tops are small, considering the size of the roots. (See cut.) 10c. per pkt., 20c. per oz., 40c. per $\frac{1}{4}$ lb., \$1.25 per lb.

CHANTENAY HALF LONG SCARLET. A stump-rooted variety, somewhat resembling the well-known Nantes Carrot, but having a larger shoulder and being much more productive. 5c. per pkt., 10c. per oz., 25c. per $\frac{1}{4}$ lb., 90c. per lb.



LONG ORANGE IMPROVED. One of the most desirable for either garden or field culture. It grows to a large size, fair specimens averaging twelve inches in length, and three inches diameter at the top. All who have cattle should raise a surplus of this carrot for feeding milch cows during winter. It increases the flow of milk and imparts to the butter a delicious flavor and a rich golden color. (See cut.) 5c. pkt., 15c. oz., 40c. $\frac{1}{4}$ lb., \$1.00 lb.

DANVERS. A handsome cylindrical-shaped Carrot of good size and stump-rooted. It is of a rich dark orange color, grows to a large size, is smooth and the flesh very close in texture, with little core. It is a first-class carrot for all soils, and it is claimed that under good cultivation it will yield the greatest weight per acre with the smallest length of root of any now grown. (See cut.) 5c. pkt., 10c. oz., 25c. $\frac{1}{4}$ lb., 80c. lb.



OXHEART OR GUERANDE. A French variety of recent introduction and a decided acquisition. It is intermediate between Half Long and Horn varieties and perfectly distinct. The shape is nearly oval and the color and quality all that can be desired. (See cut.) 5c. pkt., 10c. oz., 25c. $\frac{1}{4}$ lb., 90c. lb.

EARLY FRENCH FORCING. The earliest variety and one largely grown for forcing purposes. It makes a small, almost globe-shaped root of an orange-red color. (See cut.) 5c. pkt., 15c. oz., 40c. $\frac{1}{4}$ lb., \$1.25 lb.

EARLY SCARLET HORN. Favorite for early crop, but not large. Sold largely in New York markets bunched. It matures 8 to 10 days earlier than the Long Orange, and is sometimes used for forcing. (See cut.) 5c. pkt., 10c. oz., 30c. $\frac{1}{4}$ lb., \$1.00 lb.

EARLY HALF LONG SCARLET CARENTAN. The skin is smooth, flesh red, and without any core or heart. It is excellent for forcing, and for fine quality and perfect shape can hardly be surpassed. 5c. pkt., 10c. oz., 30c. $\frac{1}{4}$ lb., 90c. lb.

HALF LONG RED. (Stump-rooted.) In size and time of maturity it is between the Early Scarlet Horn and the Long Orange. (See cut.) 5c. pkt., 10c. oz., 30c. $\frac{1}{4}$ lb., 90c. lb.

EARLY HALF LONG SCARLET. (Pointed-rooted.) Differing from the preceding variety only in having a pointed instead of a stump or blunted root. 5c. pkt., 10c. oz., 30c. $\frac{1}{4}$ lb., 90c. lb.

LARGE WHITE BELGIAN. The lower part of the root is white; that growing and exposed above ground, green. It is exclusively grown for stock. 5c. pkt., 10c. oz., 25c. $\frac{1}{4}$ lb., 60c. lb.

YELLOW BELGIAN. When young, the roots are mild and delicate; and when full grown, valuable for stock. 5c. pkt., 10c. oz., 25c. $\frac{1}{4}$ lb., 60c. lb.

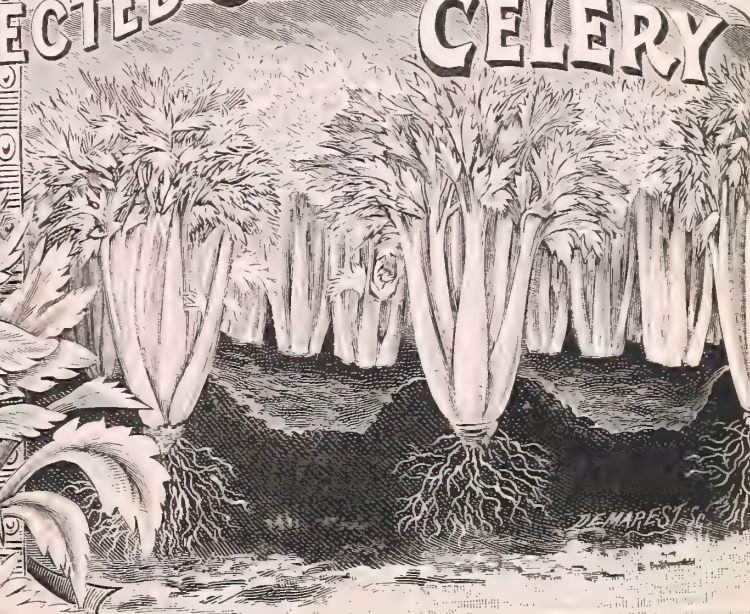
CELERY CULTURE.

German, *Seleri*.—French, *Celeri*.—Spanish, *Apis*.
1 oz. for 2,000 plants.

Sow in the open ground as soon as it is fit to work in April. In June and July, plant in rows 3 feet apart for the dwarf varieties, and 4 to 5 feet for the larger sorts, and set 6 inches apart in rows. About the middle of August we begin the "earthing up" necessary for the blanching. For further details on Celery culture please refer to the new edition of Peter Henderson's book, "Gardening for Profit."

Our Prices this Season are lower than ever. Read what we say on this subject on pages 1 and 2.

HENDERSON'S PERFECTED WHITE PLUME CELERY



CELESTERY.

If by mail in quantities of 1/2 lb. and upward, postage must be added at the rate of 8 cts. per lb. For cultural directions, see bottom of page 32.

HENDERSON'S PERFECTED WHITE PLUME.

The Only True Self-Blanching Celery.

Introduced by us years ago; time has proved it to be one of our most valuable contributions to horticulture. It is now more popular and more largely grown than all other varieties of celery combined. People who never grew celery before have no more trouble in growing and blanching Henderson's White Plume Celery ready for the table than in growing ordinary garden vegetables, for no "banking up" is necessary. The peculiarity of this variety is that the stalk, portions of inner leaves and heart are white, naturally, so that by simply tying the plant together, or by drawing the soil against it, pressing it with the hands and then repeating the operation to hold the soil already placed against the plant in position, the work of blanching is completed. Henderson's White Plume Celery presents a highly ornamental appearance on the dinner table, and its crisp, succulent stalks and delicious nutty flavor is unequaled by any vegetable grown. Unfortunately the variety has always had a tendency to revert to the old green type, and it has always produced a proportion of green plants, but persevering selection for years enables us now to offer an almost absolutely pure stock, so superior that we feel justified in calling it "Henderson's Perfected White Plume." (See cut.)

Price, 5c. per pkt., 30c. per oz., \$1.00 per 1/4 lb., \$2.75 per lb.
GIANT PASCAL. Is of a fine nutty flavor, being entirely free from any bitter taste. It grows about two feet high; the stalks are very broad, thick and crisp, and entirely stringless. 10c. pkt., 35c. oz., \$1.00 1/4 lb., \$3.50 lb.

GOLDEN SELF-BLANCHING. A most valuable variety which partakes somewhat of the character of the celebrated "White Plume." inasmuch as it simply needs a slight earthing up or "handling." It is of a beautiful waxy golden color, very solid and of a rich nutty flavor. 10c. pkt., 40c. oz., \$1.25 1/4 lb., \$4.00 lb.

GOLDEN DWARF. In the great Celery-growing districts this variety is planted to the exclusion of almost all others. When blanched the heart is of a waxy golden yellow, rendering it a most attractive and showy variety; entirely solid, of excellent flavor, and one of the best keepers during winter. 5c. pkt., 25c. oz., 75c. 1/4 lb., \$2.50 lb.

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 & CO.

HENDERSON'S HALF DWARF. Entirely solid, flavor rich, growth vigorous, surpassing most of the large-growing sorts in weight of bunch. 5c. pkt., 20c. oz., 60c. 1/4 lb., \$2.00 lb.

HENDERSON'S NEW ROSE. Without doubt the finest of its class. The color is a beautiful shade of rose, of exceptionally fine flavor, solid, crisp and entirely free from stringiness. A splendid variety for late use, keeping well. 5c. pkt., 30c. oz., \$1.00 1/4 lb., \$3.50 lb.

Soup Celery. (Old Seed.) Excellent for flavoring. 30c. lb.

We can also supply the following standard varieties of Celery, at the uniform price of 5c. pkt., 25c. oz., 75c. 1/4 lb., \$2.50 lb.:
 Boston Market. Henderson's Dwarf White. Giant White Solid. London Red. Sandringham Dwarf White.

FOR CELERY PLANTS, SEE PAGE 147.

CORN, Sugar.

German, *Welchkorn*.—French, *Mais*.—Spanish, *Maiz*. 1 qt. for 200 hills; 8 to 10 qts. in hills for an acre.

All varieties of Sweet or Sugar Corn may be either sown in rows four and one-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.

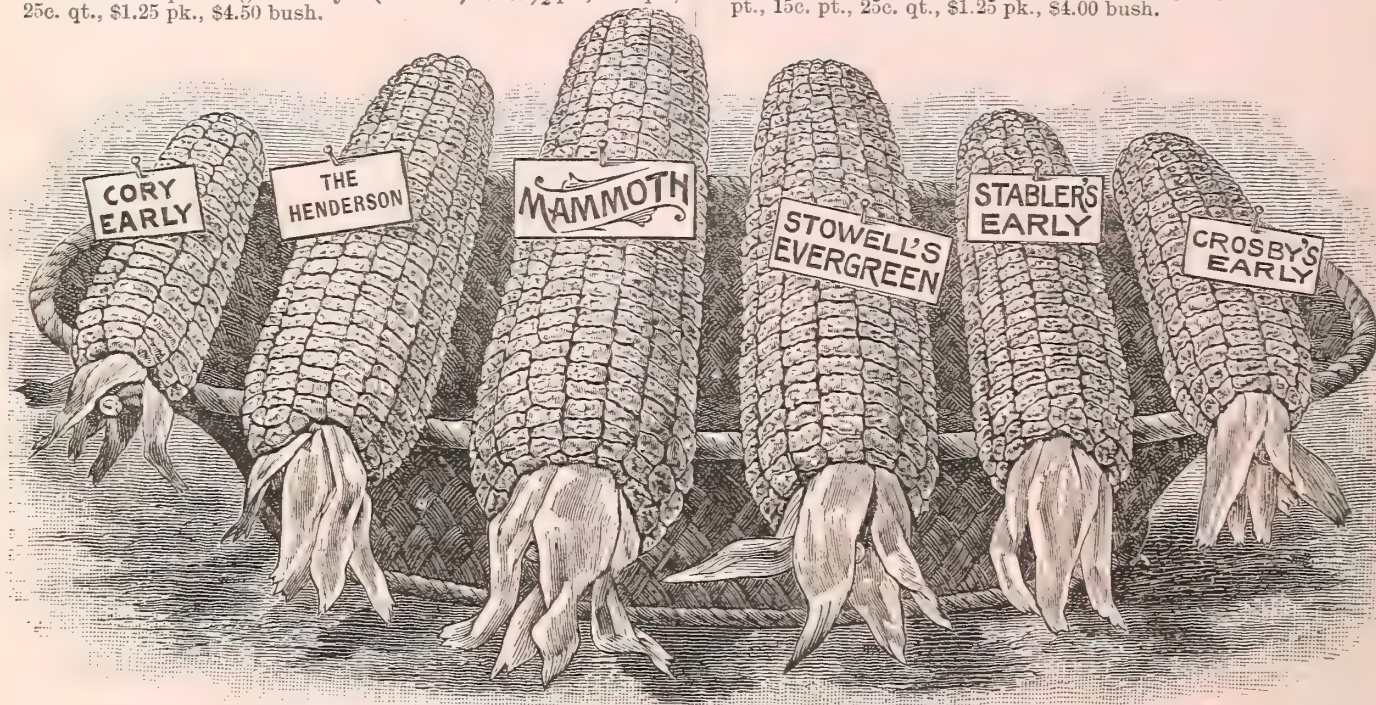
Add 10 cents per quart extra if to be sent by mail.

EARLY VARIETIES.

CORY EARLY. The Cory is undoubtedly the earliest of all and the very best extra early Sweet Corn. We have proved it to be five days earlier than the Marblehead, which hitherto has always taken the lead. Those desiring a first early variety can make no mistake in planting the Cory. (See cut.) 10c. $\frac{1}{2}$ pt., 15c. pt., 25c. qt., \$1.25 pk., \$4.50 bush.

EARLY MINNESOTA. Very early and desirable alike in the market or family garden. Height not over $4\frac{1}{2}$ feet; ears of fair size and good quality. 10c. $\frac{1}{2}$ pt., 15c. pt., 25c. qt., \$1.25 pk., \$4.00 bush.

CROSBY'S EARLY. Early and a great favorite. Rather small ears, but productive and of excellent quality. (See cut.) 10c. $\frac{1}{2}$ pt., 15c. pt., 25c. qt., \$1.25 pk., \$4.00 bush.



MEDIUM EARLY VARIETIES.

THE "COUNTRY GENTLEMAN." (See *Novelties*, page 20.) 15c. $\frac{1}{2}$ pt., 25c. pt., 40c. qt., \$2.50 pk.

NE PLUS ULTRA. Very sweet and tender. The ears are short, but the cobs are very small, and the kernels of extraordinary depth, pearly whiteness, and are irregularly crowded together on the cob. 10c. $\frac{1}{2}$ pt., 20c. pt., 30c. qt., \$1.50 pk.

STABLER'S EARLY. A valuable second early corn, remarkably large for so early a ripener, closely following the well-known Marblehead. Yields an abundant crop, is desirable for family use and one of the most profitable for market or canning. (See cut.) 10c. $\frac{1}{2}$ pt., 15c. pt., 25c. qt., \$1.25 pk., \$4.00 bush.

ROSLYN HYBRID. Is a very large-growing sort, which ripens ten or twelve days later than *Stabler's Early*, and the quality of which is said to be finer than *Stowell's Evergreen*. 10c. $\frac{1}{2}$ pt., 15c. pt., 25c. qt., \$1.25 pk., \$4.00 bush.

Moore's Early Concord. Ears large and well filled; early and unsurpassed for richness and delicacy of flavor. 10c. $\frac{1}{2}$ pt., 15c. pt., 25c. qt., \$1.25 pk., \$4.00 bush.

PERRY'S HYBRID. An early twelve-rowed variety, growing only four to five feet high, with ears set very low on the stalk. Kernels white, large, sweet and very tender. 10c. $\frac{1}{2}$ pt., 15c. pt., 25c. qt., \$1.25 pk., \$4.00 bush.

SQUANTUM. One of the sweetest varieties, and is largely used for market and canning. It is a general favorite and is wonderfully productive. The Squantum is the variety used almost exclusively at the famous R. I. clambakes, which is sufficient evidence of its quality. 10c. $\frac{1}{2}$ pt., 15c. pt., 25c. qt., \$1.25 pk., \$4.00 bu.

LATE or MAIN CROP VARIETIES.

HENDERSON'S NEW RED COB EVERGREEN. This variety is a sport from *Stowell's Evergreen*. It is a week or ten days earlier than that variety, and produces three or four ears to a stalk. The ears are set low on the stalks, are very thick and regular in size, and are 16-rowed, very deep and of delicious quality. 10c. $\frac{1}{2}$ pt., 20c. pt., 30c. qt., \$1.50 pk.

THE "HENDERSON." In the green condition when ready for the table it is always pure white, and of a remarkably sweet and rich flavor. The Henderson ripens about ten days earlier than *Stowell's Evergreen*. It is one of the most valuable sorts for canning purposes or for market. (See cut.) 10c. $\frac{1}{2}$ pt., 15c. pt., 25c. qt., \$1.25 pk., \$4.50 bush.

EGYPTIAN. Ears of large size; the flavor peculiarly rich and sweet. It is grown in large quantities for both canning and for selling in the green state. Like all other large varieties, it matures late. 10c. $\frac{1}{2}$ pt., 15c. pt., 25c. qt., \$1.25 pk., \$4.00 bush.

MAMMOTH. A late variety, producing ears of very large size and fine flavor. It is unusually productive. (See cut.) 10c. $\frac{1}{2}$ pt., 15c. pt., 25c. qt., \$1.25 pk., \$4.00 bush.

STOWELL'S EVERGREEN. Now recognized everywhere as a standard variety, both for home use and market, and is the general favorite. The ears are of a large size, grains deep, exceptionally tender and sugary, and has the advantage of remaining longer in the green state than any other. Our stock has been carefully grown and selected to avoid the tendency to a shorter grain and deterioration in the evergreen character of this best of all late sorts. (See cut.) 10c. $\frac{1}{2}$ pt., 15c. pt., 25c. qt., \$1.25 pk., \$4.00 bush.

We can also supply the following standard varieties of Corn, which are too well known to need description, at the uniform price of 10c. $\frac{1}{2}$ pt., 15c. pt., 25c. qt., \$1.25 pk., \$4.00 bush.: **Early Adams**, or **Burlington**, **Extra Early Tom Thumb**, **Early Marblehead**, **Shaker's Early**, **Old Colony**, **Black Mexican**, **Large Early Eight-Rowed**, **Hickox Improved**, **Triumph**.

CUCUMBER.

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

1 oz. for 50 hills; 2 to 3 lbs. in hills for an acre.

Cucumbers succeed best in warm, rich, sandy loam. 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 passed, 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 ½ lb. and upward, postage must be added at the rate of 8c. per lb.

COOL AND CRISP. 15c. pkt., 8 pkts. \$1.00. (See *Novelties*, page 14.)

JAPANESE CLIMBING. 15c. pkt., 8 pkts. \$1.00. (See *Novelties*, page 14.)

WHITE PERFECTION. A most distinct and valuable variety. It is of a pure waxen white from the time the fruit is first set until it has matured. It is very prolific and likely to be valuable both for forcing and garden cultivation. (See *cut No. 4*.) 15c. pkt., 50c. oz., \$1.50 ¼ lb.

EXTRA EARLY GREEN PROLIFIC. Shape and yield same as a good stock of Green Prolific Cucumber, but from *ten days to two weeks earlier*. Those who wish an early strain of the Green Prolific, or those who grow exclusively for pickling purposes, will find in this something that they have long desired. (See *cut No. 5*.) 5c. pkt., 10c. oz., 30c. ¼ lb., 90c. lb.

IMPROVED EARLY WHITE SPINE. One of the most popular varieties both for marketing and table use. Vines vigorous, fruiting early and abundantly, fruit uniformly straight and handsome, light green with a few white spines, flesh crisp and of fine flavor. Largely grown for forcing and extensively grown in the South for shipping to the Northern markets early in the season. (See *cut No. 6*.) 5c. pkt., 10c. oz., 25c. ¼ lb., 80c. lb.

LIVINGSTON'S EVERGREEN. This new variety is proving of great value. It is very hardy and probably the most prolific of all varieties. In addition to being so wonderfully prolific, it is very early, and the cucumbers retain their beautiful green color longer than any other sort. It is one of the very best varieties for slicing, as it is very crisp and of good quality, and as it produces fruits of medium size it is likely to be of much value for pickling purposes. 5c. per pkt., 10c. per oz., 25c. per ¼ lb., 80c. per lb.

NEW EVERBEARING. The peculiar merit of this variety lies in the fact that the vines flower and produce fruit continuously until killed by frost. They exhibit at the same time cucumbers in every stage of growth, but invariably of perfect form even when very small. The cucumbers are of a fine green color, and are desirable for pickling. 5c. per pkt., 10c. per oz., 25c. per ¼ lb., 80c. per lb.

NICHOL'S MEDIUM GREEN. We consider this a most valuable variety, being useful and desirable for all purposes alike. As a pickle sort, it will be found unequalled, and for early forcing or slicing there is no better. It is exceedingly productive, of medium size, and always straight and smooth, and if only one variety be grown and is wanted to serve all purposes, this should be that one. (See *cut No. 3*.) 5c. pkt., 10c. oz., 25c. ¼ lb., 80c. lb.

JERSEY PICKLING. A good all-round sort. 5c. pkt., 10c. oz., 25c. ¼ lb., 80c. lb.

LONG GREEN. Long fruit of excellent quality, dark green, firm and crisp. 5c. pkt., 10c. oz., 25c. ¼ lb., 80c. lb.

SHORT GREEN, OR GHERKIN. Similar to Early Frame: good for pickling. 5c. pkt., 10c. oz., 25c. ¼ lb., 80c. lb.

Tailby's Hybrid. One of the best for family use. 5c. pkt., 10c. oz., 25c. ¼ lb., 80c. lb.

EXTRA LONG WHITE SPINE. Largely used for forcing. 5c. pkt., 10c. oz., 25c. ¼ lb., 80c. lb.

West Indian Gherkin, or Burr. This variety is used exclusively for pickling. (See *cut No. 1*.) 5c. pkt., 15c. oz., 35c. ¼ lb., \$1.25 lb.

English Frame or Forcing Varieties.

Telegraph.....Pkt. 25 | Duke of Edinburgh..Pkt. 25
Lord Kenyon's Favorite " 25 | Cuthill's Black Spine " 25

We can also supply the following standard varieties of Cucumbers, which are too well known to need description, at the uniform price of 5c. pkt., 10c. oz., 25c. ¼ lb., 80c. lb.:

Green Prolific, Long Green Turkey,
Early Cluster, Boston Pickling,
Early Frame, Early Russian. (See *cut No. 2*.)

POP CORN.

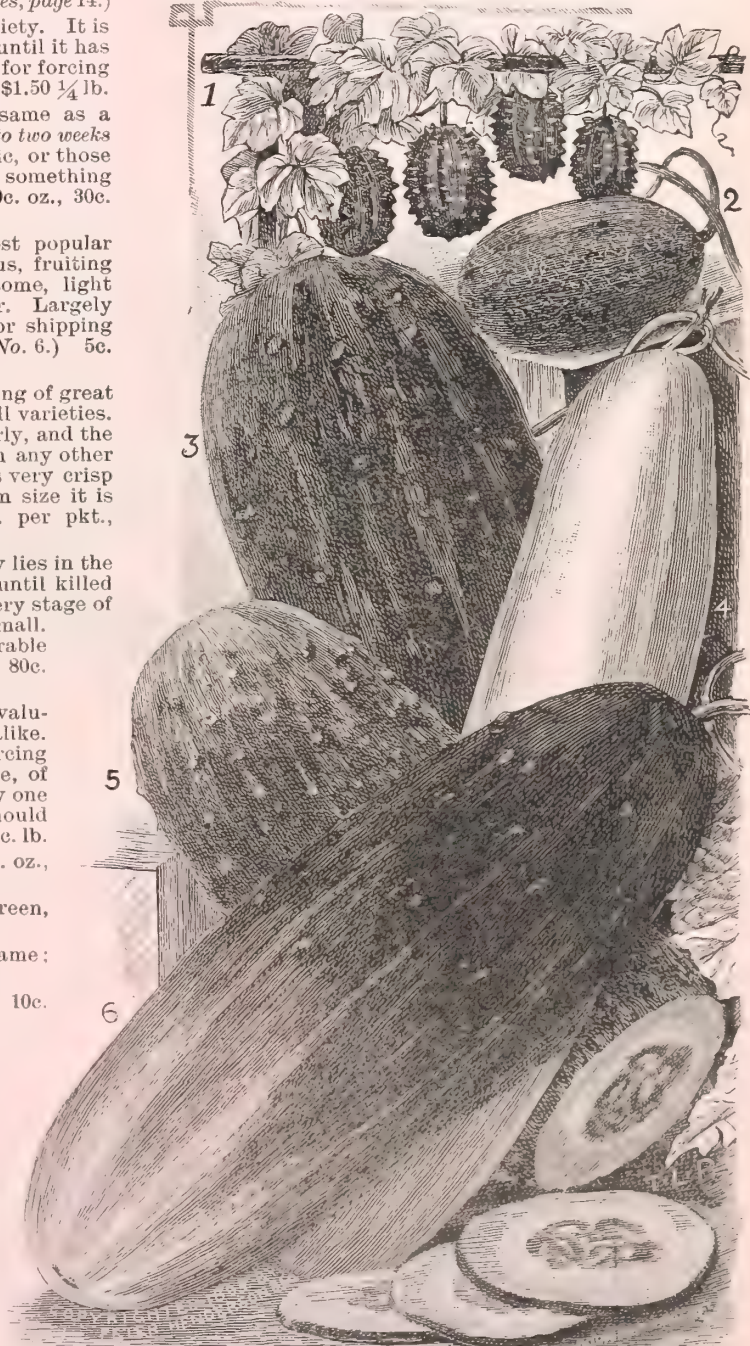
White Pearl. Smooth-grained ears, 4 to 5 inches long, by 7/8 to 1 1/8 inches diameter; good for either family or market use. \$8.00 per 100 lbs.; 10c. per single lb.; or by mail, 20c. per lb.

EARLY AMBER RICE. A new and distinct shade of color; it matures very early and is in every respect a first-class Pop Corn. \$18.00 per 100 lbs.; single lb., 20c.; or by mail, 30c.

WHITE RICE. (Rat Tooth.) A very early fine white variety; ears 4 to 5 inches in length and 1 to 1 1/2 in diameter. Kernel pointed. Per 100 lbs., \$8.00; per lb., 10c.; by mail, 20c.

CORN, FIELD AND SWEET FODDER.

See list of varieties in Department of Farm Seeds, page 57.



1. West Indian Gherkin, or Burr, 2. Early Russian,
3. Nichol's Medium Green, 4. White Perfection,
5. Extra Early Green Prolific, 6. Improved Early White Spine.

CRESS, OR PEPPER GRASS.German, *Kresse*.—French, *Cresson*.—Spanish, *Mastruco*.

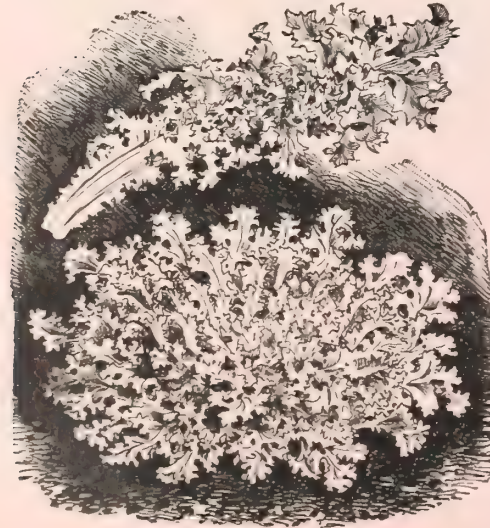
A well-known pungent salad. Requires to be sown thickly and covered very slightly at frequent intervals, to keep up a succession, as it soon runs to seed.

If by mail in quantities of $\frac{1}{2}$ lb. and upward, postage must be added at the rate of 8c. per lb.**EXTRA CURLED.** Very fine; may be cut two or three times. 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 60c. lb.**AMERICAN, OR LAND.** Eaten as Water Cress in winter. 5c. pkt., 15c. oz., 35c. $\frac{1}{4}$ lb., \$1.00 lb.**UPLAND CRESS.** (*Barbarea Vulgaris*.) Grown as Spinach and of easy culture. It so much resembles Water Cress in taste that the difference is scarcely discernible. It is a perennial plant, and can be grown easily for two years without resowing, and it yields enormous crops. The seed should be sown in April (latitude of New York), in rows 12 to 15 inches apart. 10c. pkt., \$1.50 oz.**AUSTRALIAN.** Fine, piquant flavor. 5c. pkt., 15c. oz., 35c. $\frac{1}{4}$ lb., \$1.00 lb.**EGG PLANT.**German, *Eierpflanze*.—French, *Aubergine*.—Spanish, *Berengena*.
1 oz. for 1,000 plants.

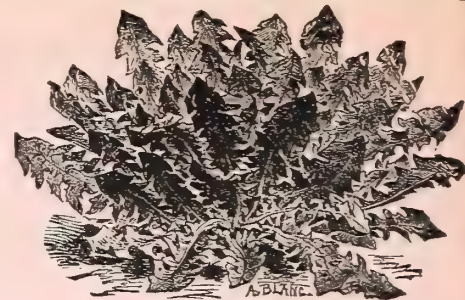
The Egg Plant will thrive well in any good garden soil, but will repay good treatment. The seeds should be sown in hot-beds or warm greenhouse in March or April, and when about an inch high put in two-inch pots. Plant out about June 1st, two and a half feet apart. If no hot-bed is at hand, they can be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

If by mail in quantities of $\frac{1}{2}$ lb. and upward, postage must be added at the rate of 8c. per lb.**IMPROVED NEW YORK SPINELESS.**

The New York Improved Egg Plant has been the standard variety for years, but this selection is vastly superior in every respect. The habit of the plant is low and branching, and is quite free from spines both on the plant and calyx of the Egg. The Eggs are of largest size and perfect form and from eight to ten are produced on a plant. Another most valuable feature of this Egg Plant is its extreme earliness, maturing its fruit at least two weeks ahead of the old variety. The splendid quality and great productiveness of this selection will greatly increase the popularity of this delicious vegetable. (See cut.) 10c. pkt., 50c. oz.

EARLY LONG PURPLE.Differs in shape from the following. Color sometimes deep purple, and again pale, with white or yellowish stripes. Early, productive and of easy culture. 5c. pkt., 30c. oz., 80c. $\frac{1}{4}$ lb., \$2.50 lb.**NEW YORK IMPROVED.** This is the leading market variety. Plant is robust, the leaves and stems being thickly set with spines. 5c. pkt., 40c. oz., \$1.25 $\frac{1}{4}$ lb., \$4.50 lb.**BLACK PEKIN.**The fruit of this handsome Egg Plant is jet-black, round in form, very solid. 10c. pkt., 50c. oz., \$1.50 $\frac{1}{4}$ lb.

WHITE CURLED ENDIVE.



IMPROVED LARGE LEAVED DANDELION.

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.

If by mail in quantities of $\frac{1}{2}$ lb. and upward, postage must be added at the rate of 8c. per lb.**CRESS, WATER.** 10c. pkt. 35c. oz., \$1.00 $\frac{1}{4}$ lb.**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.

If by mail in quantities of $\frac{1}{2}$ lb. and upward, postage must be added at the rate of 8c. per lb.**Dandelion, Common.** 10c. pkt., 30c. oz.**LARGE LEAVED.**

Double the size of the common Dandelion. (See cut.) 15c. pkt., 50c. oz.

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. Plant one

foot apart each way. When the plant has attained its full size, gather up the leaves and tie them by their tips in a conical form. This excludes the light and air from the inner leaves, and in the course of from three to six weeks becomes blanched.

If by mail in quantities of $\frac{1}{2}$ lb. and upward, postage must be added at the rate of 8c. per lb.**GREEN CURLED.** Not only most useful as a salad, but is highly ornamental from its delicately cut and colored leaves. It is much used for garnishing. 5c. pkt., 15c. oz., 40c. $\frac{1}{4}$ lb., \$1.50 lb.**FRENCH MOSS CURLED.** From the density of its foliage this variety is heavier than the Green Curled, but it is equally agreeable as a salad, and its appearance, either green or blanched, is particularly handsome. 5c. pkt., 20c. oz., 60c. $\frac{1}{4}$ lb., \$2.00 lb.**White Curled.** Leaves pale green; should be used when young. 5c. pkt., 20c. oz., 50c. $\frac{1}{4}$ lb., \$1.75 lb. (See cut.)**BROAD LEAVED BATAVIAN.** (*Escarolle*.) Chiefly used in soups and stews. 5c. pkt., 20c. oz., 50c. $\frac{1}{4}$ lb., \$1.75 lb.**KALE, or BORECOLE.**German, *Blätter-Kohl*.—French, *Chou Vert*.—Spanish, *Breton*.

Sow from the middle of April to the beginning of May in prepared beds; 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 $\frac{1}{2}$ lb. and upward, postage must be added at the rate of 8c. per lb.**DWARF GREEN CURLED SCOTCH.** A dwarf variety, rarely exceeding 18 inches in height, but spreading out under good cultivation to 3 feet in diameter. The leaves are beautifully curled and of a bright green. It will stand out where the temperature does not fall below zero. 5c. pkt., 15c. oz., 35c. $\frac{1}{4}$ lb., \$1.00 lb.**SIBERIAN.** This variety is extensively grown as winter greens; sown in September. 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 60c. lb.**Brown German Curled or Purple.** Is the variety most esteemed by the Germans. It is very hardy and is often seen in the gardens of New York as late as January. 5c. pkt., 15c. oz., 40c. $\frac{1}{4}$ lb., \$1.50 lb.COPYRIGHTED 1893
BY
PETER HENDERSON
& Co.



KOHL RABI.

MUSTARD.

German, *Senf*.—French, *Moutarde*.—Spanish, *Mos-tazæ*.

A pungent salad, sometimes used 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.

If by mail in quantities of ½ lb. and upward, postage must be added at the rate of 8c. per lb.

WHITE LONDON. Best for salads. 5c. oz., 15c. ¼ lb., 40c. lb.

Brown or Black. More pungent in flavor than the white. 5c. oz., 15c. ¼ lb., 40c. lb.

New Chinese. Leaves twice the size of the ordinary white Mustard; stems more succulent, of deeper green; flavor pleasantly sweet and pungent. 10c. oz., 30c. ¼ lb., \$1.00 lb.

MARTYNIA.

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

If by mail in quantities of ½ lb. and upward, postage must be added at the rate of 8c. per lb.

Proboscidea. 10c. pkt., 30c. oz., \$1.00 ¼ lb., \$3.00 lb.

MUSHROOM SPAWN.

We 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. (See cut.)

English. 15c. lb., \$1.00 for 8 lbs.; by mail, 25c. lb.

French. In boxes of 2 lbs., 75c.; if by mail, 95c.

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 ½ lb. and upward, postage must be added at the rate of 8c. per lb.

Tall. 5c. pkt., 15c. oz., 35c. ¼ lb., \$1.25 lb. | **Dwarf.** 5c. pkt., 15c. oz., 40c. ¼ lb., \$1.25 lb.

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. It 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 two to three feet apart.

If by mail in quantities of ½ lb. and upward, postage must be added at the rate of 8c. per lb.

WHITE VELVET. The pods are round and smooth, and are much larger than those of any other Okra, are never prickly to the touch and are produced in the greatest abundance. (See cut.) 5c. pkt., 10c. oz., 25c. ¼ lb., 90c. lb.

Dwarf Prolific. A very early variety, with long, green, slender pods. Very dwarf and productive. 5c. pkt., 10c. oz., 25c. ¼ lb., 75c. lb.

Improved Dwarf Green. Early and productive. 5c. pkt., 10c. oz., 20c. ¼ lb., 60c. lb.

Long Green. Long ribbed pods. 5c. pkt., 10c. oz., 20c. ¼ lb., 60c. lb.

KOHL RABI.

German, *Kohlrabi*.—French, *Chou-rabe*.—Spanish, *Calde Nabo*.

A vegetable intermediate between the Cabbage and the Turnip. Cultivation same as Turnip. See page 54.

If by mail in quantities of ½ lb. and upward, postage must be added at the rate of 8c. per lb.

EARLY SHORT LEAVED WHITE VIENNA. A variety of fine quality for forcing. 10c. pkt., 40c. oz., \$1.25 ¼ lb., \$4.00 lb.

EARLY WHITE VIENNA. Is greenish white outside, flesh white and tender. Should be used when the root is three or four inches in diameter. (See cut.) 5c. pkt., 25c. oz., 75c. ¼ lb., \$2.50 lb.

EARLY PURPLE VIENNA. Almost identical with the preceding, except in color. 5c. pkt., 20c. oz., 60c. ¼ lb., \$2.00 lb.

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 by mail in quantities of ½ lb. and upward, postage must be added at the rate of 8c. per lb.

PERPETUAL. A most distinct and valuable variety, which produces continuously a number of stalks from one plant the first season from seed. The stalks are not as heavy as those of the ordinary leek, but for this reason are more desirable for cutting up for use in soups or other ways in which leek is used. The flavor is identical with that of the other varieties of leek, and it is likely to prove entirely hardy. 10c. pkt., 50c. oz.

LARGE AMERICAN FLAG.

This is by far the best variety. It grows to a good size and is wonderfully uniform. This is preferred by our most critical market gardeners in the vicinity of New York, and we can recommend it to all. (See cut.) 5c. pkt., 25c. oz., 75c. ¼ lb., \$2.25 lb.

Musselburgh. (Scotch Champion.) Grows to a large size. 5c. pkt., 25c. oz., 75c. ¼ lb., \$2.50 lb.

Large Rouen. A large and excellent variety. 10c. pkt., 25c. oz., 75c. ¼ lb., \$2.50 lb.



MUSHROOMS.



WHITE VELVET OKRA.

LETTUCE

HEAD OR CABBAGE VARIETIES.

Ger., *Lattich*.—Fr., *Laitue*.—Span., *Lechuga*. 1 oz. for 3,000 plants.

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 the same as early Cabbage. In dry, well-sheltered spots by covering with leaves or litter late in the season Lettuce plants may be saved over the winter without glass covering in southern parts of the country without difficulty. The plants for setting out in spring are also sown in cold frames in February, and in hot-beds in March, and by careful covering up at night make 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 $\frac{1}{2}$ lb. and upward, postage must be added at the rate of 8c. per lb.

HENDERSON'S NEW YORK. Is of unusual size and solidity of head, with but little tendency to run to seed. We have had it time and again eighteen inches in diameter, and weighing nearly four pounds, with heads almost as solid as an Early Summer Cabbage, which in general form it somewhat resembles. The variety blanches itself naturally, is crisp, tender and of excellent flavor, and always free from bitterness. The outside color is distinct. It is not a forcing variety, but it is certainly one of the best varieties for summer use ever introduced. (See cut.) 5c. pkt., 15c. oz., 40c. $\frac{1}{4}$ lb., \$1.40 lb.

Henderson's
"NEW
YORK"
Lettuce.



Henderson's
"NEW YORK"
Lettuce.

"**SUNSET.**" A head Lettuce of splendid quality, with characteristics that commend it to all. It forms large, solid heads of a rich golden yellow, a shade of color hitherto unknown in this class of Lettuce. 5c. pkt., 15c. oz., 40c. $\frac{1}{4}$ lb., \$1.25 lb.

HARDY GREEN WINTER. One of the best winter varieties, very hardy, and forms a solid head. 5c. pkt., 15c. oz., 40c. $\frac{1}{4}$ lb., \$1.25 lb.

GOLDEN QUEEN. A very desirable small, early variety, of a most pleasing golden yellow color, that shade which is always most desirable in a Lettuce.

It is one of the most deceptive varieties we have ever seen, as at first glance it seems to be a veritable miniature Lettuce; but it forms all solid heads with little or no waste, so that there is really more to it than in many Lettuces double the size. It is very crisp, tender and juicy. (See cut.) 10c. pkt., 25c. oz., 75c. $\frac{1}{4}$ lb., \$2.40 lb.

BOSTON MARKET. This variety can be planted so close and is so well adapted for the purpose that it is now more generally used for forcing in greenhouses and hot-beds than any other. It grows very compact and forms fair-sized heads, slightly tinged with red on the edge of the leaves. It is also one of the best early varieties for outdoor use. 5c. pkt., 15c. oz., 40c. $\frac{1}{4}$ lb., \$1.20 lb.

TENNIS BALL BLACK SEEDED. A favorite

forcing variety, forming a hard head. It makes but few outer leaves, and for this reason can be planted quite closely under glass—from six to seven inches apart. It is the variety so largely used in hot-beds, forcing pits and in greenhouses. 5c. pkt., 15c. oz., 40c. $\frac{1}{4}$ lb., \$1.25 lb.

BIG BOSTON. (See *Novelties*, page 15.) 10c. pkt., 35c. oz., \$1.00 $\frac{1}{4}$ lb., \$3.50 lb.

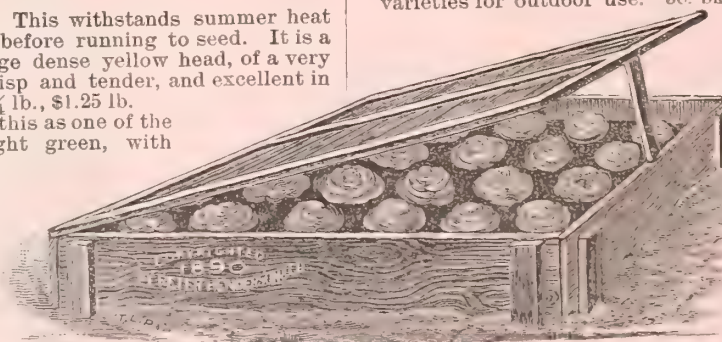
DRUMHEAD OR MALTA. Heads very large, crisp, tender and of good flavor; one of the best summer varieties. 5c. pkt., 10c. oz., 30c. $\frac{1}{4}$ lb., \$1.00 lb.

BLACK SEEDED BUTTER. Similar to Tennis Ball, but larger. Used extensively as an outdoor variety. 5c. pkt., 15c. oz., 40c. $\frac{1}{4}$ lb., \$1.25 lb.

YELLOW SEEDED BUTTER. This withstands summer heat well, and remains in head long before running to seed. It is a very distinct sort, making a large dense yellow head, of a very handsome appearance, very crisp and tender, and excellent in flavor. 5c. pkt., 15c. oz., 40c. $\frac{1}{4}$ lb., \$1.25 lb.

HANSON. We can recommend this as one of the very best. Outer leaves bright green, with prominent light-colored veins; inner leaves white, and usually curved and twisted at the base. Extensively grown by market gardeners and truckers as it is always sure to make large handsome heads of excellent quality. 5c. pkt., 15c. oz., 40c. $\frac{1}{4}$ lb., \$1.20 lb.

SALAMANDER. One of the best for summer use, forming good-sized compact heads. Color, light green outside and white inside. Its great merit, however, is that it will remain longer in head, and stand a greater amount of heat without burning or running to seed than any other variety. These desirable qualities have been thoroughly proven in our trial grounds, and we recommend it to all, especially in the Southern States, where it is invaluable. 5c. pkt., 15c. oz., 40c. $\frac{1}{4}$ lb., \$1.25 lb.



LETTUCE, GOLDEN QUEEN.

We can also supply the following varieties of Lettuce, which are too well known to need description, at the uniform price of 5c. pkt., 15c. oz., 40c. $\frac{1}{4}$ lb., \$1.25 lb.:

Brown Dutch,	All the Year Round,
Large White Summer Cabbage,	Large India,
Defiance, Summer,	Deacon,
Early Prize Head,	Boston Curled,
	Oak Leaved.

**COS, ROMAINE,
OR
CELERY LETTUCE.**

PARIS WHITE COS. The Cos Lettuce differs entirely in shape from the other varieties, the head being elongated and of conical form, eight or nine inches in height, and five or six inches in diameter. The outer coloring of this variety is yellowish green. To be had in perfection it requires to be tied up to insure its blanching. 5c. pkt., 15c. oz., 40c. 1/4 lb., \$1.25 lb.

"TRIANON." This is the favorite class of Lettuces in Europe, and this variety is the very finest of its class; already they are becoming more popular here. The long, narrow leaves, which form solid heads, almost like a Wakefield Cabbage, bleach and quickly become snowy white. They excel all other Lettuces in quality, having a taste and crispness unequalled. The leaves when bleached are stiff like Celery stalks and can be eaten in the same manner. (See cut.) Price, 10c. per pkt., 25c. per oz., 75c. per 1/4 lb., \$2.50 per lb.



BLACK SEEDED SIMPSON LETTUCE.



LETTUCE—Curled Varieties.

EARLY CURLED SIMPSON. Forms a close, compact mass of curly leaves of a yellowish green. It matures quicker than varieties that form firm heads, which gives it its great desideratum—earliness. It is the kind that is planted in cold frames almost exclusively, and it is also largely grown as an early open-air variety between a Cabbage crop. 5c. pkt., 10c. oz., 30c. 1/4 lb., \$1.00 lb.

BLACK SEEDED SIMPSON. Forms a large, thin and exceedingly tender leaf, and for such who desire a large, loose head this is the best variety, either for forcing or sowing out-of-doors, though on account of its large size it is, under some circumstances, not so profitable for forcing as a strictly forcing kind. The leaves are a delicate golden yellow, and it stands the summer heat splendidly. (See cut.) 5c. pkt., 15c. oz., 40c. 1/4 lb., \$1.25 lb.

NEW "THE BANQUET."

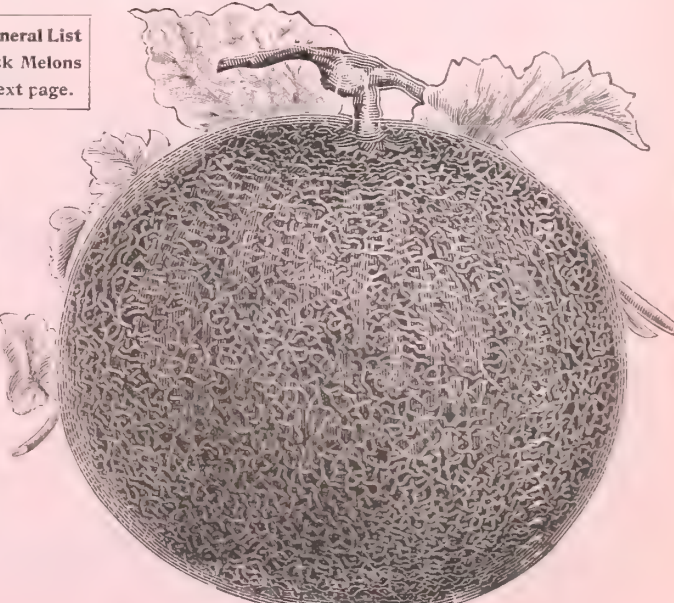
This superb melon represents years of careful selection and improvement of a stock of Musk Melon at the hands of the largest and most experienced grower of melons in the world. The raiser regards it as his greatest production and likely to supersede all other red-fleshed melons. "The Banquet" is a medium-sized melon, flat at both ends and more beautifully netted than any known variety. In quality it has no equal; the flesh is uniformly deep and of that granulated character that always indicates a good melon; the color is a dark rich salmon. The oft-repeated question, "How can I raise good Musk Melons?" can now be answered, "Plant the Banquet." We are safe in saying that it will produce more fine edible melons to a given area than any other variety. (See cut) 10c. per pkt., 30c. per oz., \$1.00 per 1/4 lb., \$3.00 per lb.

For General List of Musk Melons see next page.



New Winter Musk Melon, "Pineapple."

This represents a class of Musk Melons that are likely to prove of much value. The color of the flesh is delicate lemon-yellow, and the outer skin is dark green marked with yellow. The quality is delicious, having a rich spicy flavor that is not possessed by any other fruit. All of this class of Melons have much thicker and finer flesh than ordinary musk melons, hence their long-keeping qualities. They rarely ripen on the vine, so the melons must be picked off in the fall and put in some cool place, where, however, there is no danger of freezing, until they are wanted. It is usually necessary to place them in a warm room for three or four days before using, so as to ripen them up thoroughly. Handled in this way they can be had for use all winter. (See cut.) 10c. per pkt., 12 pkts. for \$1.00.



(Copyrighted, 1890, by Peter Henderson & Co.)
THE BANQUET MUSK MELON.

Our Prices this Season are lower than ever. Read what we say on this subject on pages 1 and 2.



MELON, MUSK.

German, *Melone*.—French, *Melon*.—Spanish, *Melon*. 1 oz. for 60 hills; 2 to 3 lbs. in hills for an acre.

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 farther 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 numerous 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 from the Southern States.

If by mail in quantities of ½ lb. and upward, postage must be added at the rate of 8 cts. per lb.

THE NEWPORT. One of the largest market gardeners in the vicinity of New York has for years grown a Musk Melon that in general appearance did not differ from the Hackensack except that it was a little smaller. All that he could raise of this variety has been taken at high prices by the most select hotels in New York, Newport and Boston. The **Newport** melon while small is very deep-fleshed and of a dark green color. The Newport stands in the same relation to the green-fleshed melons that the "Banquet" does to the red-fleshed, in every respect the best. 10c. pkt., 30c. oz., \$1.00 ¼ lb., \$3.00 lb.

EMERALD GEM. This variety is of rich, delicious flavor and fine quality. Distinct, very early and prolific; skin ribbed, yet smooth, and of a deep emerald green, with a few lighter-colored stripes. The flesh is thick, of a suffused salmon color. Specially recommended to those who wish a very high-flavored fruit. (See cut.) Price, 5c. pkt., 10c. oz., 25c. ¼ lb., 80c. lb.

NEW EARLY HACKENSACK. We were the first to distribute generally throughout the country the now famous Hackensack. This **New Early** is a selection or improvement almost equal in size to the Hackensack, and at least ten days earlier. Several years' thorough trial has proven it to be the best as well as the earliest of all the netted melons. The melons weigh from four to six pounds each, and are of delicious flavor. (See cut.) 5c. pkt., 20c. oz., 50c. ¼ lb., \$1.50 lb.

PERFECTED DELMONICO. (See *Novelties*, page 15.) 15c. pkt., 8 pkts. for \$1.00.

MONTREAL MARKET. Excellent variety of the largest size; we have had them weighing over 20 lbs. In shape almost round, flattened at ends, deeply ribbed; skin green and netted. Flesh green, very thick. 5c. pkt., 10c. oz., 25c. ¼ lb., 75c. lb.

HACKENSACK. It attains a large size, is round in shape and flattened at the ends; skin green and thickly netted; the flesh also is green, and rich and sugary in flavor. It is wonderfully productive; very popular with market gardeners. 5c. pkt., 10c. oz., 25c. ¼ lb., 90c. lb.

SKILLMAN'S NETTED. Form, roundish oval; flesh deep green, sweet and richly perfumed; an early and delicious variety. 5c. pkt., 10c. oz., 25c. ¼ lb., 75c. lb.

Netted Gem. One of the earliest, best and most prolific small melons. Globe-shaped, uniform in size, weighing from 1¼ to 1½ lbs. each. Flesh light green and of very fine flavor. (See cut.) 5c. pkt., 10c. oz., 30c. ¼ lb., \$1.00 lb.

Improved Christiana. A very early variety of peculiar flavor, relished by many people. Its chief merit is its extreme earliness. Flesh bright orange. 5c. pkt., 10c. oz., 25c. ¼ lb., 75c. lb.

Jenny Lind. A popular small early variety, flattened at each end, ribbed and closely netted. Flesh green and of excellent flavor. Largely grown in the South for early shipment to the Northern markets. 5c. pkt., 10c. oz., 25c. ¼ lb., 75c. lb.

Improved Nutmeg. Fruit nutmeg shape; skin deep green, finely netted; flesh greenish yellow, rich and sugary. 5c. pkt., 10c. oz., 25c. ¼ lb., 75c. lb.

BALTIMORE, or ACME. A green-fleshed, productive and excellent shipping melon that can always be found in its season in the best hotels and restaurants in New York, Philadelphia and Baltimore. It is a green-fleshed variety of oblong form. (See cut.) 5c. pkt., 10c. oz., 25c. ¼ lb., 75c. lb.

MILLER'S CREAM, or PRINCESS. Most delicious. The flesh is a rich salmon color, very thick, sweet and rich; rind very thin and finely netted. Vigorous grower. Very productive. 5c. pkt., 10c. oz., 25c. ¼ lb., 75c. lb.

Large Yellow Cantaloupe. Flesh reddish orange, sweet, and of good flavor; early and productive. 5c. pkt., 10c. oz., 25c. ¼ lb., 75c. lb.

BANQUET. See preceding page, 39. 10c. pkt., 30c. oz., \$1.00 ¼ lb., \$3.00 lb.

PINEAPPLE, WINTER. See preceding page, 39. 10c. pkt., 12 pkts. for \$1.00.

Our Prices this Season are lower than ever. Read what we say on this subject on pages 1 and 2.

MELON, WATER.

German, *Wasser-Melone*.—French, *Melon d'Eau*.—Spanish, *Sandia*. 1 oz. for 30 hills; 4 to 5 lbs. in hills for an acre.

Watermelons require a rich though rather sandy soil for best development, and thrive best in warm latitudes, growing best in the Southern or South-western 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 $\frac{1}{2}$ lb. and upward, postage must be added at the rate of 8 cts. per lb.

COLE'S EARLY. (See *Novelties* page 15.) 15c. pkt., 8 pkts. for \$1.00.

THE JONES. We are indebted to Mr. Philip S. Jones, of Georgia, for this splendid melon. The color of the skin is solid green, and the flesh is a very bright red, particularly sweet, juicy and melting. It grows to a large size, frequently attaining the weight of eighty pounds. In shape it resembles Kolb's Gem, and like that variety is one of the best shipping sorts. 5c. pkt., 10c. oz., 30c. $\frac{1}{4}$ lb., \$1.00 lb.

FLORIDA FAVORITE. One of the largest and best in cultivation. Being several days earlier than Kolb's Gem, it will succeed in a latitude far north of that popular variety. It attains an enormous size; the flesh is a beautiful clear crimson, extending close up to the rind, which is hard, thin, and beautifully mottled light and dark green. The shape is oblong, the flavor is sweet and melting, making it one of the best in cultivation. (See *cut.*) 5c. pkt., 10c. oz., 25c. $\frac{1}{4}$ lb., 70c. lb.

HENDERSON'S GREEN AND GOLD. The largest early variety, very productive and of delicious flavor. Rind very thin, being only from $\frac{3}{8}$ to $\frac{1}{2}$ inch in thickness. Independent of the delicious flavor, its rich golden color will make it most desirable as an ornament for the table, especially if its golden slices are arranged in contrast with the crimson of the older sorts. (See *cut.*) 5c. pkt., 10c. oz., 25c. $\frac{1}{4}$ lb., 70c. lb.

HUNGARIAN HONEY. This superb variety ripens early. The flesh is a very brilliant red color and of a very rich honey flavor; color of skin, medium dark green; uniformly of medium size. 5c. pkt., 10c. oz., 30c. $\frac{1}{4}$ lb., \$1.00 lb.

Colorado Preserving. The preserving qualities of this distinct variety are of the very best; weight, 15 to 40 lbs. each. 5c. pkt., 10c. oz., 25c. $\frac{1}{4}$ lb., 70c. lb.

ICE CREAM (White Seeded). This is one of the best for growing in the latitude of N. Y. In shape it is almost round; the skin is light green, slightly mottled; flesh bright scarlet, and

very solid. Medium size, and its delicious flavor leaves nothing to be desired. 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 60c. lb.

JORDAN'S GRAY MONARCH. This distinct melon is the largest of all. The skin is a mottled gray; shape long; flesh bright crimson and of sweet, delicious flavor. It is also a fine shipper. 5c. pkt., 10c. oz., 25c. $\frac{1}{4}$ lb., 70c. lb.

KOLB'S GEM. Largely grown, particularly in the South, for shipment to Northern markets. As a shipping melon it has hardly an equal. The fruit is nearly round; rind dark green, somewhat marbled with lighter shades. Weight, 25 to 50 lbs. (See *cut.*) 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 60c. lb.

MOUNTAIN SWEET. Fruit oblong, dark green; rind thin; flesh red, solid and sweet. 5c. pkt., 10c. oz., 25c. $\frac{1}{4}$ lb., 70c. lb.

RUBY GOLD. A new seedling from Henderson's Green and Gold. This splendid new melon is a hybrid seedling of the famous "Green and Gold" Watermelon, which was introduced by us in 1888. Its beauty and quality are unexcelled. The "Ruby Gold" averages 40 to 50 lbs. in weight, and is one of the juiciest and finest flavored Watermelons ever raised. 5c. pkt., 10c. oz., 30c. $\frac{1}{4}$ lb., \$1.00 lb.

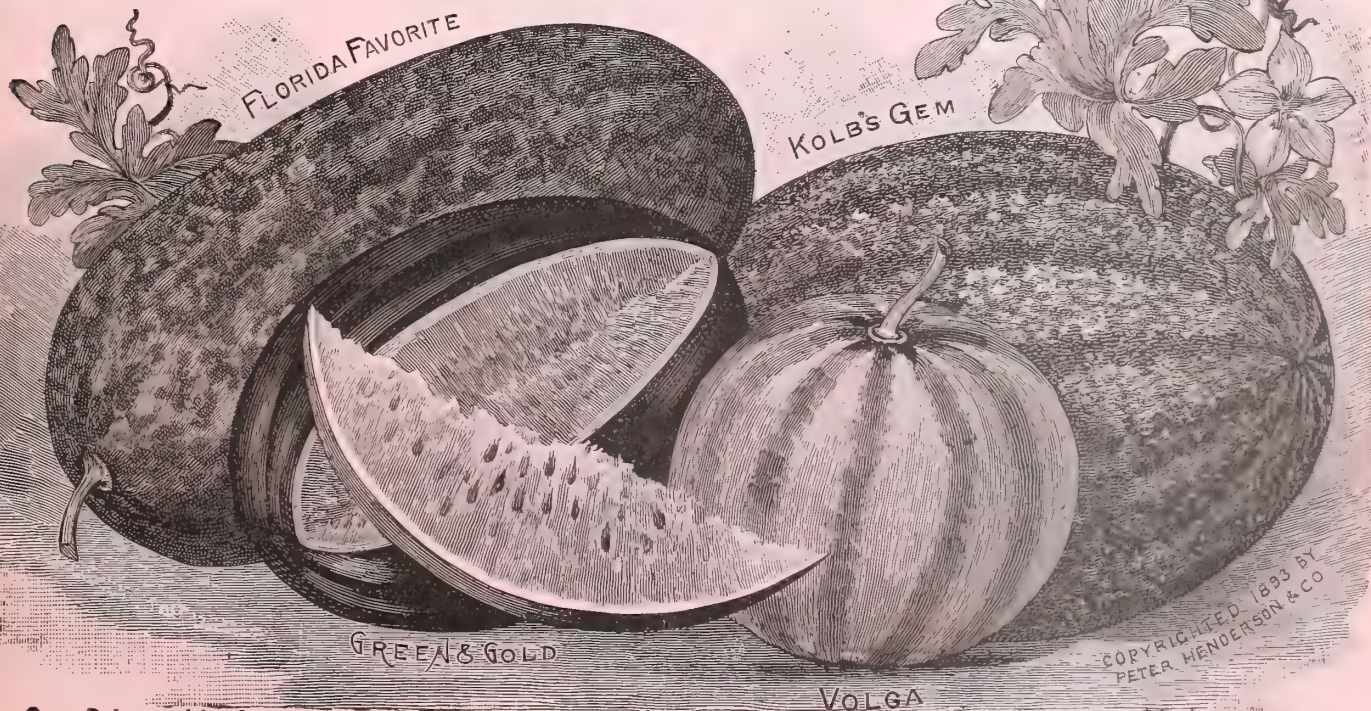
DIXIE. A new variety said to have the excellent shipping qualities of Kolb's Gem, to which must be added fine flavor and productiveness. 5c. pkt., 15c. oz., 40c. $\frac{1}{4}$ lb., \$1.25 lb.

SEMINOLE. In shape, this is oblong, slightly tapering at the ends. One of the claims of the grower, which we have proved by testing, is that it is solid, ripening clear up to the rind. The flavor is excellent; in a word, it is one of the best. 5c. pkt., 10c. oz., 25c. $\frac{1}{4}$ lb., 70c. lb.

THE VOLGA. It is perfectly round in shape, averaging about 15 lbs. in weight. The skin is light green in color, slightly mottled, thin and very hard. It will succeed as far North as Montreal. The color of the flesh is bright red and is of a delicious melting flavor. (See *cut.*) 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 60c. lb.

We can also supply the following standard varieties, which are too well known to need description, at the uniform price of 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 60c. lb.:

Cuban Queen. Mammoth Ironclad. The "Boss." Scaly Bark. Phinney's Early.



Our Prices this Season are lower than ever. Read what we say on this subject on pages 1 and 2.



SOUTHPORT YELLOW GLOBE. Same shape as White Globe; color yellow. An excellent keeper. Our stock of this is perhaps the finest in the country. (See cut.) 5c. pkt., 25c. oz., 75c. $\frac{1}{4}$ lb., \$2.60 lb.

LARGE RED GLOBE. With the exception, perhaps, of some of the white varieties, there is no onion that realizes such large prices as this, its beautiful globe shape and rich purplish crimson color making it extremely desirable. The Large Red Globe is a good keeper and of excellent quality. (See cut.) 5c. pkt., 20c. oz., 70c. $\frac{1}{4}$ lb., \$2.25 lb.

Extra Early Flat Red. A light colored Onion, good keeper, the earliest of all. 5c. pkt., 20c. oz., 60c. $\frac{1}{4}$ lb., \$2.00 lb.

Onion Seed.

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

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

If by mail in quantities of $\frac{1}{2}$ lb. and upward, postage must be added at the rate of 8c. per lb.

1 oz. for 100 feet of drill; 5 or 6 lbs. in drills for an acre.



SOUTHPORT WHITE GLOBE. Handsome globular Onion, of mild flavor; good keeper. One of the best. (See cut.) 5c. pkt., 35c. oz., \$1.25 $\frac{1}{4}$ lb., \$4.00 lb.

ROUND YELLOW DANVERS. An early variety, good keeper and excellent market sort. Good size; has a thin yellow skin. 5c. pkt., 20c. oz., 70c. $\frac{1}{4}$ lb., \$2.25 lb.

YELLOW GLOBE DANVERS. This is the standard variety everywhere, its uniform shape and bright yellow color and fine quality commending it to all. Yellow Globe Danvers is an excellent keeper and is one of the most desirable sorts for either the professional or amateur gardener. (See cut.) 5c. pkt., 25c. oz., 75c. $\frac{1}{4}$ lb., \$2.50 lb.



RED WETHERSFIELD.

Copyrighted, 1891, by Peter Henderson & Co.



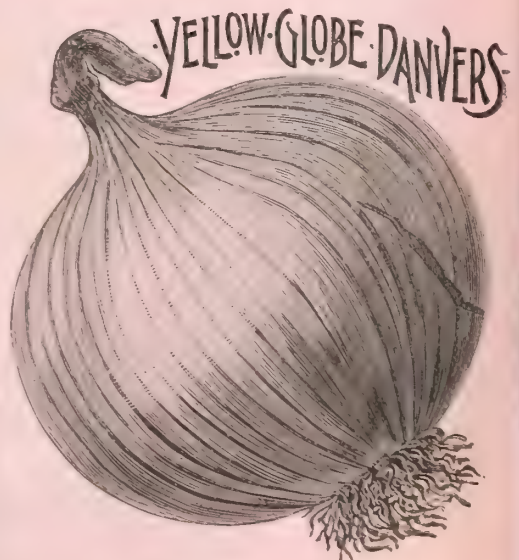
LARGE RED GLOBE.

WETHERSFIELD LARGE RED. A favorite sort for general crop. A large yielder and a good keeper. (See cut.) 5c. pkt., 20c. oz., 60c. $\frac{1}{4}$ lb., \$2.00 lb.

YELLOW DUTCH. A flat, yellow Onion; a good yielder, but not so desirable as other yellow sorts on account of its color and shape. It is one of the heaviest croppers. 5c. pkt., 20c. oz., 60c. $\frac{1}{4}$ lb., \$2.00 lb.

WHITE PORTUGAL, OR SILVER SKIN. One of the leading sorts of white flat Onion. A most excellent keeper and good yielder. Largely grown for pickling. 5c. pkt., 35c. oz., \$1.25 $\frac{1}{4}$ lb., \$4.00 lb.

The vegetable and flower seeds that I purchased of you last spring had rather a hard struggle, owing to the unfavorable season and the ravages of the cut worms, but they came out in a most satisfactory manner, and I never raised as fine vegetables or flowers as I did this year. I was particularly pleased with the Eclipse Beet, New York Lettuce and Southport Onions.—Gus Norton, Union City, Md.



YELLOW GLOBE DANVERS.

Our Prices this Season are lower than ever. Read what we say on this subject on pages 1 and 2.

ONION SEED—Continued.

SPANISH AND ITALIAN VARIETIES.

NEW MAMMOTH POMPEII. (Red Garganus.) Is a very fine Italian variety. It has produced Onions weighing 4 to 5 lbs. each. The skin is a delicate red, the flesh is close grained and nearly white. Is of a very mild flavor, and in sections where Onions can be sown during autumn, this variety, if transplanted in April, will attain a larger size than any variety we know of. 5c. pkt., 20c. oz., 60c. $\frac{1}{4}$ lb., \$2.25 lb.

QUEEN. This is a very early Onion; small, flat, white and mild flavored. 5c. pkt., 20c. oz., 60c. $\frac{1}{4}$ lb., \$2.00 lb.

NEAPOLITAN MARZAJOLA. An early white, flat Onion of fine flavor. 5c. pkt., 20c. oz., 60c. $\frac{1}{4}$ lb., \$2.00 lb.

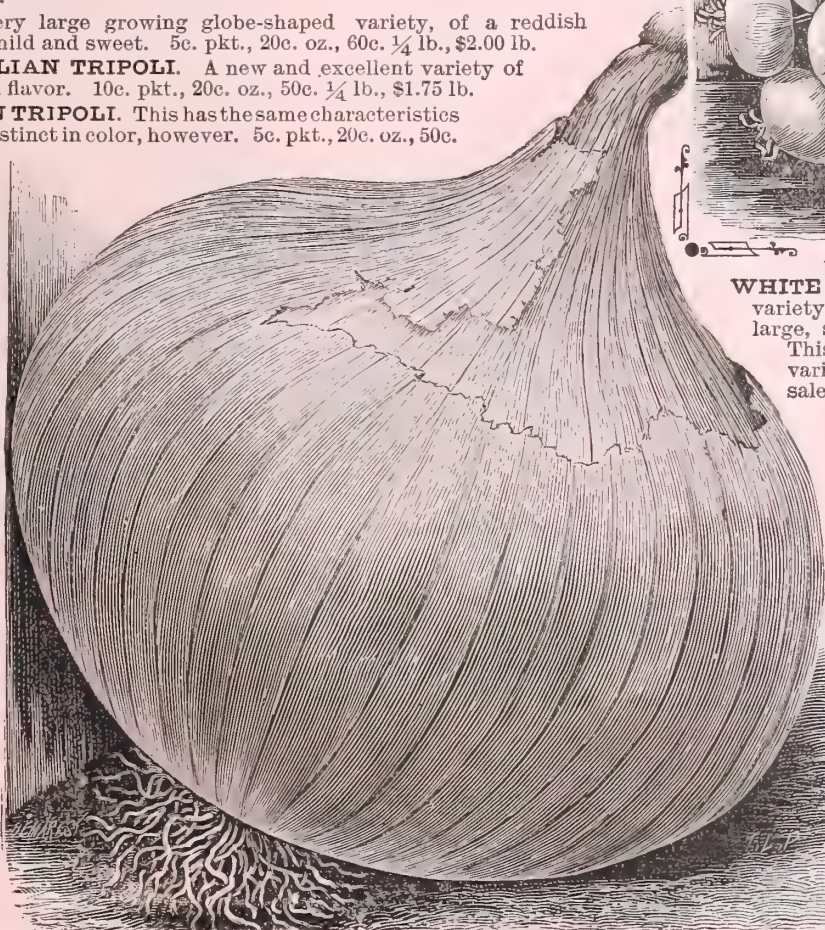
GIANT ROCCA. Very large growing globe-shaped variety, of a reddish brown color. Flavor mild and sweet. 5c. pkt., 20c. oz., 60c. $\frac{1}{4}$ lb., \$2.00 lb.

LARGE WHITE ITALIAN TRIPOLI. A new and excellent variety of quick growth and mild flavor. 10c. pkt., 20c. oz., 50c. $\frac{1}{4}$ lb., \$1.75 lb.

LARGER ED ITALIAN TRIPOLI. This has the same characteristics as the White Tripoli; distinct in color, however. 5c. pkt., 20c. oz., 50c. $\frac{1}{4}$ lb., \$1.75 lb.

GIANT WHITE GARGANUS. (Silver King.) Single Onions of this variety, grown from seed, the first season have weighed as much as 3 lbs. It matures early, is a white-skinned and white-fleshed variety, in shape somewhat flat, and of an exceedingly mild and delicate flavor. 10c. pkt., 25c. oz., 75c. $\frac{1}{4}$ lb., \$2.50 lb.

PRIZE TAKER. This is the large, beautiful Onion that is seen every fall offered for sale at the fruit stores in New York and other large cities. They are a rich straw color and of enormous size, averaging 12 to 14 inches in circumference. Although of such great size, it is very hard and an excellent keeper. The flavor is mild and delicate, making the Prize Taker a favorite variety for slicing for salads. (See cut.) Price, 10c. per pkt., 30c. per oz., \$1.00 per $\frac{1}{4}$ lb., \$3.50 per lb.



Copyrighted, 1889, by Peter Henderson & Co. "PRIZE TAKER" ONION.



WHITE BUNCH ONION.

WHITE BUNCH. A handsome white variety of vigorous habit, producing large, showy onions of fine quality. This is not a good keeping variety, but for bunching for sale or using in the green state, it cannot be surpassed. (See cut.) 5c. pkt., 25c. oz., 60c. $\frac{1}{4}$ lb., \$2.00 lb.

ADRIATIC BARLETTA. A very early, small, pure white variety, having a very delicate silver skin, flesh firm and mild in flavor. Its great merit is its extreme earliness. For pickling purposes it is unexcelled. Price, 10c. pkt., 25c. oz., 75c. $\frac{1}{4}$ lb., \$2.50 lb.

Bermuda Varieties.

These are very early varieties, and are grown very largely by the Bermuda growers and those of our own Southern States.

We again have pleasure in offering new crop seed of the true

Bermuda Onion, the seed of which it is often difficult to obtain.
 Pale Red. 5c. pkt., 20c. oz., 70c. $\frac{1}{4}$ lb., \$2.25 lb.
 White. 5c. pkt., 20c. oz., 70c. $\frac{1}{4}$ lb., \$2.00 lb.

ONION SETS.

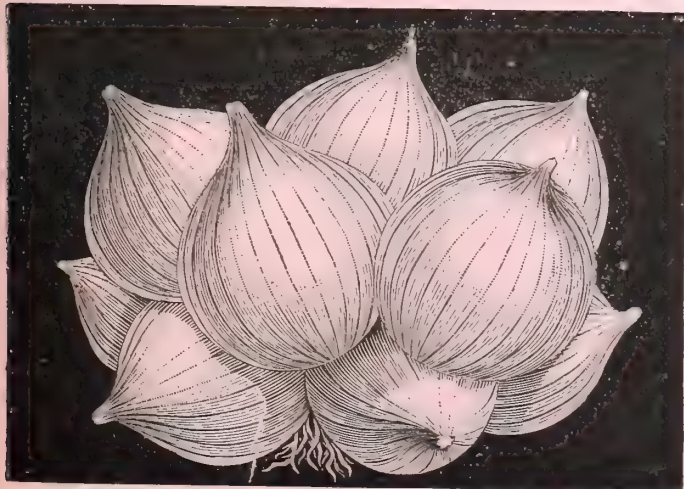
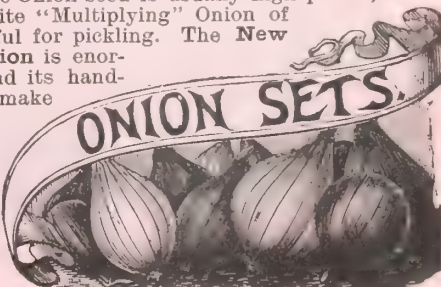
Red Onion sets, 35c. qt., \$2.50 pk. White, 35c. qt., \$2.50 pk. Yellow, 35c. qt., \$2.50 pk. Potato Onions, 35c. qt., \$2.50 pk. Top, or Button Onions, 30c. qt., \$2.00 pk.

Shallots. 40c. qt.

Garlic Sets. 40c. lb.

WHITE MULTIPLIER. An Onion of pure white silvery color, and very hardy. White Onion seed is usually high priced, hence the advantage of a white "Multiplying" Onion of this kind. Very useful for pickling. The New White Multiplier Onion is enormously productive, and its handsome appearance will make it very profitable to grow. (See cut.) Price of sets, 30c. per pt., 50c. per qt., \$3.00 per peck.

NEW WHITE TOP ONION—
 (Crop failed.)



WHITE MULTIPLIER ONION.

PARSNIP.

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

1 oz. per 200 feet of drill; 5 to 6 lbs. in drills for an acre.

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 till spring, to be dug as required.

If by mail in quantities of $\frac{1}{2}$ lb. and upward, postage must be added at the rate of 8c. per lb.

HENDERSON'S HOLLOW CROWNED. We believe this is the finest stock of Parsnip that can be procured. The roots run of uniform size, and are smooth. The growing taste for this delicious vegetable will make this improved strain particularly desirable. (See cut.) 5c. pkt., 10c. oz., 25c. $\frac{1}{4}$ lb., 65c. lb.

Long Smooth. A fine flavored variety. 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 55c. lb.

Early Round. An early variety, but of small size. 5c. pkt., 15c. oz., 25c. $\frac{1}{4}$ lb., 75c. lb.

PARSLEY.

German, *Petersilie*.—French, *Persil*.—Spanish, *Peregil*.

1 oz. for 150 feet of drill.

Parsley succeeds best in 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 $\frac{1}{2}$ lb. and upward, postage must be added at the rate of 8c. per lb.

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

Fern-Leaved. A very beautiful variety; very valuable for table decoration. 5c. pkt., 15c. oz., 30c. $\frac{1}{4}$ lb., \$1.00 lb.

Plain. The leaves of this sort are plain; it is harder than the curled variety. 5c. pkt., 10c. oz., 25c. $\frac{1}{4}$ lb., 80c. lb.

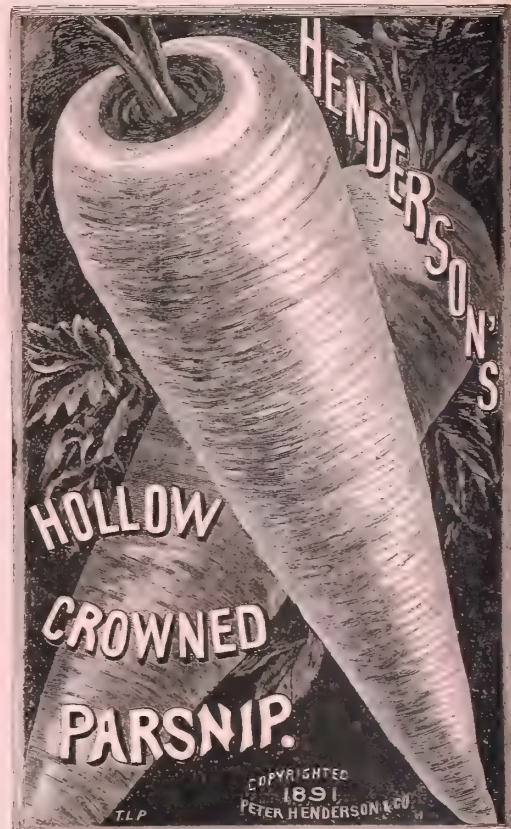
Hamburg or Turnip-Rooted. A fleshy-rooted kind; the roots used for flavoring soups. 5c. pkt., 10c. oz., 30c. $\frac{1}{4}$ lb., \$1.00 lb.

HENDERSON'S EMERALD. Distinct in appearance from any of the other varieties, being of a lighter and more brilliant shade of green. The plant is of dwarf habit, with leaves finely cut and very curly. To growers for the market as well as for private gardens we commend this sort. (See cut.) 5c. pkt., 10c. oz., 30c. $\frac{1}{4}$ lb., \$1.00 lb.

EXTRA DOUBLE CURLED. A fine dwarf variety, beautifully curled; excellent for garnishing. 5c. pkt., 10c. oz., 25c. $\frac{1}{4}$ lb., 80c. lb.



HENDERSON'S EMERALD PARSLEY.



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 the danger of frost is past.

If by mail in $\frac{1}{2}$ lb. and upward, postage must be added at the rate of 8c. per lb.

COUNTY FAIR. (See *Novelties*, page 16.) 10c. pkt., 50c. oz., \$1.75 $\frac{1}{4}$ lb.

CARDINAL. A very distinct variety, growing from 5 to 6 inches in length, being about an inch broad at the top and tapering to a point. This Pepper is slightly scimitar-shaped, and is a glossy bright red color. Very sweet and thick-fleshed. Price, 5c. per pkt., 40c. per oz., \$1.25 per $\frac{1}{4}$ lb.

RED CLUSTER. A new type of Chili Red, bearing a profusion of red clusters of very thin pungent peppers in an upright position. It forms a small, compact plant about a foot high. A single plant has been known to produce as many as a thousand peppers. 10c. pkt., 30c. oz., \$1.00 $\frac{1}{4}$ lb.

SWEET MOUNTAIN OR MAMMOTH. Similar to the Bull Nose, but larger and milder in flavor. Used to make stuffed pickles, "Mangoes." 5c. pkt., 25c. oz., 75c. $\frac{1}{4}$ lb., \$2.50 lb.

LONG RED CAYENNE. The variety of commerce. Pods small, cone-shaped; scarlet red when ripe. Quite a late variety; the pods are as frequently used for pickling green as when ripe. 5c. pkt., 25c. oz., 75c. $\frac{1}{4}$ lb., \$2.50 lb.

CHILI. Very small and prolific; generally used for making pepper sauce. 5c. pkt., 25c. oz., 75c. $\frac{1}{4}$ lb.

RUBY KING. (See cut.) An exceedingly large and handsome Pepper of mild flavor; the fruits are of a bright ruby red, from 4 $\frac{1}{2}$ to 6 ins. long by 9 to 12 ins. in circumference. It can be sliced for salad or eaten with salt and vinegar like tomatoes and cucumbers. 10c. pkt., 30c. oz., \$1.00 $\frac{1}{4}$ lb., \$3.50 lb.

CHERRY RED. Fruit round, of a rich glossy scarlet color. 5c. pkt., 25c. oz., 75c. $\frac{1}{4}$ lb.

LARGE BELL, or BULL NOSE. An early variety of mild flavor and a favorite sort both for pickling and for use in the natural state. 5c. pkt., 25c. oz., 75c. $\frac{1}{4}$ lb., \$2.50 lb.

GOLDEN DAWN. Of same shape and size as the Large Bell, but of more delicate flavor; color, yellow. 5c. pkt., 25c. oz., 75c. $\frac{1}{4}$ lb., \$2.50 lb.

For Pepper Plants, see page 147.



RUBY KING PEPPER.

Our Prices this Season are lower than ever. Read what we say on this subject on pages 1 and 2.

PEAS—Extra Early.

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

1 qt. for 75 feet of drill. 2 to 3 bushels in drills for an acre. If sent by mail, 15c. qt. extra.

Our trial of Peas is probably the most extensive on this side of the Atlantic, and it enables us to discard inferior sorts, and to offer in the following list only the best varieties. 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, strong 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 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, or, what is better, trained on the new garden trellis which is offered on page 153 of this catalogue. 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.

Dwarf Extra Early Peas.

Those marked thus * are Wrinkled Varieties.

- * **CHELSEA.** It grows about 15 inches in height and is of compact, short-jointed habit, thus requiring no brushing or staking. The pods are remarkably handsome, being gracefully curved and much longer than any other early dwarf kind. They are well filled, each containing eight to ten good-sized peas of exquisite quality, which, when cooked, are rich, sugary and of marrow-like flavor. The peas are white wrinkled in the dry state. (See cut.) 15c. $\frac{1}{2}$ pt., 25c. pt., 40c. qt., \$2.75 pk.
- BLUE BEAUTY.** Its distinctive feature is its *unusually regular habit of growth*. Of a uniform height of 1 $\frac{1}{2}$ feet, so smooth and level in its growth that a row of it resembles a well-kept hedge. It is a blue, round pea, and is nearly as early as the American Wonder. Pods of medium size, borne in the greatest profusion, and are well filled for so early a Pea. In quality and flavor Blue Beauty cannot be surpassed. 10c. $\frac{1}{2}$ pt., 20c. pt., 30c. qt., \$1.50 peck, \$5.00 bushel.
- Tom Thumb.** Remarkably dwarf and early, of excellent quality, and yields abundantly. Height, 1 foot. 10c. $\frac{1}{2}$ pt., 20c. pt., 30c. qt., \$1.75 peck, \$6.00 bushel.
- * **AMERICAN WONDER.** Better suited to the private than the market garden. It is very early. The peas are wrinkled, and its distinctiveness consists in its extreme dwarf growth. Of the finest quality. Height, 12 inches. 10c. $\frac{1}{2}$ pt., 20c. pt., 30c. qt., \$2.00 peck, \$7.00 bushel.
- * **PREMIUM GEM.** A very fine dwarf Pea of the Little Gem type, on which it is a great improvement. Height, 15 inches. 10c. $\frac{1}{2}$ pt., 20c. pt., 30c. qt., \$1.75 peck, \$6.00 bushel.
- * **LITTLE GEM (McLEAN'S).** A green wrinkled variety which comes into use a few days later than the First of All or Improved Daniel O'Rourke. 18 inches high, very prolific, and of excellent flavor. 10c. $\frac{1}{2}$ pt., 15c. pt., 25c. qt., \$1.50 peck, \$5.50 bushel.



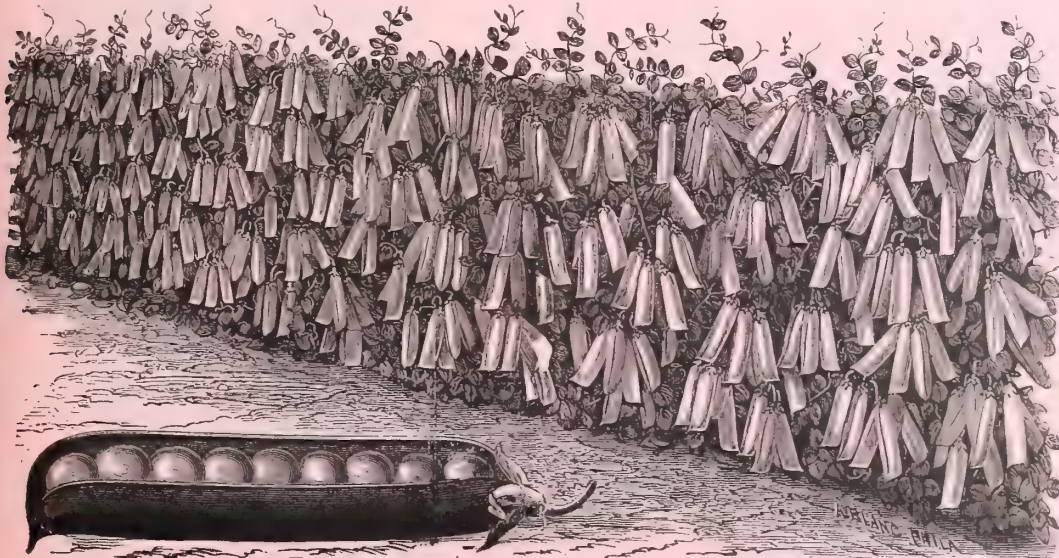
NEW PEAS, "CHELSEA."

Extra Early Peas of Medium Height.

- IMPROVED DANIEL O'ROURKE.** A favorite extra early variety. Height, 3 ft. 10c. $\frac{1}{2}$ pt., 15c. pt., 25c. qt., \$1.15 peck, \$4.00 bushel.
- * **LAXTON'S ALPHA.** The earliest of all the medium height wrinkled Peas, of fine quality and very prolific; pods large and well filled. Height, 3 feet. 10c. $\frac{1}{2}$ pt., 20c. pt., 30c. qt., \$1.75 peck, \$6.00 bushel.

- * **THE ADMIRAL.** Heaviest cropping early Pea extant. This wrinkled variety grows to a height of from 3 $\frac{1}{2}$ to 4 feet. The pods are about the size of our First of All, are borne in great profusion from top to bottom of the vine and are well packed with large peas of very sweet flavor. This is a very desirable and distinct variety, and should find a place in every garden, whether for market or private use. It is also a variety that is eminently suited for canning. 10c. $\frac{1}{2}$ pt., 20c. pt., 30c. qt., \$2.00 peck, \$7.00 bush.
- ALASKA.** The earliest blue Pea. The dark green color of the pods makes it extremely desirable as it can be carried long distances without losing color, which quality, combined with its earliness and uniformity of ripening, makes it a most desirable Pea for market gardeners. Height, 2 feet. 10c. $\frac{1}{2}$ pt., 15c. pt., 25c. qt., \$1.15 peck, \$4.00 bushel.

HENDERSON'S FIRST OF ALL. The best extra early Pea ever offered. This variety is unequalled for excellence, yield, size of pod and regularity of growth. Height, 2 $\frac{1}{2}$ feet, or fully six inches dwarfier than the Improved Daniel O'Rourke, First and Best, or Philadelphia Extra Early, and 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 evenly as not to require more than two pickings to clear off the crop, and in this last feature and in its extreme earliness consists its great value to market gardeners and truckers. At the same time we know of no other variety that is more popular than Henderson's First of All in private gardens. This variety is sent out only in sealed packages and bags. (See cut.) 10c. $\frac{1}{2}$ pt., 15c. pt., 25c. qt., \$1.25 peck, \$4.50 bushel.



EXTRA EARLY PEAS, HENDERSON'S FIRST OF ALL.

Peas, Medium or Second Early.

DWARF, SECOND EARLY PEAS.

Those marked thus * are wrinkled varieties.

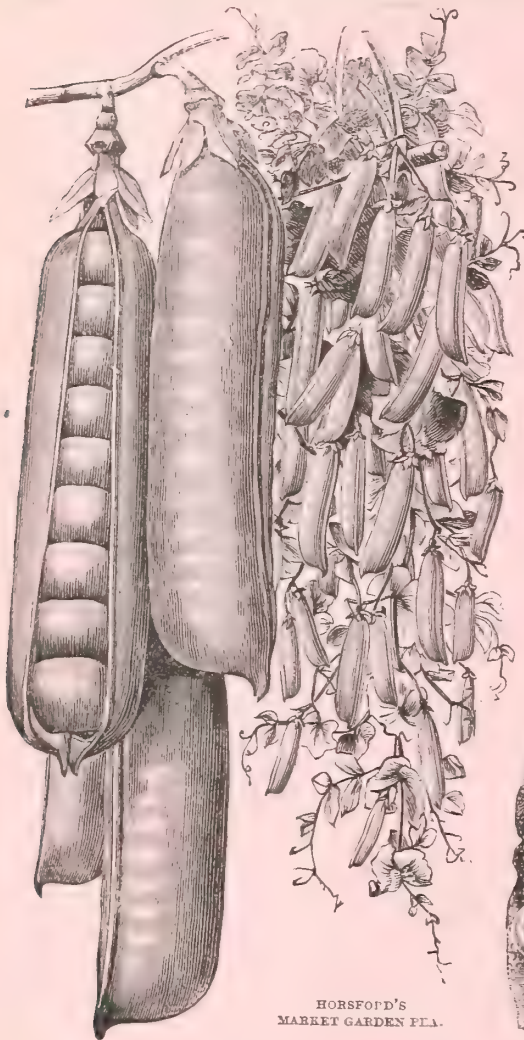
***HORSFORD'S MARKET GARDEN.** A grand wrinkled variety, coming in between Little Gem and Advancer. The vines are two feet high, very regular in growth. It is a prolific bearer, and has yielded more per acre than any other American variety. The pods, although of medium size, are numerous, and are literally packed with peas of a delicious sweet flavor. (See cut.) 10c. $\frac{1}{2}$ p., 15c. pt., 25c. qt., \$1.50 peck, \$5.00 bush.

***ABUNDANCE.** A second early variety, attaining a height of 3 feet. Pods 3 to 3 $\frac{1}{2}$ inches long, roundish and well filled, containing 6 to 8 large wrinkled peas of excellent quality. This variety is remarkable for branching directly from the roots. 10c. $\frac{1}{2}$ pt., 15c. pt., 25c. qt., \$1.50 peck, \$5.00 bush.

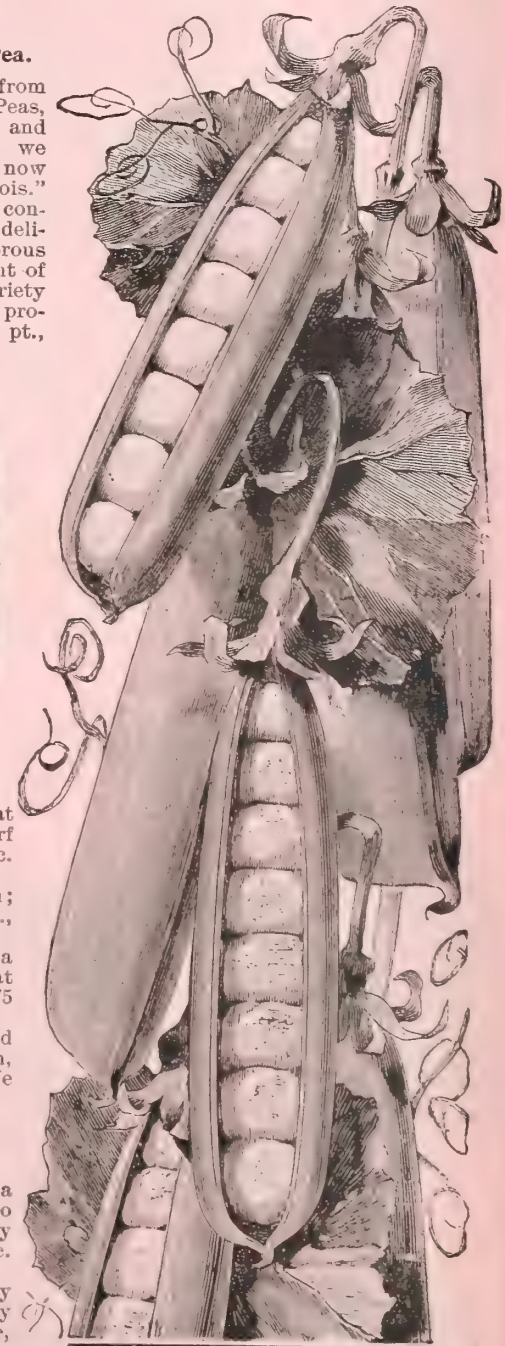
PETIT POIS,

The Genuine Small French Pea.

We have had frequent calls from customers for the real French Peas, such as they have eaten in Paris and other Continental cities. This we have succeeded in getting, and now offer the genuine "French Petit Pois." The pods are long and slim and contain 8 to 10 small peas of tender, delicate quality. The vines are vigorous and branching, attaining a height of from three to four feet. This variety is medium early, and extremely prolific. (See cut.) 15c. $\frac{1}{2}$ pt., 25c. pt., 40c. qt.



HORSFORD'S
MARKET GARDEN PEA.



MCLEAN'S ADVANCER PEA.

SECOND EARLY PEAS OF MEDIUM HEIGHT.

Those marked thus * are wrinkled varieties.

***MCLEAN'S ADVANCER.** A second early variety, attaining a height of 2 $\frac{1}{2}$ feet, a great favorite with growers in this neighborhood, among whom it is often known as the Dwarf Champion. It is a green wrinkled variety of fine flavor. (See cut.) 10c. $\frac{1}{2}$ pt., 15c. pt., 25c. qt., \$1.40 pk., \$4.50 bush.

FILLBASKET. This variety is one of the best second early Peas in cultivation; a heavy cropper; of excellent flavor; height, 3 $\frac{1}{2}$ feet. 10c. $\frac{1}{2}$ pt., 20c. pt., 30c. qt., \$1.75 peck, \$6.00 bush.

***THE HEROINE.** This is the grandest pea on the entire list, and is now offered at a price that places it within the reach of all. It should be in every garden. Read what we say about it, page 13. (See colored plate, page 12.) 15c. $\frac{1}{2}$ pt., 25c. pt., 40c. qt., \$2.75 peck.

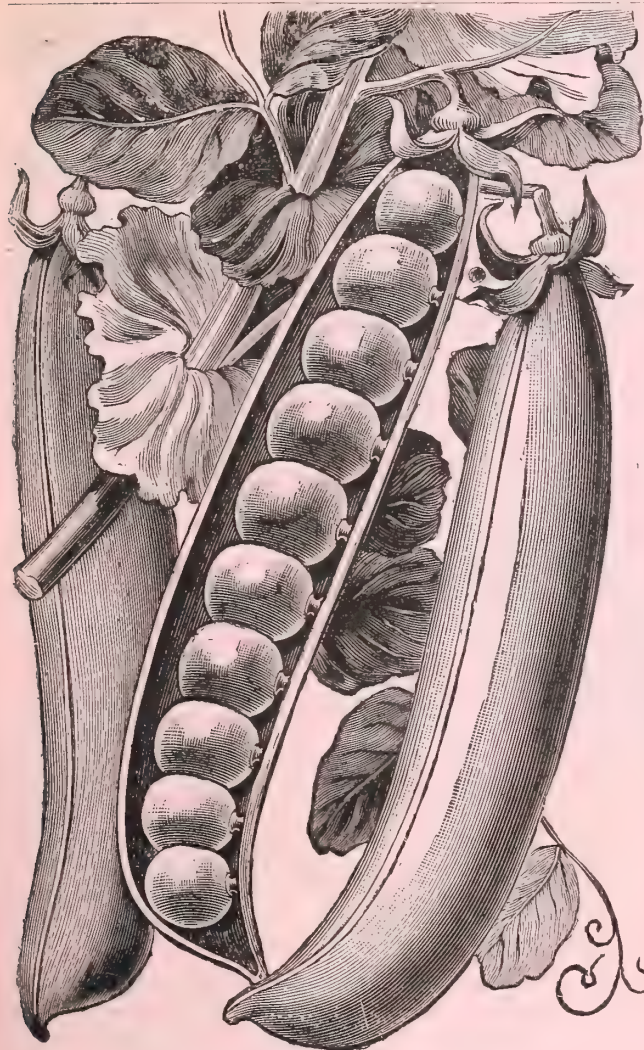
***SHROPSHIRE HERO.** This valuable, new, second early wrinkled Pea is a decided improvement on the Old Yorkshire Hero. It is a robust grower, about 3 feet high, producing long, handsome and well-filled pods in abundance. Flavor exquisite. We recommend it highly. 10c. $\frac{1}{2}$ pt., 20c. pt., 30c. qt., \$1.75 peck, \$6.00 bush.

EDIBLE PODDED OR SUGAR PEAS.

MELTING SUGAR. (Edible pods.) It grows to the height of five feet, bears a profusion of large, broad pods, which are generally found in pairs, and which are so brittle that they snap without any string. It should be used in much the same way as a Wax Bean. The pods when cooked are very sweet and tender. 20c. $\frac{1}{2}$ pt., 40c. pt., 75c. qt., \$4.00 peck.

NEW VERY DWARF SUGAR PEA. (Edible pods.) It is unusually dwarf, being very similar in habit to the well-known American Wonder Pea. The pods are beautifully crumpled, are of unusual size for such a small-growing sort, and are of exquisite, melting quality. 15c. pkt., 40c. $\frac{1}{2}$ pt., 75c. pt., \$1.25 qt.

Our Prices this Season are lower than ever. Read what we say on this subject on pages 1 and 2.



TELEPHONE PEA.

TALL LATE OR MAIN CROP PEAS.

Those marked thus * are Wrinkled Varieties.

***CHAMPION OF ENGLAND.** This is yet, by general consent, acknowledged to be the best of the late tall varieties. The pods and peas are of the largest size and excellent quality. Height, 5 ft. 10c. ½ pt., 15c. pt., 20c. qt., \$1.25 peck, \$4.00 bush.

***TELEPHONE.** A tall, wrinkled marrow, enormously productive, and of the best quality. It 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 desirable sort for the family garden. Height, 4½ feet. (See cut.) 10c. ½ pt., 15c. pt., 25c. qt., \$1.50 peck, \$5.00 bush.

***SANDER'S MARROW.** A tall, very late and immense cropping variety. The pods are produced in pairs, and are well filled with fine, large wrinkled peas, the largest that we have ever seen; the quality is sweet and delicious. It has the desirable peculiarity of retaining its deep green color when dished for the table. Height, 5 feet. (See cut.) 10c. ½ pt., 20c. pt., 35c. qt., \$2.00 peck, \$7.00 bush.

***AMERICAN CHAMPION.** The number of testimonials we received favorable to the American Champion Pea only confirms the high opinion we had formed of it in our trials before offering it for sale. It is one of the largest of all Peas, enormously productive, and its flavor and quality closely approach that of the well-known Champion of England. The pods are produced in pairs and are well filled. Each pod contains from nine to twelve large, fine peas. It is a tall-growing sort, of branching habit; it should be sown thinly. Height, 4½ feet. 10c. ½ pt., 20c. pt., 35c. qt., \$2.50 peck, \$8.00 bush.

BLACK-EYED MARROWFAT. An old-time favorite; large handsome pods; enormous cropper. Height, 5½ feet. 10c. ½ pt., 15c. pt., 20c. qt., \$1.00 peck, \$3.00 bush.

WHITE MARROWFAT. Similar to above but a little finer quality. Height, 5½ feet. 10c. ½ pt., 15c. pt., 20c. qt., \$1.00 peck, \$3.00 bush.

PEAS, LATE OR MAIN CROP.

DWARF LATE OR MAIN CROP PEAS.

Those marked thus * are Wrinkled Varieties.

***STRATAGEM.** By many this variety is considered the best of the recently introduced English Peas. It is a dwarf, wrinkled, blue marrow, a very heavy cropper, and produces large, remarkably well-filled pods of excellent flavor. Height, 2 feet. 10c. ½ pt., 20c. pt., 35c. qt., \$2.00 peck, \$7.00 bush.

***EVER-BEARING.** A continuous bearing variety, which gives it especial value for late summer and autumn use. Height, 3 feet, foliage large. Pods 3 to 4 inches long, producing 6 to 8 large wrinkled peas, half an inch and over in diameter; quality unsurpassed. It should be sown considerably thinner than other kinds, else the vines will become too crowded. 10c. ½ pt., 15c. pt., 25c. qt., \$1.50 peck, \$5.00 bushel.

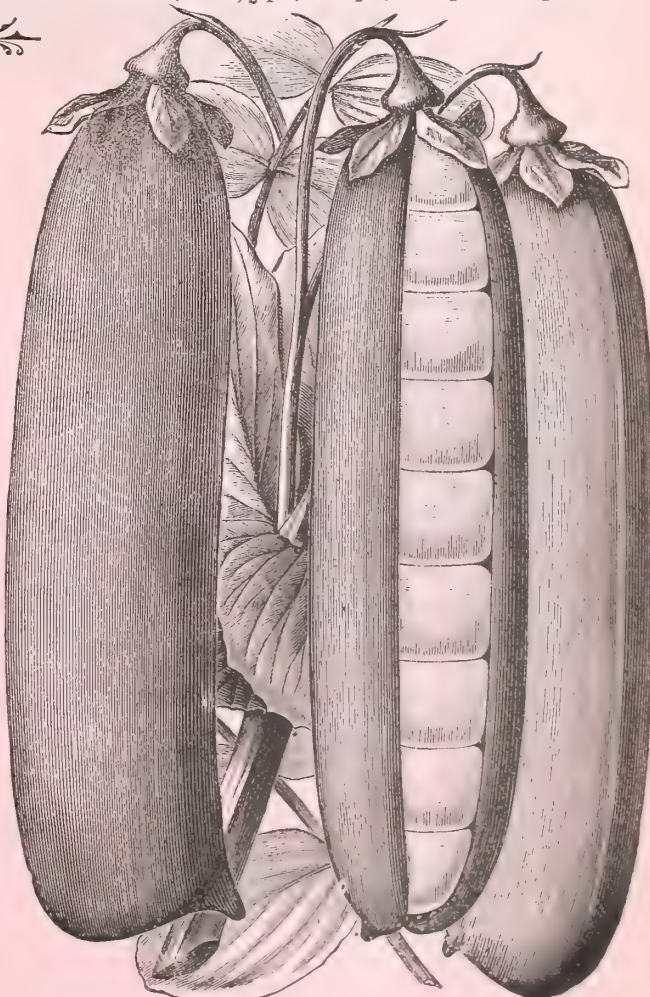
PRIDE OF THE MARKET. Is a strong growing Pea, 2 feet high, wonderfully productive. The pods are also of large size and handsome appearance and the peas are of splendid quality. 10c. ½ pt., 20c. pt., 30c. qt., \$1.75 peck, \$6.00 bushel.

LATE OR MAIN CROP PEAS OF MEDIUM HEIGHT.

***JUNO.** (See Novelties, page 16.) 15c. ½ pt., 30c. pt., 50c. qt.

GLADIATOR. The plant is very robust and vigorous, stem branched, growing about 3½ feet in height, exceedingly productive, bearing in pairs an abundance of long, curved handsome pods, which are very closely filled with medium-sized peas of excellent quality. A First Class Certificate was conferred on this variety by the Royal Horticultural Society of England, which is evidence enough of its great excellence. Price, 15c. ½ pt., 25c. pt., 40c. qt., \$2.75 peck.

EVOLUTION. A main crop variety of fine flavor, growing about 3 feet in height; pods and foliage rich dark green; very hardy and prolific. The pods are very large, scimeter-shaped and packed close with good-sized peas of delicious, melting quality. This variety can be depended on for a main crop or late sort, giving large pickings of peas after all others are done. Price, 15c. ½ pt., 25c. pt., 40c. qt., \$2.75 peck.



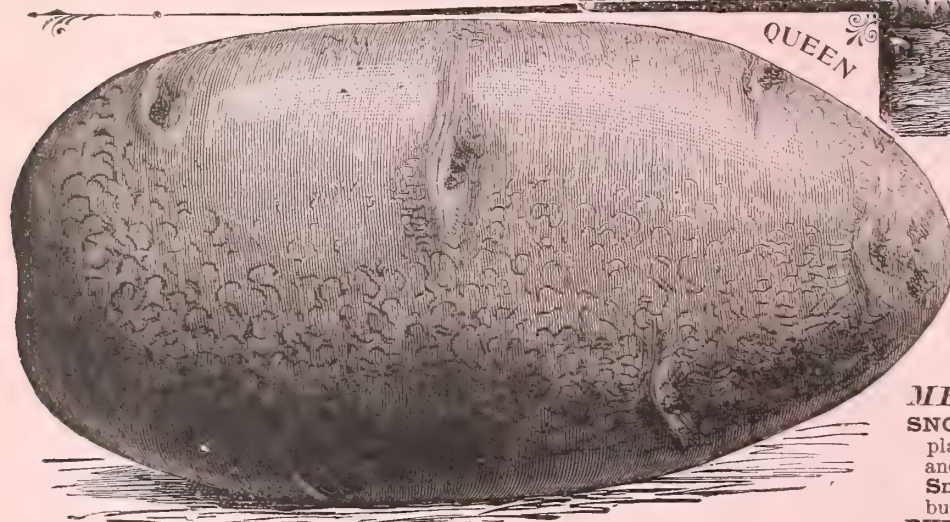
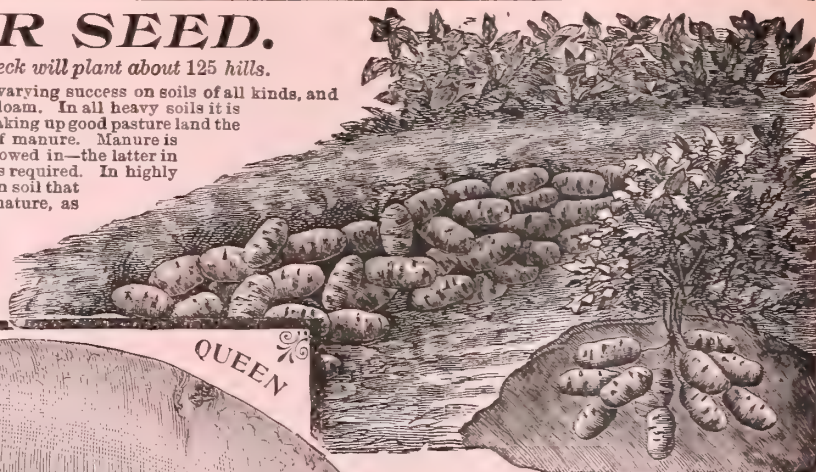
SANDER'S MARROW PEA.

Our Prices this Season are lower than ever. Read what we say on this subject on pages 1 and 2.

POTATOES FOR SEED.

In drills 3 feet apart; 12 to 14 bushels to the acre. 1 peck will plant about 125 hills.

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 one-half or three inches will be sufficient.



Our Potatoes are all specially raised for seed purposes and are "Northern Crown." Prices subject to variation. We deliver all potatoes into the hands of transportation companies safely packed; after that our responsibility ceases. Purchasers must take all risks from freezing or heating. In comparing our prices on Potatoes, remember we make no charge for barrels or cartage, but deliver F. O. B., N. Y., at prices quoted.

EARLY VARIETIES.

QUEEN. A grand potato of recent introduction, closely resembling Beauty of Hebron in appearance, color, size and shape, but is much earlier and a heavier yielder. We strongly recommend it. (See cut.) 75c. peck, \$2.50 bush., \$5.00 bbl.

ROCHESTER ROSE. Of recent years, the Early Rose has not done well in some sections. The Rochester Rose, which we now offer, is a seedling of the above, and is an improvement in every respect. It will average larger in size, is equally early, and is a much heavier yielder. It possesses the same excellent cooking qualities as the parent variety. 70c. peck, \$2.25 bush., \$4.50 bbl.

HENDERSON'S EARLY PURITAN. Awarded the medal of excellence at the American Institute Fair in 1888. 75c. peck, \$2.50 bush., \$5.00 bbl.

VANGUARD. The earliest variety. The skin is the same color as the Early Rose, indented with few and shallow eyes; flesh white and mealy. 70c. peck, \$2.25 bush., \$4.50 bbl.

EARLY ROSE. The leading variety for earliness, quality and productiveness. 70c. peck, \$2.25 bush., \$4.50 bbl.

EARLY SUNRISE. Very early and productive. 70c. peck, \$2.25 bush., \$4.50 bbl.

EARLY MAINE. Claimed to be an earlier and a better cropper than the Early Rose, and smoother and more regular in shape. 70c. peck, \$2.25 bush., \$4.50 bbl.

BEAUTY OF HEBRON. One of the best early sorts; productive and of excellent flavor; a good keeper; pure white skin and flesh. 70c. peck, \$2.25 bush., \$4.50 bbl.

CLARKE'S No. 1. Earlier than the Early Rose and very productive. Cooks mealy. 70c. peck, \$2.25 bush., \$4.50 bbl.

PEARL OF SAVOY. Is certainly very early and productive. The tubers are oblong and of large size; the flesh pearly white and mealy. 70c. peck, \$2.25 bush., \$4.50 bbl.

THORBURN. A very desirable early variety; very productive, and of excellent quality. It is a seedling from "Beauty of Hebron," which it somewhat resembles, but it is a decided improvement on that variety. 70c. peck, \$2.25 bush., \$4.50 bbl.

CHAS. DOWNING. Oval, oblong form and pure white color. One of the earliest sorts, of splendid quality. Enormously productive. 70c. peck, \$2.25 bush., \$4.50 bbl.

MEDIUM EARLY VARIETIES.

SNOWDROP. We do not recommend it for planting for market use, but, where quality and not quantity is desired, we believe the Snowdrop to be unequalled. 70c. peck, \$2.25 bush., \$4.50 bbl.

RURAL NEW YORKER No. 2. Large and smooth variety, of excellent quality; white skin and flesh, with few and shallow eyes. 70c. peck, \$2.25 bush., \$4.50 bbl.

RURAL BLUSH. An excellent variety having a beautiful blush skin. It is of first-rate quality and cooks through dry and evenly. A very heavy yielder. 70c. peck, \$2.25 bush., \$4.50 bbl.

MAIN CROP VARIETIES.

RESTAURANT. If you wish to raise a big crop of large, handsome potatoes, this is the sort to plant. It is of large size, is an enormous yielder, and, for a main crop variety, cannot be excelled. 75c. peck, \$2.50 bush., \$5.00 bbl.

LATE PURITAN. The Early Puritan Potato, which we introduced, has probably attained a wider distribution and greater popularity on both continents than any new variety since the Early Rose. In the LATE Puritan we have a potato which is identical with the Early Puritan in appearance, color and quality, but far more productive. 75c. peck, \$2.50 bush., \$5.00 bbl.

MONROE SEEDLING. A fine late variety, resembling Superior, and an excellent keeper. 70c. peck, \$2.25 bush., \$4.50 bbl.

SUPERIOR. A seedling from White Star. A very fine, late, white-skinned, kidney-shaped variety; a heavy cropper and a good keeper. 70c. peck, \$2.25 bush., \$4.50 bbl.

PRIDE OF THE WEST. A flattish-round, red variety; very large; eyes deep but few. The quality is unequalled; medium late; unusually strong grower, and considered to be the heaviest cropper in America. 75c. peck, \$2.25 bush., \$4.75 bbl.

BILL NYE. A valuable new white kidney variety. It is very smooth and handsome, eyes unusually shallow. 75c. peck, \$2.25 bush., \$4.75 bbl.

EMPIRE STATE. A main crop variety, wonderfully productive. The skin is white and smooth, flesh pure white, of fine flavor, and cooks very evenly. 70c. peck, \$2.25 bush., \$4.50 bbl.

ST. PATRICK. Handsome, smooth and regular; oblong in shape, with very few and shallow eyes. It is a large yielder and of the first quality. 70c. peck, \$2.25 bush., \$4.50 bbl.

MORNING STAR. A late sort, of better quality than most of the heavy croppers. 70c. peck, \$2.25 bush., \$4.50 bbl.

WHITE ELEPHANT. Late, large, good quality and enormously productive. 70c. peck, \$2.25 bush., \$4.50 bbl.

WHITE STAR. Large cropper; cooking qualities of the best; a good keeper. 70c. peck, \$2.25 bush., \$4.50 bbl.

SPECIAL PRICES FOR LARGE QUANTITIES OF POTATOES ON APPLICATION.

Pumpkin.

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

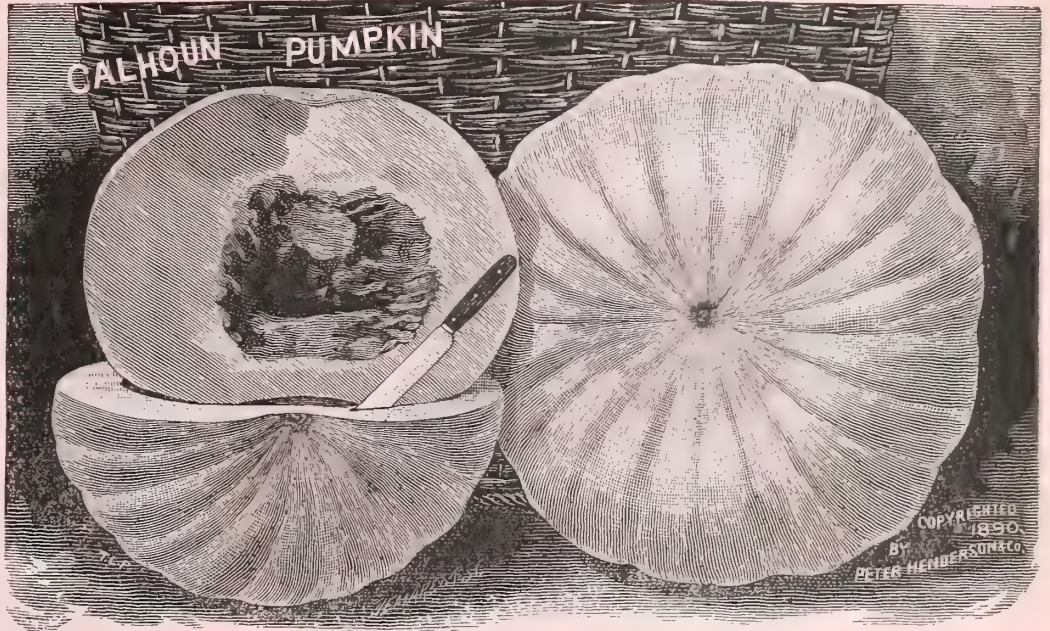
Pumpkins are now principally cultivated for agricultural purposes. They are usually planted in fields of Corn or Potatoes, but may be profitably raised in fields by themselves. Sow first of May in hills 8 feet apart.

If by mail in quantities of $\frac{1}{2}$ lb. and upward, postage must be added at the rate of 8c. per lb.

CALHOUN. We gave this variety a very thorough distribution last year, and wherever heard from, it gave the highest satisfaction, every one speaking of its superior quality. The outside color is a creamy brown; the inside flesh is a deep salmon yellow; the flesh is wonderfully thick and fine-grained, and the seed cavity very small. It cooks very yellow and makes pies of a high rich color and of the finest quality. This variety is entirely fixed in its character, every specimen being uniformly of the shape shown in the engraving. Any one using the **Calhoun Pumpkin** once will never use any other variety, so superior is it in quality. (See cut.) 10c. pkt., 25c. oz., 60c. $\frac{1}{4}$ lb., \$2.00 lb.

JONATHAN. A large bottle-shaped variety, with a crook neck; of most attractive appearance. It is very prolific, and the flesh is fine, clear and sweet, making it valuable for pies and other table uses. Its hard shell makes it an excellent keeper. 5c. pkt., 15c. oz., 30c. $\frac{1}{4}$ lb., \$1.00 lb.

LARGE CHEESE. A well-known variety, its fine flesh and rich color making it valuable for pies and table use, while its productiveness renders it useful for stock feeding. Where only one variety is needed the Cheese should always be planted. 5c. pkt., 10c. oz., 25c. $\frac{1}{4}$ lb., 60c. lb.



JUMBO. This is the variety to be grown where "the biggest pumpkin" is wanted. We have seen specimens weighing 250 pounds. The color of skin is a deep yellow, the flesh being of a lighter shade. Notwithstanding its enormous size it is delicious in quality and generally desirable. 10c. pkt., 25c. oz., 50c. $\frac{1}{4}$ lb., \$1.50 lb.

Large Tours, or Mammoth. Grows to an immense size, often weighing over 100 lbs. 5c. pkt., 10c. oz., 25c. $\frac{1}{4}$ lb., 60c. lb.

We can also supply the following standard varieties of Pumpkin, which are too well known to need description, at the uniform price of 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 50c. lb.:

Nantucket, Connecticut Field, Sugar.

RHUBARB.

German, *Rhubarber*.—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 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 greenhouse or warm cellar, as no light is necessary for the development of the stalk.

If by mail in quantities of $\frac{1}{2}$ lb. and upward, postage must be added at the rate of 8c. per lb.

ST. MARTIN'S. A new Scotch variety. It is immensely productive, one of the earliest, and has a rich, spicy flavor very similar to the gooseberry when used for pies or tarts. 20c. pkt., 75c. oz., \$2.50 $\frac{1}{4}$ lb.

Victoria. Very large; later than the Linnæus. 5c. pkt., 20c. oz., 60c. $\frac{1}{4}$ lb., \$1.75 lb.

Linnæus. Early and tender. 5c. pkt., 20c. oz., 60c. $\frac{1}{4}$ lb., \$1.75 lb.

For Rhubarb Roots, see page 147.

RADISH.

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

1 oz. for 100 feet of drill; 9 to 10 lbs. in drills for an acre.

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 $\frac{1}{2}$ lb. and upward, postage must be added at the rate of 8c. per lb.

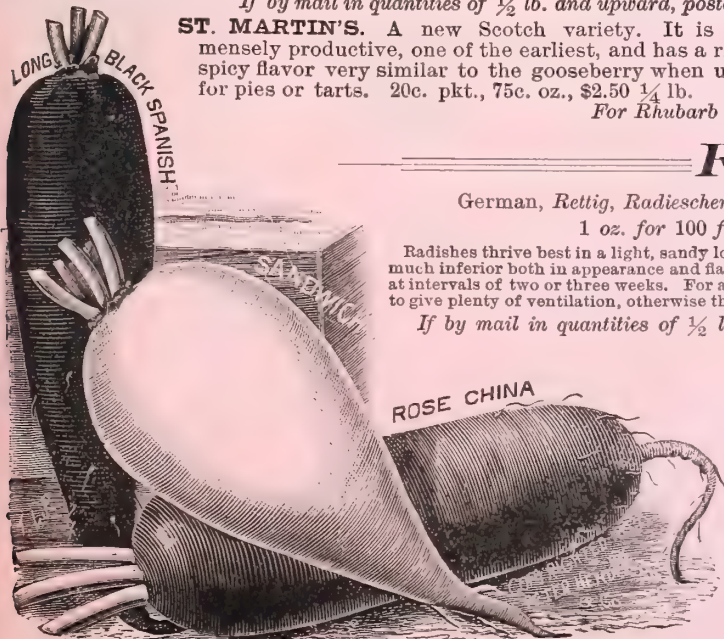
WINTER RADISHES.

ROSE CHINA WINTER. Bright rose color; flesh firm and piquant; fine for winter use. (See cut.) 5c. pkt., 10c. oz., 25c. $\frac{1}{4}$ lb., 75c. lb.

LONG BLACK SPANISH. One of the hardiest and best for winter use. (See cut.) 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 65c. lb.

CALIFORNIA MAMMOTH WHITE WINTER. A white-fleshed Radish of excellent quality. 5c. pkt., 10c. oz., 25c. $\frac{1}{4}$ lb., 75c. lb.

THE "SANDWICH." This variety is of a pure snow-white color, similar to the White Strasburg in shape, but rather more stump-rooted. We can recommend it to market gardeners as well as to private planters. (See cut.) 10c. per pkt., 25c. per oz., 70c. per $\frac{1}{4}$ lb.



WINTER RADISHES.

FOR SUMMER RADISHES, SEE NEXT PAGE (No. 50.)

RADISH—Early and Summer Varieties.

Early Olive-shaped Radishes.

FRENCH BREAKFAST. A variety of quick growth, mild and tender, and one of the best for forcing. Oval form, scarlet tipped with white. (See cut.) 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 60c. lb.

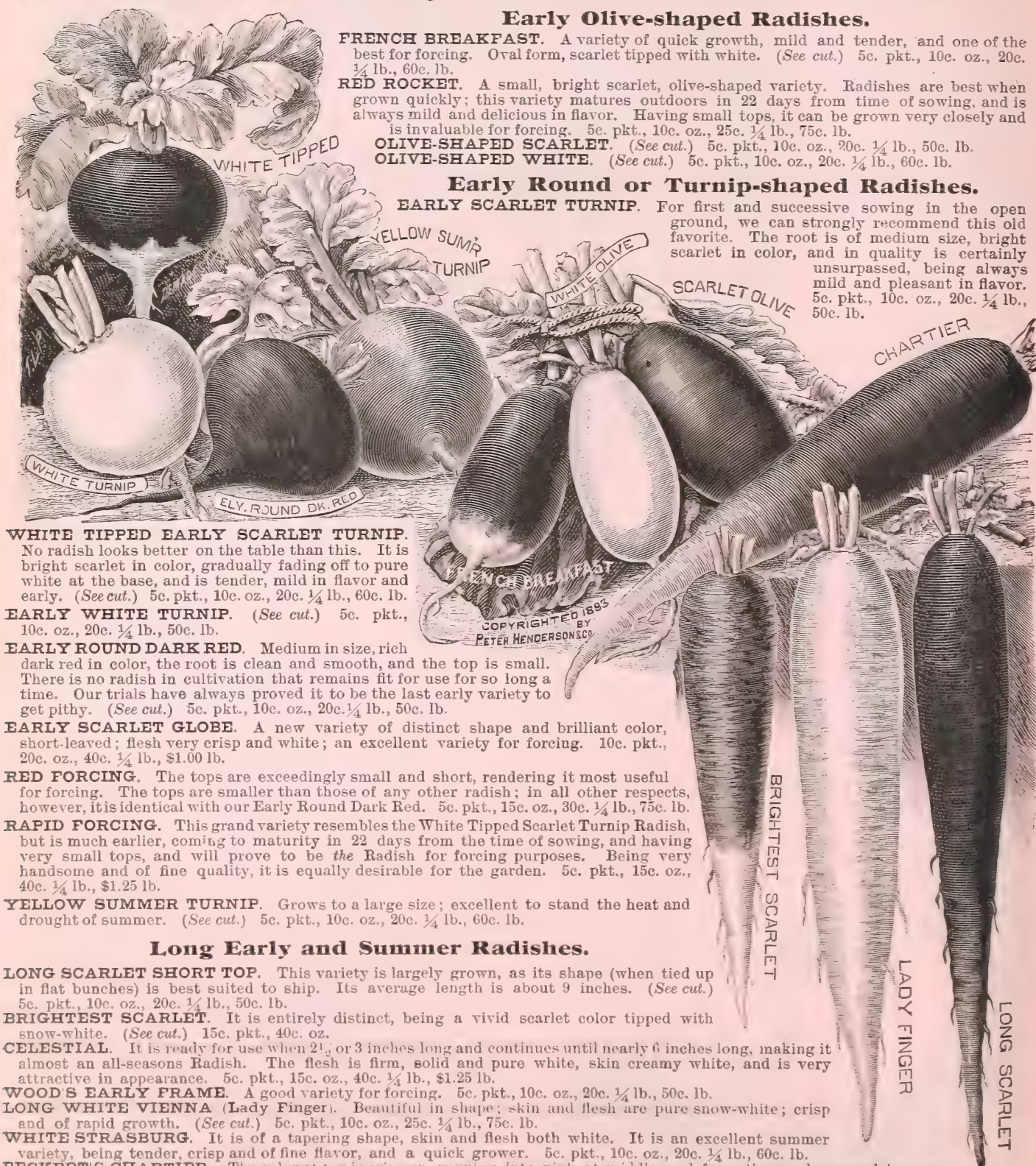
RED ROCKET. A small, bright scarlet, olive-shaped variety. Radishes are best when grown quickly; this variety matures outdoors in 22 days from time of sowing, and is always mild and delicious in flavor. Having small tops, it can be grown very closely and is invaluable for forcing. 5c. pkt., 10c. oz., 25c. $\frac{1}{4}$ lb., 75c. lb.

OLIVE-SHAPED SCARLET. (See cut.) 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 50c. lb.

OLIVE-SHAPED WHITE. (See cut.) 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 60c. lb.

Early Round or Turnip-shaped Radishes.

EARLY SCARLET TURNIP. For first and successive sowing in the open ground, we can strongly recommend this old favorite. The root is of medium size, bright scarlet in color, and in quality is certainly unsurpassed, being always mild and pleasant in flavor. 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 50c. lb.



WHITE TIPPED EARLY SCARLET TURNIP.

No radish looks better on the table than this. It is bright scarlet in color, gradually fading off to pure white at the base, and is tender, mild in flavor and early. (See cut.) 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 60c. lb.

EARLY WHITE TURNIP. (See cut.) 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 50c. lb.

EARLY ROUND DARK RED. Medium in size, rich dark red in color, the root is clean and smooth, and the top is small. There is no radish in cultivation that remains fit for use for so long a time. Our trials have always proved it to be the last early variety to get pithy. (See cut.) 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 50c. lb.

EARLY SCARLET GLOBE. A new variety of distinct shape and brilliant color, short-leaved; flesh very crisp and white; an excellent variety for forcing. 10c. pkt., 20c. oz., 40c. $\frac{1}{4}$ lb., \$1.00 lb.

RED FORCING. The tops are exceedingly small and short, rendering it most useful for forcing. The tops are smaller than those of any other radish; in all other respects, however, it is identical with our Early Round Dark Red. 5c. pkt., 15c. oz., 30c. $\frac{1}{4}$ lb., 75c. lb.

RAPID FORCING. This grand variety resembles the White Tipped Scarlet Turnip Radish, but is much earlier, coming to maturity in 22 days from the time of sowing, and having very small tops, and will prove to be the Radish for forcing purposes. Being very handsome and of fine quality, it is equally desirable for the garden. 5c. pkt., 15c. oz., 40c. $\frac{1}{4}$ lb., \$1.25 lb.

YELLOW SUMMER TURNIP. Grows to a large size; excellent to stand the heat and drought of summer. (See cut.) 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 60c. lb.

Long Early and Summer Radishes.

LONG SCARLET SHORT TOP. This variety is largely grown, as its shape (when tied up in flat bunches) is best suited to ship. Its average length is about 9 inches. (See cut.) 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 50c. lb.

BRIGHTEST SCARLET. It is entirely distinct, being a vivid scarlet color tipped with snow-white. (See cut.) 15c. pkt., 40c. oz.

CELESTIAL. It is ready for use when 2 $\frac{1}{2}$ or 3 inches long and continues until nearly 6 inches long, making it almost an all-seasons Radish. The flesh is firm, solid and pure white, skin creamy white, and is very attractive in appearance. 5c. pkt., 15c. oz., 40c. $\frac{1}{4}$ lb., \$1.25 lb.

WOOD'S EARLY FRAME. A good variety for forcing. 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 50c. lb.

LONG WHITE VIENNA (Lady Finger). Beautiful in shape; skin and flesh are pure snow-white; crisp and of rapid growth. (See cut.) 5c. pkt., 10c. oz., 25c. $\frac{1}{4}$ lb., 75c. lb.

WHITE STRASBURG. It is of a tapering shape, skin and flesh both white. It is an excellent summer variety, being tender, crisp and of fine flavor, and a quick grower. 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 60c. lb.

BECKERT'S CHARTIER. The color at top is crimson, running into pink at middle, and from thence downward is pure, waxy white. It will attain a very large size before it becomes unfit for use. (See cut.) 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 60c. lb.

GIANT WHITE STUTTGART. Quick growing, and therefore very early. Of the largest size, and both flesh and skin are pure white; quality fine, firm and brittle; never gets pithy. 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 60c. lb.

FOR WINTER RADISHES, SEE PREVIOUS PAGE (No. 49.)



SQUASH.

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

Bush sorts, 1 oz. for 50 hills. Bush varieties, 5 to 6 lbs., and running varieties, 3 to 4 lbs. in hills for an acre.

If by mail in quantities of 1/2 lb. and upward, postage must be added at the rate of 8 cts. per lb.

SUMMER SQUASH.

LONG ISLAND WHITE BUSH. (See *Novelties*, page 16.) 15c. pkt., 2 pkts. for 25c., 10 pkts. for \$1.00.

PINEAPPLE. An old favorite sort of fine quality. (See *cut.*) 5c. pkt., 10c. oz., 25c. 1/2 lb., 75c. lb.

MAMMOTH BUSH SUMMER CROOK-NECK. The crookneck class of squashes surpasses in quality any of the summer varieties, and in the MAMMOTH we have the delicious buttery flavor of the original sort, but of just double the size. (See *cut.*) 10c. pkt., 35c. oz., \$1.00 1/2 lb., \$3.00 lb.

GOLDEN CUSTARD BUSH. A valuable new variety, which exceeds in size any of the scalloped sorts, frequently attaining a diameter of 2 feet. The color is a dark,

rich golden yellow, and for quality cannot be excelled. It grows in bush form, and is wonderfully productive. (See *cut.*) 5c. pkt., 10c. oz., 30c. 1/2 lb., \$1.00 lb.

PERFECT GEM. Equally desirable either as a summer or winter Squash. The Squashes are from 4 to 6 inches in diameter, of a creamy white, with thin, smooth shell, slightly ribbed. (See *cut.*) 5c. pkt., 10c. oz., 20c. 1/2 lb., 60c. lb.

WHITE BUSH SCALLOPED. (Cylmlings.) This and the Yellow Bush are esteemed the earliest, and are grown almost exclusively for first crop. From the hard texture of the rind it is well suited for shipping, and they are grown exclusively at the South for that purpose. 5c. pkt., 10c. oz., 20c. 1/2 lb., 60c. lb.

YELLOW BUSH SCALLOPED. (Cylmlings.) Differs from the above only in color. 5c. pkt., 10c. oz., 20c. 1/2 lb., 60c. lb.

YELLOW BUSH SUMMER CROOKNECK. A much esteemed variety. The fruit is orange yellow, covered with warty excrescences. It is considered the best flavored of the summer varieties. 5c. pkt., 10c. oz., 20c. 1/2 lb., 60c. lb.

VEGETABLE MARROW. A favorite English sort. The fruit is very variable in size, from nine to eighteen inches in length, and from four to six inches in diameter. Skin a greenish yellow, flesh white, soft and of rich flavor. Plant eight feet apart. (See *cut.*) 5c. pkt., 15c. oz., 40c. 1/2 lb., \$1.00 lb.

WINTER SQUASH.

HENDERSON'S DELICATA. (See *Novelties and Colored Plate*, pages 20 and 21.) 15c. pkt., 2 pkts. for 25c., 10 pkts. for \$1.00.

MARBLEHEAD. An excellent variety resembling the Hubbard. The flesh is rather lighter in color than that variety, while its combination of sweetness, dryness and delicious flavor is remarkable. (See *cut.*) 5c. pkt., 10c. oz., 25c. 1/2 lb., 75c. lb.

MAMMOTH CHILLI. The largest of all Squashes; rather flat at both ends. Specimens have been known to attain the weight of 280 lbs. Its size makes it valuable for stock feeding, while its rich, fine-flavored flesh ensures its value for all other purposes. (See *cut.*) 10c. pkt., 20c. oz., 40c. 1/2 lb., \$1.25 lb.

HUBBARD. More largely grown as a late sort than any other. It is of large size, often weighing from nine to ten pounds. Color bluish green, occasionally marked with brownish orange or yellow. Flesh fine grained, dry and of excellent flavor. It can be had in use from September to May. (See *cut.*) 5c. pkt., 10c. oz., 25c. 1/2 lb., 75c. lb.

FORDHOOK. The flesh is dry and sweet, and one of the best in quality. Placed in a cool, dry room, it keeps in perfect condition throughout the winter and spring until late in June, when Summer Squashes are ready. (See *cut.*) 5c. pkt., 15c. oz., 40c. 1/2 lb., \$1.25 lb.

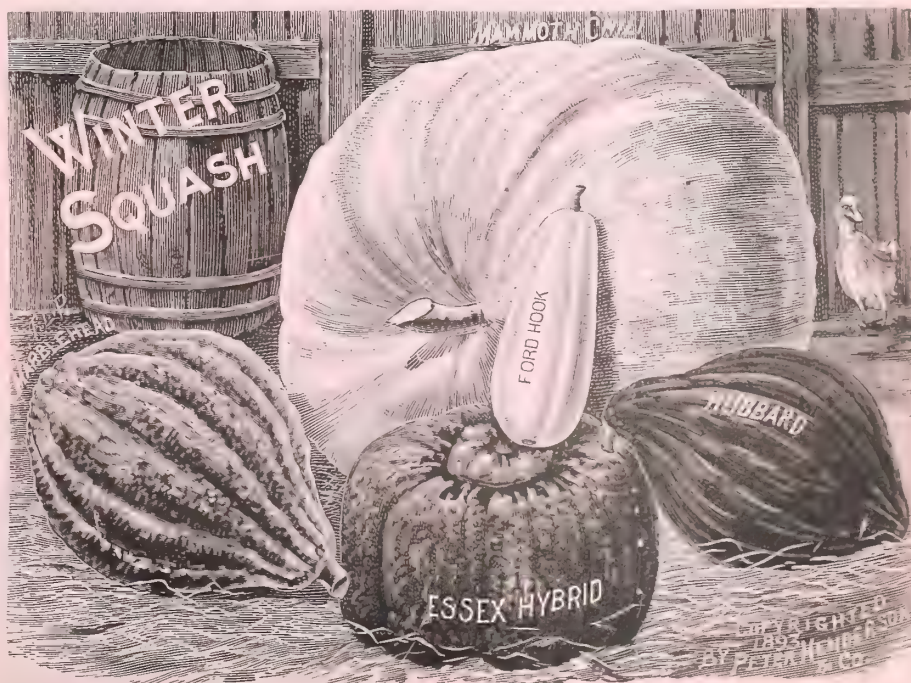
ESSEX HYBRID. Distinct in appearance, of a short cylindrical shape, having on the blossom end a small cap-shaped enlargement. The flesh is dry, sweet and thick, and of a bright orange color, while its keeping qualities are admirable. Those desiring a "dry" Squash should grow **ESSEX HYBRID.** (See *cut.*) 5c. pkt., 10c. oz., 25c. 1/2 lb., 75c. lb.

BOSTON MARROW. This variety may be termed second early, coming in about ten days after the Bush and Crookneck sorts. The skin, which is of a yellowish shade, is very thin, the flesh dry and fine-grained, and of unsurpassed flavor. 5c. pkt., 10c. oz., 20c. 1/2 lb., 60c. lb.

BAY STATE. Extremely solid, of heavy weight, fine and dry flesh, of sweet flavor, of a beautiful bright golden yellow, very handsome; shell extremely hard and flinty; an excellent keeper. 5c. pkt., 10c. oz., 25c. 1/2 lb., 80c. lb.

EARLY PROLIFIC MARROW. Fruits are shaped somewhat like Boston Marrow, but it is much earlier and of a beautiful orange color, suffused with light yellow. The rind is very hard, but thin, and the flesh is deep, fine-grained, and of delicious quality. 5c. pkt., 10c. oz., 25c. 1/2 lb., 80c. lb.

WINTER CROOKNECK. A variety largely grown in some of the Eastern States. Flesh close-grained, sweet and fine-flavored. 5c. pkt., 10c. oz., 25c. 1/2 lb., 75c. lb.





HENDERSON'S NORFOLK SAVOY-LEAVED SPINACH.

SPINACH.

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

1 oz. for 100 ft. of drill. 10 to 12 lbs. in drills for an acre.

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 $\frac{1}{2}$ lb. and upward, postage must be added at the rate of 8c. per lb.

HENDERSON'S NORFOLK SAVOY LEAVED. In appearance the leaf is wrinkled in the same way peculiar to the Savoy Cabbage. Hence the name. It should not, however, be sown in spring in the latitude of New York, as it is almost certain to run to seed if then sown. (See cut.) 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 40c. lb.

THICK LEAVED. One of the best market sorts. It produces a large, thick, strong green leaf, somewhat crumpled, and possesses the valuable quality of standing a long time before running to seed. (See cut.) 5c. pkt., 10c. oz., 15c. $\frac{1}{4}$ lb., 35c. lb.

LONG STANDING. Except in the characteristic of standing a long time before running to seed, this variety in all other respects closely approaches the well-known Round Leaf. (See cut.) 5c. pkt., 10c. oz., 15c. $\frac{1}{4}$ lb., 35c. lb.

ROUND LEAVED. Generally cultivated for winter use, being very hardy, standing our severest winters with little injury. 5c. pkt., 10c. oz., 15c. $\frac{1}{4}$ lb., 35c. lb.

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. 5c. pkt., 10c. oz., 30c. $\frac{1}{4}$ lb., \$1.00 lb.

LARGE ROUND LEAVED VIROFLAY. A newer sort with very large, thick leaves. 5c. pkt., 10c. oz., 15c. $\frac{1}{4}$ lb., 35c. lb.

PRICKLY. Although usually sown in the spring and summer it also stands well in winter, but gives less bulk per acre than the others named. 5c. pkt., 10c. oz., 15c. $\frac{1}{4}$ lb., 35c. lb.

SCORZONERA, OR BLACK OYSTER PLANT.

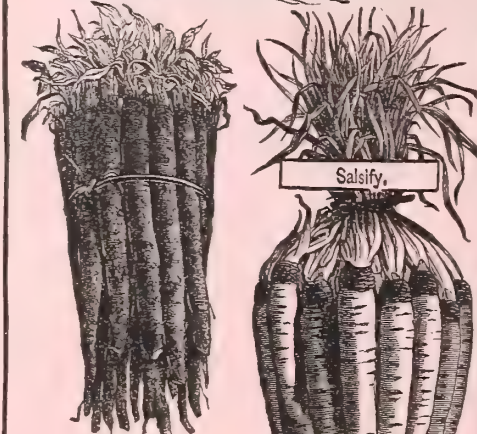
This vegetable requires the same treatment as Salsify, which it nearly resembles; it is not, however, so generally esteemed. Sow in drills eighteen inches apart, and thin out to nine inches from plant to plant. If by mail in quantities of $\frac{1}{2}$ lb. and upward, postage must be added at the rate of 8c. per lb. (See cut.) 10c. pkt., 25c. oz., 75c. $\frac{1}{4}$ lb., \$2.50 lb.



Thick-leaved Spinach.



LONG-STANDING SPINACH



Salsify.

Scorzonera.



Sea-Kale.



Tobacco.



SALSIFY, or OYSTER PLANT.

German, *Bocksbart*.—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 $\frac{1}{2}$ lb. and upward, postage must be added at the rate of 8c. per lb.

WHITE FRENCH. 5c. pkt., 10c. oz., 30c. $\frac{1}{4}$ lb., \$1.00 lb.

MAMMOTH SANDWICH ISLAND. A new and improved type, producing roots of nearly double the size and weight of the old variety, and of equally good quality. It has been extensively grown for the markets of many of the large cities, entirely superseding the old sort. (See cut.) 10c. pkt., 20c. oz., 40c. $\frac{1}{4}$ lb., \$1.50 lb.

SEA-KALE.

German, *Seekohl* *Meerkohl*.—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, when blanched, like Celery, the plants must be excluded from the light by covering up with leaves or litter.

(See cut.) 10c. pkt., 30c. oz., \$1.00 $\frac{1}{4}$ lb., \$3.50 lb.

For Sea-Kale Roots, see page 55.

SORREL.

BROAD LEAVED. Used for Salads. 5c. pkt., 15c. oz., 40c. $\frac{1}{4}$ lb., \$1.25 lb.

TOBACCO SEED.

If by mail in quantities of $\frac{1}{2}$ lb. and upward, postage must be added at the rate of 8c. per lb.

PRIMUS. The earliest sort of all; succeeds well in Canada, and is specially adapted for planting far north. 10c. pkt., 30c. oz., \$1.00 $\frac{1}{4}$ lb.

CONNECTICUT SEED LEAF. 10c. pkt., 30c. oz., \$1.00 $\frac{1}{4}$ lb.

IMPORTED HAVANA. 10c. pkt., 30c. oz., \$1.00 $\frac{1}{4}$ lb.

ZIMMER'S SPANISH. The earliest and best American-Spanish, and a favorite cigar variety, increasing in demand and culture every year. 10c. pkt., 30c. oz., \$1.00 $\frac{1}{4}$ lb.

We can also supply the following standard varieties, which are too well known to need description, at 10c. pkt., 30c. oz., \$1.00 $\frac{1}{4}$ lb.:

Sterling,
Granville County
Yellow,
Tuckahoe,
Gold Leaf,
Hester,
Yellow Oronoko,

Hyc,
Yellow Pryor,
White Stem,
Florida,
Virginia,
Kentucky,
Maryland.

TOMATO.

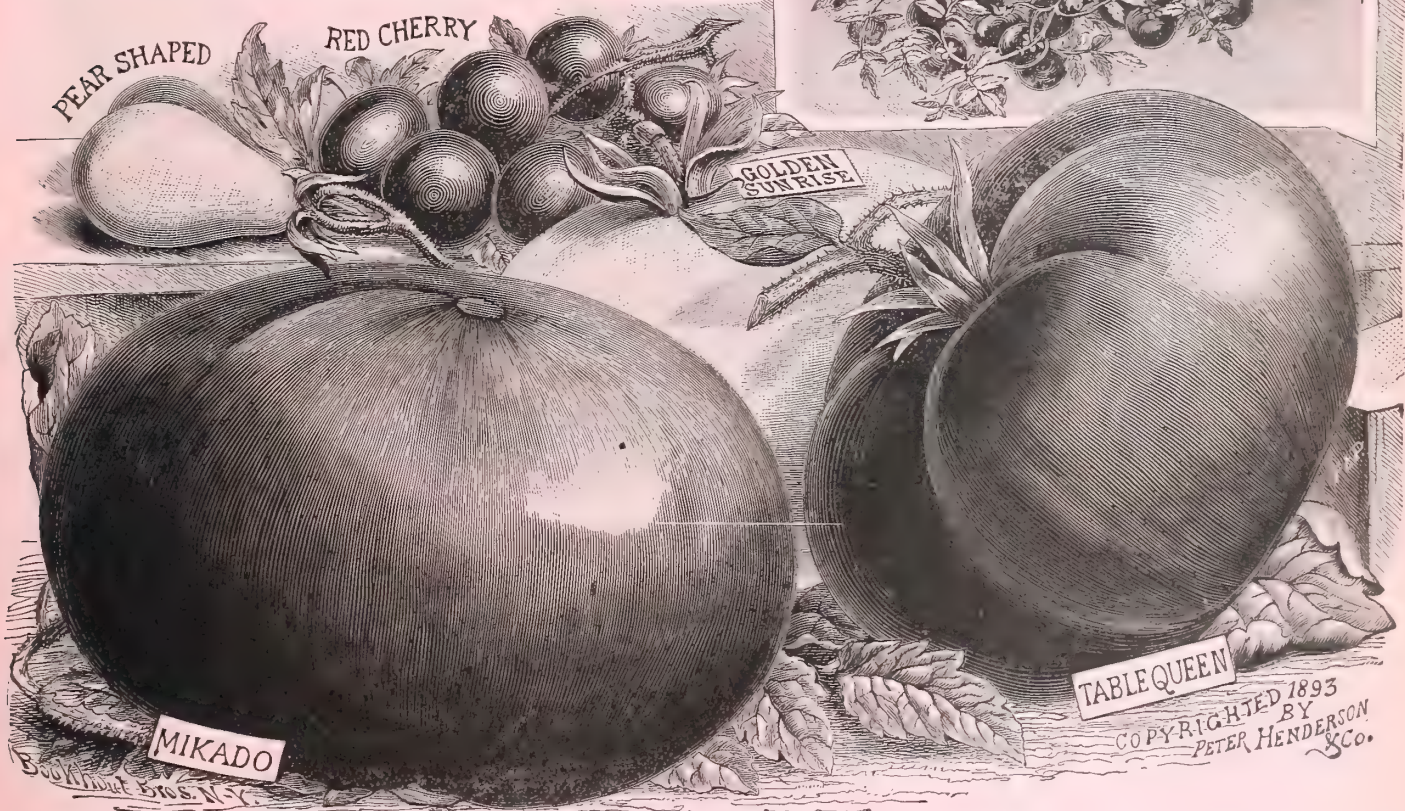
German, *Liebesapfel*.—French, *Tomate*.—Spanish, *Tomate*.

Sow in a hot-bed, greenhouse, or window in a sitting room, where night temperature is not less than 60 degrees, about the first week in March, in drills five inches apart and half an inch deep. 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.

1 oz. for 1,500 plants; $\frac{1}{4}$ lb. (to transplant) for an acre.
If by mail in quantities of $\frac{1}{2}$ lb. and upward, postage must be added at the rate of 8c. per lb.

(For Tomato Plants, see page 147.)

"EARLY RUBY." The great value of this variety lies in the fact that it is by far the earliest of all the large-sized Tomatoes which combine good form, rich crimson color and solidity, and it is certain to prove the leading market variety. (See cut.) Price, 10c. pkt., 35c. oz., \$1.25 $\frac{1}{4}$ lb., \$4.00 lb.

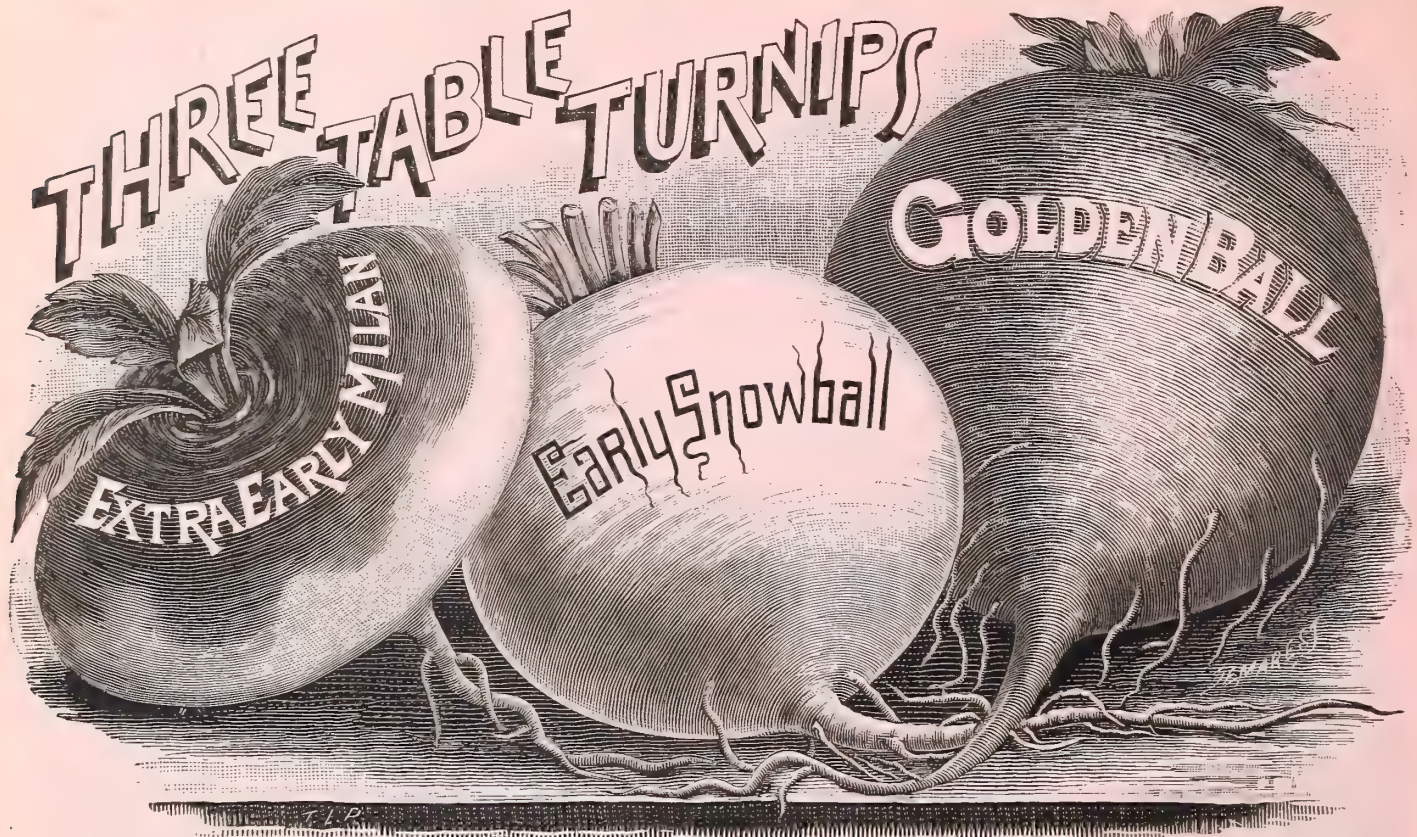


PONDEROSA (No. 400). (See description and colored plate, pages 19, 20 and 21.) 10c. per pkt., 75c. per oz., \$2.50 per $\frac{1}{4}$ lb.
TABLE QUEEN. As large as the Mikado, but perfectly smooth and round. For slicing it is the Tomato "PAR EXCELLENCE" as it is wonderfully solid and contains comparatively few seeds. The color is a rich crimson, and of a most agreeable flavor. (See cut.) Price, 10c. pkt., 40c. oz., \$1.50 $\frac{1}{4}$ lb., \$5.00 lb.
DWARF CHAMPION. Most distinct and valuable. Dwarf, stiff habit, scarcely needing any support. It is very early and wonderfully prolific. Color same as Acme. Is perfectly round and smooth, of medium size. 5c. pkt., 25c. oz., 75c. $\frac{1}{4}$ lb., \$2.50 lb.
ESSEX HYBRID. This is an old favorite possessing many good qualities. It follows close after Early Ruby, and is the first of its type to ripen. Fruit is of medium size, very solid, and in color is purplish pink. 5c. pkt., 20c. oz., 60c. $\frac{1}{4}$ lb., \$2.00 lb.
BEAUTY. Handsome, medium-sized and smooth; a good yielder, continuing late in the season. It ripens with the Acme and Perfection. It is a good shipper on account of its solidity. Price, 5c. pkt., 20c. oz., 60c. $\frac{1}{4}$ lb., \$2.00 lb.
THE MIKADO. Notwithstanding that it produces very large fruit, it is at the same time one of the very earliest to ripen. The Tomatoes are produced in immense clusters, are perfectly solid, generally smooth, but sometimes irregular. The color is purplish red. Foliage distinct from any other variety. (See cut.) 5c. pkt., 25c. oz., 75c. $\frac{1}{4}$ lb., \$2.50 lb.
PEACH. Very distinct; fruit of uniform size, resembling a peach in shape, size, bloom and color, which is a deep orange rose. 10c. pkt., 25c. oz., 80c. $\frac{1}{4}$ lb., \$3.00 lb.

TROPHY, EXTRA SELECTED. Saved only from specimens of perfect form. 10c. pkt., 30c. oz., \$1.00 $\frac{1}{4}$ lb., \$3.00 lb.
FAVORITE. Large and most perfect shape. 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. Price, 5c. pkt., 20c. oz., 60c. $\frac{1}{4}$ lb., \$2.00 lb.
PERFECTION. The fruit is almost round, ripens clear up to the stem, is solid and rich in flavor. The skin is both thin and tough, making it a good shipper, while its clear, bright scarlet color makes it most attractive. 5c. pkt., 20c. oz., 60c. $\frac{1}{4}$ lb., \$2.00 lb.
ACME. Early, of medium size, perfectly smooth, very solid and a great bearer. Color crimson, with a pinkish tinge. 5c. pkt., 20c. oz., 60c. $\frac{1}{4}$ lb., \$2.00 lb.
THE SHAH. A sport from the "Mikado," with which it is identical, except in color, which is a dark, waxy yellow. Price, 10c. pkt., 30c. oz., \$1.00 $\frac{1}{4}$ lb., \$3.00 lb.
GOLDEN SUNRISE. It has all the good qualities of the best red varieties and is of a beautiful golden-yellow color, making it invaluable for slicing and mixing with red varieties for table use. (See cut.) 5c. pkt., 25c. oz., 75c. $\frac{1}{4}$ lb., \$2.75 lb.

We can also supply the following standard varieties of Tomatoes, which are too well known to need description, at the uniform price of 5c. pkt., 20c. oz., 70c. $\frac{1}{4}$ lb., \$2.50 lb.:

- | | | |
|-------------------------------|----------------------------|--------------|
| Paragon, | Red Cherry (See cut), | The Trophy, |
| Strawberry, or Winter Cherry, | | Yellow Plum, |
| The Lorillard, | Pear-shaped Red (See cut), | Ignotum. |



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— TURNIP. —

German, *Steckrübe*.—French, *Navet*.—Spanish, *Nabo Coman*. 1 oz. for 150 feet of drill; 1 to 2 lbs. in drills for an acre.

Turnips do best in highly enriched, light, sandy or gravelly soils; 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 crop. 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 frost sets 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 $\frac{1}{2}$ lb. and upward, postage must be added at the rate of 8c. per lb.

RED TOP STRAP LEAF. Rapid grower and of mild flavor, the most popular variety for early use, either for the table or for stock. 5c. pkt., 10c. oz., 15c. $\frac{1}{4}$ lb., 40c. lb.

EXTRA EARLY MILAN. This variety is by long odds the earliest in cultivation. In shape it is quite flat, the bulb being usually $3\frac{1}{2}$ inches in diameter and 1 inch deep, with a small tap root; the leaves start clear away from the crown, two most desirable features. The leaves are very small and entire or strap-leaved, growing very compact, which makes it valuable for close planting and forcing in frames. The color is bright reddish purple above ground and clear white underneath, making it most attractive in appearance. (See cut.) 5c. pkt., 10c. oz., 25c. $\frac{1}{4}$ lb., 80c. lb.

Early White Strap Leaf. Differs from the red only in color. 5c. pkt., 10c. oz., 15c. $\frac{1}{4}$ lb., 40c. lb.

Early Snowball. A medium-sized, round, pure white variety of excellent flavor. For early sowing this is one of the best, being crisp, tender and sweet; maturing in six weeks from time of sowing. (See cut.) 5c. pkt., 10c. oz., 25c. $\frac{1}{4}$ lb., 75c. lb.

LONG WHITE or COW HORN. Matures very quickly; roots shaped like a Carrot, about half of which are formed above ground; flesh white, fine grained and sweet, and of excellent quality for table use. 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 50c. lb.

WHITE EGG. 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. 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 50c. lb.

PURPLE TOP WHITE GLOBE. An early variety, globe-shaped; heavy cropper; in other respects similar to the Red Top Strap Leaf. A handsome-looking bulb, and is rapidly taking the lead of all other varieties of early Turnip for market garden purposes. 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 50c. lb.

Early Flat Dutch. An excellent garden variety resembling White Strap Leaf, the best variety for spring sowing. 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 45c. lb.

GOLDEN BALL or ORANGE JELLY. This is the most distinct yellow turnip we know. The flesh is of very fine texture, making it one of the best table varieties. Its beautiful color and fine flesh have earned for it the synonym of "Orange Jelly," which well describes its appearance when ready for the table. The bulb is of medium size, with small tap roots, and is early in maturing. (See cut.) 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 50c. lb.

YELLOW STONE. One of the best and most popular yellow-fleshed varieties for table use; it is equally good for feeding stock. 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 60c. lb.

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 and table use. 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 50c. lb.

Purple Top Yellow Aberdeen. Very hardy and productive, good keeper, globe-shaped and fine quality. 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 50c. lb.

RUTA BAGA, RUSSIAN, OR SWEDISH TURNIP. See descriptions, page 58.

Long Island Improved. 5c. pkt., 10c. oz., 25c. $\frac{1}{4}$ lb., 60c. lb.

Large White French. 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 50c. lb.

Improved American. 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 50c. lb.

Laing's Improved. 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 50c. lb.

Our Prices this Season are lower than ever. Read what we say on this subject on pages 1 and 2.



SEEDS FOR BIRDS.



CHUFAS.



HORSE-RADISH.



JERUSALEM ARTICHOKES.

MISCELLANEOUS SEEDS AND ROOTS.

Bird Seeds.

If by mail, postage must be added at the rate of 5c. per lb.

Henderson's Mixed Bird Seed has become famous for its superior quality. We use nothing but freshest high-grade seed free from mildew and dust. Our blend of seeds is particularly relished by canaries. 10c. per lb., \$6.00 per 100 lbs.

Canary. Best Sicily. 10c. per lb., \$5.50 per 100 lbs.

Hemp. 10c. per lb., \$6.00 per 100 lbs.

Lettuce. 5c. oz., 40c. lb.

Maw. 20c. lb., \$16.00 per 100 lbs.

Millet. 10c. per lb., \$3.50 per 100 lbs.

Rape. 10c. per lb., \$7.00 per 100 lbs.

Vetches for Pigeons. 10c. per lb., \$6.00 per 100 lbs.

Vegetable Roots and Plants.

Artichokes, Jerusalem. (See cut.) 25c. qt., \$1.25 peck, \$4.00 bush., 3 lbs. by mail, 75c.

Artichoke, Globe, Plants. 20c. each, \$2.00 per doz.

Asparagus Roots. (See page 23.)

CHUFAS, OR EARTH ALMOND. The nut-like tubers grow near the surface of the ground, where they are easily dug out by pigs or poultry. They are very sweet and nutritious. Easily and cheaply grown, abundant in yield, greedily eaten by hogs, which take on firm fat from them. They mature in September, and lie in the soil till wanted, or pigs can be turned into the patches. One peck of seed per acre. (See cut.) Per package, 10c.; pint, by mail, 35c. By express, per pint, 30c.; per peck, \$1.50; per bush., \$5.00.

Chives. (See cut.) 25c. per bunch or clump.

Hop. 20c. each, \$2.00 per doz.

Horse-Radish Roots. 25c. doz., 75c. 100, \$6.00 1,000.

Mint. 20c. each, \$2.00 per doz., \$8.00 per 100.

Rhubarb Roots. (See page 147.)

Sea-Kale Roots. (See cut.) 20c. each, \$2.00 per doz., \$14.00 per 100.

Tarragon Plants. 35c. each, \$3.50 per doz.

Sweet, Pot and Medicinal Herbs.

Basil, Sweet. The leaves and tops of the shoots are used for highly seasoned dishes, soups, stews and sauces; a leaf or two are sometimes introduced into salads. 5c. pkt., 20c. oz.

Borage. Much used in claret and other drinks. An excellent bee plant. 5c. pkt., 15c. oz.

Catnip. 10c. pkt., 50c. oz.

Dill. The leaves are used in soups and sauces, and for flavoring pickles. 5c. pkt., 10c. oz., 25c. ¼ lb., 75c. lb.

HERBS—Continued.

Fennel. The leaves boiled enter into many fish sauces, and raw form a beautiful ornament. 5c. pkt., 10c. oz., 25c. ¼ lb.

Hop Seed. 25c. pkt., \$1.50 oz.

Horhound. Principally used for medicinal purposes. 5c. pkt., 30c. oz.

Lavender. A popular aromatic herb. 5c. pkt., 20c. oz., 60c. per ¼ lb.

Marjoram, Sweet. For seasoning. 5c. pkt., 20c. oz., 60c. ¼ lb.

Sage. The leaves and tender tops are used in stuffing and sauces. (See cut.) 5c. pkt., 20c. oz., 60c. ¼ lb., \$2.00 lb.

Savory, Summer. Used for seasoning. 5c. pkt., 20c. oz., 50c. ¼ lb., \$1.50 lb.

Thyme, Broad-leaved. For seasoning, etc. 5c. pkt., 40c. oz., \$1.25 ¼ lb.

Wormwood. Used for medicinal purposes; it is also beneficial to poultry, and should be planted in poultry grounds. 5c. pkt., 35c. oz.

We can also supply the following varieties of Herbs, which are too well known to need description, at 5c. pkt., 20c. oz.:

- | | |
|----------------|---------------|
| Anise, | Bene, |
| Henbane, | Cumin, |
| Pot Marjoram, | Hyssop, |
| Saffron, | Rosemary, |
| Balm, | Tansy, |
| Coriander. | Caraway, |
| (See cut.) | Ellecampane, |
| Opium Poppy, | Pot Marigold. |
| Winter Savory, | |

Miscellaneous Seeds.

ARTICHOKE, Large Globe. Grown for the unripe flower heads, which are highly esteemed by epicures. 10c. pkt., 30c. oz.

Caper. The buds and unripe fruit make the famous "Caper Sauce." 15c. pkt., \$1.00 oz.

Chicory, Large Rooted. Used to mix with or as a substitute for coffee. Cultivation the same as for Carrot. 5c. pkt., 10c. oz., 30c. ¼ lb., \$1.00 lb.

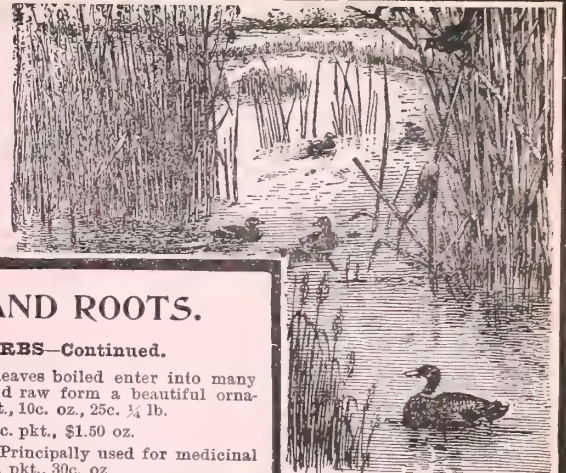
Wild Rice (Zizania Aquatica). Much sought after owing to its having attractions for water fowl. (See cut.) 25c. lb. If by mail, 35c. lb., \$20.00 per 100 lbs.

Tree Seeds.

"Trees can be as easily grown from seeds as the most common vegetable."—FULLER.

OUR DESCRIPTIVE PRICE LIST (MAILED FREE TO ALL APPLICANTS)

of Seeds of the leading varieties of Deciduous and Evergreen Ornamental, Shade, Forest, Hedge and Fruit, Tree and Shrub Seeds. We give complete directions for growing trees from seeds on each package.



WILD RICE.



CORIANDER.



SAGE.



TREE SEEDS.



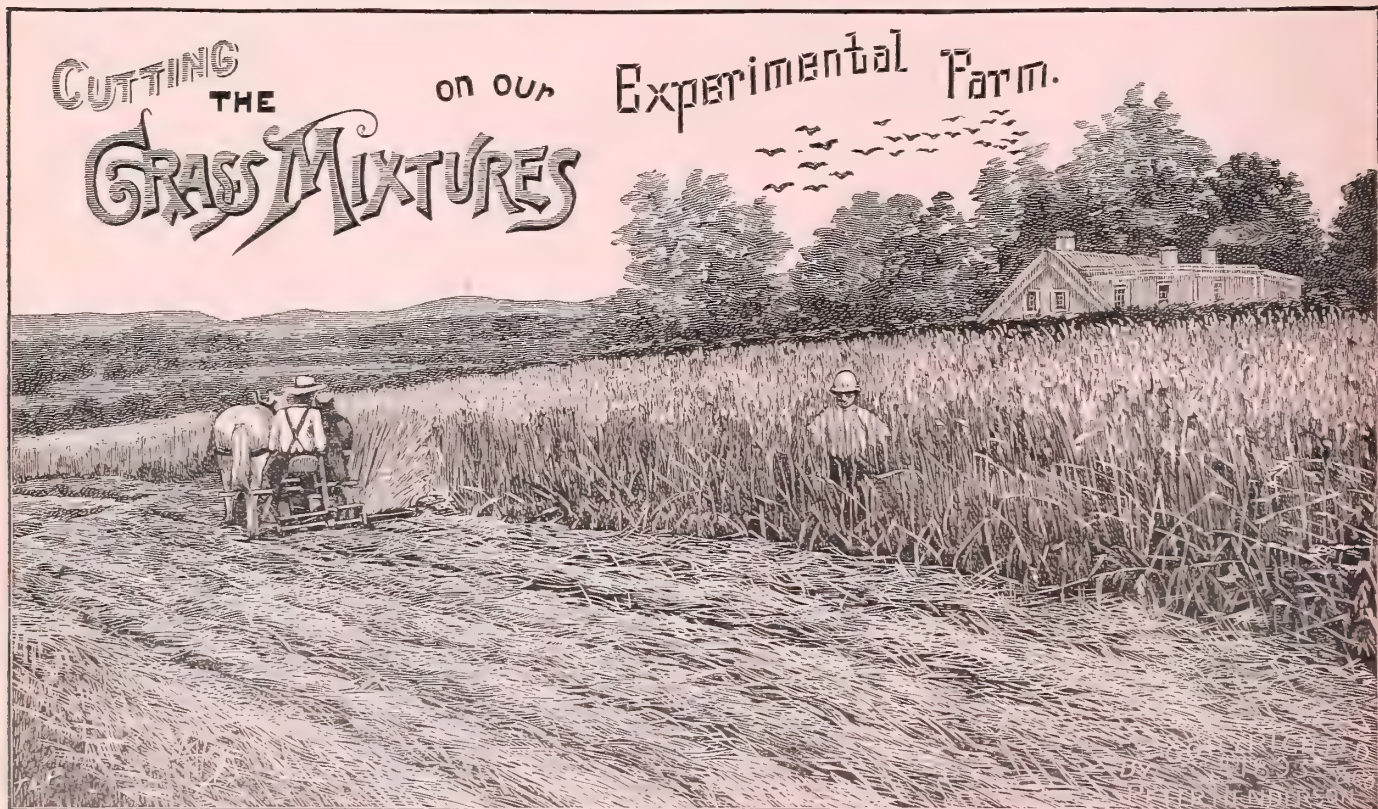
SEA KALE.



CHIVES.

Department OF FARM SEEDS

As we issue a very full and complete Catalogue of Farm Seeds, we only give here a simple list and prices of the more important articles in this department. For full description of varieties, etc., see **HENDERSON'S AMERICAN FARMERS' MANUAL**, which will be sent free on application.



Country Gentleman says: "Below the taller grasses was a thick mat of finer kinds, and the close, rich turf hid every particle of soil."

American Agriculturist says: "Such mixtures are far superior to Timothy, or 'Timothy and Clover,' or any one grass, costing but a little more, lasting much longer, and giving frequently more than double the yield."

Farm and Home says: "The enormous yield of nearly four and one-half tons of good hay per acre should convince any one that more hay and better pasture can be grown with mixtures than with Timothy and Clover alone, as under the very same conditions the latter yielded less than a ton and a half per acre."

HENDERSON'S SPECIAL GRASS MIXTURE for PERMANENT PASTURE, consisting of the following varieties, Orchard Grass, Meadow Foxtail, Sheep's Fescue, Rhode Island or Creeping Bent, Hard Fescue, Sweet Scented Vernal (True Perennial), Meadow Fescue, English Rye Grass, Italian Rye Grass, Red Top, etc., as recommended in our book, "**How the Farm Pays**," blended in proportions which, we have found from actual use, gives the most satisfactory results.

On ordinary fertile soil 3 bushels of this mixture is sufficient to seed an acre, but where the land is poor a larger quantity will be necessary. Taking one soil with another a fair average would be 3 bushels to the acre.

To this mixture, intended for either Mowing Lands or Pasture (but which on account of its greater weight should be sown separately), should be added 10 lbs. of Mixed Clovers, comprising White, Mammoth Perennial or Cow Grass, Alsike, Trefoil, etc., but this must be sown in the Spring, as it is rather tender in this latitude if sown in the Fall.

The quantity needed (10 lbs.) of **MIXED CLOVERS** to sow an acre we will sell for \$2.00.

Henderson's Special Grass Mixture for Hay and Permanent Pasture for Light Soils . .	} \$2.50 per bushel of 14 lbs.
" " " " " " " " Medium Soils	
" " " " " " " " Heavy Soils	
" " " " " " " " Orchards and Shady Places	
" " " " " " " " Hay only	
" " " " " " " " Permanent Pasture only	

20-bushel lots and upward, \$2.25 per bushel. Special quotations for **LARGE** quantities.

HENDERSON'S SPECIAL GRASS MIXTURE for TEMPORARY PASTURE, consisting of Tall Meadow Oat Grass, Orchard Grass, English Rye Grass, Italian Rye Grass, Meadow Foxtail, Hard Fescue, Sheep's Fescue and Meadow Fescue, Red Clover, White Clover, Alsike, Crimson Clover, Trefoil and Timothy, blended in their proper proportions for the time specified.

- For one year: 1 bushel Mixed Grasses, \$2.00. 10 lbs. Mixed Clovers, \$1.75. Total cost per acre, \$3.75.
- For two years: 2 bushels Mixed Grasses, \$4.00. 10 lbs. Mixed Clovers, \$1.75. Total cost per acre, \$5.75.
- For three or four years: 3 bushels Mixed Grasses, \$6.75. 10 lbs. Mixed Clovers, \$1.75. Total cost per acre, \$8.50.

Complete List of Grasses and Clovers.

Prices subject to variation. Special quotations for large quantities.

For full descriptions see "HENDERSON'S AMERICAN FARMERS' MANUAL," free on application.

For the first time we offer Grass Seeds and Clover by the lb., 100 lbs. and bushel. At the same time we give the average weight per bushel.

	Weight per bush.	Per bushel.	Per lb.	Per 100 lbs.		Weight per bush.	Per bushel.	Per lb.	Per 100 lbs.
Awnless Brome Grass. (<i>Bromus Inermis</i> .) Will stand long droughts and produce heavy crops in dry sections where other grasses would perish.....	14 lbs.	\$5.25	\$0.40	\$ 35.00	Sweet Vernal, True Perennial. (<i>Anthoxanthum Odorum</i> .).....	10 lbs.	\$9.00	\$1.00	\$85.00
Bermuda Grass. (<i>Cynodon Dactylon</i> .).....	35 lbs.		1.50	125.00	Tall Meadow Fescue. (<i>Festuca Elatior</i> .) Very early, nutritive and productive.....	14 lbs.	4.50	.35	30.00
Creeping Bent Grass. (<i>Agrostis Stolonifera</i> .) Excellent for lawns, succeeds well in most situations.....	20 lbs.	3.50	.20	16.00	Tall Meadow Oat Grass. (<i>Avena Elatior</i> .) Recommended for soiling, being rapid and luxuriant in its growth.....	10 lbs.	2.25	.25	20.00
Crested Dog's Tail. (<i>Cynosurus Cristatus</i> .) Should enter in moderate quantity in permanent pasture mixtures.....	21 lbs.	9.00	.45	40.00	Timothy, or Herd Grass. (<i>Phleum Pratense</i> .) We offer a particularly "choice" sample. From ½ to 1 bush. per acre. Price subject to change without notice.....	45 lbs.	2.75	.10	5.60
English Eye Grass. (<i>Lolium Perenne</i> .) A valuable grass.....	24 lbs.	2.65	.12	10.00	Texas Blue Grass. (<i>Poa Arachnifera</i> .) 20c. per pkt., 40c. per oz., \$1.00 per ¼ lb.			3.50 300.00	
Fine Leaved Sheep's Fescue. (<i>Festuca Ovina Tenusifolia</i> .).....	14 lbs.	4.25	.35	28.00	Various Leaved Fescue. (<i>Festuca Heterophylla</i> .)... 14 lbs. 3.50 .30 24.00				
Fowl Meadow Grass. (<i>Poa Serotina</i> .) Uncleaned seed.....	12 lbs.	3.00	.30	22.00	Wood Meadow Grass. (<i>Poa Nemoralis</i> .) Of early growth and thriving well under trees.....	14 lbs.	6.25	.50	42.00
Hard Fescue. (<i>Festuca Duriuscula</i> .).....	12 lbs.	2.50	.25	18.00	Yellow Oat Grass. "True." (<i>Avena Flavescens</i> .) Good for dry pastures and meadows.....	7 lbs.	6.50	1.00	85.00
Hungarian Grass. (<i>Panicum Germanicum</i> .) Is a valuable annual forage plant, 1 bushel to the acre..	48 lbs.	1.75	.10	3.50	Alfalfa or Lucerne. (<i>Medicago Sativa</i> .) In light soils, particularly in southern latitudes, it is invaluable....	60 lbs.	10.50	.20	16.00
Italian Eye Grass. (<i>Lolium Italicum</i> .).....	18 lbs.	2.25	.15	11.00	Aisike or Hybrid Clover. (<i>Trifolium Hybridum</i> .) Equal in nutritive value to the Red or Pea Vine Clover.	60 lbs.	16.50	.30	25.00
Johnson Grass. (<i>Sorghum Halapense</i> .).....	25 lbs.	3.50	.20	12.00	Bokhara Clover. (<i>Melilotus Leucantha</i> .) Affords excellent food for bees throughout its season.....	60 lbs.	22.50	.40	35.00
Kentucky Blue Grass. (<i>Poa Pratensis</i> .) Choice... — Fancy or double extra clean.....	14 lbs.	1.75	.15	11.00	Cow Grass, Mammoth or Pea Vine Clover. (<i>Trifolium pratense perenne</i> .).....	60 lbs.	16.50	.30	26.00
Meadow Fescue. (<i>Festuca Pratensis</i> .).....	22 lbs.	4.50	.25	18.00	Japan Clover. (<i>Lespedeza Striata</i> .).....	20 lbs.	6.50	.35	30.00
Meadow Foxtail. (<i>Alopecurus Pratensis</i> .).....	7 lbs.	1.80	.30	24.00	Red Clover, Medium. (<i>Trifolium Pratense</i> .) Price subject to change without notice.....	60 lbs.	9.50	.18	15.00
Meadow, Soft or Velvet Grass. (<i>Holcus Lanatus</i> .)	7 lbs.	1.50	.25	20.00	Scarlet Clover. (<i>Trifolium Incarnatum</i> .) Sow in July or August for soiling or mowing the ensuing spring...	60 lbs.	9.60	.18	15.00
Orchard Grass. (<i>Dactylis Glomerata</i> .).....	14 lbs.	2.50	.20	14.00	Suckling Clover. (<i>Trifolium Filiforme</i> .).....	60 lbs.	19.50	.35	30.00
Red or Creeping Fescue. (<i>Festuca Rubra</i> .) Suitable for sandy sea coasts and on dry soil.....	14 lbs.	2.75	.25	18.00	Sainfoin. (<i>Onobrychis Sativa</i> .).....	20 lbs.	2.00	.15	8.00
Red Top Grass. (<i>Agrostis Vulgaris</i> .) Choice..... — Fancy or extra re-cleaned seed.....	14 lbs.	1.25	.12	8.00	Trefoil, Yellow or Hop Clover. (<i>Medicago Lupulina</i> .) An annual, suitable for sheep pasture and light soils.....	60 lbs.	10.75	.20	16.00
Rhode Island Bent Grass. (<i>Agrostis Canina</i> .) A very fine variety for lawns.....	14 lbs.	2.75	.25	18.00	White Clover. (<i>Trifolium Repens</i> .) Should be used in all mixtures for permanent pasture and for lawns..	60 lbs.	16.50	.30	26.00
Rough Stalked Meadow Grass. (<i>Poa Trivialis</i> .) Valuable for pastures and meadows, particularly on damp soil.....	14 lbs.	6.25	.50	42.00					
Schraeder's Brome Grass. (<i>Bromus Schraederi</i> .)	18 lbs.	5.00	.45	28.00					
Sheep's Fescue. (<i>Festuca Ovina</i> .).....	12 lbs.	2.50	.25	18.00					

If desired by mail, add 8c. per lb. for postage.

CEREALS.

OATS.
Henderson's Clydesdale. A variety of White Oats weighing 50 lbs. to the bushel; very early and productive. We offer these Oats for sale at the weight of 50 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. \$1.00 per peck, \$2.50 per bushel, 3 bushels for \$7.00, 10 bushels and upward, \$2.25 per bushel.
Hopetoun. A potato Oat (white) of great value, averaging 44 lbs. to the bushel. 75c. per peck, \$2.10 per bushel.
Black Tartarian. Early, productive and long-strawed; the oats will weigh 40 lbs. to the bushel. 50c. per peck, \$1.50 per bushel.
Probsteier. Very productive and heavy. \$1.00 per bushel (32 lbs.)

SPRING WHEAT.

Saskatchewan Fife. The best No. 1. Hard Amber extant. Unequaled for earliness, yield and vigor. \$2.25 per bushel.
Wellman Fife. An improvement on the well-known and favorite Saskatchewan. Is enormously productive, outyielding all other Spring Wheats. \$1.00 per peck, \$3.00 per bushel.

WINTER WHEAT.

Fultz. (Bald.) A first-class milling wheat. \$2.00 per bushel.
Jones' Winter Fife. (Novelty, 1889.) (Bald.) \$3.50 per bushel.
Early Red Clawson. (Bald.) \$2.25 per bushel.
American Bronze. (Bald.) Especially adapted to sandy and poor soil. \$3.00 per bushel.

Leading Varieties of Field Corn.

All at the uniform price of 15c. qt., 60c. peck, \$2.00 bushel; 10 bushel lots, \$1.75 per bushel. Add 15c. per quart extra if to be sent by mail.

DENT VARIETIES.

Early Butler. The earliest yellow dent variety known.
Hickory King. Largest grains of any white Corn.
Early Mastodon. Early, with very large ears.
Golden Beauty. Surpasses all in size and appearance.
Queen of the Prairie. In this latitude it has matured a crop in less than ninety days.
Leaming. Ears of good size, cob small, with large grain. Early.
Mammoth White Surprise. Specially adapted to sections from Pennsylvania south.
Farmers' Favorite. Ripens very early and succeeds far North.
Chester County Mammoth. One of the largest varieties.

Fulcaster. (Bearded.) \$2.00 per bushel.
Jones' Squarehead White. (Bald.) \$2.25 per bushel.
Rochester Red. (Bald.) \$2.25 per bushel.
Golden Cross. (Bearded.) \$2.00 per bushel.
Hybrid Mediterranean. (Bearded.) \$2.00 per bushel.

RYE.

Excelsior Winter. A variety from Vermont that yields from 40 to 50 bushels per acre. \$2.00 per bushel; 10 bushel lots, \$1.75.
Winter. \$1.35 per bushel; 10 bushel lots, \$1.25.
Thousandfold. \$1.60 per bushel; 10 bushel lots, \$1.50 per bushel.
Spring. \$2.25 per bushel.

BUCKWHEAT.

New Japanese. 20c. per lb., \$1.40 per bushel; 10 bushels and upward, \$1.30 per bushel.
Common. \$1.25 per bushel.

BARLEY.

Vermont Champion. Two-rowed, early, hardy and prolific. 60c. per peck, \$2.00 per bushel.
Two-Rowed Duck Bill. 50c. per peck, \$1.75 per bushel.
Manshury. One of the very best six-rowed Barleys grown. Is early in ripening and plump, has strong upright straw and yields from 50 to 70 bushels per acre. The heads are very long and contain from 75 to 100 great plump heavy kernels. Prof. Henry, of Wisconsin Agricultural College, in his report says: "The Manshury heads the list in productiveness." 75c. per peck, \$2.50 per bushel.

FLINT VARIETIES.

Golden Dew Drop. Reliable for Northern planting as it grows quickly and matures early.
King Philip. Very early. Usually matures three months after planting.
Compton's Early. Yellow variety. Very early and prolific.
White Flint. Handsome ears, large and well filled. A good sort.
Large Yellow Flint. Very productive and of good quality.

FODDER CORN.

Southern Horsetooth. \$1.25 per bushel.
Sweet Fodder. \$2.00 per bushel.

Root Crops for Farm Stock.

MANGEL WURZEL.

Sow 6 to 8 lbs. per acre.

HENDERSON'S COLOSSAL LONG RED. Roots of the largest size and blood-red color. Quality exceedingly nutritious, and the variety is most distinct and valuable. 15c. $\frac{1}{4}$ lb., 35c. lb.; in lots of 10 lbs. and upward, 30c. lb.

YELLOW OVOID. This sort is intermediate between the Long and Globe varieties. Nutritious and valuable. 15c. $\frac{1}{4}$ lb., 40c. lb.; in lots of 10 lbs. and upward, 35c. lb.

RED GLOBE. Similar to the Yellow Globe, differing only in color. 10c. $\frac{1}{4}$ lb., 30c. lb.; in lots of 10 lbs. and upward, 25c. per lb.

GOLDEN TANKARD. Flesh bright golden yellow, and in this respect differs from all other varieties, which cut white. 15c. $\frac{1}{4}$ lb., 40c. lb.; in lots of 10 lbs. and upward, 35c. lb.

LONG YELLOW. Differs from the Long Red only in color. 15c. $\frac{1}{4}$ lb., 40c. lb.; in lots of 10 lbs. and upward, 35c. lb.

HENDERSON'S CHAMPION YELLOW GLOBE. Smooth, globe-shaped roots, of large size and excellent quality, are the distinctive features of this variety. 15c. $\frac{1}{4}$ lb., 35c. lb.; in lots of 10 lbs. and upward, 30c. lb.

Long Red. 10c. $\frac{1}{4}$ lb., 30c. lb.; in lots of 10 lbs. and upward, 25c. lb.

HENDERSON'S GIANT INTERMEDIATE. Very profitable to grow. An improvement on Yellow Ovoid. 15c. $\frac{1}{4}$ lb., 40c. lb.; in lots of 10 lbs. and upward, 35c. lb.

YELLOW GLOBE. 10c. $\frac{1}{4}$ lb., 30c. lb.; in lots of 10 lbs. and upward, 25c. lb.

TURNIP.

Ruta Baga, Russian or Swedish.

Sow 3 lbs. per acre.

IMPROVED AMERICAN (Purple-Top). Very hardy and productive; flesh yellow, solid, sweet; good for stock or table use. 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 50c. lb., 10 lbs. \$4.50.

LARGE WHITE FRENCH. A superior variety for table or stock; flesh firm, white, solid and rich. 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 50c. lb., 10 lbs. \$4.50.

LONG ISLAND IMPROVED PURPLE-TOP. This is undoubtedly the finest variety of purple-top Ruta Baga, and is purely of American origin. It is twice the size of ordinary American stocks. (See cut.) 5c. pkt., 10c. oz., 25c. $\frac{1}{4}$ lb., 60c. lb.

LAING'S IMPROVED PURPLE-TOP. An excellent garden variety. 5c. pkt., 10c. oz., 20c. $\frac{1}{4}$ lb., 50c. lb.

SUGAR BEET.

Sow 6 to 8 lbs. per acre.

WHITE. A large variety, extensively grown for feeding. 15c. $\frac{1}{4}$ lb., 35c. lb.; in lots of 10 lbs. and upward, 30c. lb.

VILMORIN'S IMPROVED WHITE. Has more saccharine matter than any other. 20c. $\frac{1}{4}$ lb., 55c. lb.; in lots of 10 lbs. and upward, 50c. lb.

LANE'S IMPERIAL. 15c. $\frac{1}{4}$ lb., 40c. lb.; in lots of 10 lbs. and upward, 35c. lb.



Yellow Fleshed.

Sow 3 lbs. per acre.

(For descriptions of these, see page 54.)

Aberdeen Purple-Top Yellow. 50c. lb., 10 lbs. \$4.50.

Golden Ball. (See cut, page 54.) 50c. lb., 10 lbs. \$4.50.

Yellow Globe. 50c. lb., 10 lbs. \$4.50.

Imp. Yellow Stone. 60c. lb., 10 lbs. \$5.50.

White Fleshed.

Sow 3 lbs. per acre.

Purple-Top White Globe. 50c. lb., 10 lbs. \$4.50.

Long White or Cow Horn. 50c. lb., 10 lbs. \$4.50.

CARROT.

Sow 4 lbs. per acre.

For description of varieties, see page 32.

Improved Long Orange... \$1.00 per lb.

Yellow Belgian..... .60 "

White Belgian60 "

Danvers80 "

If by mail in quantities of $\frac{1}{2}$ lb. and upward, postage must be added at the rate of 8c. per lb.

MISCELLANEOUS AND SUNDRY SEEDS FOR THE FARM.

Bean, Boston Small Pea. \$1.50 peck, \$4.50 bushel.
" Burlingame Medium. \$1.50 pk., \$4.50 bush.
" Improved Red Kidney. \$1.50 peck, \$5.00 bushel.
Bean, Soja, or Japan. 20c. lb., \$6.00 bushel.
" White Marrowfat. \$1.25 peck, \$4.25 bushel.
Cabbage, Champion Ox. \$1.50 lb.
CANADA FIELD PEAS. White, 75c. peck, \$2.00 bushel. 10 bushel lots, \$1.85 per bushel.
CANADA FIELD PEAS. Blue, 75c. peck, \$2.00 bushel. 10 bushel lots, \$1.85 per bushel.
Castor Oil Bean. 5c. pkt., 15c. oz.
Celery Seed. For planting, 30c. lb.
Chicory (for coffee). 10c. oz., \$1.00 lb.
Cotton, Sea Island. 15c. lb., 100 lbs. \$10.00.
Cotton, Upland. 15c. lb., 100 lbs. \$10.00.
Cow Peas. \$9.00 bushel, 10 bushel lots, \$2.85 bushel.
Flax Seed. 25c. qt. by mail, 40c., \$4.00 bushel.
Locust, Honey. 40c. lb.
" Yellow. 40c. lb.
Kale, Thousand Headed. \$1.00 lb.

Lupins, of Sorts. 25c. lb., 100 lbs. \$15.00.
MILLET, German or Golden. 10c. lb., \$2.00 bushel. \$4.00 100 lbs.
MILLET, Hungarian. 10c. lb., \$1.75 bushel, \$3.50 100 lbs.
MILLET, Pearl. 20c. lb., \$14.00 100 lbs.
Opium Poppy. 20c. oz., \$1.25 lb.
Osage Orange. 50c. lb., \$4.00 100 lbs.
Ramie (Bohmeria or Urtica) Nivea. 50c. oz.
Rape, English. 15c. lb., \$5.00 bushel, \$9.00 100 lbs.
Serradella. 20c. lb., by mail 30c.
Vetch, Spring. 10c. lb., \$3.50 bushel of 60 lbs.
" Villous. A quick-growing hardy forage plant, 15c. lb., \$6.50 bushel of 60 lbs.
SUNFLOWER, LARGE RUSSIAN. 15c. lb., by mail, 25c., \$3.00 bushel, \$10.00 100 lbs.
Teosinte (Reana luxurians). \$1.25 lb., \$10.00 100 lbs.
Yarrow, or Milfoil. \$1.50 lb.
WILD RICE (Zizania Aquatica). Much sought after, owing to its having attractions for water-fowl. 25c. lb., if by mail, 35c. lb., 100 lbs. \$20.00.

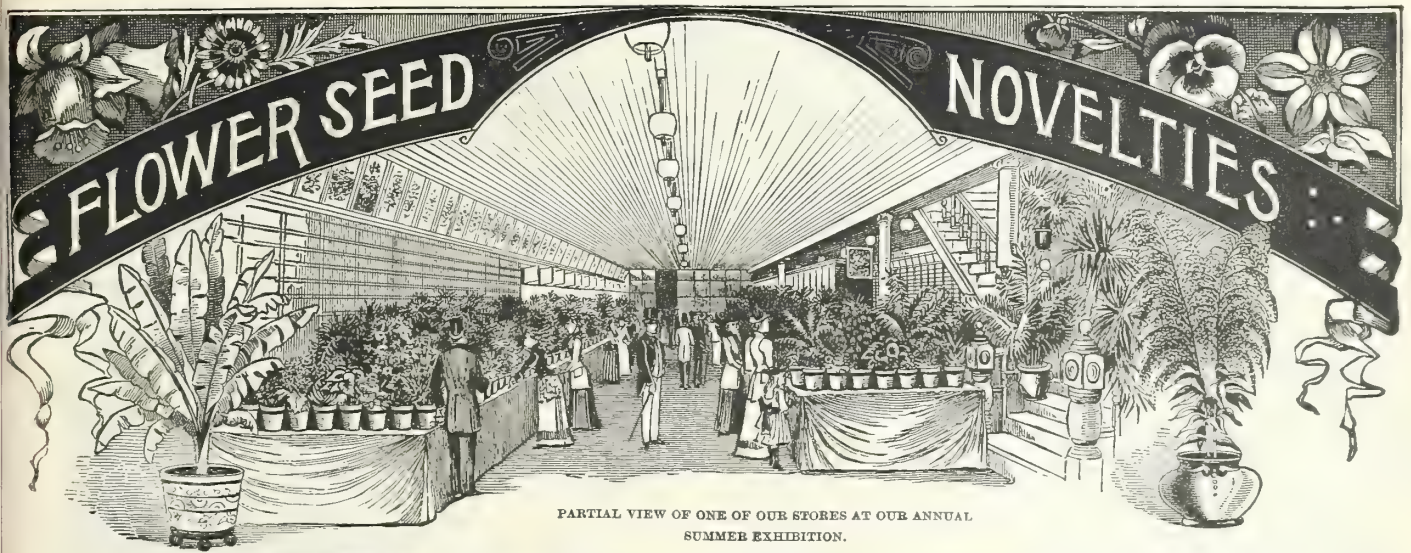
SORGHUM.

	Price per lb.	Price 100 lbs.
Early Amber Sugar Cane. Its distinctive features are its earliness and great yield of both sugar and syrup. Culture the same as for Corn	15c.	\$6.00
Early Orange Sugar Cane. A little later than the Amber. It does not succeed well north of latitude 43 degrees	15c.	6.00
Broom Corn, Evergreen	15c.	6.50
Kaffir Corn	15c.	8.00
Rural Branching Doura (Milo Maize)	20c.	10.00
Egyptian Rice Corn	15c.	10.00
Yellow Branching	20c.	12.00
Sorghum Malapense (Johnson Grass)	20c.	12.00

An account of the merits of this valuable grass will be found in our FARMERS' MANUAL. \$3.50 per bushel of 25 lbs.

As we issue a very full and complete Catalogue of Farm Seeds, we only give here a simple list and prices of the more important articles in this department. For full description of varieties, etc., see HENDERSON'S AMERICAN FARMERS' MANUAL, which will be sent free on application.

Our Prices this Season are lower than ever. Read what we say on this subject on pages 1 and 2.



PARTIAL VIEW OF ONE OF OUR STORES AT OUR ANNUAL SUMMER EXHIBITION.

Aster, "Queen of the Earlies."

The earliest of all Asters by nearly three weeks, blooming in the open ground by the middle of June. Plants are dwarf and very branching, blooming very freely; the pure white, very double flowers are borne on very long stems, rendering them of exceptional value for cutting purposes. **Price, per packet, 25c.**

Aster, "Zulu King."

A new and entirely distinct variety. The plant is of pyramidal growth and bears, on long dark stems, an abundance of medium-sized flowers, of faultless, globular shape, and of a peculiarly rich black purple color of great intensity, an entirely new color, hitherto unknown among asters. As a cut flower it is of great value. **Price, per packet, 25c.**

Mignon Asters.

A fine new class, resembling in habit the Victoria section. The plants are semi-dwarf and bear 40 to 50 beautifully shaped very double flowers with deeply imbricated petals. The lovely flowers are borne with an indescribable grace entirely free from the usual stiffness which characterizes most other classes of Asters. For garden beds the Mignon Aster is unrivaled, and for pot culture a treasure. (See cut.)

We offer the following exquisite colors: **Snow White, 25c. Peach Blossom Pink, 25c. Bright Blue, 25c. Carmine Red, 25c. Collection of four named, 75c. A. Mignon, mixed colors, 25c.**



EMPEROR ASTER.

Aster, "Empress."

A magnificent variety, dwarf, robust and compact in habit, scarcely attaining a height of twelve inches. It branches very freely, producing remarkably beautiful flowers on stout stems and in great abundance. The individual flowers are of enormous size, perfectly double and of great fullness, the petals being broad and of massive substance, which enables the flowers to withstand wet weather and last longer in perfection than any other variety. Well adapted for beds, pots, or cutting purposes, and sure to become highly popular. (See cut.) **Price, per packet, 25c.**



HARDY ASTER, DWARF PYRAMID.

Aster, "Scarlet Needle."

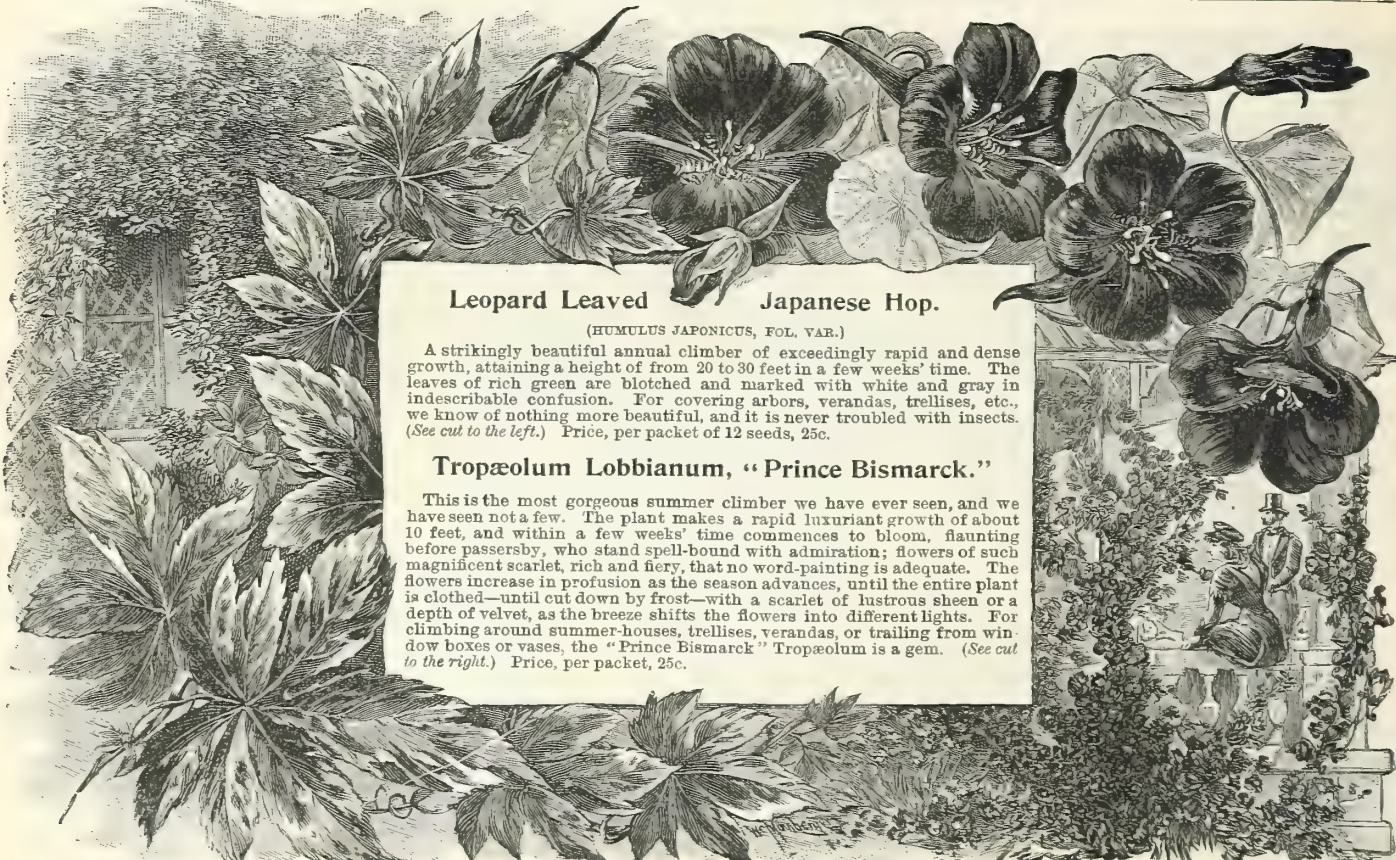
Brilliant fiery scarlet flowers, very double and large; the petals are twisted as round as a knitting-needle, giving a very unique and charming effect. The plants grow about 18 inches high, and very branching and floriferous. **Price, per packet, 25c.**

New Hardy Aster, "Dwarf Pyramid."

The single-flowering hardy Asters have long been favorites, grown in clumps for permanent garden embellishment, and this new race is more particularly meritorious. The plant forms a well-branched, rounding, compact, pyramidal bush, only 15 inches high, and is entirely covered with flowers which are extremely varied in color—white, rose, lilac, clear blue, deep blue, etc. The culture is very simple; seed sown in the open during the summer flowers the following year, or if sown very early in the spring will produce blooming plants by September. The naturally low growth is without pinching, rendering the plants admirably adapted for pot culture. (See cut.) **Price, per packet, 25c.**



MIGNON ASTER.



Leopard Leaved Japanese Hop.

(HUMULUS JAPONICUS, FOL. VAR.)

A strikingly beautiful annual climber of exceedingly rapid and dense growth, attaining a height of from 20 to 30 feet in a few weeks' time. The leaves of rich green are blotched and marked with white and gray in indescribable confusion. For covering arbors, verandas, trellises, etc., we know of nothing more beautiful, and it is never troubled with insects. (See cut to the left.) Price, per packet of 12 seeds, 25c.

Tropaeolum Lobbianum, "Prince Bismarck."

This is the most gorgeous summer climber we have ever seen, and we have seen not a few. The plant makes a rapid luxuriant growth of about 10 feet, and within a few weeks' time commences to bloom, flaunting before passersby, who stand spell-bound with admiration; flowers of such magnificent scarlet, rich and fiery, that no word-painting is adequate. The flowers increase in profusion as the season advances, until the entire plant is clothed—until cut down by frost—with a scarlet of lustrous sheen or a depth of velvet, as the breeze shifts the flowers into different lights. For climbing around summer-houses, trellises, verandas, or trailing from window boxes or vases, the "Prince Bismarck" Tropaeolum is a gem. (See cut to the right.) Price, per packet, 25c.

LEOPARD-LEAVED JAPANESE HOP.

TROPAEOLUM, "PRINCE BISMARCK"

New "Guillaud" Pinks.

The only strain of Pinks blooming the first season that contains yellow.

This new race originated with M. Guillaud, a celebrated French specialist, and, like the Dianthus Margarita, they contain considerable Carnation blood and yet possess all of the profuse and early blooming qualities of the annual Dianthus. The "Guillaud" Pinks bloom profusely in the summer and autumn from spring-sown seed; the flowers are very large, of perfect shape, very fragrant and last a longer time, either cut or on the plants, than D. Margarita. The seeds which we offer in mixture contain a magnificent variety of colors and shades, and, making this strain still more valuable, they contain flowers of clear yellow and others with yellow stripes. They are equally adapted for open ground and pot culture. **Mixed Colors**, price, per packet, 35 cents.

New Double Yellow Phlox,

P. DRUMMONDI ISABELLINA, FL. PL.

An exquisite introduction of annual garden phloxes. The plants of this variety are very bushy and branching, attaining a height of 15 to 18 inches, and bear in great freedom large umbels of double flowers of a charming yellow. **Price**, per packet, 25c.

New Single Marigold, "Little Brownie."

A charming single-flowering pigmy Marigold, forming compact little bushes only 5 to 6 inches high, producing a fine effect when grown in masses and unrivaled for borders. It is remarkable for blossoming extremely early and in prodigious abundance, commencing in June from spring-sown seed, blooming more and more as the season advances. The duration of the flowers and the great resistance of the plant to drought is marvelous; should it be so dry that the foliage disappears, yet the flowers are perfected. The latter are vividly colored yellow or gold, marked as with a graver, with a large spot of brown velvet. (See cut.) **Price**, per pkt., 25c.

New Tom Thumb Dahlias.

The new single Dahlias form little compact bushy plants only about 12 inches high by 24 inches across. They bloom in great abundance the first season from spring-sown seed, producing flowers of the most unique and exquisite colors and combinations of colors, spotted and striped, margined, ringed, etc., etc. The colors range through yellows, white, scarlet, maroon, pink, etc. (See cut.) **Price**, per packet of mixed colors, 25c.

The Orchid Salpiglossis,

"PURPLE AND GOLD."

A grand new color in this splendid class of garden annuals. The large flowers, 3 to 4 inches across, are of rich velvety purple, exquisitely veined and feathered with yellow or gold—an effective combination, rival

"Little Midget" Roses.

A very meritorious novelty. These little roses belong to the Polyanthas or Japanese many-flowered section. The roses are only about an inch across, usually very double, but occasionally semi-double and seldom single; they are borne in many-flowered clusters and contain all the tints of cultivated roses. What is most remarkable, these "Little Midget" roses grow only 10 inches high and commence blooming in a few weeks after the seed is sown. At first the flowers are isolated, but they group themselves as the plant advances and continue year after year to bloom in uninterrupted profusion from May until frost. **Price**, per packet, 25c.

Lobelia, "Gold Leaf."

A new bedding variety of the Erinus Compacta type, with golden yellow foliage and brilliant blue flowers. The plants form compact little mounds of gold 4 to 6 inches high, bearing in exhaustless continuity myriads of deep blue flowers, forming a contrast of striking beauty. For carpet bedding masses and borders they will be unique and effective. Blooms the first season from seed. **Price**, per packet, 25c.



Begonia, Vernon.

A grand novelty. The color of the flowers is a waxy blood-scarlet, and being borne in immense quantities make an exceedingly brilliant effect. The foliage is also remarkable; it is at first green, but when the plants are about two months old the leaves begin to turn red on the margins and gradually the whole leaf and stem are suffused.

Seed sown in spring will produce blooming plants early in the summer, which will continue in unparalleled profusion until killed by frost, and is of scarcely less value for growing in pots for winter blooming. Price, per pkt., 15c.

New Tom Thumb Nasturtium, "Brilliant."

Although the varieties of Tom Thumb Nasturtiums are very numerous, yet they are such unequalled favorites that any new color or improved variety is always welcome. For garden beds in the summer, Nasturtiums will never be surpassed, for they can always be depended upon to give splendid bloom for a long season. This new variety, Brilliant, is the handsomest scarlet—a rich glistening shade—that is well set off by the very dark foliage of this variety. Price, per packet, 25c.

Dwarf Yellow Ageratum.

This new variety is of a delicate chamois yellow, harmonizing well with the other colors, blue and white, which heretofore were the representative colors of this dwarf annual, so popular for ribbon planting and garden beds. The plants are compact and bushy, about 12 inches high, and bloom quickly from seed the first season and continue to flower abundantly until frost. Price, per packet, 25c.



GRAND NEW BALSAM, LA MALMAISON.

Four Grand New Balsams.

If there were any plants more attractive than others in our trial grounds the past season, they were the four Balsams mentioned below. All have extra double flowers of magnificent size, filling the long branches so completely from top to bottom that the foliage is almost crowded out of sight, each plant forming a gorgeous candelabra-formed bouquet. (See cut.)

LA MALMAISON. Magnificent, large double blush pink flowers the exact fac-simile in color of the famous Malmaison rose and with a satiny sheen in the sunlight as if sprinkled with diamond dust. (See cut.) Price, per packet, 25c.

BLOODSTONE. The grandest scarlet balsam we ever saw; rich dark blood-scarlet, large, double and full. Price, per packet, 25c.

SPECKLED BEAUTY. A charming variety; big double flowers of snow-white, speckled with minute drops of fire red. Price, per packet, 25c.

BRIMSTONE. Large double flowers of sulphur yellow. Price, per packet, 25c.

Collection of 4 Grand Balsams, 1 packet each, for 75c.



The Brazilian Morning Glory.

(*Ipomœa Setosa.*)

A magnificent summer climbing annual; it grows with the greatest vigor and luxuriance. Seed sown in our trial grounds May 15th produced plants that covered a trellis 12 feet high by July 28th, and by Aug. 15th the vines were from 30 to 40 feet long and still growing, branching and climbing in all directions. The leaves are 8 to 12 inches across and are borne from the ground up, overlapping each other and making a dense shade. Every part of the vine is thickly covered with short reddish hairs, which, with its immense leaves and large clusters of curious seed capsules, render it highly ornamental, and give it quite a tropical appearance. We know of nothing so good for quickly covering a piazza, arbor or a tree, and where a dense shade is required it has no equal. The flowers, which open in the morning, are three inches or more across, of a beautiful rose color, and are borne in large clusters very freely from July to frost. (See cut.) Price, per packet, 25c.

New Giant Double Daisy.

(*Bellis perennis, fl. pl. maxima.*)

A grand novelty. The largest flowering of all known varieties of the old favorite "Double Daisy." It has been worked up from the lovely "Prince of Wales" variety; the flowers are densely double and as large as a silver dollar, of glowing red and rose shades. This giant daisy was the admiration of all visitors to our trial grounds the past season. (See cut.) Price, per packet, 25c.



NEW GIANT DOUBLE DAISY.

Henderson's Curled and Crested Zinnias.

SHOWN ON THE PLATE OPPOSITE.

NEW, ODD AND SUPERB.

Petals Twisted, Curled and Crested into Fantastic Contortions and Graceful Forms. Magnificent Variety of Colors.

THESE unique and charming Zinnias originated in our trial grounds four years ago, where we had an endless number of varieties and strains from growers in Europe and America growing side by side. Among these hundreds of plants a sport appeared bearing flowers the petals of which were curiously twisted and gracefully curled. From this, by persevering selection and careful culture, we have worked up this strain of double-flowering, curled and crested Zinnias, which eclipses in beauty, beyond all question, any other types of this popular garden annual in existence. The flowers of Henderson's Curled and Crested Zinnias are of perfect form—large, round, full and double, the petals being twisted and curled and crested into the most fantastic contortions and graceful forms, rendering them entirely free from the stiffness which was heretofore the characteristic of this family. Nature, it seems, was not satisfied with producing something new, odd and superb in form, but tried to outdo herself on this, her new protégé, for not the least among the merits of Henderson's Curled and Crested Zinnias is the remarkable range of colors, lavish profusion of bloom and compact, symmetrical habit of the plants. In going through our fields of these Zinnias we noted, in reds, the following shades: scarlet, crimson, orange and blood-purple; in pinks: flesh, chamois, apple-blossom and deep rose; in yellows: cream, canary, buttercup, deep yellow, orange, old gold and russet; then we had many intermediate shades and some exquisitely striped flowers and grand whites.

The individual plants form compact bushes about two feet high by two feet through, and bear, well above the foliage, from 150 to 300 flowers each, by actual count. It can be readily imagined what a glorious effect our field of them made—so exceedingly odd and beautiful that the attention of the most casual observer was aroused to the curiosity point. They certainly did not look like Zinnias, nor like Marigolds, nor like anything that our visitors or ourselves ever saw before. We have many times been amused by the guesses advanced, and do not think we exaggerate when we state that we answered the question "What are they?" at least a thousand times.

The ease of culture, indifference to special soils or treatment, their early, prolific and long-continued bloom, excellent habit, magnificent flowers and exquisite colors will render Henderson's Curled and Crested Zinnias a popular garden favorite wherever tried.

Price of mixed colors, 25 cts. per pkt., 3 pkts. for 60 cts., 6 pkts. for \$1.00.

NEW CYCLOPS PINKS.

(ILLUSTRATED BELOW.)

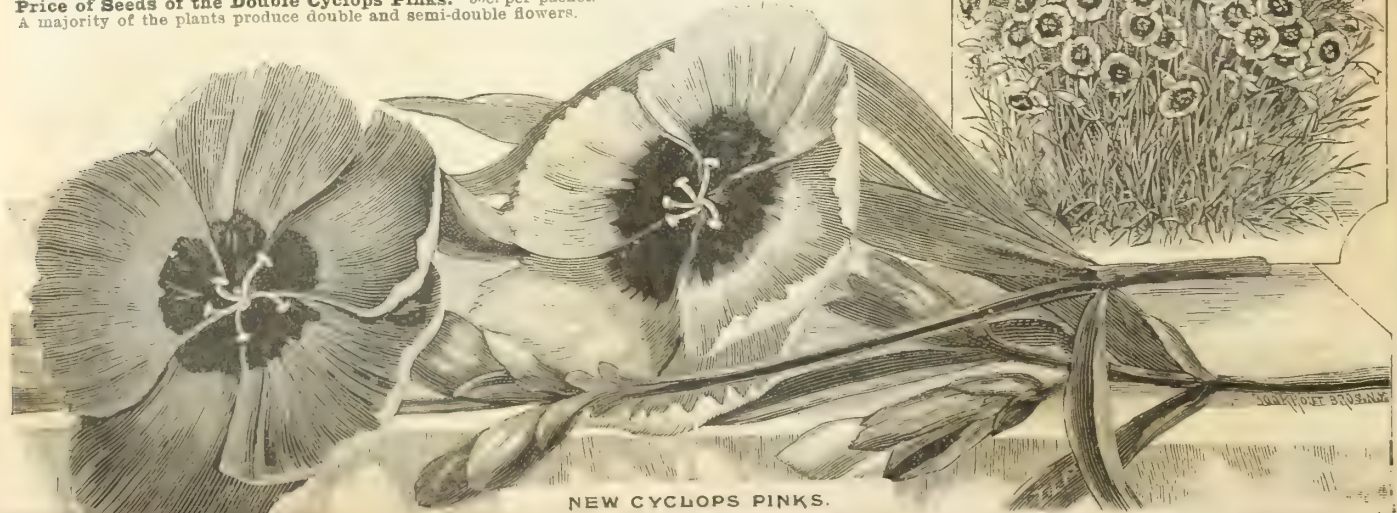
REVELATIONS OF BEAUTY—HARDY—EVERBLOOMING—FRAGRANT.

This magnificent new strain of Pinks produces an entirely new series of colors of endless variety and unapproachable beauty, the flowers having an added value because of their clove-like perfume. The individual blossoms are round and very large, fully six inches in circumference, with broad, overlapping petals, and are borne in wondrous amplitude, completely sheeting the plants from May until frost with exquisite combinations of colors, the predominating shades being delicate rose, flesh pink, copper color, salmon, dregs of wine red, white, bright crimson, etc., the beauty of each flower being further enlivened by a large eye-like zone of velvety blood-red, making a strikingly beautiful contrast.

The plants grow 12 to 16 inches high, are of sturdy and vigorous habit, and will bloom the first season if the seeds are sown reasonably early; and as if not content with the admiration elicited during one season, they continue to flourish and bloom with undiminished splendor for several years. When a number of plants are massed together the wealth of their bloom gives a brilliant effect to the garden or lawn for months. They are also unequalled for growing in pots and for cutting purposes they are unrivaled.

Price of Seeds of the Single Cyclops Pinks, all of the beautiful colors and shades in mixture, per packet, 25 cents.

Price of Seeds of the Double Cyclops Pinks, 50c. per packet. A majority of the plants produce double and semi-double flowers.



NEW CYCLOPS PINKS.

Peter Henderson & Co.
NEW YORK.
1893.

CURLED AND

CRESTED

ZINNIAS





EMILY HENDERSO
THE
QUEEN OF SWEET PEAS

FLOWERS AS WHITE AS SNOW,
AND IN FORM, *PERFECTION.*

STEM AND SPRAY STIFF BUT GRACEFUL, BEARING SELDOM LESS THAN FOUR FLOWERS—OFTEN FIVE—AND OCCASIONALLY SIX AND SEVEN. ITS PROFUSE AND LONG CONTINUED BLOOM IS SIMPLY PHENOMENAL.

FOR FULL DESCRIPTION, SEE OPPOSITE PAGE.

The Flagship of our Floral Squadron in 1893

IS A

GRAND NEW WHITE SWEET PEA,

WHICH WE HAVE NAMED



“Emily Henderson.”



(See the Illustration, from a Photograph, on the opposite page.)

A GLORIOUSLY beautiful acquisition has been obtained in this New White Sweet Pea that has not only excited the enthusiasm of ourselves, but of other experts to whom last season we gave a few seeds for trial. The “Emily Henderson” not only surpasses in every way all other varieties of Sweet Peas, but it is the unanimous opinion of all who have seen it that it is the most valuable addition made to our list of Flower Seeds in twenty years.

THIS NEW SWEET PEA, “EMILY HENDERSON,” originated as a sport in a field of that splendid variety, “Blanche Ferry.” a pink and white flowered sort, exceedingly popular with both amateurs and florists. Every meritorious quality which has given “Blanche Ferry” its distinctive value has been reproduced in the younger variety. More than that—in “Emily Henderson” are to be found qualities that place it far above any other Sweet Pea of which we have any knowledge.

Its color is as pure as the driven snow; all other so-called whites have either a green or dull yellow keel. Hold a single blossom of the “Emily Henderson” up to the light and the daintiest flush is barely perceptible, a delicate suggestion of the pink blood of the parent variety, and only just enough to show its pedigree and give to the flowers the lustrous tone and texture of satin. We have had several improvements in late years in white Sweet Peas, but until this beauty burst upon our gaze none were free from the green or yellow taint.

The flowers are large, equaling in size those of “Boreatton,” the acknowledged giant of the Eckfords; they are of great substance, and, in form, perfection; broad and round and without the slightest tendency to reflex or curl, so common in large flowers of the Eckford type.

Its prodigal abundance of bloom is phenomenal; where other varieties produce two flowers on a stem the “Emily Henderson” bears never less than three and nearly as often four, and it is not unusual to find stems bearing five or six flowers each, and occasionally we have found them with seven. The stems are stiff and long and so boldly support the flowers that they seem to look one squarely in the face. The strong stems give the variety an added value for cutting.

To test the possibilities of this variety, and to see how many flowers a plant would produce, we planted the past season a single seed entirely apart from all others, giving the plant good culture and cutting off the sprays as they came in bloom from time to time. At the end of the summer we had cut the almost incredible quantity of 1,035 sprays of bloom—not individual flowers, but sprays—from one plant.

In Earliness of Bloom the “Emily Henderson” outrivals all competitors by nearly two weeks, and it also holds longer—a veritable “cut-and-come-again” to the end of summer.

The Fragrance is most delicious and powerful and distinct from any other variety. The perfume-laden air from our field of three acres was truly enchanting, and on dull mornings and evenings could be scented half a mile away.

The plants are robust, very branchy and of compact habit, about four feet high, and if not supported and not planted too closely they form bushy plants averaging only three feet high and are so completely covered with flowers that a field of them looks as if it had been visited by a heavy snow-storm.

For Florists’ Forcing under glass the “Emily Henderson” Sweet Pea is bound to outstrip all others on account of its color, earliness, profusion, short, stocky growth, and the immense size of its long-stemmed flowers.

PRICE

—OF SEEDS OF THE GRAND NEW WHITE SWEET PEA, “EMILY HENDERSON”:

25 cts. per packet; 3 packets for 60 cts.; 6 packets for \$1.00, free by mail.

On every packet of the above will be printed a full and complete essay on the cultivation of Sweet Peas, telling plainly the most recent and approved methods of growing this fashionable flower to the highest perfection.

DELAUX'S PERFECTED

Early Flowering Chrysanthemums

(Hardy perennial class.)

Perennial Chrysanthemums, the glory of autumn, are so well known, and so universally popular, that it would be superfluous to expatiate upon their merits here. We will therefore confine ourselves to the merits of this remarkable new class, which were raised by a celebrated South of France specialist, who, by persevering selection and skillful hybridizing, obtained a series of 200 varieties of early flowering Chrysanthemums that in his latitude bloom continually from June until frost. The seed which we offer has been gathered from the complete collection of Mr. Delaux, and will produce an endless variety of magnificent flowers of superb colors, 90% of which he claims will come double, and mostly of the Japanese type, differing essentially from the latter in more dwarf and branching habit, and in consequence more abundant blooming. While we in the North cannot expect the Delaux Chrysanthemums to bloom as early as in the sunny South of France, yet they will precede the regular Chinese and Japanese Chrysanthemums by several weeks, especially if the seed be started in the house early in the spring and the plants removed to the open ground. To have Chrysanthemums bloom in the open ground weeks before frost is a horticultural revolution that will be highly appreciated by all lovers of this glorious flower. The Horticultural Press unanimously recommend this new race, and predict for them a brilliant future. (See *cut.*) Price, per packet, 25 cts.

LORENZ'S NEWEST FRINGED

Double Annual Chrysanthemums.

(*C. carinatum hybridum fimbriatum, fl. pl.*)

A new collection, by far surpassing all other strains of this popular garden annual, on account of their extra doubleness and perfection of form. The petals lie, scale-like, one upon the other, and are exquisitely fringed. The colors are also much more beautiful and diversified, including numberless hues of rose, fiery scarlet, blood-red, purple, yellow, white, etc., the dark brilliant colors predominating; and, besides, many of the flowers are beautifully penciled. For effective summer flower beds these new Chrysanthemums are unequalled, of quick, easy growth, forming bushy plants 12 to 15 inches high, which commence blooming within a few weeks after the seed is sown. Price, per packet, 25 cts.



DELAUX'S PERFECTED EARLY-FLOWERING CHRYSANTHEMUMS.

"The Butterfly Pea."

(*Centrosema Grandiflora.*)

A hardy perennial vine of exquisite beauty. The plants grow 7 to 8 feet in a season, and the first season from seed will produce graceful clusters of 6 to 8 inverted pea-shaped flowers, 1½ to 2½ inches across, ranging in color from rosy violet to reddish purple, feathered with white through the centre; the backs of the flowers are pure white, and also the buds, making a strikingly beautiful contrast. Price, per packet, 25 cts.

New Double Sulphur Calendula.

(*C. grandiflora sulphurea, fl. pl.*)

A new and very attractive light lemon-yellow colored Pot Marigold of the large-flowering, double type. It forms a dwarf bushy plant, about one foot high, and blooms continuously and abundantly until frost, from seed sown in the spring. For showy garden beds it is unrivaled. Price, per packet, 25 cts.

New Pansy, "Kaiser Frederick."

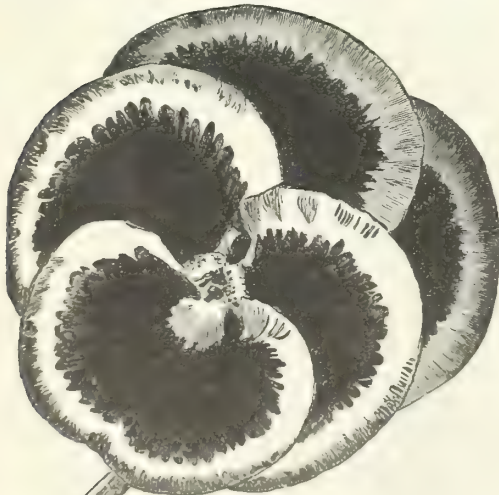
An exceedingly fine new variety from Germany, producing extra large flowers of perfect form. The ground color is of a deep, rich purple, with an outward margin of yellow and scarlet. A very unique and charming contrast. (See *cut.*) Price, per packet, 25 cts.

Heliotrope—Lemoine's Giant Hybrid.

These are grand improvements. In our trials of the past season, seed sown in April produced luxuriant, healthy, bushy plants, 18 inches to 2 feet high, by July, and they bloomed abundantly until cut down by frost. The clusters of bloom were immense; many measured 6 inches across and were deliciously fragrant. Colors: lavender, white, purple, etc. Price, per packet, 25 cts.

Fringed Coleus.

These are beautiful. They originated with a skillful hybridizer in France, who sent us a few seeds for trial early last spring. We started the seeds in the greenhouse, and put the plants in the open ground in May, and never had so fine a plot of Coleus. The plants are unusually thrifty growers, producing extremely large leaves, the edges of which are deeply cut, lacinated and fringed, giving a very unique and graceful effect. The colors, too, are especially fine, embracing combinations of markings entirely new. Price, per packet of mixed varieties, 35 cts.



NEW PANSY, "KAISER FREDERICK."

Beautiful New Poppies.



AMERICAN FLAG. (*Double Peony Flowered.*) A robust grower; flowers extra large, very double, pure white, each petal being margined with bright red. Exquisite. (*See cut.*) Price per pkt., 15c.

NANKEEN YELLOW. (*Double Peony Flowered.*) Large globular flowers, perfectly double; color, shining nankeen yellow, an entirely new color in this family. Price per pkt., 25c.

BLACK KNIGHT. (*Double Peony Flowered.*) Exceedingly rich black maroon. Splendid large double flowers. Price per pkt., 15c.

"BLOOD-RED MIKADO." This is a grand variety of carnation-flowered poppy; the plants attain a height of 3 feet and bear densely double flowers of immense size, fully 9 inches around and of a deep and brilliant blood-red color; the petals are deeply fringed and lacinated in the style of the original Mikado Poppy, which is illustrated on page 79. The plants begin blooming within a few weeks after the seed is sown, are of easy culture and unequalled in effect for garden decoration. Price per pkt., 25c.

New Double Scarlet Iceland Poppy.

(*Papaver nudicaule coccineum, fl. pl.*)

The single-flowered Iceland Poppies have long been great favorites for garden decoration, forming low, bushy plants, which throw up in rapid succession, throughout the summer, numbers of flower stems 10 to 12 inches high, each surmounted with large, elegant, crushed satin-like flowers, which for cutting purposes are unsurpassed. This new variety bears extremely double orange scarlet flowers. Although Iceland Poppies are hardy perennials, yet they will bloom freely the first season if the seed is sown reasonably early. Price per pkt., 25c.

New Rose-colored Single Iceland Poppy.

This charming class, described on page 79, is here enriched with an exquisite new rose-colored variety. Price per pkt., 25c.

2

"AMERICAN FLAG" POPPY.

"THE FIREBRAND" AMARANTHUS.

(*A. Superbus.*)

A splendid decorative annual for the garden. It is of very easy culture, attaining a height of six feet and a breadth of four to five feet; well furnished with large gorgeously colored leaves of a blood-red color, bordered with bright yellow. (*See cut.*) Price per pkt., 25c.

Splendid New Petunias.

"DIADEM." An exquisite variety either for garden decoration or for pot culture. It is wonderfully prolific of bloom; the flowers, about 2½ inches across, almost hide the plant from view for months; the colors, white and bright carmine, form a pronounced star of admirable effect. The plants form symmetrical oval bushes about 12 inches high. It is of easy culture, continuous and abundant in bloom the same season from seed sown in the spring, which will make this a highly popular novelty. Price per pkt., 25c.

"WHITE THROATED GIANT." Immense single flowers of an unusually rich violet-colored crimson with large deep throats of a pure white which run off into veins and netting. Strikingly effective. Price per pkt., 25c.

NEW

"VICTORIA BOUQUET" STOCKS.

A new strain of 10-week stocks of great beauty, which are entirely distinct from all other stocks. Each plant forms a perfect pyramidal bouquet, the main flower stem rising a few inches above the side branches, all of which bear large spikes of very double flowers. We offer the following separate colors:

GRAND WHITE. Snow-white. Price per pkt., 25c.

RED DOME. Dark blood-red. Price per pkt., 25c.

PINK OF PERFECTION. A beautiful rose pink. Price per pkt., 25c.



"THE FIREBRAND" AMARANTHUS.

— MAMMOTH —

White Column Stock.

A grand novelty of high perfection. The plant is of luxuriant growth, attaining in the open ground a height of 3 feet, and producing only a single long and sturdy spike of bloom, closely furnished with enormous, faultlessly formed double flowers of the purest possible white. It is particularly beautiful when grown in large groups in the garden. (*See cut.*) Price per pkt., 25c.

Pigmy Queen 10 Week Stocks.

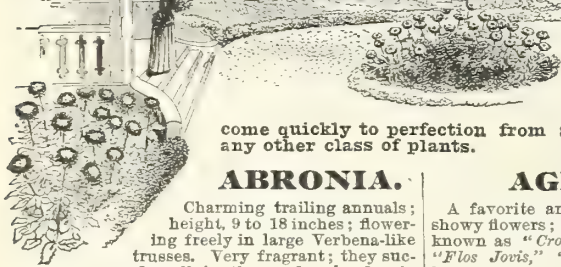
A valuable new introduction. The plants grow not over 9 inches high, of compact branching habit, producing numerous umbels of large, double, rich dark blood-red flowers, strikingly effective for either garden beds or pot culture. Price per pkt., 25c.



MAMMOTH WHITE COLUMN STOCK.

GENERAL LIST OF FLOWER SEEDS

Bedding Varieties That Bloom or Attain Perfection the first Season



come quickly to perfection from seed and make effective beds and brilliant masses of color scarcely equaled by any other class of plants.

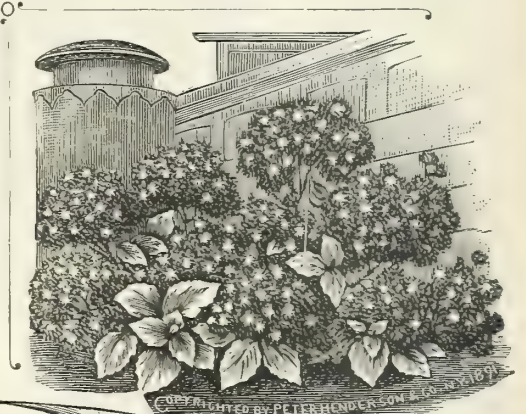
THE varieties catalogued under the above heading, while not all strictly annuals, yet will all bloom, or, if foliage plants, attain perfection, the same season, provided that the seeds are sown reasonably early in the spring. This class of plants is highly appreciated as they save the expense and trouble of carrying plants over winter for the summer garden, and because they

ABRONIA.
Charming trailing annuals; height, 9 to 18 inches; flowering freely in large Verbena-like trusses. Very fragrant; they succeed well in the garden border, in beds, rock-work or baskets.
Arenaria. Waxy lemon yellow.....Pkt. 10
Umbellata. Rosy pink..... 5

AGROSTEMMA.
A favorite annual for beds and borders, with showy flowers; borne freely; they are popularly known as "Crown of the Field," "Rose of Heaven," "Flos Jovis," "Rose Campion," etc. 1 to 2 feet high.
Mixed Varieties. Various colors.....Pkt. 5

ADONIS.
Very ornamental annuals of easy cultivation, for flower garden and borders; flowering freely; foliage graceful and feathery; height, about 1 foot.
Estivalis. (Flos Adonis.) Crimson.....Pkt. 5
Autumnalis. (Pheasant's Eye.) Intense blood-red with black centre..... 5
Vernalis. (Perennial.) (See page 86.)..... 5

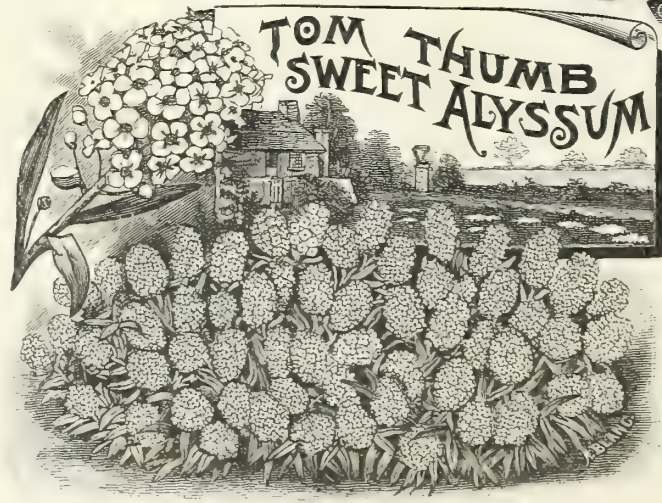
ALYSSUM.
These flower profusely throughout the season—thriving in flower garden, window boxes, vases, etc.; also well adapted for ribbon lines and edgings; annual.
Sweet Alyssum. White, 1 foot.....Pkt. 5
Tom Thumb Sweet Alyssum. This is one of the finest plants for edgings and low beds, flowering in unparalleled profusion for months. ½ foot. (See cut.)..... 5
For perennial Alyssums, see page 86.



TOM THUMB AGERATUM, LARGE FLOWERING ROSE.

AGERATUM.
Annuals, bearing in profusion clusters of feathery flowers; suitable for pot culture in winter or bedding out in summer; flowering continually and profusely; 2 feet high.
Blue.....5
White.....Pkt. 5
Lasseauxi. Rose..... 5

Tom Thumb Ageratum.
Splendid very dwarf varieties for edgings and ribbon lines; covered with flowers until frost. Height, ¾ ft.
Tom Thumb. Blue.....Pkt. 5
White..... 5
Rose. A beautiful variety, bearing large trusses of rose-colored flowers in such abundance as to almost cover the plant. (See cut.).....10



AMARANTHUS.
Ornamental foliage and flowering annuals of striking effect; they are of rapid growth, easy culture and very showy, with flower spikes or richly colored foliage. For semi-tropical gardening they are unique and effective.
Nobilis Pyramidalis. Crowned by an enormous flower spike, with numerous branching side spikes. It grows about 12 ft. in circumference, gracefully tapering to a point. Height, 5 ft. (See cut.).....Pkt. 10
Bicolor Ruber. Foliage green and dark red, tipped with yellow, 3 to 5 ft...5
Caudatus. (Love-lies-bleeding.) Long, dark red drooping flower spikes.... 5
Henderi. Beautiful drooping foliage of rosy carmine, orange, buff, golden yellow and olive green. 2 ft..... 5
Melancholicus Ruber. Red foliage, 2 ft..... 5
Salicifolius. (Fountain Plant.) Gracefully drooping, willow-shaped leaves, brilliantly banded and tipped with orange, carmine and bronze..... 5



AMARANTHUS PYRAMIDALIS NOBILIS.

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

ANTIRRHINUM.
(Snapdragon.)
For summer flower beds and borders these half-hardy perennials are very showy, and flower from seed the first season. They grow 2 to 3 feet high, and are masses of flowers.
Tall Mixed Colors.....Pkt. 5
Choice Striped Varieties, Mixed..... 10
Tom Thumb Varieties, Mixed. Growing only 1 foot high..... 5
Imported Collection of Dwarf Antirrhinum in six separate sorts, 30 cents.

IMPORTED COLLECTIONS OF ASTERS.
Betteridge's Quilled. In 6 separate colors, 30 cts.; in 12 separate colors.....Pkt. 50
Miniature Bouquet. In 10 separate colors..... 75
Crown, or Cocardeau. In 6 separate colors..... 40
Diamond. In 10 separate colors..... 60
Dwarf Chrysanthemum Flowered. In 6 separate colors, 40 cts.; 12 separate colors..... 75
Dwarf Pyramidal. In 6 separate colors..... 30
Goliath. In 6 separate colors..... 40
Perfection. In 6 separate colors, 40 cts.; in 12 separate colors..... 75
Victoria. In 6 separate colors, 50 cts.; in 12 separate colors..... 85

Refer to the Index (2d page Cover) for Flower Seeds you cannot readily find.

Bedding Varieties that

Bloom the First Season.

ASTERS.

These annuals, usually known as French, German or China Asters, are most popular and extensively grown either in flower beds or in pots; their compact habit of growth and profusion of magnificent flowers of rich and varied colors render them universal favorites.

Perfection Asters.

(Truffaut's Improved Paeony Flowered.)

A favorite class; thrifty, upright growers; flowers large (4 inches across) and almost perfectly round, with incurved petals; height, 1½ to 2 feet. (See cut No. 1.)

- Dark Scarlet and White.....Pkt. 10
- Glowing Dark Crimson.....10
- Satin White.....10
- Brilliant Rose.....10
- Lilac Red and White.....10
- Purple Violet.....10
- Perfection, Finest Mixed Colors.....10

Victoria Asters.

As shown on our colored plate in 1891. Magnificent flowers, massive and showy, with regular overlapping petals clear to the centre. The flowers measure four inches and over across, and of rich and varied colors. The plants grow very evenly, pyramidal in form, about eighteen inches high, and carry from twenty-five to forty flowers. (See cut No. 2.)

- Crimson and White.....10
- Sky Blue.....10
- Indigo and White.....10
- Pure White.....10
- Peach Blossom Pink.....10
- Dazzling Scarlet.....10
- White, turning to Rose.....10
- Dark Blue and White.....10
- Victoria, Finest Mixed Colors.....10

Dwarf Chrysanthemum Flowered Asters.

Grow 9 inches high. Surpass all the dwarf varieties in size of flowers. They are full and double and produced in clusters of 20 to 30 on a plant. (See cut No. 3.)

- Fiery Scarlet.....10
- Snow White.....10
- White and Azure Blue.....10
- Flesh.....10
- Finest Mixed. (Dwf. Chrys. F'ld).....10



No. 1. Perfection Aster.
No. 2. Victoria Aster.

No. 3. Chrysanthemum Flowered Aster.
No. 4. Betteridge's Quilled Aster.



WHITE COMET ASTER.

ASTERS OF VARIOUS CLASSES.

Triumph Asters. These are most beautiful dwarf Asters. Each plant forms an elegant bouquet in itself 7 to 8 inches high. The flowers measure from 2¼ to 3 inches across, of faultless form; each plant bears at least 30 to 40 flowers.

- **Deep Scarlet.** Rich brilliant scarlet.....Pkt. 15
- **"Surpasse Triomphe."** Flowers 5 inches across, of a brilliant crimson purple, each petal being margined with white; exceedingly effective..... 15
- Ball-shaped or "Jewel" Asters.** A magnificent new class. The flowers are perfectly round or ball-shaped, nine inches in circumference, the petals being short and incurved. Plants two feet high of sturdy habit. We offer two colors, viz.:
- **Apple Blossom.** Shell pink..... 15
- **Deep Rose.**..... 15
- Globe Quilled.** "White, with a Blood-red Centre." One of the finest quilled Asters. Flowers, produced freely, are 3 to 4 inches across, of globular form, composed of round or quill-shaped petals. The color is pure white with a centre or crown of blood-red. The plants grow about two feet high..... 15
- Pearl, with Rose Crown.** An elegant Aster, 12 to 14 inches high, bearing 20 to 25 large and very beautiful double flowers. The centre is pure white, surrounded with an exquisite rose-colored crown..... 15

- Crown, Mixed Colors.** The centre of each flower is white, surrounded by a broad margin of color, such as crimson, rose, violet, etc.; flowers large and freely produced; height, 18 inches to 2 feet..... 10
- Giant Emperor, Mixed Colors.** This variety produces the largest flowers of any, but at the expense of quantity; many measure 6 inches and over in diameter and are perfectly double; height, 18 inches..... 10
- Betteridge's Quilled, Mixed Colors.** Flowers composed of tube or quill-shaped petals. This is an improved strain, with large double flowers and of beautiful colors; 2 feet. (See cut No. 4.)..... 5
- Miniature Bouquet, Mixed Colors.** The little round plants, 6 to 8 inches high, are fairly hidden with very double button-like flowers..... 10
- Dwarf Pyramidal Bouquet, Mixed Colors.** Pretty class; very profuse bloomers, producing 20 to 50 heads of bloom; many beautifully tipped; grows 1 foot high..... 10
- Diamond, Mixed Colors.** Flowers regular and double; 1¼ inches in diameter, and produced in greatest profusion..... 10

- Harlequin, Mixed Colors.** Very oddly spotted and striped double flowers. They are dwarf in habit, novel and very unique..... 10
- Comet, Mixed Colors.** These very beautiful Asters have long, wavy and twisted petals formed into a loose yet dense half-globe, resembling the Japanese Chrysanthemums; flowers 3½ to 4½ inches across..... 15
- Comet, White.** Pure white, long twisted petals..... 20
- Victoria Needle, Mixed Colors.** Flowers large and double, each petal of which is curved as a knitting-needle; very unique and beautiful; remarkably free flowering; grows 18 inches high..... 10
- Dahlia-flowered Aster, "Snowball" or "White Princess."** Entirely distinct. A plant produces about 30 pure white, faultlessly formed, semi-spherical flowers, and composed of short, thickly set, imbricated petals, giving the flower the charming appearance of a Lilliput Dahlia..... 25
- China, Mixed Colors.** A tall, double flowering class, very largely sold, but by no means equal to the improved varieties..... 5

For Collections of Asters, see page 68.

Bedding Varieties that Bloom the First Season.

BALSAMS (Double).

(Lady's Slipper—Touch-me-nots.)

Among the showiest and most popular of summer garden annuals, forming dwarf bushy plants profusely covered with large double flowers of brilliant colors throughout the summer and autumn; height, 1½ to 2 feet.

Crimson, Spotted White.....Pkt. 10	Lavender 10
White, Striped Red and Purple 10	White Perfection. The finest pure white grown; flowers unusually large and double..... 15
Solferino. White, spotted lilac and scarlet..... 10	Extra Choice Double Mixed. (See cut.)..... 10
Pink 10	Double Mixed 5
Scarlet 10	
White 10	

Collection of 8 Superb Double Varieties, 60 cts.

BARTONIA.

Aurea. The "Californian Golden Bartonia." This is a splendid annual; one of the showiest and brightest of garden flowers; large golden blossoms borne in great profusion all summer; a moist situation induces best results; height, 1 foot.....Pkt. 5

BRACHYCOME.

(Swan River Daisy.)

This beautiful annual grows about eight inches high, forming a close, compact plant, with large single blue or white flowers, borne freely all summer.

Mixed Colors.....Pkt. 5

BROWALLIA.

(Amethyst.) Handsome annuals, with blue or white flowers completely studding the bushy plants during the whole summer; fine for garden beds in summer or pot culture in winter; 1½ feet. **Mixed Colors**.....Pkt. 5

BELLIS.

(Double Daisy.)

Well-known favorites; admirably adapted for edgings, borders and low beds, and also well suited for growing in pots; although perennials, they will flower the same season if the seed is sown early in the house, though it is preferable to sow it in the fall, and winter the plants over in cold frames, ½ ft.

Double White.....Pkt. 10

Longfellow. Large double pink flowers.. 10

Giant Snowball. Unusually large, very double, pure white flowers..... 15

Rose Crown. Double flowers, each having a rose-colored centre or crown flower..... 15

Double Mixed. 1½ foot..... 10

Double Quilled, Mixed. The petals are as round as knitting-needles..... 15

CALLIRHOE.

(Mallow Poppy.)

Involucrata. A charming dwarf, prostrate plant, producing large, saucer-shaped flowers 2 inches across, of a rich dark crimson; very effective for beds or trailing over rock-work.....Pkt. 5

Pedata Nana. An annual variety, forming dense, compact bushes. Handsome crimson flowers, 2 inches across.... 5



CALENDULA, "PURE GOLD."

CALANDRINIA.

Grandiflora. Very beautiful dwarf-growing annual for the flower garden; in the sunshine the large rose flowers expand into a perfect blaze of beauty. 1 ft... 5

CALENDULA.

(Pot Marigold.)

Remarkably profuse and continuous blooming dwarf, bushy annuals, of easy culture; indispensable for summer garden or for pot culture in the winter. 1 foot.

Queen of Trianon. This comparatively new variety is of distinct beauty. The very double flowers are borne in such numbers as to almost cover the plants. Color, bright canary yellow, with a maroon centre.....Pkt. 10

Pluvialis. (Cape Marigold.) Large, pure white single flowers.... 10

Pongei fl. pl. Double white.. 5

Meteor. Large double yellow flowers, striped with orange.. 5

Prince of Orange. Similar to "Meteor," but much darker... 5

Rannunculoides fl. pl. Double orange..... 5

Pure Gold. A magnificent variety of pure golden yellow; large double flowers, borne profusely until frost. (See cut.)..... 10



CALLIOPSIS.

(Coreopsis.)

These beautiful "Bright Eyes" are showy summer bedding annuals, with large, bright flowers borne in great profusion all summer long, and succeeding almost everywhere. They are elegant for garden decoration and fine for cutting. 2 feet. (See cut.)

Double Calliopsis. (Calliopsis tinctoria fl. pl.) The flowers double, of rich golden yellow, with wine maroon spots.. 10

Golden Wave. (Drummondii.) Plant very bushy and compact, and covered with hundreds of beautiful golden blossoms, 2 inches across, with small dark centres..... 5

Dark Crimson..... 5

Finest Mixed..... 5

Yellow and Purple Brown..... 5

Tom Thumb Mixed. A beautiful strain; plants dwarf and compact; 1 foot high..... 10

Imported collection of 10 separate sorts, 50 cts. For hardy Coreopsis, see page 86.

Centaureas, White Leaved.

Valuable plants for ribbon bedding, the silvery whiteness of the leaves being very effective with other colored leaved plants. Although perennials they are usually grown as annuals.

Candidissima. Round compact plants, 1 foot high, silvery white.....Pkt. 10

Clementi. Arching white, fringed leaves; height, 1½ ft.... 10

Gymnocarpa. One of the best, white foliage; height, 1½ ft.. 10



CALLIOPSIS.

Refer to the Index (2d page Cover) for Flower Seeds you cannot readily find.

Bedding Varieties that Bloom the First Season.

CANNAS.

Dwarf Large Flowered French. In this new class of Cannas, the foliage is luxuriant and the plants dwarf in habit. Their great merit, however, lies in the large size and brilliant hues of the flowers, ranging through all shades of yellow and orange to the richest crimson, scarlet and vermilion; some are also beautifully spotted. Seed sown in a hot-bed or greenhouse from January to April will produce flowering plants in July. (See cut.) **Mixed**.....Pkt. 10
Collection of six separate Dwarf French Cannas, 50 cts.

Marechal Vaillant. Flowers orange, foliage bronze, 4 to 6 ft. 5
Zebrina. Flowers scarlet, foliage striped..... 5
Mixed (Old Types). Many varieties..... 5
Imported collection of six separate Cannas (Old Types), 25 cts.



CANNA, DWARF FRENCH, LARGE FLOWERED.

CELOSIA OR COCKSCOMB.

Very popular annuals of the easiest culture, producing large ornamental, comb-like heads; not only are they highly prized for summer flower beds, but they make fine pot plants.

Queen of the Dwarfs. This is the finest Cockscumb we ever saw. It grows only 8 in. high. The combs are from seven to ten inches across, of perfect form and of brilliant dark scarlet. (See cut.).....Pkt. 10

Variegata. Large gold and crimson striped combs. 2 ft. 5
Japonica. A branching pyramidal plant, each branch bearing a comb of rich crimson color and finely ruffled..... 5

New Golden Japan. In habit this is the same as the crimson variety; of bright golden yellow..... 10

Glasgow Prize. Very dwarf; immense crimson combs. 1 ft. 10

Golden Beauty. Golden yellow combs; plant only 1 ft. 5
Dwarf Mixed. Many colors. 1 ft. 5

Imported collection of 6 dwarf varieties, 30 cts.

CENTAUREA.

Ragged Sailor, Corn Flower, Blue Bottle.

Cyanus or Bluet. A very old favorite garden annual, flowering freely in almost any situation; height, 2 to 3 feet; for cut flowers they are largely used both in Europe and this country, a little bunch of the blue corn flower being a favorite boutonniere.

Blue, Rose, White or Mixed.....Pkt. 5

Double. Produces double globular flowers of large size and filled up to the centre with florets; the mixture we offer contains many novel new colors, some prettily striped. (See cut.)..... 10

Victoria. This charming diminutive variety of the old favorite Corn-flower or Bluet forms little bushes only 8 inches high, producing clusters of bright blue flowers similar but smaller than the type, in remarkable abundance; a very pretty plant for edging or pot culture. . 25

Americana. Large growing annual, 3 feet high; very showy for borders or backgrounds; purplish red..... 5

(For white leaved Centaureas, see page 70.)



CENTAUREA CYANUS, DOUBLE.



NEW LARGE FLOWERING ROSE CANDYTUFT.

CANDYTUFT.

Dwarf annuals, flowering profusely throughout the whole season; great favorites for beds, edgings, pots and borders; the plants are fairly covered with blossoms, and of the easiest culture; 12 inches high.

New Large Flowering Rose. A magnificent Candytuft, bearing immense umbels of exquisite rosy flesh-colored flowers so abundantly as to hide the plant. (See cut.).....Pkt. 10

Empress. A beautiful variety, bearing candelabra-shaped branches, each producing a large truss of pure white flowers, presenting a perfect pyramid of bloom throughout the summer..... 10

Carmine 5	Crimson Pkt. 5
Purple 5	White 5
White Rocket 5	White Fragrant 5
Mixed Colors 5	

Tom Thumb Candytuft.

Bushy little plants only 4 to 6 inches high; splendid for edgings.

Tom Thumb, White 10	Tom Thumb, Rose Pkt. 10
Purple 10	Mixed Colors 10

For hardy Candytufts, see page 87.

CELOSIA PLUMOSA.

(Feathered Cockscumb.)

Handsome pyramidal plants 2 to 3 ft. high, producing at the summit of each branch long feathery plumes of very graceful effect.

Triomphe d'Exposition. This is the most beautiful of the plumed Cockscumbs, forming symmetrical plants about 3 feet high, bearing large feathery crimson plumes; it is of vigorous growth, coming rapidly to perfection, and grand for beds and very effective for pots.....Pkt. 15

Mixed Colors..... 10

Our Prices this Season are lower than ever. Read what we say on this subject on pages 1 and 2.

Bedding Varieties that Bloom the First Season.

CHRYSANTHEMUMS. Single Annual Varieties.

(Painted Daisies.)

- Summer blooming plants of compact growth and thrifty habit, 12 to 18 inches high, producing quantities of large single flowers, 2 inches across. Colors, crimson, gold, maroon, white, etc. (See cut No. 2.)
- Burridgeannum.** White, crimson and yellow.....Pkt. 5
 - Eclipse.** Golden yellow, scarlet ring; centre rich brown..... 5
 - Golden Feather.** Foliage golden yellow; flowers ringed white, crimson and canary, maroon eye..... 5
 - Gladstone.** Brilliant rich crimson..... 5
 - Lord Beaconsfield.** Crimson, maroon edged and striped gold, brown eye, ringed yellow..... 5
 - Segetum Grandiflorum.** Extra large sulphur yellow flowers, 2½ inches across..... 5
 - The Sultan.** Crimson maroon, centre a wide gold ring..... 5
 - Single Annual, Mixed**..... 5

Imported collection of 6 Annual Sorts, 25 cts.

Double Annual Varieties.

(C. Coronarium, fl. pl.)

- Bushy, thrifty plants about 1 foot high; very effective for summer flower beds, pot culture and for cut flowers. (See cut.)
- "Porcupine."** Each petal forming a tube vaulted and arranged like tiles, which gives it a picturesque and lovely effect; color golden yellow. (See cut No. 1.).....Pkt. 15
- Double Yellow**..... 5
 - Double White**..... 5
 - Double Scarlet**..... 10
 - Double Annual, Mixed**..... 5

New Double Hybrids.

(Chrysanthemum carinatum, fl. pl.)

New and unique varieties. Some are pure white, yellow or crimson, but the prevailing types are bronzy yellow, the florets tinged with red, lilac or rose. The ray florets are beautifully penciled; others have rich crimson centres with clear yellow guard petals. Although mostly very double, there will be an occasional semi-double or even single, but these are almost equally charming. Finest mixed colors. (See cut.).....Pkt. 15



ANNUAL CHRYSANTHEMUMS.

CHRYSANTHEMUMS, CHINESE and JAPANESE.

These perennial varieties will bloom the first season from seed if sown early.

- The magnificent and regal beauty of these royal flowers of the Japanese Empire has placed them on a wave of popularity unequalled in the floral world. Their luxuriance of growth and ease of culture place them in the front rank as "the flower for everybody." This seed has been saved from many new varieties.
- Grand mixture**.....Pkt. 25
 - Inodorum Plenissimum.** Double white flowers borne throughout the season in profusion. Fine for vases and cutting..... 10

CINERARIA.

(Dusty Miller.)

Maritima. Extensively used for ribbon planting, vases, hanging baskets, etc.; leaves silvery gray; although perennial it is usually grown as an annual. 1 ft.....Pkt. 5

For flowering varieties, see page 72.



CLEOME PUNGENS.

CLARKIA.

Charming annuals for flower beds. The flowers of rose, white, red, purple, etc., borne in profusion during the summer. 1 to 2 ft.

- Single Mixed.** Many sorts.....Pkt. 5
- Double Mixed.** Including many sorts..... 5

CLEOME.

Pungens. (Giant Spider Plant.) This is a showy plant, 4 to 5 ft. high, producing curious heads of flowers of bright rose color with long antennæ-like stamens, giving a very graceful effect. They are of easy cultivation, blooming early, and continuing until late in the season. (See cut.).....Pkt. 5

COLEUS.

Plants with richly colored foliage of maroon, green, crimson, yellow, etc. For groups on lawns and ribboning they are indispensable, and also valuable for pot culture. Although perennials they attain perfection from seed the first season. 1 to 3 ft.

- Fine Hybrids, Mixed**.....Pkt. 25

CONVOLVULUS MINOR.

(Bush Morning Glories.)

These beautiful "Bush Morning Glories" grow only about 1 ft. high; the flowers are freely borne, and, if pleasant, remain open all day. The plant spreads with much regularity in all directions, and a bed of them is a beautiful object throughout the summer.

- Crimson Violet.** Rich crimson violet, white throat, yellow eye.....Pkt. 5
- Minor, Mixed.** Including many varieties..... 5

For Climbing Morning Glories, see page 83.

COLLINSIA.

Free flowering, summer blooming annuals of great beauty, for massing and mixed flower borders; there is a great variety of color—white, purple and crimson predominating. 1 to 2 ft. **Mixed Colors**.....Pkt. 5

COSMOS.

The plants grow 4 to 6 ft. high and are literally covered in the autumn with large single-dahlia-like flowers, ranging through shades of rose, purple, white, etc.; splendid for cutting purposes. Feathery foliage. (See cut.)

- Large Flowering, Mixed Colors**.....Pkt. 10
- White Pearl.** Beautiful snow-white..... 10

CREPIS (Hawk's Beard).

These very pretty dwarf-growing annuals are well deserving a place in every garden, being of easy culture, blooming in profusion, and excellent for cutting. Height, 1 ft.

- Mixed Colors**.....Pkt. 5

Refer to the Index (2d page Cover) for Flower Seeds you cannot readily find.



COSMOS.

Bedding Varieties that Bloom the First Season.

DIANTHUS or PINKS.

The family of "Pinks" are unrivaled for brilliancy and rich variety of color; the plants are bushy, of symmetrical form—blooming so profusely as to almost cover the plants uninterruptedly until late in autumn, rendering them one of the most beautiful and satisfactory of all annuals for summer flower gardens; they also make very beautiful pot plants. Height, about 1 foot.

Double Annual Dianthus.

- Chinensis fl. pl., Mixed Colors.** China or Indian Pink. 1 ft. Pkt. 5
 - Hedewigii fl. pl., Mixed Colors.** Japan Pink, large flowers. 5
 - Laciniatus fl. pl., Mixed Colors.** Double fringed. 5
 - Double Diadem, Mixed Colors.** Splendid large double flowers of many colors, each hieroglyphically edged and marbled in the most charming fashion. 5
 - Snowball.** Pure white; large double fringed flowers of perfect form. 10
 - Fireball.** Densely double flowers of large size and of marvelously rich and brilliant velvety red. (See cut.) 10
 - White Frill, or Mourning Cloak.** Double flowers of large size, of rich and unique colors; rich purple, maroon, almost velvet black, and sharply edged with clear white, making a strikingly beautiful contrast. 10
 - Double Striped and Fringed, Mixed Colors.** These are particularly grand. The immense flowers are very double, deeply fringed at the edges and of many exquisite colors, all of which are charmingly striped with some other color. 10
- Imported collection of 8 distinct named Dianthus, 40 cts.*

Single Annual Dianthus.

- Flowers very large, 2 inches and over across, and freely produced, and of the richest colors and finely fringed.
- Little Gem, or The Bride.** It forms a plant only six inches high, which is almost smothered with charming flowers. Color, an exquisite combination of wine red suffused and veined with a rosy carmine and broadly margined with white. (See cut.) Pkt. 10
- Snowflake.** Pure snow-white flowers of large size, exquisitely fringed. 10



LITTLE GEM PINK.

Single Dianthus—Continued.

- Eastern Queen.** Immense single flowers, beautifully fringed, marbled and suffused with carmine rose, mauve and lilac. 5
 - Crimson Belle.** Magnificent large single fringed flowers of lustrous velvety crimson. 5
 - Laciniatus, Mixed Colors.** Finest single fringed sorts. 5
- For other varieties, see Dianthus, page 87; Carnations, page 92; Sweet William, page 90.*

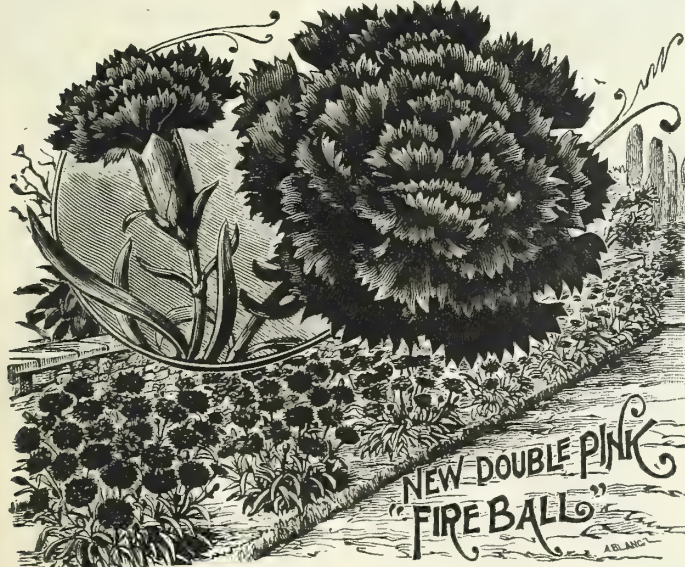
DAHLIA.

Double Varieties.

- Although perennials, these will flower freely the same season from seed, producing large double flowers of perfect form, and of rich colors and markings in greatest variety; indispensable for garden decoration. 4 to 6 ft.
- Choice Double Mixed.** Many colors. Pkt. 10
- Pomponne, Double Mixed.** Small flowering. 10

Single Varieties.

- From their grace and beauty are much used for cut flowers; also handsome bedding plants, flowering in great profusion in a large variety of color. Seed sown in spring will produce plants that bloom from August until frost. 2 to 4 ft.
- Single Mixed Selfs and Striped.** Many colors; many striped and spotted. 10



CACTUS DAHLIA.

- Juarezii.** Brilliant scarlet double flowers of distinct and remarkable appearance, and worthy of extensive cultivation. Pkt. 15

DATURA.

- Strong growing ornamental annuals, with very large and showy flowers, making handsome plants, 2 to 3 ft. high, for flower beds or borders.
- Double Golden.** Large double golden yellow flowers; very fragrant. Pkt. 5
- Wrightii.** Large white and lilac flowers. 5
- Fastuosa fl. pl., Mixed.** Fine double varieties. 5

ESCHSCHOLTZIA.

(California Poppies.)

Showy summer flowering annuals, of the easiest culture, forming nice bushy plants 1 ft. high, which produce in wondrous profusion large saucer-shaped flowers of striking brilliancy in the sunlight. (See cut.)

Single Varieties.

- Californica.** Sulphur with orange centre. Pkt. 5
- Mandarin.** Large flowers of a bright scarlet; inner side rich orange. 5
- Finest Mixed** 5

Double Varieties.

- Double White**.... 5 **Double Yellow**.... 5 **Double Mixed**.... Pkt. 5

KAULFUSSIA:

- Beautiful dwarf annuals for summer flower beds with flowers of white, violet, rose.
- Fine Mixed** Pkt. 5

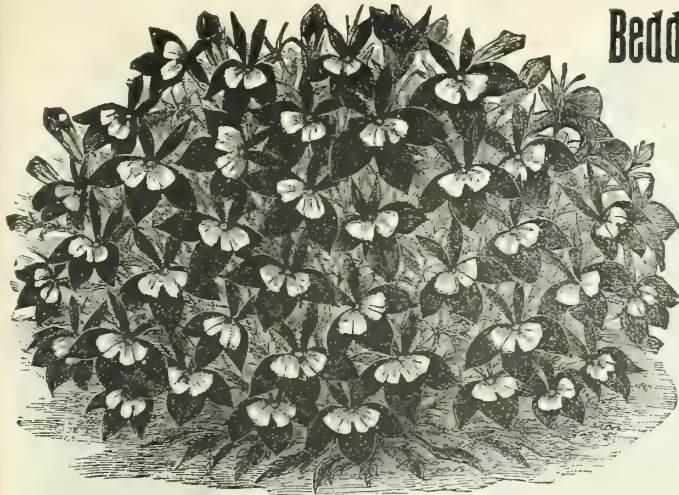


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ESCHSCHOLTZIA.

Our Prices this Season are lower than ever. Read what we say on this subject on pages 1 and 2.

Bedding Varieties that Bloom the First Season.



LOBELIA, BLUE KING.

LOBELIA. Compacta Varieties.

Little, round, compact plants, 4 to 6 inches high, forming little mounds of bloom; splendid for edging, beds and ribbon gardening. (See cut.)

White Gem. Pure white..... 10 **Prima Donna.** Dark wine..... Pkt. 10
Crystal Palace. Dark blue; the finest for bedding..... 10
Blue King. Dark blue, white centre. (See cut.) 15 **Mixed Compacta Varieties**..... 10

LYCHNIS.

Haageana Hybrids. A most beautiful class of plants usually grown as annuals as they soon come into flower from seed; of dwarf, bushy habit, 1 foot high, bearing flowers an inch or more across in continuous succession until frost; the colors are particularly pleasing and effective—from white to rich scarlet and many shades of pink. **Mixed Colors**..... Pkt. 10

MALOPE.

Grandiflora. Robust hardy annuals, large saucer-shaped flowers of crimson, rose and white, 4 to 5 ft. **Mixed Cols.** 5

MALVA.

Moschata Alba. (White Musk-scented Mallow.) This is an attractive garden plant growing 1 to 2 ft. high, blooming the first season from seed, and produces numerous white flowers an inch across..... Pkt. 10

MARVEL OF PERU.

(Four o' Clocks.)

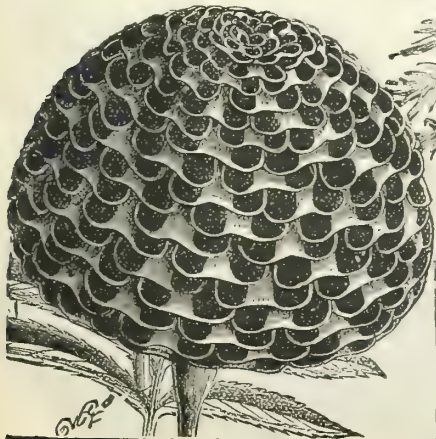
Beautiful summer-blooming annuals of bushy habit, 2 feet high, each plant bearing throughout the summer hundreds of large flowers of white, yellow, crimson, striped.

Mixed Colors..... Per oz., 25.... Pkt. 5
Variogated Foliage, Mixed Colors.
 Foliage striped and marked. Per oz., 35.... Pkt. 5

MUSA ENSETE.

(Abyssinian Banana Tree.)

A foliage plant of magnificent proportions; for sub-tropical massing or as single specimens they are strikingly effective. Seeds sown early in the house will produce plants 10 to 15 feet high the first season. (See cut on page 76.)..... Pkt. 25



MARIGOLD, FRENCH GOLD STRIPED.

LAVATERA.

Trimestris. Tall, robust growing bushy annuals, 3 feet high, producing freely large showy single flowers of rose, white, etc. **Mixed Colors**..... Pkt. 5

LEPTOSIPHON.

Finest Mixed. Handsome dwarf annuals for masses, beds and edgings; when planted in masses they form entire sheets of bloom not over 6 to 8 inches above the ground; they also do nicely in pots for winter blooming..... Pkt. 5
New White Hybrid. Spreads over the ground like a carpet, and produces hundreds of little waxy white flowers, not over a quarter of an inch across, nestling like dewdrops in their bright green setting..... 10

LINUM.

Coccineum. One of the most showy annuals in cultivation for flower beds and masses; brilliant crimson scarlet flowers, 1 inch across, borne in wonderful profusion. Height, 1 foot..... Pkt. 5

LOBELIA.

Erinus Varieties.

These are indispensable plants with trailing branches 6 to 9 inches long, bearing continuously flowers of charming blue, white or rose shades for hanging over vases and baskets. Although perennials they are usually treated as annuals.

Alba. Pure white..... Pkt. 5 **Spesciosa.** Bright blue..... 5
Gracilis. Light blue; slender, trailing stems..... 5
Mixed Erinus Varieties. 5 **Double Blue (Duplex)** 10



MARIGOLD, EL DORADO.

MARIGOLD.

These annuals are old favorites in our gardens, but have been greatly improved recently in size and doubleness of flowers. They are very effective for groups and masses.

Double African Marigolds.

Double African, Mixed. Yellow and orange shades. 2 ft..... Pkt. 5
El Dorado. Immense flowers, 10 to 14 inches around; exceedingly double; primrose, lemon, orange and golden shades. (See cut.) 3 ft..... 10
Nugget of Gold. Very double quilled flowers of rich golden yellow; plant very dwarf and stocky..... 10

Imported collection of Double African Marigolds, 6 separate colors, 25 cts.



NEW FRENCH MARIGOLD. "GILT EDGE"

Double French Marigolds.

Double French, Mixed. Yellow, brown and crimson, beautifully striped. 1 ft..... Pkt. 5
Dwarf, Gold Striped. Rich velvety maroon; double flowers, striped with gold. 1 ft. (See cut.)..... 10
Gilt Edge. A new large flowering variety of dwarf French Marigold, differing from it in the more robust growth and in the larger and more perfectly double flowers, measuring from 3 to 4 inches across. The color of the flower is a velvety brown maroon, edged with yellow. (See cut.)..... 15

Imported collection of Double French Marigolds, 6 separate colors, 25 cts.

Our Prices this Season are lower than ever. { See what we say on this subject on pages 1 and 2.

Bedding Varieties that

Bloom the First Season.



MUSA ENSETE. (See page 75.)



MIGNONETTE.

This deliciously fragrant flowering plant is the most popular annual grown.

Large Flowering. The common sweet mignonette; per oz., 15 cts.; per ¼ lb., 40 cts.; per lb., \$1.00. *Pkt. 5*

Bird's Mammoth. Largest variety grown; under proper cultivation, the spikes average 12 to 15 inches long, are very full and exceedingly fragrant. *10*

Farson's White. Nearly white; strongly scented; long, well-formed spikes. *5*

Large White Upright. Foliage grayish green; flowers white, on long, slender spikes. *2 to 3 ft. 5*

Red Victoria. A very fine, distinct, profuse-flowering variety of dwarf, branching habit, bearing large and compact trusses of deep red flowers, very fragrant. *10*

Miles' Hybrid Spiral. Flowers white, very fragrant, spikes 8 to 12 inches long; plant dwarf and branching. *5*

Mâchet. A dwarf French variety, with broad spikes of very fragrant red flowers; one of the best varieties. *10*

Golden Queen. Golden yellow flowers; dense dwarf growth. *5*

Giant Red, Guichenou's "Ruby." Large dense spikes of bright red flowers. Plants are of dwarf, pyramidal habit. (See cut.) *15*

MYOSOTIS or FORGET-ME-NOT.

The popular "Forget-me-nots." Bushy plants 6 to 12 inches high, bearing clusters of lovely small flowers. They are perennials and hardy enough to remain in the open ground, excepting in very cold latitudes, where they should be well protected; but they are generally sown in the fall and wintered over in cold frames, when they will flower early in the spring; if sown early in the house they will flower the first season.

- Dwarf Alpine.** Compact plants, 4 to 6 inches high; flowering profusely; mixed colors. *Pkt. 10*
- Palustris.** Large flowering, dark blue. 1 ft. *10*
- Alpestris, Blue.** 1 ft. *5* — **White.** 1 ft. *5*
- Rose.** 1 ft. *5* — **Mixed.** *5*
- Dissitiflora.** Large, sky-blue flowers; very early and free blooming. 6 to 12 inches. *10*
- Semperflorens.** (Ever-flowering.) Flowering from early spring to autumn. 6 inches. *10*
- Azurica.** Flowers ½ an inch across; rich turquoise blue, without eye; in dense clusters. 6 inches. *10*
- Victoria, Blue.** Plants round, 5 to 7 inches high, and 16 to 18 inches in circumference; perfectly covered with large umbels of flowers of azure blue, remaining in bloom a long time. (See cut.) *10*
- Victoria, Rose.** A new rose colored variety of the above. *15*

NASTURTIUM.

Tom Thumb or Bedding.

One of our showiest and most popular annuals, forming compact plants, not over 1 foot high, making gorgeous masses of color from early summer until killed by frost; succeeding under all weathers and conditions and unsurpassed for garden decoration.

- | | | | |
|---|----------|---------------------------|----------|
| Aurora. Pink..... | Oz. Pkt. | Rose | Oz. Pkt. |
| Scarlet | 30c. 5 | Yellow | 25c. 5 |
| Gem. Sulphur, spotted maroon..... | 20c. 5 | | 20c. 5 |
| King of Tom Thumbs. Crimson..... | 25c. 5 | | 25c. 5 |
| Spotted | 20c. 5 | Pearl, White | 25c. 5 |
| Ruby King. Ruby red..... | 25c. 5 | | 25c. 5 |
| Beauty. Yellow, striped red..... | 25c. 5 | | 25c. 5 |
| King Theodore. Dark maroon..... | 25c. 5 | | 25c. 5 |
| Empress of India. Brilliant crimson, dark foliage, very effective. (See cut.)..... | 25c. 5 | | 25c. 5 |
| Cloth of Gold. Golden yellow foliage, scarlet flowers, very effective..... | 25c. 5 | | 25c. 5 |
| Lady Bird. Orange yellow, red spots..... | 25c. 5 | | 25c. 5 |
| Chameleon. Peculiarly marked crimson, bronze and golden yellow..... | 25c. 5 | | 25c. 5 |
| "Golden King of Tom Thumbs." Grand deep golden yellow..... | 40c. 10 | | |
| Mixed Tom Thumbs. Many sorts. Per oz., 15c.; per ¼ lb., 50c.; per lb. \$1.25 | | | 5 |

Imported collection of 12 Tom Thumb varieties, 50c. For Climbing Nasturtiums, see page 85.

Refer to the Index (2d page Cover) for Flower Seeds you cannot readily find.



MYOSOTIS, "VICTORIA."

NICOTIANA.

- Affinis.** An annual with sweet-scented, pure white, star-shaped flowers, 3 inches across, blooming continually. 2 to 3 ft. high. *Pkt. 10*
- Giant Red Flowered.** (*Nicotiana macrophylla gigantea purpurea.*) Magnificent decorative annual. The foliage is luxuriant and tropical in appearance; plants surmounted with the immense clusters of rich crimson flowers. They grow rapidly, about five feet in height, and commence blooming in July and continue in uninterrupted profusion until cut down by frost. *15*
- Colossea.** Attains a height of 5 to 6 feet during one summer; immense leaves, at first rose and violet, afterward changing to deep green with red nerves. A gigantic and imposing ornamental-foliated plant for lawns, giving an elegant tropical effect. It is of robust constitution and unaffected by winds or storms. *25*

NEMOPHILA.

Splendid annuals for beds and garden decoration; bright colored flowers, in shades of blue, white and violet. 1 ft.

Finest Mixed.....*Pkt. 5*



NASTURTIUM, "EMPERESS OF INDIA."



TOM THUMB NASTURTIUMS

Bedding Varieties that Bloom the First Season.

PANSIES.

HENDERSON'S MAMMOTH BUTTERFLY.

A strain of Pansy which for variety and beauty has never been excelled. Of matchless forms, colors and markings, WITH FLOWERS HALF AS LARGE AGAIN as ordinary Pansies. They will both astonish and delight "Pansy Fanciers."

Ten types as shown on the colored plate in our manual of "Everything for the Garden" in 1890.

Ebony. Rich velvety jet black with faint violet ring around the blotches.

Peacock. Wine red, margined yellow; blotched with maroon and violet.

Rainbow. Upper petals violet, lower petals red maroon, splashed with gold; all margined with white and pink.

Unique. White ground, each petal blotched with rich violet; an exquisite variety.

Oriflamme. Golden ground color, splashed claret; margined yellow; grand.

Red Wing. Beautiful light wine color with broad white margin, velvety violet blotches.

Masterpiece. Chocolate red, shading to wine red, narrow silver and pink margin.

Golden Crest. Extremely large bright yellow flowers, with three dark blotches.

Cinnamon. Velvety red brown, with bright gold splashes, dark chocolate blotches.

Tiger. Violet and lilac grounds, striped and blotched red, brown, gold, lavender, etc.

Price for any one of above varieties, separate, 25 cts. per packet; any five packets for \$1.00; or the entire collection of ten for \$1.50.

Henderson's New Mammoth Butterfly Pansies in mixed colors, from the above and other equally beautiful varieties—the *grandest mixture* ever offered. Per packet, 25c.

PANSIES.

Henderson's Highland. Mixed Colors. Grown for us by the most celebrated Pansy specialist in Scotland. Their merit consists in *uniformity* of clear, distinct markings, high colors, great substance, perfect form and *largest size.* (See cut.) Pkt. 50

Cassiers Odier or Five Blotched. Mixed Colors. Many beautiful colors; each of the five petals is marked with a large dark blotch. 25

Bugnot's Large Stained. Mixed Colors. A celebrated French strain of extra large size, choicest colors, and with beautifully broad blotches and delicate pencillings; a very shy seeder. 50

German, Finest Mixed. 15
Good Mixed. 5



HENDERSON'S MAMMOTH BUTTERFLY PANSY.

GIANT TRIMARDEAU PANSIES.

These are remarkably large Pansies which for size of flower and robust growth eclipse by all odds any known strain.

- Giant Striped.** Mahogany, striped with yellow. Pkt. 25
- Giant Blue.** Ultramarine blue, purple eye. 25
- Giant Golden.** Golden yellow, brown blotches. 25
- Giant Black.** Magnificent velvety black. 25
- Giant White.** White, with blue blotches. 25
- Giant Purple.** Velvety royal purple. 25
- Giant Violet and Gold.** Splendid. 25
- Giant Margined.** Purple, shaded heliotrope-flower, edged white. 25
- Giant Trimardeau. Mixed Colors.** 20

Collection of Eight Giant Trimardeau Pansies for \$1.50.

- Cardinal.** A rich brown scarlet; the brightest red Pansy grown. The three lower petals are marbled with a large dark blotch. 25
- Meteor.** A novel and most attractive bright terra cotta color which in the sunlight throws a striking fiery reflex. 20
- Brilliant.** Fine red. 25
- Emperor William.** Dark blue. 10
- King of the Blacks.** Black. 10
- White Treasure.** White, blue blotches 10
- Beaconsfield.** Violet, lavender and white 10
- Snow Queen.** Pure satiny white. 10
- Rex.** Deep purple. 10
- Fire Dragon.** Fiery orange and bronze 10
- Striped.** 10
- Gold Margined.** 10
- Bronze.** 10
- Yellow.** 5
- Azure Blue.** 5
- Mahogany.** 10

Imported collection of German Pansies, 6 varieties, 40c.; 12 varieties, 75c.



HENDERSON'S HIGHLAND PANSY.



GIANT TRIMARDEAU PANSY.

GENOTHERA.

- Fine Mixed.** "Evening Primroses," or "Sun Drops," large showy flowers of various colors; hardy annual. 1 to 2 feet. Pkt. 5
- Chilian Evening Primroses.** (*Enothera taraxacifolia*.) The plants grow only 6 to 8 inches high, saucer-shaped flowers measure six inches in circumference.
 - White. Changing to rose later in the day. 10
 - Golden. Bright golden yellow. 10

PALAVA.

Flexuosa. Beautiful annuals for beds or pots, large pink flowers with black throats; plants bushy, about 1½ feet high. Pkt. 5

NIGELLA.

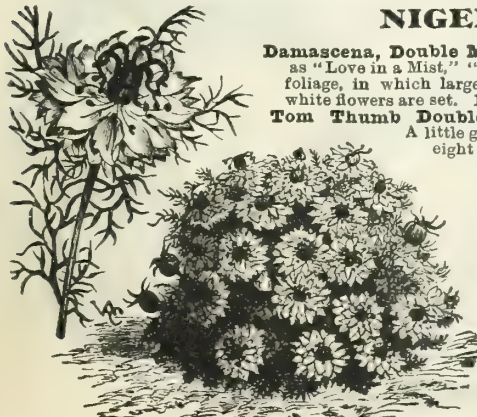
Damascena, Double Mixed. Pretty annuals, known as "Love in a Mist," "Devil in a Bush," etc.; feathery foliage, in which large, double, charming, blue and white flowers are set. 1 to 2 feet high. Pkt. 5

Tom Thumb Double White, Blue or Mixed. A little gem. Plants grow only six to eight inches high. (See cut.) 5

OXALIS.

Pretty little half-trailing annuals, for hanging baskets, vases, rock-work and edgings, flowering in profusion. 6 to 9 inches.

- Tropaeoloides.** Yellow, brown foliage. Pkt. 10
- Valdiviana.** Yellow; fragrant. 10
- Mixed.** Annual sorts. 10



NIGELLA, TOM THUMB.

Our Prices this Season are lower than ever.

Read what we say on this subject on pages 1 and 2.

Bedding Varieties that Bloom the First Season.

PETUNIA.

Few, if any, plants are more deservedly popular for bedding purposes, greenhouse or window culture; they produce showy flowers in profusion. Although perennial they flower in a few weeks' time from the seed.

Single Petunias.

Fine Mixed. Single.....Pkt. 5
Striped and Blotched. Single; mixed. 10
Dwarf Inimitable. Dwarf plants, 6 to 8 in. high, flowers cherry red, with a white centre; splendid for edgings and massing..... 10

Single Large Flowering.

Giants of California. A Californian strain of incomparable beauty, size and luxuriance. Most of the flowers are exquisitely ruffled or fringed on the edges, and are of enormous dimensions (4 to 5 inches across), but their great merits lie in the tremendous varieties of colors, markings, veinings, blotchings and stripings, in the most grotesque and beautiful combinations; some with charming deep throats of yellow, white, black, green or maroon, running off into intricate veins. Some of the colors are rich and gorgeous and others of lovely delicate shades. (See cut.) Price, for mixed varieties, Pkt. 35

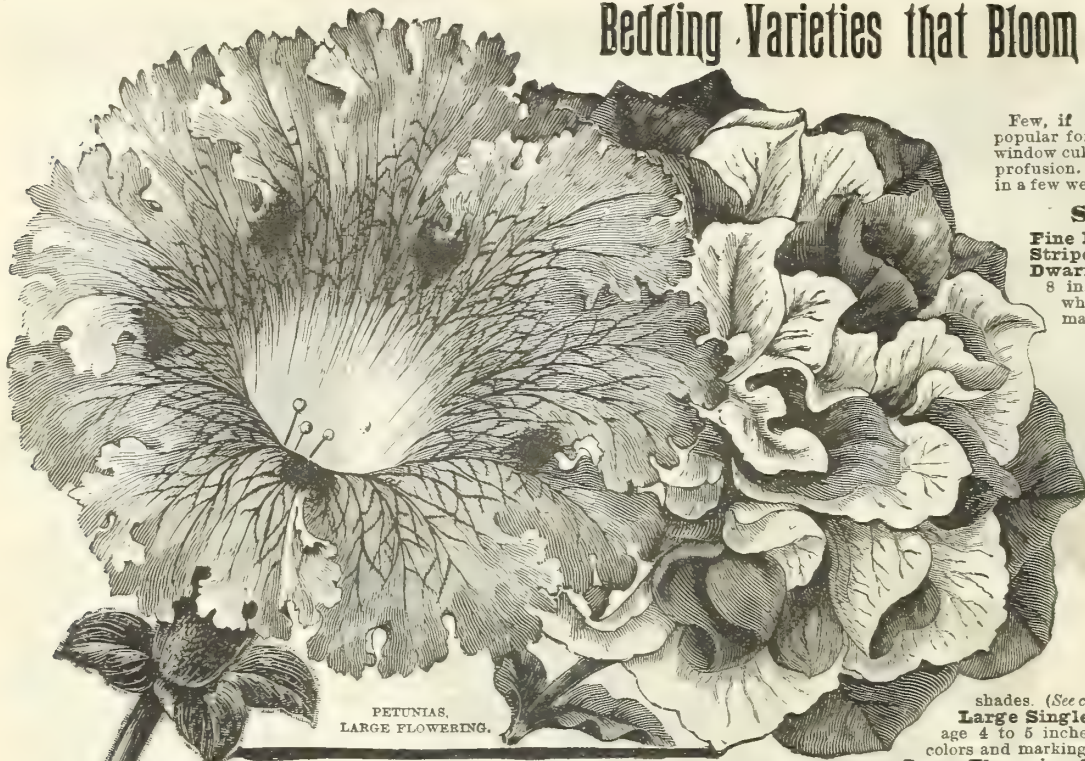
Large Single Fringed, Mixed. Flowers average 4 to 5 inches across, of innumerable shades, colors and markings; all beautifully fringed..... 25
Large Flowering Single, Mixed. All sorts; striped, blotched, veined, fringed, etc..... 20
Steel-Blue, Veined. Large flowering; a beautiful bright steel-blue, intricately veined..... 25
Large Yellow Throated, Mixed. Largest size, and many beautiful colors, each having a deep yellow throat and veins, 50

Double Petunias.

Double Large Flowering, Mixed. A magnificent strain with flowers 3 to 4 inches across, very double and of the most beautiful shades of crimson, white, rose, maroon; blotched, striped, veined, bordered, marked, fringed, etc. (See cut.)... 25
Large Double Fringed, Mixed...... 50
Large Double Green Edged, Mixed colors. Each petal edged with green; very unique and beautiful..... 50
Dwarf Double Inimitable. 6 to 8 inches high; small double cherry and white flowers..... 35

POLYGONUM.

P. Orientale foliis variegatis. A beautiful annual, growing 8 to 10 feet high. The red flowers are borne in spikes 7 to 8 inches long, in great numbers; the luxuriant foliage is strikingly variegated with white.....Pkt. 10



PETUNIAS, LARGE FLOWERING.

Petunia, Ring of Emerald. Form a dense globular bush, only 10 to 12 in. high, and 14 to 15 inches across, with large, perfectly formed flowers of a rich crimson, edged with a broad green margin.....Pkt. 25

Petunia, Pink Mound. Compact little bushes, not over a foot high; flowers of a brilliant rose pink color with a white throat produced in remarkable abundance so as to fairly hide the plant. A veritable "Mound of Pink." (See cut.)..... 15



PETUNIA, GIANT OF CALIFORNIA.

PHLOX DRUMMONDI.

There can be no stronger proof of the value and beauty of this than the extent to which it is grown. For beds and massing nothing can surpass these beautiful annuals. They produce immense trusses of large brilliant flowers of numberless hues throughout the summer. 1½ ft. high.

Mixed Colors. (50 cts. per oz.).....Pkt. 5



NEW PETUNIA, PINK MOUND.

Large Flowering Phlox.

An improved strain with very large, perfectly round flowers, the petals overlapping each other. (See cut.)

Pure White.....Pkt. 10	Brilliant Scarlet 10
Chamois Rose 10	Blood Red 10
Black Brown. Much darker than any other shade we have of Phloxes..... 15	
Red, Striped White 10	Yellow 10
Crimson, White Eye 10	
Large Flowering Mixed. Per oz., \$1.00..... 10	

Imported collection of 12 separate varieties, 75 cts.; 6 separate varieties, 40 cts.

Dwarf or Nana Compacta Phlox.

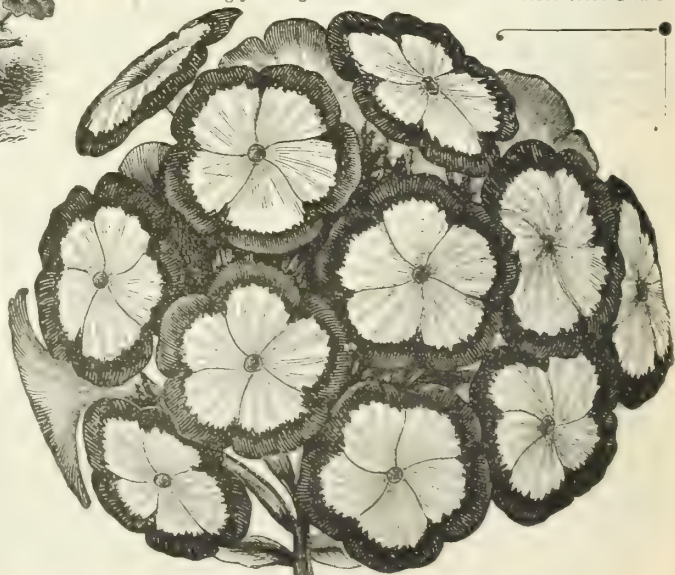
These form little round compact bushes about six inches high, thickly studded with flowers; splendid for beds and pot culture.

Dwarf White.....Pkt. 10	Red, Striped White 10
Violet and Blue 10	Blood Red 10
Delicata. Yellowish rose, carmine rose centre..... 10	
Dwarf, Mixed 10	

Imported collection of 6 Dwarf Phlox, 60 cts.

Star-Shaped Phlox. "Star of Queadlinburg." Flowers are of regular star-like form. Plant of compact habit, bearing large umbels of flowers. Mixed colors... 10
Double Phloxes, Mixed Colors. The flowers are produced in profusion, and last longer in bloom than the single..... 15

For Hardy Phloxes, see page 89.



PHLOX DRUMMONDI, LARGE FLOWERING.

Refer to the Index (2d page Cover) for Flower Seeds you cannot readily find.

Bedding Varieties that Bloom the First Season.

POPPIES.

Exceedingly showy annuals, making a gorgeous display in the flower garden; blooming lavishly.

Single Annual Poppies.

- Empress of China.** Flowers 4 to 5 inches across, of pure satiny white with a distinct feathered margin of scarlet. Height about 2 feet. (See cut.) 15
- Armenian Tulip Poppy.** (*Papaver glaucum.*) A new species 12 to 14 inches high, each plant producing 50 to 60 vivid scarlet flowers. The two outer petals form a saucer surrounding two erect petals, giving a very unique and handsome appearance of scarlet Tulips. 15
- Flag of Truce.** Satiny, white flowers, three to four inches across. 10
- Danebrog.** Large, bright scarlet, with a white cross in the centre. 5
- Umbrosium.** Rich vermilion, with a black spot on each petal. 5
- English Scarlet.** The common field Poppy of Britain; bright, dazzling scarlet. 5
- Peacock Poppy.** Vivid scarlet and cherry crimson, with a glossy black zone near the centre. 10
- Fire Dragon.** Flowers four inches across, of brilliant scarlet, with black spots margined white. 10
- Californica.** A new California Poppy. It grows about one foot high; flowers 2 inches across, of a pinkish orange, with a sulphur yellow centre. 15
- Shirley.** (See colored flowers on the front cover of this Catalogue.) The absence of black blood gives them their wonderfully light, bright tissue-paper-like appearance. The colors range from purest white through pinks of all shades to glowing scarlet, but a scarlet without black. Some are red with white edges, and others veined and streaked and flaked from the centre toward the edges in the most charming confusion. In mixed colors. 10
- Iceland Poppies.** (*Papaver nudicaule.*) The fragrant elegant crushed-satin-like flowers are produced in never-ceasing succession from the beginning of June to October. The flowers last quite a week if cut as soon as open.
- Bright Yellow** 10 **Vivid Scarlet** 10
- Pure White** 10 **Gold Tinged, crimson**, 10
- Mixed Colors** 10

Collection of 4 Iceland Poppies, 40 cts.
Single Mixed Poppies. Annual sorts. 5

Double Carnation Flowered Poppies.

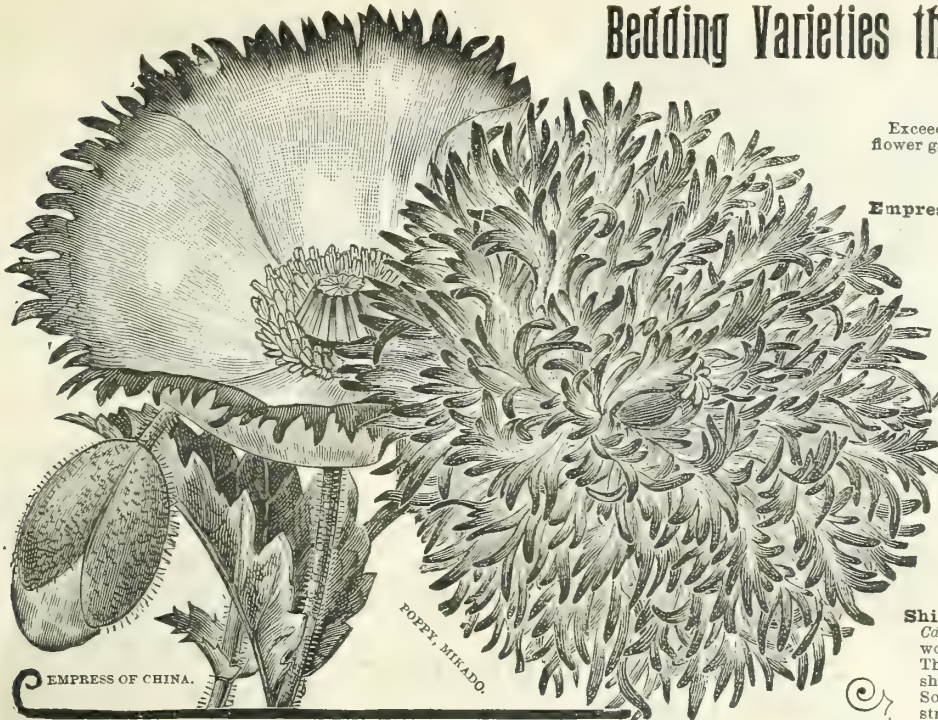
- A magnificent class; flowers round and double. (See cut.)
- Eider-Down.** Sturdy plants 1½ ft. high; flowers like great round balls of eider-down, as white as snow, the edges of the petals being deeply pinked or slashed. Pkt. 10
- Mikado.** Large double flower; pure white with fringed edges of crimson scarlet. (See cut.) 10
- Fairy Blush.** Large double fringed flowers; white tipped with rose. 10
- Brilliant Scarlet** 5 **Rose** 5
- Silver Gray** 5 **Pure White** 5
- Scarlet and Yellow** 5
- Mixed Carnation Flowered.** Many colors. 5

Imported collection of 8 separate Carnation Flowered Poppies, 30 cts.

- Double French Poppies, Mixed Colors** 5
- Double Peony Flowered Poppies, Mixed** 5
- White Striped Scarlet.** (*Peony flowered*), Large double flowers, striped with fiery scarlet on satin white. 15
- Chamois Rose.** (*Peony flowered*). Large; perfect ball-shaped flowers. 10

Imported collection of Double French Poppies in 6 separate varieties, 25 cts.

For Hardy Perennial Poppies, see page 89.



PORTULACA.

Brilliant dwarf annuals, only 6 inches high, luxuriating in warm situations, and blooming profusely from early summer to autumn. For low beds and masses of color, from spring until frost, they are indispensable; colors range through innumerable shades of red, yellow, pink, striped, white, etc.

Single Mixed. (Per oz., 40c.) Pkt. 5

Double Varieties.

These make perfectly gorgeous masses of color; the flowers of the double sorts remain open all day.

- Yellow Striped Crimson** Pkt. 15
- Rose Striped Carmine** 15
- White** 15
- Scarlet** 15
- Sulphur** 15
- Rose** 15
- Large Flowering, Double Mixed.** (Per ½ oz., \$1.00.) 10

Imported collection of 6 separate double sorts, 60 cts

PYRETHRUM.

Yellow Leaved Sorts.

Dwarf growing plants, extensively used for ribbon and carpet bedding; the plants grow about 10 to 12 inches high, with foliage of bright yellow. These are usually grown as annuals although they are perennials.

- Aureum.** Yellow foliage. Pkt. 5
- Selaginoides.** Handsome fern-like foliage. ½ ft. 10

For Hardy Flowering Pyrethrum, see page 89.



ARMENIAN TULIP POPPY.

RICINUS.

(Castor-Oil Plant.)

Large, luxuriant, rapid-growing foliage annuals, with palm-like leaves; much used for sub-tropical effects on the lawn, or for centres of beds of foliage plants.

- Cambogiensis.** Leaves of a bronzy maroon, with large red veins; stems ebony black. Pkt. 10
- Borboniensis.** 15 ft. Immense foliage. 5
- Gibsonii.** 6 ft. Dark purplish red foliage and stems. 5
- Obermanni.** 8 ft. Light red foliage. 5
- Communis.** Green foliage. 6 ft. 5
- Finest Mixed** 5

Imported collection of 8 separate Ricinus, 30 cts.

RUDBECKIA.

(Black-Eyed Susan.)

Bicolor. An annual variety, 1½ ft. high; bright yellow flowers, with black-purple centre, very showy for borders. Pkt. 10

For Hardy Perennial Rudbeckia, see page 90.



PORTULACA, DOUBLE.

Our Prices this Season are lower than ever. {Read what we say on this subject on pages 1 and 2.

Bedding Varieties that

Bloom the First Season.

SALPIGLOSSIS.

(Painted Tube Tongue.)

One of the most beautiful of flowering annuals, forming strong bushy plants about 18 inches high, and bearing throughout the season large flowers of many beautiful colors, all exquisitely veined and laced. (See cut.)

Large Flowering, Mixed......Pkt. 5
 Imported collection of 6 separate sorts, 35 cts.

SANVITALIA.

Procumbens fl. pl. Beautiful trailing annual, well adapted from its dwarf and compact growth for covering beds in the flower garden; the double flowers are large in proportion to the plant, and are of a rich brown and yellow. Pkt. 5

SALVIA.

One of our handsomest summer and autumn flowering plants, growing into compact bushes about 3 feet high and literally ablaze with brilliant flowers; very effective for massing on the lawn and for garden decoration; perennials, but bloom first season from seed.

Coccinea Lactea. Pure milk white. Height, 2 ftPkt. 10
Patens. Bright blue..... 20
Splendens. (Scarlet Sage.) Scarlet..... 10



SCABIOSA.

(Sweet Scabious.)

The "Mourning Bride" of our old gardens, but much improved in size, colors and doubleness. They are very free bloomers, the colors white, carmine, lilac, maroon, etc. They are very effective for garden decoration, and equally valuable for cutting purposes.

Mixed Dwarf Double. 1 ft.Pkt. 5
 Imported collection of 6 different colors, 25 cts.

Leviathan Scabiosa.

Many of the flowers measure six to nine inches in circumference, and double clear to the centre, having long stems.

"Royal Purple." Rich claret color..... Pkt. 10
"Snowball." Large pure white..... 10
"Beaten Gold." (Aurantiaca.) New and novel color, a beautiful golden yellow.... 10
Maxima Plena, Mixed. New, large flowering tall double sorts..... 5

SCHIZANTHUS.

(Butter-Fly Flower.)

Fine Mixed. Beautiful garden annuals, growing from 1 to 2 feet high; flowers beautifully fringed and delicately colored. Pkt. 5



SALPIGLOSSIS.

Stocks or Gilliflowers.

Dwarf Large Flowering Double Ten Weeks.

These well-known favorites require no description; they are indispensable to all lovers of flowers; the "Stocks of to-day" are greatly superior to the old types, the flowers being much larger and extra double.

Pure White......Pkt. 10 **Mahogany.**..... 10
Canary Yellow...... 10 **Bright Rose.**..... 10
Sky Blue...... 10 **Copper Red.**..... 10
Blood Red...... 10 **Carmine Rose.**..... 10
Double Mixed, Large Flowering...... 10
Wall Flower Leaved, Mixed. Double..... 10

Henderson's New Colossal Stocks.

This magnificent strain is without a rival. The spikes of bloom and individual flowers are enormous in size and very double.

El Dorado. Bright sulphur yellow.....Pkt. 15
Rosy Morn. Delicate rosy flesh..... 15
Mount Blanc. Purest white..... 15
Grand Rouge. Brilliant crimson..... 15
Aurora. Shining copper red..... 15
Blue Bells. Pretty shade of blue..... 15
Collection of above 6 varieties...... 75
Colossal Stocks, Mixed Colors. (See cut.)..... 15



"CUT AND COME AGAIN" STOCK.

Stocks or Gilliflowers.

Dwarf Pyramidal, Mixed. Beautiful sort..... 10
Snowflake. A beautiful dwarf growing variety; very large double snow-white flowers; very early..... 10
Cut and Come Again. About 2 feet high; it produces from spring to late in the fall pure white, beautifully shaped double flowers. It throws out numbers of side branches, each of which bears a cluster of blossoms, and the oftener they are cut the better they seem to like it. (See cut.)..... 10
Double Ordinary, Mixed. 10 Weeks Stock. 5

Intermediate Stock, Autumn Flowering.

Double Mixed. Including many sorts.. 10

Biennial Stock.

Brompton, Finest Mixed. Large flowering double.....Pkt. 10
Emperor, or Perpetual, Mixed. Large flowering double, frequently lasts for several years if protected..... 10

Imported Collections of Stocks.

Brompton or Winter Flowering. In 12 separate colors.....Per collection, 75
German Ten Weeks, Large Flowering Dwarf. In 12 separate colors, 75 cts.; in 6 separate colors..... 50
Dwarf Pyramidal. In 6 separate colors... 50
Emperor. In 6 separate colors..... 50
Intermediate. In 6 separate colors..... 50



STOCKS, HENDERSON'S COLOSSAL.

Bedding Varieties that Bloom the First Season.

SUNFLOWER.

Stately growing annuals with immense golden yellow flowers; effective for garden decoration. (See cut.)

Single Varieties.

- Macrophyllus Giganteus.** A branching pyramidal shaped plant; yellow; 6 ft. Pkt. 5
- Miniature Sunflower.** Of dwarf branching habit, bearing many little flowers; orange with black centre; 3 ft. 5
- Oscar Wilde.** Orange and black. 5
- Silver Leaved.** Silvery foliage; flowers yellow and black, very beautiful. 5
- Giant Russian.** Flowers 18 to 20 inches across; grown principally for the seeds. 5
- Sulphur Gem.** Very branched, each branch bearing flowers of a delicate sulphur-yellow with a black centre. The flowers are borne from within two feet of the ground to the summit, and come out in succession until killed by frost. (See cut.) 10

Double Varieties.

- Californicus fl. pl.** Large double orange. Pkt. 5
- Globoseus Fistulosus.** Perfectly round flowers; very double; saffron; 6 ft. 5
- Oculatus Viridis.** Double yellow flowers, with green centre; 4 ft. 5
- Peruvianus.** Double orange, striped black. 10

VENIDIUM.

Calendulaceum. A round, compact bush only six inches high; leaves large and woolly, covering the ground, and bringing out in strong contrast the flowers of bright yellow shaded with orange, and borne profusely, nearly covering the ground, making veritable "mounds of gold." Pkt. 5

VINCA.

Handsome bushy plants producing freely round single flowers 1½ inches across, suitable for pot culture and sunny flower beds; tender perennial, 1½ ft. Mixed colors. Pkt. 5

VERBENA.

For garden beds or massing the Verbena is unrivaled; flowers of the most brilliant colors, blooming continually from spring until late in the autumn. Although perennials, these form luxuriant plants and bloom profusely the first season from seed. (See cut.)

- Pure White.** Pkt. 10 **Striped Varieties.** 10
- Bright Scarlet.** 10 **Blue Varieties.** 10
- Fine Mixed.** 5
- Extra Choice Mixed Varieties,** from Peter Henderson's celebrated named collection. 15
- New Golden-leaved Verbenas.** Flower the same as the ordinary, colors ranging through various shades. The golden yellow foliage is very effective. Mixed colors. 20



HENDERSON'S MAMMOTH VERBENA.

Verbena—Continued.

Henderson's Mammoth Verbenas. This distinct and beautiful race originated with, and was first introduced and named by us "Mammoth." The average trusses measure 9 to 12 inches in circumference, and the individual florets on properly grown plants over 1 inch across—or larger than a 25c. silver piece. They bloom freely, are vigorous in growth, and contain all of the beautiful new colors and shades. (See cut.) Mixed colors. 25

ZINNIAS.

For gorgeous summer and autumn display there is nothing that can equal in effectiveness the improved dwarf, compact growing, large flowering Zinnias; growing only 2 feet high and bearing flowers of immense size, perfectly double, showing no centre, and as perfect in form as Dahlias.

Large Flowering, Double Dwarf Zinnias.

- Double White.** 5 **Double Orange.** Pkt. 5
- Double Scarlet.** 5 **Double Canary.** 5
- Jacqueminot.** Rich, deep velvety crimson, exactly the shade of the famous "Jack" rose. 15
- Dwarf Double Mixed.** 5
- Imported collection of 6 separate varieties.* 25
- Tall Double Mixed.** Old type, tall. 5
- Double Pompon.** Long, cone-shaped flowers; pretty; mixed colors. 10
- Elegans Tom Thumb, Double Mixed.** Compact bushes, not over 12 inches high by about 14 inches in diameter. 10
- Henderson's Zebra.** First named and introduced by us. The flowers are perfect in shape, of all colors such as orange, crimson, pink, yellow, violet, rose, scarlet, white, etc., three-fourths of which are striped, spotted and blotched with different shades, hardly any two plants producing flowers alike. (See cut.) Mixed colors. 10
- Mammoth Flowering.** (*Zinnia grandiflora plenissima fl. pl.*) The plant forms a handsome bush 3 ft. in height, and the mammoth, perfectly formed double flowers, measuring 5 to 6 inches across, of most intense and brilliant colors, comprising new and rich hues. Mixed colors. 10
- Pigmy Mexican.** (*Zinnia Haageniana pumila fl. pl.*) A novelty of decided merit. The plants are of candelabra form, close and vigorous in habit, and are nearly covered with pretty flowers of an intense orange yellow. 15
- "Mosaic."** Very unique—a dwarf-growing Zinnia, the foliage of which is grotesquely marbled and spotted with golden yellow. To bring out the characteristic variegation strongly the plants should be grown in rather poor soil. The flowers are large, double and of the usual variety of colors. 20

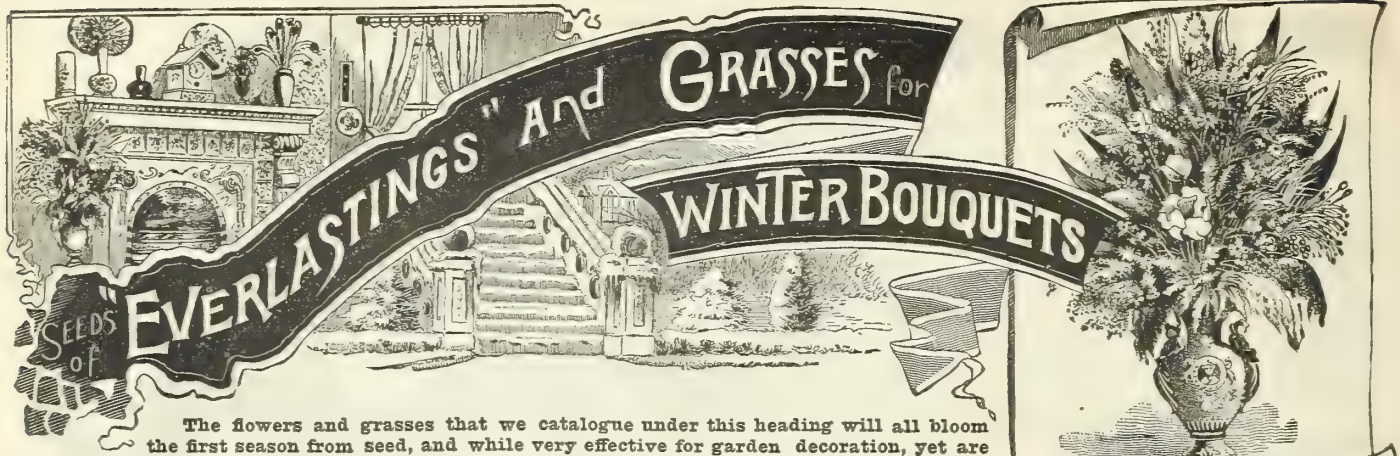


"SULPHUR GEM" SUNFLOWER



HENDERSON'S ZEBRA ZINNIA.

Our Prices this Season are lower than ever. Read what we say on this subject on pages 1 and 2.



The flowers and grasses that we catalogue under this heading will all bloom the first season from seed, and while very effective for garden decoration, yet are generally grown for the durability of their flowers or seed pods, which are of great value and beauty for arranging into winter bouquets. Their natural forms and beautiful colors remain for years as perfect as when gathered from the plants, the only care needed being to cut the flowers with long stems before they are fully open and to hang them in a dry, dark place, heads down, until thoroughly dry. Beautiful effects and combinations are sometimes made with artificial dyes, and if some of the grasses are dipped in water saturated with alum it crystallizes them with diamond-like drops which are very glittering and pretty.

ACROCLINIUM.

Elegant summer-flowering annuals, forming plants about 1 foot high, bearing quantities of large double flowers of white, rose, etc., 1 to 2 inches across. They are splendid everlastings for winter bouquets.

Single Mixed.....Pkt. 5 Double Mixed.....Pkt. 10

GLOBE AMARANTH.

"Bachelor's Buttons," and the "amaranth" of the poets. They are annuals, forming bushy plants about 2 feet high, and bearing sometimes several hundred flowers of purple, white, striped, etc. Very ornamental as summer-blooming plants, and for "Everlastings" indispensable.

Mixed Colors, 5
Nana Compacta, Mixed. Pyramidal plants, only a few inches high, one mass of flowers; pretty for edgings or pots. (See cut.)..... 5



GNAPHALIUM, OR EDELWEISS.

XERANTHEMUM.

Mixed. Showy, hardy annuals, of the easiest culture, and the flowers, of various colors, from their peculiar dry character may be preserved for a long time. 2 ft.....Pkt. 5
Superbissima, Mixed. A new variety of dwarf habit and very double flowers of various colors..... 10

ORNAMENTAL GRASSES.

These are highly valued for the double purpose of rendering the flower border attractive during the summer, and for the use of the spikes or panicles in a dried state for winter bouquets.

Agrostis Nebulosa (Cloud Grass). Feathery-like annual grass. 1 1/2 ft high.....Pkt. 5
Avena Sterilis (Awned Oats). Elegant long drooping panicles; height, 2 ft..... 5



GLOBE AMARANTH, NANA COMPACTA.

Briza or Quaking Grass. Very pretty seeds suspended to gracefully drooping spikes.
B. Maxima (Large Quaking Grass)..... 5
B. Gracilis (Slender Quaking Grass)..... 5
Bromus Briziformis, an elegant biennial grass about 2 ft. high, a beautiful object in the mixed border—bearing graceful panicles. 5
Coix Lachrymæ (Job's Tears). A perennial succeeding as an annual..... 5
Stipa Pennata (Feather Grass). Hardy perennial, with beautiful feathered beards; indispensable in winter bouquets..... 10
Collection of 12 Ornamental Grasses..... 50

GNAPHALIUM.

Leontopodium. The famous "Edelweiss" of the Alps. The flowers, 2 inches across, are star-shaped, of downy texture, and pure white, and are greatly sought after as souvenirs. The plants succeed well in any well-drained, sandy soil, and they retain their natural appearance for years, and are highly desirable for dried bouquets, etc. (See cut.).....Pkt. 15

HELICHRYSUM.

Very showy summer-blooming annuals; of free growth and producing in abundance flowers large, full and double, in shades of white, yellow, crimson, etc.; not only valuable as an "Everlasting" for winter bouquets, but very handsome as garden plants. (See cut.) 1 to 2 feet.
D'ble Mixed, Large Flowering. 5 Small Flowering, D'ble Mixed. 5
Fireball. Double; large, dark red. 5 Collection of 10 separate colors..... 40

HELIPTERUM.

Sanfordi. Pretty annual, 12 inches high, producing large clusters of yellow flowers; very desirable "Everlasting".....Pkt. 5

HONESTY.

Silvery, transparent seed vessels, of beautiful effect for dried bouquets.....Pkt. 10

RHODANTHE.

Maculata, Mixed. Elegant half-hardy annual, admirably adapted for garden decoration in summer or for pot culture in winter, as they come into flower early and continue for a long time. They are largely used in Paris as decorative plants for apartments, on account of the durability of the flowers. As an everlasting for dried winter bouquets they are indispensable. Flowers of various colors, white, pink, crimson, etc. 1 ft Pkt. 10



HELICHRYSUM.

Refer to the Index (2d page Cover) for Flower Seeds you cannot readily find.



THE climbing plants catalogued under the above heading will bloom and attain perfection the same season from seed. For immediate effects in covering trellises, arbors, piazzas, walls, old trees, houses, etc., they are indispensable, and in addition to their usefulness for shade and covering unsightly objects they add a grace and beauty to the surroundings, unattainable without them. Many of them will grow 20, 30 and even 40 feet, but unfortunately being of only one year's

duration it is necessary to sow seed each season. For permanent effects it is advisable to grow the hardy perennial varieties catalogued on page 91, which, however, are of slower growth. Full cultural directions given on each packet.

ARGYREIA.

Tilæfolia. A magnificent climber of rapid growth; with large, green heart-shaped leaves, silvery white underneath; very large flowers of white and violet. The seed should be sown in the house and the plants transplanted about the middle of May to a warm, sunny place in the garden. . . . Pkt. 15

BALLOON VINE.

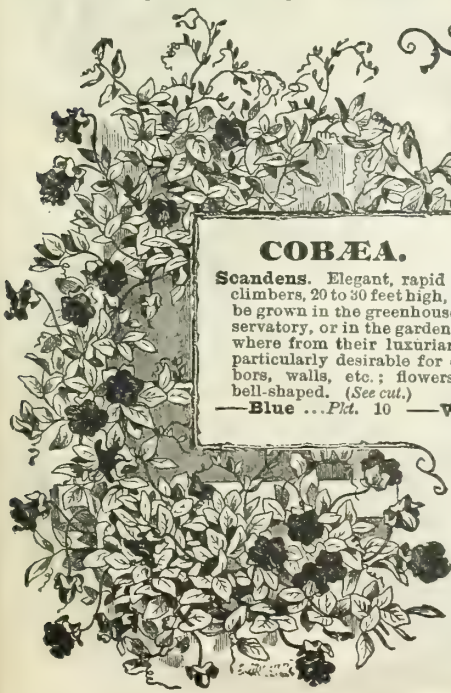
A rapid growing, handsome summer climbing annual, attaining a height of 10 to 15 feet, having small white flowers, which are followed by inflated seed vessels shaped like small balloons. . . . Pkt. 5

BRYONOPSIS.

A beautiful summer climbing annual, with palmate leaves; its yellow flowers are followed by pretty, cherry-like, green fruits, which change to bright scarlet marbled with white. Height, 10 ft. Pkt. 5

CALAMPELIS.

A well known beautiful annual climber, about 10 feet high. Trained to a trellis or south wall it is an ornamental object throughout the summer, its bright orange tubular flowers contrasting effectively with the delicate green of the foliage. . . . Pkt. 10



COBÆA.

Scandens. Elegant, rapid growing climbers, 20 to 30 feet high, that can be grown in the greenhouse or conservatory, or in the garden in summer, where from their luxuriance they are particularly desirable for covering arbors, walls, etc.; flowers large and bell-shaped. (See cut.)
—Blue . . . Pkt. 10 — White. . . 15

COBÆA SCANDENS.



VARIEGATED LEAF MORNING GLORY.

For Dwarf or Bedding Morning Glories, see page 72. For Maurilanicus, see page 95.

CUCUMIS, or "Snake Cucumber."

Rapid growing summer climber, an annual attaining a height of about 6 feet, with curious fruits 3 feet long, which, when allowed to fully ripen, can be kept as curiosities. . . . Pkt. 5

CYPRESS VINE.

Summer climbing annuals, 15 to 20 ft., with delicate feathery foliage and star-shaped flowers; borne in clusters.
White 5 Rose 5 Scarlet 5 Mixed Pkt. 5
Ivy Leaved Cypress. A variety with heart-shaped leaves and scarlet flowers. 5

Our Prices this Season are Lower than ever. { Read what we say on this subject on pages 1 and 2.



"CANARY BIRD" VINE.

A rapid growing summer climbing annual, growing 10 to 15 feet high. It will cover trellis work in the most graceful manner, producing hundreds of its pretty fringed bright yellow flowers, which resemble a canary bird with expanded wings. Pkt. 5

CEPHALANDRA.

Scarlet Fruited, Palm Leaved Climber. A beautiful South African climber, growing rapidly, about 30 feet high. The vines are long, slim and straight, bearing very large palmated, light green leaves. Flowers large reddish orange, succeeded by small, bright carmine, cucumber-shaped fruits. Pkt. 10

COCCINEA.

Indica. This is a remarkably pretty annual climber; foliage ivy-like, bright and luxuriant; never troubled with insects, and admirably adapted for trellises, arbors, etc. The small flowers are soon followed by numerous fruits 2 inches long, which turn to brilliant scarlet, spotted with white, rendering the vine very pretty. 10 feet. (See cut.) Pkt. 10

COCCINEA INDICA.

CONVOLVULUS, or "Morning Glory."

The well-known Morning Glories; splendid climbing plants; unequalled for rapidity of growth and profusion of bloom; annuals attaining a height of 30 to 50 feet.
White 5 Blue 5 Striped Pkt. 5
Rose 5 Blood Red 5 Mixed 5
Aureus Superbus. Small flowering golden yellow flowers. 10
Variegated Leaf Morning Glory. (*Iponœa Marmorata.*) Foliage beautifully striped and variegated, flowers of various colors. (See cut.) 10

Seeds of Climbers Blooming the First Season.

IPOMŒAS.—The Moon Flower, etc.

Rapid-growing summer climbers, among our prettiest for covering trellises, pillars, etc. Most rapid and luxuriant for warm, sunny situations in the garden during the summer. Large beautiful flowers. (See cut.)

Grandiflora Hybrida, "The Moon Flower or Evening Glory." One of the grandest summer climbers grown, bearing immense pure white fragrant flowers in great profusion, opening in the evening and remaining open until noon the following day, and if cloudy all day. Foliage and flowers vary in form on different plants, some flowers being scalloped, others perfectly round, others star-shaped; the foliage also varies from the original shape to oak-leaved and heart-shaped forms, thus adding charm and interest to this grand climber. (See cut.)..... 10

Burridgi. Rose and crimson..... Pkt. 5

Coccinea. (Star Ipomœa.) Scarlet flowers..... 5

Limbata. Violet, edged white, rose throat..... 5

"Heavenly Blue." Claimed to be a cross between Ipomœa Leari and Mina Lobata. The foliage is very large, heart-shaped; flowers 4 to 5 inches across in large clusters, and of that indescribable light blue with a yellow throat suffusing softly into blue. In the morning this climber is so completely covered with bloom as to almost cover the foliage. It is also a splendid conservatory climber..... 20

Large Flowering Ipomœas, Mixed sorts..... 10

Imported collection of 10 separate Ipomœas, 50 cts. For Greenhouse Ipomœas, see page 95.



MINA.

MINA.

Lobata. Rapid and luxuriant annual summer climber, 15 to 20 feet high. Flowers, 15 to 25 in number, borne on graceful spikes. Color rosy crimson, changing to orange and cream. This should be started in pots early in spring and become pot-bound; they will then commence to bloom very young. (See cut.)... 10

MOMORDICA.

(Balsam Apple.)

Luxuriant annual climbers, 15 to 20 feet high, with large leaves, making dense shade. The inconspicuous flowers are soon followed by very ornamental, large fruits of orange or copper color, which burst and expose an interior of red, which is highly effective.

BALSAMINA. (Balsam Apple.) Orange fruits..... Pkt. 5

CHARANTIA. (Balsam Pear.) Coppery scarlet colored fruits..... 5

PHYSIANTHUS.

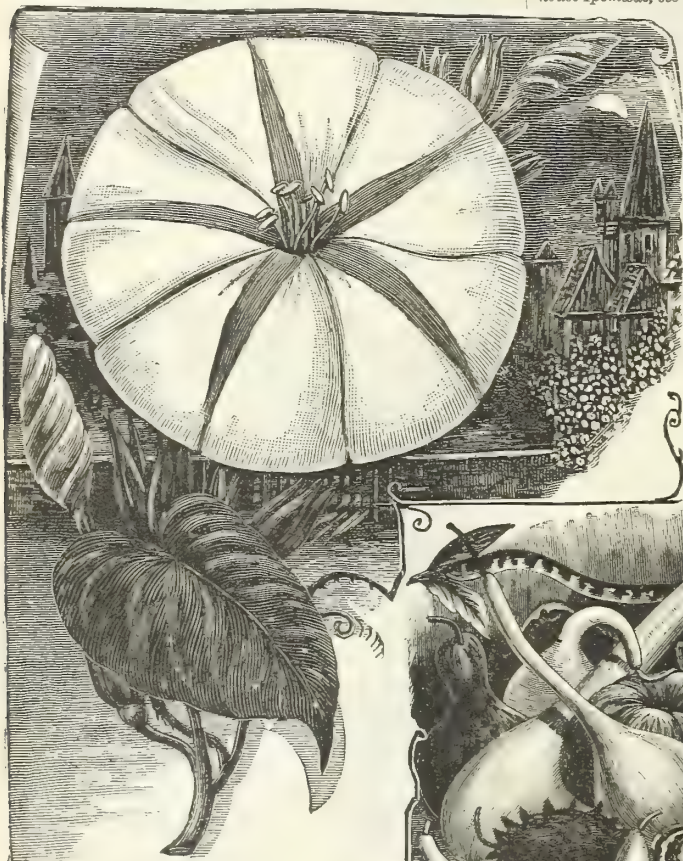
(Cruel Plant.)

Albens. A rapid-growing perennial climber (but usually grown as an annual), with quantities of pure white fragrant flowers, much like a single tuberosa, which entrap insects. These are followed by large handsome seed pods; it is also very useful for greenhouse decoration. 20 feet. (See cut.)..... Pkt. 10

DOLICHOS.

The Egyptian or Hyacinth Bean; annual climbing plants of rapid growth; bearing large clusters of showy flowers; purple or white. 10 feet.

Purple.... 5 **White**.... 5 **Mixed Colors**..... Pkt. 5



"THE MOON FLOWER."

GOURDS.

Summer climbers of exceedingly rapid growth and luxuriant foliage, for covering arbors, etc.; they bear fruits known as "Ornamental Gourds" which, when allowed to fully ripen on the vines, can be kept for months as curiosities. 10 to 30 feet. (See cut.)

The Chinese Loofa, Sponge or Dish Bag. Large yellow flowers followed by long green fruits, which form inside a tough fibrous mass, and, when seeds and shell are removed, is popular for bathing, being much superior to a sponge and more durable..... Pkt. 5

Dipper-Shaped..... 5 **White Nest Egg**..... 5

Gooseberry..... 5

Hercules' Club. Green fruits 2 to 5 ft. long..... 5

Serpent Gourd. Carmine fruits 3 to 6 ft. long..... 5

Mixed, small ornamental varieties..... 5

Mixed, large ornamental varieties..... 5



ORNAMENTAL GOURDS.

Imported collection of 12 separate sorts, 50 cts.

HUMULUS.

Japonicus. (Japan Hop.) Probably the most rapid climber grown; in 3 or 4 weeks time attaining a height of 20 to 30 feet; resembling the common hop, but, being an annual, attains full perfection the first season. The foliage is luxuriant, making a dense covering. It is one of the best plants for covering verandas, trellises, etc. Heat, drought and insects do not trouble it..... Pkt. 10

LOASA.

Mixed. Annual climbers, 6 ft. high, with curious flowers of orange, scarlet or white. 10



PHYSIANTHUS ALBENS.

Refer to the Index (2d page Cover) for Flower Seeds you cannot readily find.

Seeds of Climbers Blooming the First Season.

SWEET PEAS.

No praise is needed for these lovely, deliciously perfumed annual climbers, further than to state that they have become unusually popular. They are now "the fashionable flower," and little bunches of them worn, carried or in vases are seen continually. 4 to 6 ft. high. (See cut.)

Adonis. Carmine rose.....	Oz. Pkt.	.....	5
Butterfly. White, suffused lavender; small dark blue edge.....	.....	.....	5
Black Purple.....	.....	.....	5
Black Brown Striped. Claret purple, striped white; large flowers.....	.....	.....	5
Blanche Ferry. Large pink and white flowers of perfect form on long stem; plant branching and compact. It blooms early, long and profusely.....	.....	.....	5
Crown Princess of Prussia. Blush pink or flesh color.....	.....	.....	5
Captain Clark or Tricolor. White, flushed with pink and heliotrope, with a narrow edge of indigo.....	.....	.....	5
Emily Henderson. Grand new white. (See Novelties, pages 64 and 65.)	.....	.....	5
Fairy Queen. White, of a pinkish tinge; slightly feathered crimson.....	.....	.....	5
Invincible Scarlet. Claret, crimson and scarlet.....	.....	.....	5
Invincible Carmine. Magnificent rich blood crimson, with carmine scarlet wings; grand large flowers of fine form.....	.....	.....	5
Invincible Striped. White ground, striped and watered with crimson and claret.....	.....	.....	5
Princess Beatrice. Blush pink, most delicate and charming.....	.....	.....	5
Painted Lady. Rosy and crimson and blush white.....	.....	.....	5
Red Striped. Dark wine and crimson, striped white.....	.....	.....	5
Rising Sun. Rosy orange, suffused carmine; wings shade to blush and white.....	.....	.....	10
Vesuvius. Claret purple, rose spotted.....	.....	.....	5
White.....	.....	.....	5
Mixed and Collections. (See below the cut.)	.....	.....	5

Eckford's New Large Flowering Sweet Peas.

When properly grown are nearly double the size of the ordinary varieties, of perfect form, and present combinations in markings and colors heretofore unknown in this exquisite flower.

Apple Blossom. Bright rosy pink standards; apple blossom bluish wings.....	Pkt. 10
Boreatton. Red mahogany and maroon; immense flowers borne in great profusion.....	10
Countess of Radnor. Delicate lavender and mauve; lovely variety.....	25
Cardinal. A grand scarlet; wings crimson scarlet, abundant flowers, large and round.....	10
Delight. White wings; standards white crested crimson; dwarf habit.....	10
Duchess of Edinburgh. Orange scarlet, flushed crimson.....	10
Grand or Imperial Blue. (Invincible Blue.) Ultramarine blue, claret and purple; large and of fine form.....	10
Indigo King. Rich indigo black and blue; fine large flower.....	10
Mrs. Sankey. Pure white, large bold flower.....	25
Mrs. Gladstone. Exquisite soft bright pink, with rosy bluish wings; large fine flowers profuse.....	10
Orange Prince. Orange pink, flushed scarlet.....	10

Eckford's Sweet Peas continued in opposite column.



LOBB'S NASTURTIUMS.

NASTURTIUMS.

Tall or Climbing Varieties.

Beautiful and luxuriant annual climbers, for trellises and arbors; of easiest culture, bearing their gorgeous flowers in profusion until killed by frost. 6 to 10 ft.

Tall Rose.....	Oz. Pkt.	.....	5
Purple.....	.....	.....	5
Chocolate.....	.....	.....	5
Lemon Yellow.....	.....	.....	5
King Theodore. Maroon.....	.....	.....	5
Yellow, spotted crimson.....	.....	.....	5
Scarlet, flamed purple.....	.....	.....	5
Straw, Striped Scarlet.....	.....	.....	5
Scarlet and Gold. Yellow foliage; flowers crimson scarlet; strikingly effective.....	.....	.....	5
Mixed Colors. Oz., 15c.; lb., \$1.25.....	.....	.....	5

Imported collection of 12 climbing varieties, 50 cts.
For Tom Thumb Nasturtiums, see page 76.

Lobb's Nasturtiums.

Tropaeolum Lobbianum. The leaves and flowers are somewhat smaller than the ordinary Tall Nasturtium (offered above), but their greater profusion renders them superior for trellises, arbors, for hanging over vases, rock-work, etc.; the flowers are of unusual brilliancy and richness; they are also splendid for winter decoration in the greenhouse and conservatory. (See cut.)

Brilliant. Rich scarlet. 10 | Spitfire. Fiery red. Pkt. 10	
Triomphe de Gand. Orange scarlet.....	10
Eoi des Noirs. Black.....	10
Napoleon. Yellow, striped rosy scarlet.....	10
Primrose Yellow. (Asa Gray.).....	10
Tropaeolum Lobbianum. Mixed Sorts.....	5

THUNBERGIA ALATA.

Rapid growing annual climbers, 4 to 6 feet high, splendid for trailing over trellises, fences, etc., beautiful flowers borne in profusion; buff, white, orange, etc. (See cut.)

Mixed Colors.....	Pkt. 5
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Eckford's Large Flowering Sweet Peas—Continued.

Primrose. Pale primrose yellow, delicate color; unopened flowers, rich canary.....	Pkt. 25
Princess of Wales. White ground, shaded and striped indigo blue and lavender.....	10
Queen of the Isles. Rose, claret and scarlet striped, with white large flowers of fine form.....	10
Splendor. Rich, bright coppery crimson, suffused with rosy pink.....	10
The Queen. Rosy pink shaded heliotrope.....	10
Eckford's. Mixed and Collections. (See below the cut.)	10



ECKFORD'S SWEET PEAS.

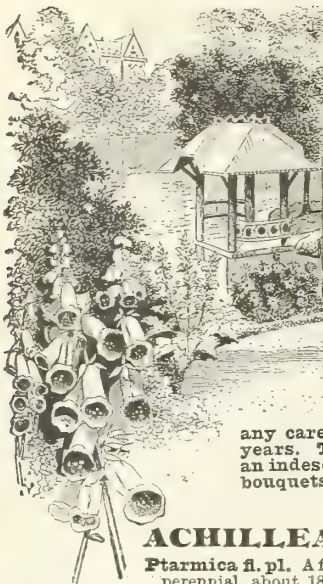
Sweet Peas, Mixtures and Collections.

Mixed Sweet Peas. Lb., \$1.00; ½ lb., 30c.; oz., 15c.; pkt., 5c. Collection of 6 named var's, 25c.; 12 named var's, 50c.
Eckford's New Large Flowering. Lb., \$3.00; ½ lb., 85c.; oz., 25c.; pkt., 10c. Collections of Eckford's 6 named varieties, 50c.; 12 named varieties, \$1.00.



THUNBERGIA.

Our Prices this Season are lower than ever. { Read what we say on this subject on pages 1 and 2.



SEEDS OF **HARDY** **FLOWERING** & **ORNAMENTAL** **PLANTS** FOR PERMANENT SITUATIONS

THE varieties catalogued under this heading are all perennials, i. e., lasting for several years, and are all hardy with the exception of a few sorts specially mentioned, which require protection in cold latitudes. We are glad to note that there is a rapidly increasing taste for this class of plants; scarcely any care is needed in their cultivation, and after they are up and established they continue to grow in beauty for years. They relieve the stiff formality of lawns and gardens decorated with only "bedding plants," and transmit an indescribable harmony and refinement impossible without them. Besides, they are valued for cutting for summer bouquets. Full cultural directions given on each packet.

ACHILLEA.

Ptarmica fl. pl. A free-flowering hardy perennial, about 18 inches high, producing a wealth of purest white double flowers through summer and autumn.....Pkt. 10

ACONITUM.

Napellus. (Monk's Hood.) Free growing, handsome, hardy perennial plants, with dark blue flowers, borne in abundance on tall spikes; a good plant for borders and clumps; thriving in ordinary garden soil, and thrives well under the shade of trees. 4 ft.....Pkt. 5

ADONIS.

Vernalis. Spring-flowering Adonis. A charming hardy perennial, with large yellow showy flowers. Height, 9 inches. (See cut.).....Pkt. 5
For annual Adonis, see page 68.

ALYSSUM (Hardy).

Dwarf hardy little spreading plants about a foot high; very showy for permanent borders and beds.
Wiersbecki. Summer blooming; yellow.....Pkt. 5
Saxatile Compacta. Spring blooming; dwarf, golden yellow. ¼ ft.....Pkt. 5
For annual Sweet Alyssum, see page 68.

ANEMONE.

Coronaria, Mixed. Very showy hardy plants, about 1 foot high, with large showy saucer-shaped flowers of hundreds of shades of color.....Pkt. 5

ARABIS.

Alpina. Dwarf hardy, perennial, producing tufts of flowers of pure white very early in the spring; of the easiest possible culture. Succeeds well in dry situations. Its profuse blooming habits render it a great favorite. ¼ ft.....Pkt. 10

ARMERIA or SEA PINK.

Maritima. Highly ornamental dwarf hardy perennial plants, growing freely in almost any soil; fine for edgings; rose-colored flowers. ½ ft...Pkt. 10



AQUILEGIA. (Columbines.)

Very handsome, ornamental hardy plants, growing 1 to 3 feet high; of easy cultivation and bearing in profusion large flowers of novel shape and in great variety of color. The stems rise about two feet high and carry from 50 to 80 blossoms. (See cut.)

- Double White.**.....Pkt. 5
- Double Striped.** Red and White..... 5
- Rose-Colored.** Charming rose-colored..... 15
- Golden Spurred.** (Chrysantha.) Beautiful long yellow spurred flowers.....10
- White Spurred.** (Chrysantha alba.) Pure snow white, with long spurs.....15
- Grigor's Hybrid Glandulosa.** Immense flowers of richest ultramarine blue, surmounted by five short petals of purest white with delicate azure blue spots.....25
- Single Mixed.**..... 5 **Double Mixed.**..... 5

ASPERULA.

Odorata. (Sweet Woodruff.) Very pretty dwarf hardy plant, much esteemed for its delightful odor, which, when wilted, is much like new-mown hay, and when kept among clothes imparts an agreeable perfume to them. Flowers white.....Pkt. 5

BOCCONIA.

Japonica or Cordata. Stately foliage plants for lawns or pots; large beautiful leaves; hardy perennial.....Pkt. 5

COREOPSIS.

Lanceolata. One of the most showy hardy perennials grown, forming plants 2 to 3 feet high, and bearing in profusion for a long period during the summer large flowers of bright golden yellow. Unequaled for cutting; grows anywhere.....Pkt. 10
For annual Calliopsis, see page 70.

CAMPANULA.
(Bell Flowers.)

Well-known hardy favorites, bearing large bell and saucer-shaped flowers in profusion; well adapted for borders and for pot culture.

- Pyramidalis, Mixed.** A grand sort, known as the "Pyramidal Bell Flower." Colors blue or white. Plants grow about 4 feet high in elegant pyramidal form, bearing thousands of exquisite bell-shaped flowers. It is a grand sort for pot culture, flowering in the greenhouse in winter...5
- Rotundifolia, Mixed.** "Blue Bell or Hair Bell." Little dwarf plants 6 to 12 inches high, bearing pretty bell-shaped flowers of blue or white.....10
- Punctata.** Large, pendulous, bell-shaped flowers, produced the entire season. Color, white, dotted and striped with red. 1½ ft. high.....15



ADONIS VERNALIS.



CANDYTUFT GIBALTICA.

Refer to the Index (2d page Cover) for Flower Seeds you cannot readily find.

Seeds of **Hardy Flowers for Permanent Situations.**

CANTERBURY BELLS.

Very ornamental garden plants of the easiest culture; hardy biennial, 2½ feet high, producing large, nodding and charming bell-shaped flowers of many exquisite shades.

- Single Striped.** Blue, striped white.....Pkt. 5
- Single Mixed.** Rose, blue, white, etc..... 5
- Double Mixed.** Rose, blue, white, etc..... 5

“CUP AND SAUCER” CANTERBURY BELLS.

One of the most beautiful plants when in bloom that can be imagined. The bells average 3 inches in length, and the saucers 3 to 4 inches across, of beautiful colors, resembling in shape somewhat a cup and saucer. The plants, of stocky habit, form perfect pyramids of bloom about 24 inches high, and they bear frequently from 100 to 200 of these exquisite blossoms, which last in perfection for weeks during the early summer. (See cut.)

- Cup and Saucer Canterbury Bells, Mixed.** (*C. Calycanthema*).....Pkt. 5
- Rosea.** Beautiful rose color..... 10
- New Striped.** Satiny lavender, spotted and striped with violet. (See cut.)... 10

CANDYTUFT (Hardy).

Handsome, compact-growing hardy perennial plants, admirably adapted for the front rows of borders or for low clumps or beds; very valuable for early decoration.

- Sempervirens.** White. 1 ft.....Pkt. 10
- Gibraltica.** Showy, large-growing, red, rose and white. 1 to 2 ft..... 10

For annual Candytuft, see page 71.

CERASTIUM.

Tomentosum. “Snow in Summer.” Hardy perennial trailing plants, ½ ft. high, and silvery white foliage. Largely used as edgings for summer flower beds and as ground-work for carpet bedding. Large white flowers.. 10

CHRYSANTHEMUM.

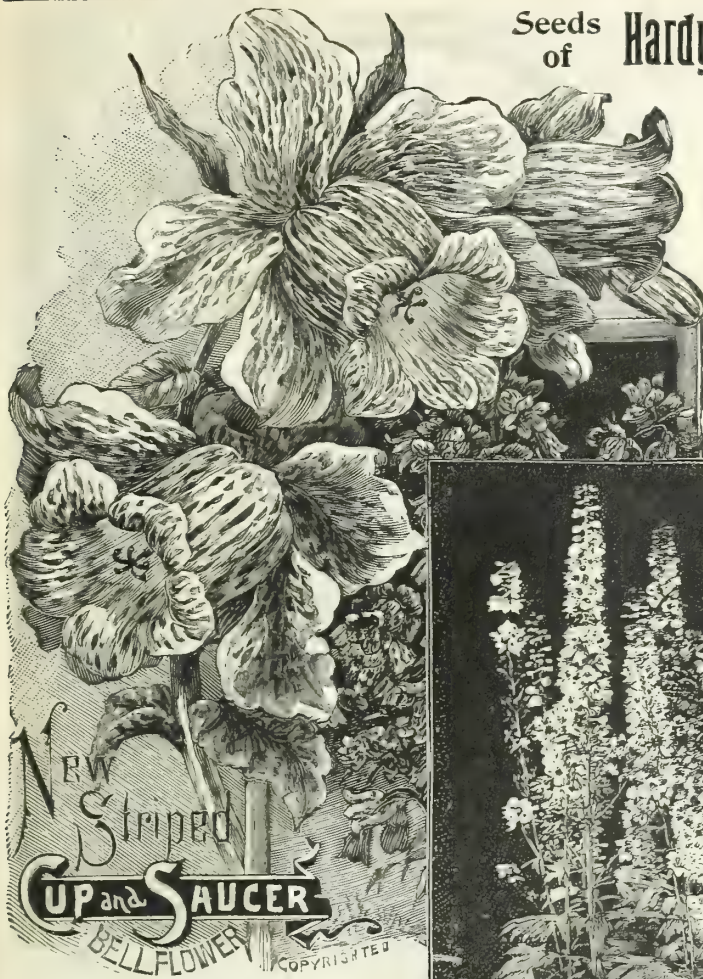
Latifolium or Maximum. *The Great White “Moon-Penny” Daisy.* One of our finest hardy perennials, forming bushy plants about two ft. high, which are literally covered with large, pure white flowers three inches across. They are highly prized for cutting purposes and last in water fully a week in perfect condition. They flower in the late summer and are very effective for garden.....Pkt. 10

For other Chrysanthemums, see pages 72 and 93.

DODECATHEON.

(*Giant American Cowslip.*)

Clevelandi. This beautiful Californian perennial throws up stems of flowers fully 1 foot high, these being surmounted with from 6 to 10 large, beautiful, Cyclamen-like flowers of violet blue, with yellow and black centre. It is perfectly hardy, and a beautiful plant for partially shaded situations.....Pkt. 25



DELPHINIUM.

(*Hardy Larkspurs.*)

These hardy “Dolphin Flowers” are very handsome and well-known perennials, with splendid flowers and curiously cut leaves; for permanent beds and borders they are indispensable.

- Brunonianum.** (*New Musk-Scented Larkspur.*) Flowers 1 to 2 inches across; light blue and purple, with a black centre emitting a powerful musky odor. Plant bushy, 6 to 12 in. high. Pkt. 25
- Grandiflorum Flore Pleno.** Flowers in long spikes, very double, and of rare beauty for cutting for vases. Charming colors, ranging through shades of blue from delicate porcelain and white to dark violet..... 15
- “Zalil.”** (*Hardy Yellow Larkspur.*) Sulphur yellow. Plant of branching habit, 3½ to 4½ feet high, bearing spikes of 40 to 50 blossoms, each 1 inch in diameter, flowering from June until August..... 15
- Cashmerianum.** Pale blue flowers, 1 to 2 inches across. 2 ft..... 10
- Le Mastodonte.** (*Giant Bee Larkspur.*) Large blue flowers. 3 to 6 ft..... 15
- Formosum.** Blue, white centre. 2 to 3 ft..... 5
- Pillar of Beauty.** (*D. formosum celestinum.*) An unusually pretty color—a delicate azure or sky blue, so bright and pretty a shade that it has to be seen to be appreciated. The plants produce numerous spikes 1 to 2 feet long literally covered with flowers and lasting in bloom for weeks. (See cut.).. 10
- Nudicaule.** Large scarlet flowers. 1½ ft..... 10
- Finest Mixed Single Hybrids.**..... 5

For annual varieties, see Larkspurs, page 74.

DICTAMNUS.

(*Burning Bush, or Gas Plant.*)

- Fraxinella.** Forming dense bushes 2½ feet high, with lemon-scented foliage. The flowers are borne in long spikes during June and July, and are also very fragrant. An interesting feature of the plant is that the vapor given off on a warm evening, if ignited, produces a bright flash.
- Red Flowering**10 **White Flowering** 10



DELPHINIUM FORMOSUM “PILLAR OF BEAUTY.”

DIANTHUS or PINKS.
Hardy Perennial Varieties.

Highly valued for the great beauty and fragrance of their flowers. These make splendid bushy plants, from 1 to 2 ft. high, unrivaled for permanent beds and borders.

- Gardnerianus fl. pl., Mixed.** (*Double Hardy Garden Pink.*) Large fringed flowers.....Pkt. 5
- Plumarius fl. pl., Mixed.** (*Double Pheasant's-Eye Pink.*) Double fringed flowers; fragrant and of white, crimson or purple shades, spotted and variegated, 9 to 12 inches high. (See cut.)..... 15
- Scoticus, Mixed.** (*Scotch Paisley Pink.*)..... 25
- Semperflorens Hybridus fl. pl.** (*Double Mule Pink.*)..... 25
- Plumarius, Mixed.** (*Feathered Pheasant's-Eye Pink.*) Large single fragrant flowers of beautiful colors and finely fringed..... 5

For annual Dianthus, or “China Pinks,” see page 73.



DIANTHUS PLUMARIUS FL. PL.

Our Prices this Season are lower than ever. {Read what we say on this subject on pages 1 and 2.

SEEDS OF Hardy Flowers for Permanent Situations.

DIGITALIS.

(Foxglove.)

Perfectly hardy plants, 3 to 5 ft. high, and of the easiest culture: they are very ornamental, having long spikes of large showy flowers ranging through shades of purple, white, rose, yellow; some beautifully spotted.

- Mixed Colors.....Pkt. 5
- Spotted Varieties only, Mixed. (See cut.).....10
- Monstrosa, Mixed. Long spike of many flowers surmounted with one enormous flower; novel and beautiful.....15

GEUM.

Atrosanguineum fl. pl. Showy hardy perennial with brilliant scarlet double flowers borne in clusters on long stems; fine for cutting. 1½ ft. high.....Pkt. 10

GLAUCIUM.

Luteum. (Horned Poppy.) Silvery leaved hardy perennial plants, 1 to 2 ft. high, with remarkably bright yellow flowers produced in great abundance all the summer; very effective border plant.....Pkt. 5

GOLDEN ROD.

America's National Flower. The favorite yellow wild beauty, hardy perennial, 2 to 3 feet.....Pkt. 5

GYNERIUM.

(Pampas Grass.)

A most noble and beautiful lawn plant, growing 6 to 10 feet high, bearing large, white, woolly plumes in the autumn; for specimen clump and subtropical effect this is indispensable; in the north it will require protection, or they can be kept over in frames.....Pkt. 10

HIBISCUS.

(Marsh Mallows.)

Strong-growing hardy perennials, about 4 feet high, of very easy culture and exceedingly showy; the large cup-shaped flowers frequently measure 6 inches across. (See cut.)

Coccineus. Bright scarlet..Pkt. 10

Californicus. White flowers, with deep carmine centre. One of the most valuable plants of recent introduction. (See cut.).....10

HONESTY.

(Satin Flower or Moonwort.)

A hardy biennial of pyramidal form, two feet in height. The flowers are purple, followed by the transparent silvery seed pods so much sought after for dried winter bouquets.....Pkt. 5

New Variegated. A strikingly handsome variety, the foliage being distinctly variegated with green and white.....20



HOLLYHOCK TOKIO.

HOLLYHOCK.
Henderson's
Superb Double.

One of our grandest summer and autumn flowering plants, bearing long spikes of double flowers, 3 to 4 inches across. Hardy biennial, 5 to 8 ft. high. The seed we offer has been saved from our unrivaled collection of choicest improved double varieties. (See cut.)



LOBELIA CARDINALIS.

- Hollyhock Double White.....10
- Double Salmon.....10
- Double White, Violet Centre.....10
- Double Canary Yellow.....10
- Double Pink.....Pkt. 10
- Double Blush.....10
- Double Crimson.....10
- Double Maroon.....10
- Tokio. A most beautiful Japanese variety, bearing large double flowers, the petals being beautifully frilled, of a rich wine maroon at the base, shading to cherry red and broadly edged with white. (See cut.).....20
- Crimson Pyramid. It grows only 12 to 18 inches high, and produces glowing crimson semi-double flowers from June to September.....35
- Fine Double Mixed. Includes many colors.....10
- Extra Choice Double Mixed. From Chater's collection.....15

Imported collection of 6 separate sorts, 50c.; 12 separate sorts, \$1.00.

LAVENDER.

An ornamental hardy perennial, growing from 1 to 2 feet high, bearing long spikes of fragrant blue flowers.....Pkt. 5

LOBELIA,
Hardy Varieties.

Tall-growing hardy perennials, 2 to 4 ft. high, with showy spikes of richly colored flowers; for permanent beds and borders they are indispensable.

Cardinalis. "Cardinal Flower." Long spikes of intense scarlet flowers: one of the most brilliant plants in cultivation; suitable for all situations, even succeeding on the shady side of a house. 4 ft. (See cut.).....10

Mixed Hardy Hybrids. Contains many beautiful varieties.....15

For annual Lobelias, see page 75.



HIBISCUS CALIFORNICUS.

Refer to the Index (2d page Cover) for Flower Seeds you cannot readily find.

Seeds of **Hardy Flowers for Permanent Situations.**

LYCHNIS.

Chalcedonica. The scarlet Lychnis, an old garden favorite, deserving a place in every garden; very hardy, growing 3 to 4 ft. high, bearing heads of bright scarlet flowers.....Pkt. 5
For *Haageana* varieties, see page 75.

MIMULUS—Hardy.

Among the most ornamental hardy garden flowers, upright growth; 2 to 3 ft. high; showy and profuse bloomers for borders.
Mixed Hardy Varieties. 1 to 3 ft.....Pkt. 10

PÆONY.

Double Mixed. Grand hardy, herbaceous plants, well-known ornaments of our gardens, with large double flowers of various colors. 2 ft. high...Pkt. 10

PENTSTEMON.

Beautiful garden perennials, growing from 2 to 3 ft. high, with white, pink, scarlet or blue flowers, beautifully spotted and marked. **Mixed colors.**...Pkt. 10
Large Flowering Mixed...... 25

PHLOX DECUSSATA.

Magnificent hardy flowering plants, growing in strong bushes from 2 to 3 ft. high, bearing immense heads of large waxy flowers of lovely shades of color. (See cut.)
Hardy Phlox. Fine mixed varieties.....Pkt. 10
Large Flowering Hardy Hybrids. Mixed.. 25
For *Phlox Drummondii*, see page 78.



PHLOX DECUSSATA, LARGE FLOWERING HYBRIDS.

PRIMROSES.

Beautiful low-growing, early spring flowering plants, fine for rockeries, borders, pot culture, etc.; the flowers are borne in umbels or clusters on the top of stalks about 4 to 6 inches long. *The Cowslip and English Primroses are perfectly hardy, but the other varieties should be protected in cold latitudes or be grown during the winter in frames.*

Cowslip. Mixed Colors. (*Primula Veris.*) The well-known favorite English Cowslip, flowering early in spring. ¾ ft.....Pkt. 5

Auricula. Fine Mixed. (*Primula Auricula.*) Umbels of fragrant flowers, of many rich colors. ½ ft..... 10

Polyanthus. Mixed. (*Primula Elatior.*) Early blooming for spring flower beds or pot culture; the large round flowers are borne on stalks 8 in. tall.. 10

Polyanthus. Duplex Mixed. (*Hose in Hose.*) One flower sitting in another..... 25

Japanese Primrose. (*Primula Japonica.*) Mixed. One of the most beautiful. Flowers 1 in. across, of shades of crimson, maroon, lilac, pink, white, etc., on stems 1 to 2 ft. high..... 10

English Primrose. (*Primula Vulgaris.*) The old favorite common yellow Primrose, now so popular and fashionable in England..... 10

Siberian Primrose. (*Primula Cortusoides.*) Deep rose; beautiful and free flowering..... 10

Rose Colored Alpine Primrose. (*Primula Rosea.*) A perfect gem. It throws up spikes, sometimes as many as 12 to a plant, 4 to 6 inches high, in the spring, each spike surmounted with heads of from 6 to 10 large blossoms, 1 inch across, of a charming bright rosy carmine with yellow eye...20

Primula Sieboldi. Splendid for either garden or pot culture, throwing up flower stalks 8 to 12 inches high, surmounted with large clusters of flowers 1 to 2 inches across; color, soft, pretty rose, with white eye. It is a very distinct, beautiful and free-blooming plant; will require protection in the Northern States, or it can be grown in cold frames.....20
For *Greenhouse varieties of Primula*, see page 94.



POPPY, ORIENTAL HYBRID.

POPPIES—Hardy.

For permanent beds these brilliant large flowering hardy Poppies stand unrivaled; the flowers average 6 to 9 inches across, and are simply grand when in flower; the plants are robust growers, 3 to 4 ft. high. (See cut.)

Oriental Hybrid. Containing charming new colors: pink, blotched purple, blood-red, blotched black, glowing scarlet, reddish orange, salmon, etc.....Pkt. 25

Bracteatum. Orange scarlet..... 10

Orientele. Dark scarlet, purple spots..... 10

For annual Poppies, see page 79.



PLATYCODON.



PRIMULA AURICULA.

PLATYCODON.

(*Wahlenbergia.*)

Large Flowering. Mixed Colors. The large flowered Chinese Bell Flower; showy hardy perennial, about a foot high, bearing large, broad, bell-shaped white, blue or pink flowers; very handsome for garden decoration in the summer and fall.....Pkt. 10

Mareisi. It grows sturdy and compact bush, its many branches bearing numbers of beautiful, large, open, bell-shaped flowers of a rich violet blue. The appearance of the plant in bloom is exquisite..... 25

PYRETHRUM.

Valuable hardy border plants, throwing up numerous stems about 2 feet high, each surmounted with large flowers, 3 or 4 inches across, of bright colors, such as rose, flesh, pink, white, crimson, etc. They remain in bloom a long time.
Single Large Flowering Hybrids, Mixed......Pkt. 10
Double Large Flow'g Hybrids, Mixed. 25
Roseum. (Persian Insect Powder Plant.) Rose color. 1 ft..... 10
Cinerariaefolium. (Dalmatian Insect Powder Plant)..... 10
For *Pyrethrum*, "Golden Feather," see page 79.

Our Prices this Season are lower than ever.

{ Read our remarks on this subject on pages 1 and 2.

Seeds of Hardy Flowers for Permanent Situations.

ROSE.



HYBRID POLYANTHA ROSE.

Hardy, Double Mixed. Flowers the second year; hardy perennial. 3 to 6 ft. Pkt. 10
Monthly Tea, Double Mixed. Half-hardy perennial. 2 to 4 ft. 10
Hybrid Polyantha. These beautiful little roses are borne in large clusters, and will flower throughout the summer until frost, from seed sown early in the spring. Flowers of various colors, most of them double, although a few of them will come semi-double and single. Mixed colors. (See cut.) 15
Climbing Polyantha. Flowers in bouquet-like clusters; like the above, the plants are hardy, of very vigorous and branching habit, flowering profusely throughout the summer. Mixed colors 20

Japanese Rose. (*Rosa Rugosa*.) One of the handsomest hardy shrubs in cultivation. It forms a sturdy bush 4 to 5 feet high, covered with dark green, glossy foliage, crowned with large single roses 3 inches in diameter, borne in clusters of 10 to 20 flowers. The flowers are of bright rosy crimson, followed by large handsome scarlet fruit during the autumn months. (See cut.) Pkt. 25
White-flowered Japan Rose. 25
White Prairie Rose. (*Rosa Setigera Nivida*.) A snow-white variety of our famously beautiful native Prairie Rose. A hardy climber, bearing clusters of large single flowers. 15

RUDBECKIA.

(Texas Cone Flower.)

Newmanii. This robust-growing perennial grows 2 ft. high; is very popular for border decoration. It is of the easiest possible culture, and bears very large golden yellow flowers, 3 to 4 inches across, with velvety maroon centre cone. (See cut.) Pkt. 15

For annual Rudbeckias, see page 79.

ROMNEYA COULTERI

Great White California Poppy. A fine perennial of stately beauty, flowering from July until November. The flowers are large (4 to 5 inches across), pure white, with a fine bunch of yellow stamens, resembling large single white Peonies, and of delicate primrose-like perfume. Valuable for cutting, lasting well in water. The plants attain a height here of 6 to 8 feet. North of Washington cold greenhouse protection in winter will be required. 10

SCABIOSA.

Caucasica. One of the handsomest of hardy perennials, forming a spreading and dense plant, 2 to 3 feet high, thriving well in ordinary garden soil, and should be grown by every one, if only for its flowers for cutting, as they last a long time in water, and their peculiar, soft lilac blue shade is charming. 10
 For annual Scabiosa, see page 80.

SWEET ROCKET.

Mixed Colors. Fragrant purple and white flowers; hardy perennial. 2 to 3 ft. Pkt. 5

SWEET WILLIAM.

(*Dianthus Barbatus*.)

Hardy plants about 1 foot high, of extreme richness and variety of color, and also deliciously sweet-scented; for clumps or borders no plant can surpass this old favorite.

Henderson's Perfection, Single Mixed. Large flowering. Extra choice Pkt. 10
Single Mixed. 5
Double Mixed. 5
Henderson's Perfection, Double Mixed. Large flowering. Extra choice 15
 Imported collection of 12 separate sorts, 60 cts.



JAPANESE ROSE.

TRITOMA.

(Red Hot Poker Plant or Torch Flower.)

Uvaria. Splendid hardy perennial plants, admirably adapted for single clumps on the lawn or among shrubbery, where its tall spikes of orange red flowers make an effective display from August until December. (See cut.) Pkt. 10

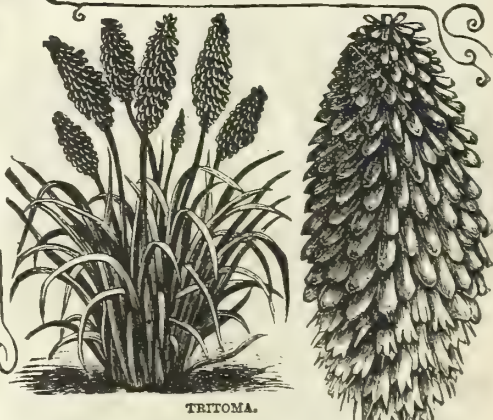
New Remontant. These distinct and beautiful hybrids, crossed with Corallina, Rooperi, MacOwani, etc., are very dwarf-growing and flower most freely from July until cut down by frost. Their beautiful heads of bloom vary in color from coral red, straw yellow, blood-red, orange and scarlet. Mixed colors 20

The roots of Tritomas will need protection in cold climates, or better yet winter them over in frames north of Washington.

SINGLE VIOLET.

The "Sweet English Violet," a favorite little plant, 6 inches high, prized for its long-continued bloom and its delicate odor.

Light Blue. Pkt. 10
White. 10
Purple. 10
Mixed. 10
Large Flowering, Mixed Colors. New hybrids, between the Pansy and Violet, partaking of the beautiful colors of the former and the fragrance of the latter. 25



TRITOMA.

VALERIAN.

Showy hardy perennials, 1½ feet high, with large heads of bright rose, scarlet and white flowers. Mixed colors Pkt. 5

WALLFLOWER.

Exquisitely fragrant long spikes of single or double flowers.

Single Large Flowering, Mixed. Pkt. 5
Double Large Flowering, Mixed. 10
 Imported collection of 6 double sorts, 50 cts.

YUCCA.

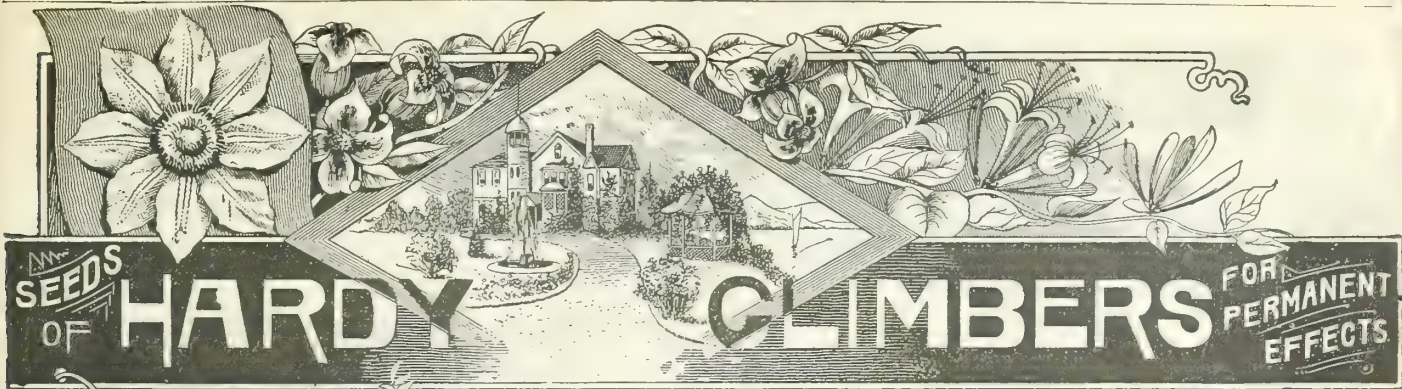
(Adam's Needle or Spanish Bayonet.)

Filamentosa. A very desirable hardy perennial, of picturesque and showy effect when grown as specimens on the lawn or in borders. The flowers are creamy white, very large, bell-shaped, borne sometimes as many as 300 on a single spike; grows freely in any soil; 4 to 6 feet high. Pkt. 10



RUDBECKIA—THE TEXAS CONE FLOWER.

Refer to the Index (2d page Cover) for Flower Seeds you cannot readily find.



ABOBRA.

Viridifera. A pretty climber, growing about 10 feet high; the perennial roots should be kept over winter like a Dahlia; foliage dark green and glossy; flowers small but followed by bright scarlet fruits, which make the plant very effective. Pkt. 5

AMPELOPSIS.

(*Boston or Japan Ivy.*)

Veitchii. One of the most valuable of our hardy climbing plants; it is extensively used for covering houses, clinging with great tenacity to wood as well as brick or stone, and in summer the leaves overlapping each other, forming a dense sheet of rich glossy green which in the autumn changes to the most gorgeous shades of crimson, scarlet and yellow; it grows rapidly from seed. Pkt. 10

ARISTOLOCHIA.

(*Dutchman's Pipe Vine.*)

Sipho. One of our best hardy perennial climbers; it frequently grows 20 feet in a season; leaves very large and luxuriant, making dense shade; the flowers are brownish yellow, curiously mottled, in shape very similar to a pipe. Pkt. 10

ASPARAGUS.

Broussoneti. Beautiful hardy perennial climber, growing 10 ft. high; feathery foliage and scarlet berries; in the autumn this is a very ornamental object. (See cut.) Pkt. 10

BIGNONIA.

(*Trumpet Creeper.*)

Grandiflora. Hardy climber of rapid and luxuriant growth; 40 to 60 feet high, and very picturesque and effective grown on old trees, arbors, walls, etc. Handsome large clusters of orange-red flowers. Pkt. 10

KENILWORTH IVY.

Hardy little climber, 3 to 6 feet high, clings to walls, etc., and a valuable trailing plant for hanging baskets, vases, etc. Pkt. 10

LATHYRUS.

(*Hardy Sweet Peas.*)

Latifolius. Hardy climbers, growing 6 to 8 feet high when trained on a trellis; the flowers are borne in large clusters. Pkt. 10

Red, White or Mixed. Pkt. 10
Splendens. "The Pride of California." Brilliant rosy red. 10

CHINESE WISTARIA.

Of luxuriant and rapid growth, bearing in the spring immense panicles of purple or white flowers produced in great profusion. Height, 50 to 75 feet. Pkt. 10
 Blue. Pkt. 10
 White. Fragrant. 10



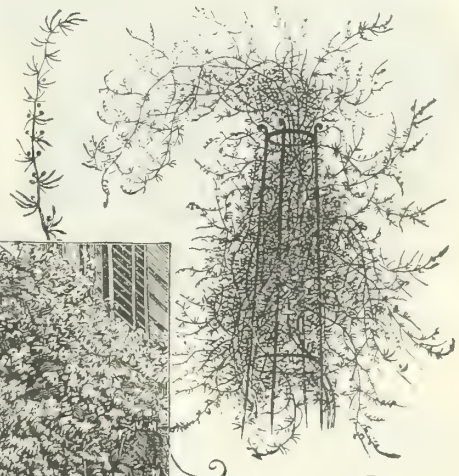
LATHYRUS LATIFOLIUS.

UNDER this heading we offer seeds of **HARDY** Climbing plants which are indispensable for permanent decoration of arbors, houses, walls, old trees, etc. *Ampelopsis* and *Kenilworth Ivy* cling from rootlets thrown out along the stems and therefore are self-supporting, and in consequence extensively used for covering stone and brick houses, walls, old trees, etc. *Clematis*, trained over low shrubs, is one of the most beautiful objects when in bloom; and for picturesque beauty nothing can exceed that of the *Bignonia* or *Wistaria* when twining around and through tree-tops, with suspending panicles of gay flowers. (For climbers which attain perfection the first season, see pages 83 to 85.) Full cultural directions given on each packet.

ADLUMIA.

(*Mountain Fringe or Alleghany Vine.*)

This charming climber is a hardy biennial. Seeds sown near an arbor or trellis in May will flower freely the following season without further care; the foliage is beautiful and feathery, flowers rose-colored. 15 ft. Pkt. 10



ASPARAGUS BROUSSONETI.

BITTER SWEET.

(*Celastrus Scandens.*)

A hardy native climber, leaves turning bright yellow in the fall, with clusters of orange colored fruit. Pkt. 10

CLEMATIS.

Paniculata. One of the finest hardy species in cultivation. Of robust habit, climbing about 12 feet high, and covered from the ground to the summit with pure white, deliciously fragrant flowers, so freely produced as to completely hide the foliage. In September the flowers are followed by pretty seed pods of bronzy red. (See cut.) Pkt. 15



CLEMATIS PANICULATA.

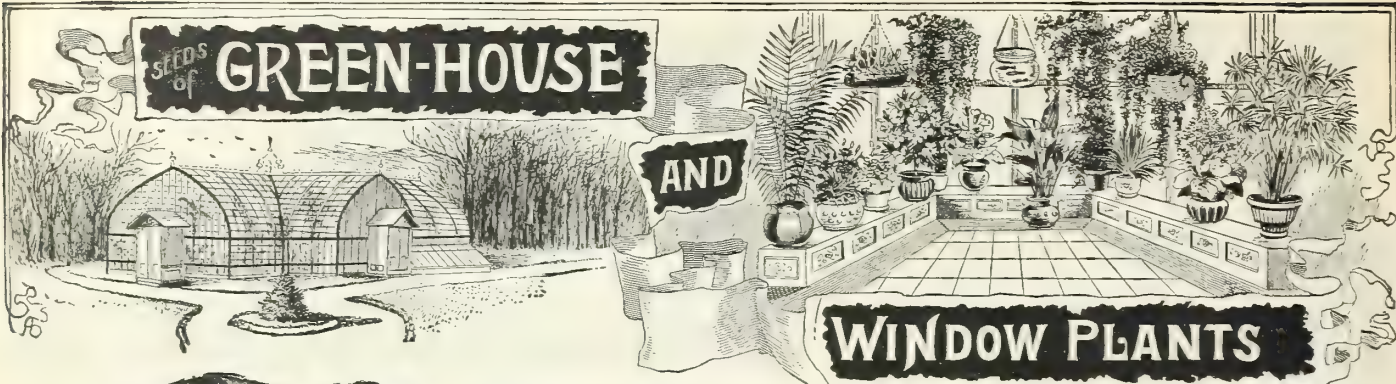
Large Flowering Mixed (Jackman's). Flowers 3 to 4 inches across, of charming shades of blue, white, purple, etc. Pkt. 15
Coccinea. Tubular flowers of waxy vermilion, interior yellow. . . . 10
Crispa. Bell-like flowers of exquisite pale blue and white; very fragrant. 10
Flammula. Fragrant white feathery flowers, in clusters; admired for its grace. 6

HONEYSUCKLE, JAPAN.

(*Lonicera Brachypoda.*)

A vigorous climber; flowers yellow and white in June; very fragrant. Pkt. 10

Refer to the Index (2d page Cover) for Flower Seeds you cannot readily find.



BEGONIA.

Magnificent flowering plants for pot culture. The "tuberous rooted" varieties are becoming deservedly popular for garden bedding, flowering in the greatest profusion all summer. The individual florets will average from 6 to 9 inches in circumference, and are of all colors. 1 foot.

- Tuberous Rooted, Single, Mixed Pkt. 15
- Tuberous Rooted, Double, Mixed 25
- Tuberous Rooted, Striped, Mixed colors, (See cut.) 50
- Bex. Large ornamental leaves of dark green, gold, red, etc. 25
- Scharfiana. New species with large thick leaves resembling emerald green velvet on the surface and deep purplish red underneath; flowers, large, pure white..... 25

CALCEOLARIA.

Gorgeous plants for greenhouse and window decoration; the large, pocket-shaped flowers are borne in the greatest profusion through spring and summer; colors, yellow, maroon, crimson, etc.; spotted and blotched in the most unique fashion. 1½ feet. (See cut.)

- Large Flowering, Spotted and Mottled Varieties, Mixed.....Pkt. 35
- Large Flowering, Self-colored, Mixed. Flowers not spotted or marked. 25
- Vesuvius. Deep blood scarlet; the blossoms are of large size and perfectly formed.. 50
- Rugosa, or Bedding Varieties, Mixed..... 35

CARNATION.

Indispensable plants for both pot culture in the greenhouse, window garden and open ground culture in summer; of innumerable colors and delicious perfume. 1 to 2 ft. (See cut.)

- Marguerite. Most abundant bloomers; flowers very double, ranging through beautiful shades of reds, pinks, white, variegated, etc. Those sown in spring commence flowering in early summer, and continue to bloom until checked by frost. They can be potted and taken in the house and will flower abundantly throughout the winter, though, if intended specially for winter flowering, it will be better to sow later in the season. (See cut.)...15
- Bizarres, Choicest Double Mixed. Flakes, fancy and selfs..... 35
- Perpetual, or Tree, Choice Double Mixed. Fine for winter flowering..... 35
- Picotee, Choice Double Mixed. Flowers either white or yellow, bordered with purple, red or rose..... 35
- Le Favori, Double. Rosy carmine..... 25
- Hermine, Double. Snow white..... 25
- Jean Sisley, Double. Salmon yellow..... 25
- Grenadin. Habit dwarf and compact, brilliant double scarlet flowers, very early..... 15
- White Grenadin, Double white..... 25
- Finest Double Mixed..... 20
- Double Mixed. A small percentage will come single..... 10

Imported collection of seeds of 6 finest double Carnations, separate, 50 cts., or 12 for \$1.00.

ABUTILON.

Beautiful perennial plants for greenhouse and window culture, blooming almost continually winter and summer; also succeeding well in the open ground in summer. Flowers bell-shaped, 1 to 2 inches across. Red, white, rose, orange, etc. 2 to 4 ft.
Finest Mixed Varieties.....Pkt. 15

ACHIMENES.

These are splendid and profuse summer-blooming plants for the conservatory or warm window decoration; height, 1 foot; flowers of many charming colors, ranging through all shades from white to crimson, including many beautifully spotted.
Finest Mixed.....Pkt. 10

ARALIA.

Sieboldi. Beautiful foliage plant, with large leathery deep green palm-like leaves, of great value as a decorative plant for greenhouse or window garden in winter, or for the lawn in summer; tropical appearance, perennial, 2 to 4 ft. high.....Pkt. 15

AZALEA.

Mixed Varieties. Showy winter flowering shrubs for greenhouse; large beautiful flowers, tender perennial, 1 to 4 ft.....Pkt. 25

CACTUS.

Singular and beautiful tender perennials, adapted for pot culture in the window or greenhouse; the flowers of some are very beautiful and the foliage of others very curious and interesting. Mixed varieties.....Pkt. 25



CALCEOLARIA.



CARNATION, MARGUERITE.

Refer to the Index (2d page Cover) for Flower Seeds you cannot readily find.

Seeds of Greenhouse and Window Plants.

CINERARIA.

HYBRIDA OR FLOWERING VARIETIES.

Magnificent and indispensable flowering plants for spring decoration for the conservatory or window garden. The flowers measure 2 to 3 inches across, are of white, blue, violet, and crimson shades, covering the plant with a sheet of bloom. (See cut.)

- Large Flowering Mixed.** From choicest prize varieties, 2 feet. (See cut.).....Pkt. 35
- Good Mixed**..... 15
- Double Large Flowering Mixed**..... 50
- New Pyramidal.** Plants of a beautiful pyramidal form; flowers borne in immense heads and run through all the various combinations of color usual in a high-class strain. 50
- New Large Flowering Crimson.** A rich velvety crimson; flowers of largest size, with a double row of petals..... 25

CHRYSANTHEMUM.

(Paris Daisies.)

These are the "French Marguerites" or "Paris Daisies" so much grown for cut flowers. They make elegant pot plants for winter flowering and bloom all summer in the garden. Bushy plants about 18 inches high.

- Frutescens Grandiflorum.** White.....Pkt. 10
 - Comtesse de Chambord.** Yellow..... 15
- For Chrysanthemums flowering the first season, see page 72; for Hardy Sorts, see page 81.

ECHEVERIA.

- Metallica.** Large pinky fleshy leaves, useful for ribboning or pots, flowers yellow and red; tender perennial. 1 ft.. 25
- Secunda, Glauca.** Small bluish white fleshy leaved plant for ribboning and pots, flowers yellow and red; tender perennial. ¼ ft..... 25

FERN.

- Greenhouse Varieties, Mixed.** Graceful conservatory or window plants, growing 6 in. to 2 ft. high.....Pkt. 15



GLOXINIA.

FUCHSIA.

- Choice double and single sorts of this elegant pot plant; tender perennial, 1 to 2 ft. Mixed colors.....Pkt. 15

GLOXINIA.

Most charming greenhouse plants, of dwarf habit. Their flowers are produced in greatest profusion.

CYCLAMEN.

These are among the most beautiful winter and spring flowering plants for the window and greenhouse. Not only are the flowers of striking beauty, but the foliage is also highly ornamental. The colors range through shades of pink, crimson, white, spotted, etc. Most of them are, moreover, delicately fragrant. (See cut.)

- Persicum, Finest Mixed**.....Pkt. 15

Giant Persian Cyclamen.

Flowers of extraordinary size, and of great substance. The leaves are proportionately large and beautifully marked.

- Giganteum, Mixed.**Pkt. 35

DRACÆNA.

Indivisa. A foliage plant, extensively used for the centres of vases and for pot culture; thin arching leaves; 2 to 3 ft.....Pkt. 10



CINERARIA.

GREVILLEA.

(Silk Oak.)

Robusta. Very beautiful and graceful foliage; highly valued as a decorative plant for the table, and when large for tropical lawn effects; tender perennial, 3 to 5 ft. (See cut.).....Pkt. 10

HELIOTROPE.

Deliciously fragrant flowering plants, growing about 1 to 2 ft. high; great favorites for pot culture in the winter or bedding out in summer; large umbels of purple, lilac or white flowers are continuously borne. **Finest Mixed**.....Pkt. 10
Queen of Night. Rich black purple... 10

HUMEA.

Elegans. An elegant biennial, 4 to 6 feet high; for pot culture or sub-tropical effects on the lawn it is beautiful and effective. The minute flowers are borne in immense numbers on long drooping branches. Colors ruby red, pink and crimson; and delightfully fragrant.Pkt. 10

LANTANA.

Fine Mixed. Rapid growing constant blooming perennial plants for pot culture in the winter or garden decoration in the summer; clusters of orange, white, pink, etc. 1 to 3 ft. 10



CYCLAMEN.

Gloxinia—Continued.

fusion, and of the most exquisite and gorgeous colors, many of which are magnificently spotted, mottled and blended. Under the commonest culture they bloom continuously for months. 1 foot. (See cut.)

- Large Flowering, Choice Mixed**.....Pkt. 35
- New Scarlet, Defiance.** Glowing crimson-scarlet, edges delicately frilled..... 35
- Emperor Frederick.** Vivid scarlet, margined by a clear white band..... 35

IMPATIENS.

(Zanzibar or Sultan's Balsam.)

Most beautiful and useful flowering plant, producing waxy bright flowers almost continually, winter and summer; tender perennial, 1 ft.

- Sultana.** Rose-colored.....Pkt. 15
- Mother of Pearl Rose**..... 25
- Splendens.** Deep violet..... 25

KALANCHOE.

Carnea. Strikingly beautiful perennial for pot culture. Commences to flower at Christmas, and continues until February. The flowers are borne in large wax-like clusters; color a beautiful delicate pink; deliciously fragrant, 1½ ft.....Pkt. 25



GREVILLEA ROBUSTA.

Our Prices this Season are lower than ever. Read what we say on this subject on pages 1 and 2.

Seeds of GREENHOUSE AND WINDOW PLANTS.

MIMULUS or MONKEY FLOWERS.

Mimulus are admirable pot plants, and equally adapted for beds in the garden, in semi-sunny positions. The coloring and markings are rich in the extreme, ranging through velvety crimson, maroon, yellow, white and pink, spotted and blotched in a beautiful manner. The flowers are of the "Hose in Hose" style, of great size, and of remarkably rich and varied colors. (See cut.).....Pkt. 25

Prince Bismarck. Flowers an inch or more across, of dark rich crimson, and borne continually during the summer..... 20
Henderson's New Mammoth. A magnificent strain of enormous size, mixed colors..... 25
Fine Mixed Spotted Varieties..... 10
Moschatus. (Musk Plant.) Foliage emits a strong musky perfume; yellow..... 10



MIMULUS, NEW EMPEROR.

PELARGONIUM.

(Lady Washington Geranium.)

Grand plants for pot culture; colors are rich in the extreme, and beautifully marked; the flowers, an inch or more across, are borne in immense clusters through spring and summer. Height, 1 to 2 ft. Finest Mixed.....Pkt. 25

CHINESE PRIMROSES

The "Chinese Primrose" is a great favorite for the house or conservatory. The foliage is pretty and attractive, and the flowers 1½ to 2 inches across, borne in clusters of from 25 to 50, of perfectly charming colors and borne all through the winter and spring. One of our best pot plants. (See cut.)

Single Fringed Varieties.

White.....	35	Striped.....	Pkt. 35
Carmine. Yellow eye.....	35	Red.....	35
Scarlet. Sulphur eye.....	35	Spotted. White and crimson.....	35
Alba Magnifica. The finest pure white; flowers 2½ inches across.....	50		
Mixed Large Flowering, Fringed.....	35		
Fern-leaved, Mixed. Foliage long and Fern-like.....	35		
Fine Single Mixed Colors (not fringed).....	15		

Double Fringed Varieties.

Double Red.....	50	Double White.....	50
Double Mixed Sorts.....	50		
Cristata Nanz. A dwarf, semi-double variety, snow white flowers; very profuse. 35			



ARECA LUTESCENS. (See Palm Seeds.)

CHINESE PRIMROSE.

Other Greenhouse Primroses.

Obconica. Flowers pale lilac, borne in umbels on long stems; delicately fragrant; in pots it will flower continuously for the greater portion of the year; plant dwarf and compact, 6 to 12 inches high.....Pkt. 15
Floribunda. Foliage deep green, stems of both leaves and flowers red, making a charming contrast to the whorls of bright yellow flowers borne during the autumn and winter months..... 20
Sieboldi. (See page 94.)..... 20
 For Hardy Primulas, see page 89.

STREPTOCARPUS.

(New Hybrid Cape Primroses.)

A dwarf greenhouse perennial, growing nine inches high. The flowers are borne in remarkable abundance for about four months in summer and autumn. The colors range through white, red, violet, blue, rose, and all are blotched with purple and white. (See cut.).....Pkt. 35



PALM.

For decorating the greenhouse, lawn, piazzas, parlor, dinner-tables, etc., nothing can rival their rich and tropical effect.

Areca Lutescens. One of the loveliest of the Arcas; of clean, quick and graceful growth; tall, arching, divided leaves; stems yellow (See cut.) 25
Brahea Filamentosa, or Fritchardia. Large fan-shaped leaves, with hanging, thread-like filaments. A handsome decorative palm, a rapid grower, and for bedding out or as a vase palm it is scarcely equaled..... 15
Kentia Belmoreana. A splendid variety, very graceful and for table decoration scarcely has its equal. Excellent for room culture, as neither variations in temperature nor gas affect it. Rapid grower..... 25
Latania Borbonica. "The Bourbon Palm." A well-known and very handsome species. Large, broad, shining green, fan-shaped leaves, piazza, lawn or greenhouse decoration; of medium quick growth..... 15

PANDANUS.

(Screw Pine.)

Utilis. One of our most valuable decorative plants; withstands gas, dust and ill usage; they make fine specimens, 2 to 4 ft. high, with long, arching leaves; grand for centres of vases, etc.....Pkt. 15



STREPTOCARPUS.

TORENIA.

Beautiful plants for vases, baskets, etc.; they bloom continually during the summer in the open ground and also in the winter in the greenhouse. Height, 6 to 12 inches.

Fournieri. Porcelain blue and rich violet; throat bright yellow; very free flowering.....Pkt. 10
Bailloni. Deep yellow and maroon..... 10
White Wings. This variety is unusually attractive, being pure white, with flush of rose at the throat..... 15

Refer to the Index (2d page Cover) for Flower Seeds you cannot readily find.



for low trellises and growing in pots. In addition to these climbers the following are frequently grown in the greenhouse: notably Cobæa, p. 83, Tropæolums, p. 85, Thunbergias, p. 85, etc.

Full cultural directions are given on each packet.

ANTIGONON.

Leptopus. A magnificent climber for a warm greenhouse or conservatory; the carmine rose colored flowers are borne in long spikes. It is a perennial, and hardy south of Washington Pkt. 10

ARISTOLOCHIA.

Elegans. A rapid growing climber with very novel flowers; color, externally, white veined with purple; internally, rich purplish brown, irregularly marked with white. It grows rapidly from seed, flowers the first year, and is an exceedingly attractive greenhouse climber, and useful for outside decoration in summer. The blossoms are borne profusely, even on small plants..... Pkt. 15
For *Aristolochia Sipho*, see page 91.

ASPARAGUS.

Plumosus Nana. A greenhouse climber, with exquisitely graceful and feathery bright green foliage; it is extensively grown by florists for cutting purposes, the lace-like leaves being used for bouquets, baskets and other decorations. Per packet of 5 seeds..... Pkt. 25

CLIANTHUS.

(*Australian Glory Pea.*)

Dampieri. Tender perennial, shrubby trailer. Succeeds best

when treated as an annual; rather difficult to handle, and must not be at any time transplanted. One of the most beautiful plants grown for either the greenhouse or border, and the flowers of scarlet, blotched with black, are borne in gorgeous clusters..... Pkt. 10

LAPA-GERIA.

Rosea. Magnificent tender perennial greenhouse climber, with large bell-shaped flowers of rose color, spotted inside with white; the stems are round and branching, and can be trained to almost any length. Pkt. 50

MAU-RANDIA.

Graceful annual climbers for window or conservatories, or for open ground in summer; admirable to hang from vases, cover stumps and low trellises, flowering freely. 6 to 10 ft. Mixed..... Pkt. 10

Bacayana, rich violet..... Pkt. 10



PASSION FLOWER INCARNATA.



CONVOLVULUS MAURITANICUS.

CONVOLVULUS.

Mauritanicus. A beautiful trailing perennial. 3 feet. For vases, baskets, etc.; flowers blue, and white yellow throat..... Pkt. 10
For "Morning Glories," see page 83.



RHODOCHITON.

PASSION FLOWER

Handsome, rapid-growing perennial climber, for greenhouse decoration or sunny positions in the open ground in summer.

Incarnata (May Pops). Blooms the first season from seed. Flowers, two or three inches across, flesh white with purple rays, followed by yellow edible fruits..... Pkt. 10

Cerulea. Large flowers of violet and blue..... Pkt. 10

Von Volkemi (Tacsonia). Large scarlet..... Pkt. 20

Constance Elliott. Pure ivory white; flowering profusely; very fragrant..... Pkt. 20

SMILAX.

Charming tender perennial climber for greenhouse or window gardens. The foliage and stems are of a pleasing light green, very graceful; excellent for decoration..... Pkt. 10

IPOMEEA.

Leari. "The Blue Dawn Flower." Although this does wonderfully well outside in the summer, yet it is generally grown as a greenhouse climber, and it is most beautiful, bearing clusters of the most lovely sky blue flowers imaginable, and measure fully 5 to 6 inches across..... Pkt. 25
For other *Ipomæas*, see page 83.

RHODOCHITON.

Volubile. A charming climber, growing about 10 feet high and a pretty subject for trellises. The leaves are heart-shaped, about 3 inches long, the upper surface bright green, with large dark veins, and the under side as well as the stems purplish red. The flowers are about 2 inches long, curiously formed and of a rich claret red, and hang on long graceful stems. It flowers freely from seed the first season. (See *cul.*)..... Pkt. 25

Our Prices this Season are lower than ever. { Read what we say on this subject on pages 1 and 2.



BULBS

FOR
SPRING PLANTING.

LILIES. (Add for postage 3c. per bulb.)

- Auratum.** (See cut.) (The Golden Rayed Lily of Japan.) The grandest of all the Lily family. Flowers pure white, with crimson spots, while through the centre of each petal runs a clear golden band. Flowers measure nearly a foot across, produced abundantly; deliciously fragrant. 2 to 5 feet. First size bulbs, 25c. each, \$2.50 per doz.
- Candidum.** (Annunciation, or St. Joseph Lily.) The well-known Garden Lily; snow white fragrant blossoms. 3 to 4 feet. 10c. each, \$1.00 per doz.
- Humboldt.** (Bloomerianum.) 3 to 5 feet; large flowers of golden yellow, spotted with purple. 40c. each, \$4.00 per doz.
- Lancifolium, or Speciosum.**
 - **Album.** Purest white, 30c. each, \$3.00 per doz.
 - **Roseum.** White shaded and spotted with rose. 20c. each, \$2.00 per doz.
 - **Eubrum.** White shaded with deep rose and spotted red. 20c. each, \$2.00 per doz.
- Longiflorum.** (Easter Lily.) The well-known beautiful snow-white, fragrant hardy Garden Lily; flowers trumpet-shaped, 6 to 8 inches long; height, 1½ to 2 feet. 20c. each, 2.00 per doz.

- Tigrinum Splendens.** (Improved Tiger Lily.) Very large flowers; orange-salmon spotted black. 20c. each, \$2.00 per doz.
- Tigrinum Flore Pleno.** (Double Tiger Lily.) Immense double bright orange-red flowers, spotted with black. 3 to 5 feet. 15c. each, \$1.50 per doz.
- Pardalinum.** Scarlet, shading to rich yellow, freely spotted with purple-brown; 3 feet; July and August. 20c. each, \$2.00 per doz.
- Washingtonianum.** A beautiful California variety, growing stiff and erect; flowers white, tinted with purple and lilac; 8 to 9 inches across when fully expanded. 3 to 5 feet high. 25c. each, \$2.50 per doz.

LILIUM AURATUM.

MEXICAN CORAL DROPS.

Besleria elegans.

Exquisite and free-blooming, a native of the mountains of southern Mexico. Its coral-like, bell-shaped flowers are borne in graceful umbels of 12 to 20, on stems 1 to 2 feet high, and open in succession during fully two months of summer and autumn. As a bulb frequently throws up from 6 to 10 spikes in succession, the abundance of its charming flowers can be imagined. Color, bright vermilion scarlet, marked with rosy white on the inner surface, the beauty of the coloring being intensified by the bright purple of the anthers. For an effective display, at least 12 to 25 or more bulbs should be grown in groups in a sunny bed, planted about 6 inches apart.

Price, 8c. each, 60c. per doz., \$4.00 per 100, free by mail.

CINNAMON VINE.

Dioscorea batatas.

Beautiful summer climber; glossy foliage and fragrant flowers; stem dies down in winter, but the root is hardy. Large selected roots, 6c. each, 60c. per doz., free by mail.



CALADIUM ESCULENTUM.



COOPERIA.

CALADIUM ESCULENTUM.

(Elephant's Ear.) Grand tropical-looking plant, producing enormous leaves 3 to 4 ft. long. A favorite for specimens on the lawn. Height, 4 to 5 ft. (See cut.)

Circumference.	Price by Mail.
Extra size bulb, 10 to 12 in.	\$1.00 \$1.25
First " " 8 to 9 "	50 65
Second size " 6 to 7 "	25 35
Third size " 4 to 5½ "	15 20



CRINUM KIRKII.

CRINUM KIRKII.

This magnificent variety produces flowers of the greatest beauty. Usually, two flower stalks of dark purplish color are sent up at the same time, each bearing a large umbel composed of a dozen or more enormous lily-like flowers of wondrous beauty and fragrance. The petals are broad and pure white, with a deep reddish purple stripe through the centre. The variety is so beautiful that it invariably elicits general admiration. (See cut.) 1 lb. bulbs, \$1.00 each, postage 10c. per bulb extra; 2 lb. bulbs, \$1.50 each, postage 20c. per bulb extra.

Cooperia Drummondii. (Evening Star Flower.) Blooms from May to September; the flowers are star-shaped, with long tubes, pure white and fragrant (See cut.) 10c. each, 75c. per doz., \$5.00 per 100, free by mail.

SUMMER-FLOWERING BULBS.—Continued.

MADEIRA VINE.

The old favorite "Climbing Mignonette." Thick, glossy leaves, and long, hanging stems of feathery, fragrant white flowers. 5c. each, 50 cts. per doz., free by mail.

MONTBRETIA CROCOSMIFLORA.

This is one of the most floriferous and showy of autumn flowering plants, and destined to great popularity. When properly grown—i. e., a dozen or more bulbs planted 6 inches apart in a group in a sunny position and allowed to remain undisturbed for several years, protecting with a few inches of manure in winter—they will form magnificent clumps from 2 to 3 feet across, producing, in great numbers, graceful spikes 8 to 12 inches long, each spike bearing from 18 to 30 exceedingly showy star-shaped flowers, about 1½ inches across, of a gay orange suffused with red. They flower freely the first season, but clumps of two or three years' standing are required to bring out the great merits. Price, 5c. each, 50c. per doz., \$4.00 per 100, free by mail.

—**Rosea.** Charming rose color. (See cut.) 10c. each, \$1.00 per doz., free by mail.



MONTBRETIA ROSEA.

MEXICAN STAR OR FROST FLOWER.

(Milla biflora.)

A beautiful Mexican summer-blooming bulb. A group of them is always in flower after the middle of summer and very attractive. Flowers, star-shaped, 2 inches across, clear waxy white, of great substance, enlivened by a frost-like sparkle; the fragrance is delightful. Place a stalk in water and the flowers will all open; we have seen 11 stalks shoot up successively from one bulb. The bulbs flower profusely and with great certainty. Height, 12 to 18 inches. For an effective display, groups of 12 to 25 or more should be planted about six inches apart in a sunny bed. (See cut.) Price, 8c. each, 60c. per doz., \$4.00 per 100, free by mail.

ZEPHYRANTHES.

"Zephyr Flowers" and "Flowers of the West Wind," among our most beautiful dwarf bulbous plants, very effective for planting out in masses in May, flowering with great profusion during the summer. They are also most suitable for pot culture; 6 to 12 bulbs clustered in a 6-inch pot in the autumn will give a fine display of bloom during the winter in the window garden or conservatory. 1 foot high.

—**Atamasco.** White, suffused with flesh color; hardy. We know of borders of it as far north as Connecticut, which have stood the colds of several winters. 5c. each, 50c. per doz., \$2.50 per 100, free by mail.

—**Rosea.** Large flowers, 3 to 4 inches across, of the most exquisite rose pink. Price, 10c. each, \$1.00 per doz., \$6.00 per 100, free by mail.

—**Texanus.** Bright yellow. 20c. each, \$2.00 per doz.

ORANGE FLOWERED TUBEROSE.

Deliciously fragrant star-like flower, 1½ inches across, pearly white, borne on stems 3 to 4 feet high; the single tuberose flowers several weeks earlier than the double sorts. Price, 8c. each, 75c. per doz., \$4.00 per 100. (If by mail, add for postage 10c. per doz.)



DOUBLE PEARL TUBEROSE.

TIGRIDIAS.

(Peacock or Shell Flower.) Extremely handsome summer-flowering bulbs, growing about 2 feet high, producing large, gorgeous flowers, exquisitely spotted; they flower very freely throughout the summer. (See cut.)

—**Conchiflora.** Dark yellow, large red spots. 5c. each, 30c. per doz., \$2.50 per 100.

—**Favonia Grandiflora.** Large bright crimson, centre mottled with yellow. 5c. each, 50c. per doz., \$3.00 per 100.

—**Grandiflora Alba.** Pearly white, with a yellow cup gorgeously spotted with crimson. Price, 10c. each, \$1.00 per doz.

HYACINTHUS CANDICANS.

(Giant Summer Hyacinth.) Luxuriant, free-growing, summer-flowering plant, spreading 2 to 3 feet, throwing up great, tall spikes, 4 to 5 feet in height, each bearing 20 to 30 large white bell-shaped flowers of easiest culture and splendid for groups. If planted in the centre of beds of scarlet Gladiolus, such as Brenchleyensis, the effect is magnificent. (See cut.) 10c. each, \$1.00 per doz., \$6.00 per 100. Postage, 3c. per bulb extra. Seed, per packet, 10c.

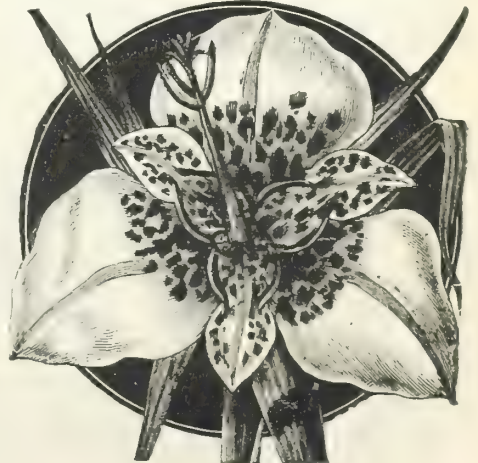


DOUBLE PEARL TUBEROSE.

This pure white, perfectly double, delightfully fragrant flower, invaluable for bouquets, is too well known to need any description. It delights in a strong, rich, deep, well-drained, warm soil; manure, heat and water are essential to its perfect development. This variety, which we introduced and named, grows only twenty-four inches, about half the height of the old double sort, and the flowers are nearly twice the size (often two inches in diameter), and imbricated like a camellia; deliciously fragrant. (See cut.) Extra size bulbs, 5c. each, 50c. per doz., \$3.50 per 100. (If wanted by mail, add for postage 10c. per doz. extra.)

TUBEROSE, "SILVER LEAF."

This beautiful variety deserves to be largely grown, as it is always showy and effective even when not in bloom, the foliage being distinctly striped, white and green. Each bulb frequently throws up two or more spikes, 3 to 4 feet high, each bearing from 25 to 40 pure white, waxy flowers, much like an orange flower or Stephanotis, with a delicate and enchanting perfume. They flower several weeks earlier than double tuberoses, and the bulbs bloom year after year. Price, 10c. each, \$1.00 per doz., \$6.00 per 100. (If wanted by mail, add for postage 10c. per doz. extra.)



TIGRIDIA.



THE MEXICAN STAR OR FROST FLOWER.

GLADIOLUS BULBS



GLADIOLUS IN MIXTURES.

Ⓢ (If desired by mail, add for postage 10c. per dozen.)

	Each.	Per doz.	Per 100.
All Colors Mixed.....	4c.	30c.	\$2.00
American Hybrids, Mixed	5c.	50c.	3.00
White and Light Varieties, Mixed.....	5c.	50c.	3.00
Striped and Variegated Varieties, Mixed.....	5c.	50c.	3.00
Pink Varieties, Mixed.....	5c.	50c.	3.00
Red and Scarlet Varieties, Mixed.....	4c.	30c.	2.00
Yellow Varieties, Mixed...	5c.	50c.	3.25
Scarlet and Pink, with White Throats.....	6c.	60c.	4.00
Lemoine's Butterfly Gladiolus, Mixed.....	6c.	60c.	4.00

One dozen each (108 in all) of the above mixtures, all kept separate, for \$4.00; 50 each (450 in all) for \$12.00; 100 each (900 in all) for \$22.00.

Ⓢ If desired by mail, add at the rate of 10c. per dozen, for postage.

LEMOINE'S
New Giant Gladiolus,
PRESIDENT CARNOT.

LEMOINE'S NEW GIANT GLADIOLUS.

GLADIOLUS HYBRIDUS NANCEIANUS.

Gorgeous Colors and Marvelous Markings. Enormous Flowers the Size of Tea Plates.

This new race of extraordinarily beautiful Gladiolus represents the grandest achievements in the perfection of this genus since its introduction. It is a cross between Saundersii and Lemoinei, and has not only retained the long-lasting properties and the beautiful spots of the latter, but its flowers have reached ENORMOUS DIMENSIONS, far surpassing any others, and much resembling Orchids of the brightest hues and most curious designs.

Alice Wilson. Enormous well-opened flowers (6 inches across) of perfect shape, ground color, white suffused with rosy crimson and flaked carmine; the lower petals are most distinctly blotched with purple-crimson. **\$1.75 each.**

Charles Baltet. Color purplish-wine-red marbled with chestnut-red. Throat white, with a white band in the centre of the sepals. A vigorous grower, producing immense flowers well opened and beautifully shaped. **\$1.50 each.**

President Carnot. A marvelously beautiful flower of enormous size (7½ inches across). The principal color is a satiny cherry-red, suffused with darker shades. The lower petals have a scarlet blotch surrounded by numerous blood-red drops on a straw-colored ground, extending to fine little spots in the midst of a scarlet border. (See cut.) **\$1.00 each.**

Ferdinand Bergman. Long, erect stalk, bearing as many as 12 flowers open at the same time; salmon shade of orange, lengthened spots of deep brown. **\$1.00 each.**

The set of 4 Giant Gladiolus, 1 bulb each, \$4.50, free by mail.

New "Snow-White" Gladiolus.

This is the best White Gladiolus. The flowers are elegantly formed, and are of great substance. The spikes are set solidly and perfectly with the flowers from bottom to top. The entire flower is a perfect paper-white, with a slight cream shade on lower half of the lower petal. A suggestion only of purple is sometimes seen on the lower petal, when the flowers are allowed to develop in the field. If the spikes are cut when the first two or four flowers open and are allowed to develop in water in the house, it is positively snow-white. It is a good strong grower, in many cases producing three spikes from one bulb. To get the largest flowers and spikes, cut off all but one spike. The Massachusetts Horticultural Society awarded this Gladiolus the Prize as the best white Gladiolus introduced, and also three years before a First-Class Certificate of Merit. (See cut.) Price, free by mail, 25 cts. each, \$2.50 per doz.

GLADIOLUS IN COLLECTIONS (free by Mail.)

Surprise Collection, 12 choice mixed, each bulb of a different variety, for	\$0.50
Bijou " " 12 extra choice seedlings, unnamed, each different, "	.75
Rainbow " " 12 choice named varieties.....	1.00
Special Set of 12 Really Grand Gladiolus.....	2.75
Collection of 50 Named Varieties, page 99.....	4.00
Collection of 4 Lemoine's Giants.....	4.50
or, Full Set of the above 6 Named Collections.....	13.00

HENDERSON'S SPECIAL SET OF 12

"Really Grand Gladiolus."

Magnificent new varieties of Gladiolus are produced by the art of hybridizing, but unfortunately the slowness of working up a stock of any special sort prevents them from being offered at a low price for several years. A stroll through our many acres of varieties, containing these new sorts, revealed some of which we could supply a few hundred bulbs, the varieties being of such rare beauty that we concluded to select a set that we offer at the moderate prices quoted below.

Abricote. A very charming and novel color, soft, satiny, coppery pink, as lustrous in the sunlight as if burnished. Flowers of great size, with large round petals. A robust grower. 50 cts. each, \$5.00 per doz.

Ali. Splendid, tall and compact spike, with numerous and perfectly arranged flowers of quite a peculiar and remarkable color; the ground of the upper petals is of a very pale creamy rose, striped and penciled cherry-red, one (or more frequently two) of the lower petals is yellow with a rose sheen and finally rayed or striped purplish red.

Aurore. A very bright and lovely variety. Flowers of largest size, bright salmon-rose, striped orange, carmine and lilac, with beautiful blotch of cherry-rose streaked with lilac.

Baroness Burdett Coutts. Delicate lilac tinged with rose, flamed rosy purple. Spike very long, flowers unusually large. A decided acquisition.

De Lesseps. Superb large flowers of rosy white suffused with pink, flaming into red carmine-lake at the edges. Strong, upright grower; fine spike.

Duchess of Edinburgh. One of the grandest Gladiolus grown. Great, strong spikes of immense flowers, deep lilac pink, with the sheen of satin.

Fred. Douglass. The finest dark-colored Gladiolus grown. Flowers unusually large, of a rich velvety claret-maroon, beautifully marked and shaded.

Grand Rouge. A magnificent variety. Splendid, strong spike of enormous flowers; bright scarlet, with violet blotches.

Mr. Baines. A splendid grower. Tall spikes of immense flowers of burnished orange-red. One of the most striking in our fields.

Mlle. Maries Mies. Exquisite delicate rose, flamed with carmine, with blotches of rosy purple on pure white ground. Flowers of unusually large size, forming a dense spike.

Mme. Auber. A tall, well-filled spike of extra large and beautifully shaped flowers, silvery lilac-rose, dappled with crimson-rose toward the edges; blotches creamy white. 50 cts. each, \$5.00 per doz.

Sunshine. The best yellow ever produced. Strong, upright grower, with enormous spikes of large flowers of much substance; color pure, rich yellow.

PRICE FOR ANY OF THE ABOVE, NOT SPECIALLY MENTIONED, 25 CTS. EACH, \$2.50 PER DOZ., OR THE FULL SET OF 12 FOR \$2.75, FREE BY MAIL.

GLADIOLUS SEED.—This will produce flowering bulbs in 2 to 3 years' time, of many beautiful varieties.

Gandavensis Hybrids. Mixed varieties.....	Per packet, 10 cts.
Lemoinei Hybrids. Mixed varieties.....	10 cts.

Choice Named Gladiolus.

Varieties which flower first are marked **A**; those which flower somewhat later, **B**; still later, **C**; the latest, **D**.

Price for any of the Gladiolus on this page, free by mail, 10 cts. each, \$1.00 per dozen; or the set of 50 varieties for \$4.00.

WHITE GLADIOLUS.

- La Candeur.** *C.* White, lightly striped with carmine-violet.
- John Bull.** *A.* White, lightly tinged with sulphur.
- Diamant.** *A.* Flowers extra large, fleshy white, of a remarkable freshness, throat ivory-white, blotched and streaked carmine, new color of exceptional distinctness, early flowering; a magnificent plant.
- Shakespeare.** *A.* White, very slightly suffused with carmine-rose; large rosy blotch.

ROSE AND PINK GLADIOLUS.

- Archduchess Marie-Christine.** *A.* White, slightly tinged with lilac, flamed rosy carmine; large flowers of excellent form, handsome spike.
- Carnation.** *A.* Large well-expanded flowers of a fleshy white color, profusely tinged at the edges with the richest carmine, the lower petals blotched purplish carmine; fine, long, well-furnished spike.
- Elizabeth.** *B.* Dark rose, flamed with bright carmine-purple; purple-carmine blotch, white stripes.
- Eugene Scribe.** *A.* Flower very large and wide, perfect tender rose, with blazed carmine-red.
- Sylvie.** *A.* White, slightly edged with delicate cherry-rose, throat very clear; perfectly shaped flowers, showing the ivory blotch to great advantage.

FLESH AND SALMON GLADIOLUS.

- Calypso.** *D.* Flesh-colored rose, streaked with rose and blotched carmine.
- Fatma.** *C.* Very large flowers of ivory-white ground, profusely striped and suffused with bright rosy salmon; violet blotch on creamy ground.
- Hesperide.** *B.* Profusely blotched and flaked bright rosy salmon on a pure white ground; handsome spike of grand effect.
- Feu Pollet.** *B.* Well-opened flowers, with ivory-white throat, richly tinted and striped with carmine at the edges of the sepals.
- Seduction.** *B.* Splendid spike with rosy salmon-colored flowers, very bright and open, of a delicate pearly rose, throat very clear, with large, white blotch, feathered carmine.

SCARLET AND DAZZLING RED.

- Gen. Phil. Sheridan.** Long spike of fire-red flowers of large size, a distinct white line running through each petal, and a large pure white blotch on the lower; a remarkably showy variety.
- Flamboyant.** *B.* Beautiful spike of large flowers, fiery scarlet; very effective variety.
- Brenchleyensis.** *C.* Bright vermilion-scarlet.
- Lord Byron.** *B.* Brilliant scarlet, blotched and flaked pure white; very showy.
- Myerbeer.** *C.* Brilliant scarlet, flamed with vermilion amaranth-red blotch.
- Romulus.** *A.* Very brilliant dark red, large pure white blotch, white lines on lower petals; very showy.

VIOLET AND PURPLE GLADIOLUS.

- Cleopatra.** *C.* Soft lilac, the lower petals of a darker hue, suffused with violet; purple feathered blotch.
- Eugene Ramey.** *A.* Dwarf, splendid spike, very straight and firm, flowers large, purplish amaranth, with a sheen of ivory-lilac; edges slightly mottled with slate; novel and distinct shade.
- Phidias.** *C.* Very brilliant purple ground, slightly tinted with violet, large pure white blotch, feathered with carmine-cherry; very showy.

LILAC GLADIOLUS.

- Apollon.** *B.* Rosy lilac, with a large light rose blotch; finely striped white in the centre.
- Leander.** *B.* Extra large flower of lilac color, beautifully shading off to carmine, a distinct white band in the middle of each petal and conspicuous white blotch on lower petals; fine spike.
- Panorama.** *B.* Very large spike of well-arranged flowers of a beautiful lilac, shaded and mottled with brilliant carmine, throat creamy white, centre of each petal banded white, new shade of color, very effective, medium height.

ORANGE-RED GLADIOLUS.

- Antiope.** *B.* Light orange-cherry, with a dark carmine blotch on pure white ground.
- Mac-Mahon.** *C.* Satin orange-colored cherry-rose, striped red; first-rate.
- Pyramide.** *B.* Handsome and perfect spike, broader at the lower part than at the top; large, well-expanded flowers of the brightest and most delicate orange-rose; plant of medium height, exceptionally fine.

CARMINE GLADIOLUS.

- Dumont D'Urville.** *A.* Very long spike; a bright cherry, flaked and striped rich carmine; distinct pure white blotch, white stripe in the centre of each petal.
- Eugene Souchet.** *C.* Fine spike, bright carmine-rose color, relieved by a large white blotch and stripes, rising from the intense colors at edges of the petals; very fine, effective variety.
- Zenobia.** *B.* Rose, slightly tinted with violet, flamed with dark carmine, large white blotch feathered with carmine; very fine.
- Semiramis.** *D.* Carmine-rose on white ground, flamed with bright carmine; unrivaled variety.

CHERRY-RED AND CRIMSON.

- Achille.** *C.* Beautiful currant-red, white stripe in the middle of each petal.
- Lamarck.** *D.* Very long spike of large fl. cherry color, slightly tinted with



GLADIOLUS, NEW SNOW-WHITE.

orange, blazed with red, centre very well lighted, with a large pure white stain; a very fine variety.

- Le Tintoret.** *C.* Fine cherry-rose, flamed with carmine, carmine blotch on yellow-tinted ground.
- Antonius.** *C.* Scarlet-cherry, slightly tinged with orange, flamed carmine, pure white blotch.

GARNET AND AMARANTH RED.

- Addison.** *B.* Dark amaranth with white stripes.
- Constance.** *B.* Of semi-dwarf habit, very vigorous, producing regularly compact and well-furnished spikes of amaranth-red flowers, with a small creamy white blotch.
- African.** *C.* Entirely distinct variety of quite a novel color, slaty brown on scarlet ground, streaked with scarlet and pure white, with conspicuous white blotch; a dark-colored variety of remarkable effect; dense spike.

YELLOW GLADIOLUS.

- Chrysolora.** This is the finest variety of its color in existence; the spikes are large and perfectly shaped; color, a superb rich yellow, exquisitely threaded crimson at base of petals.
- Cresus.** *B.* Very large flower; yellow, shaded darker toward the centre, flamed carmine at the edges, and feathered amaranth-red on salmon ground.
- Isaac Buchanan.** *C.* Finest yellow for massing.
- Martha Washington.** *B.* Light yellow, lower petals slightly tinged rose, large flowers, and fine spikes.

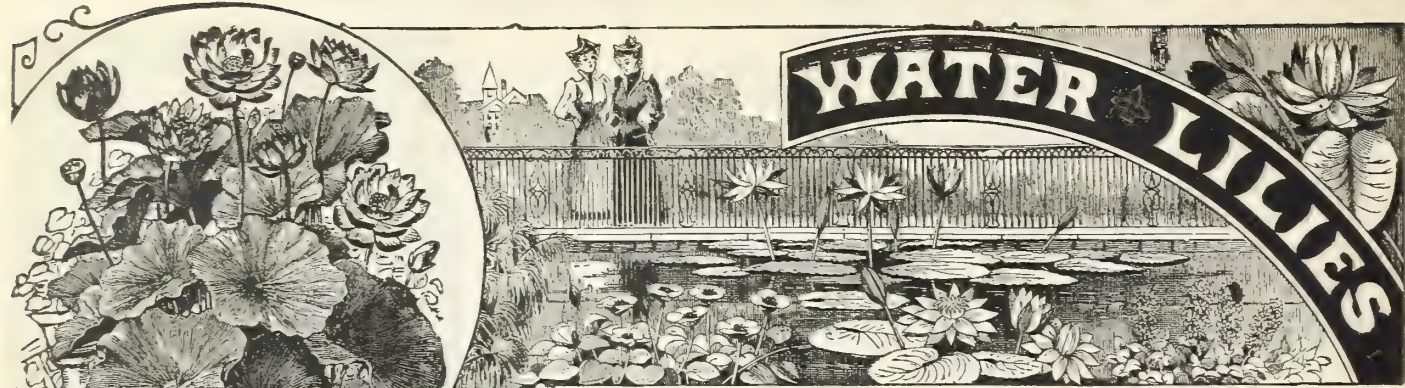
BUTTERFLY GLADIOLUS.

- LEMOINE'S LARGE STAINED HYBRIDS.**
- Engeissiri.** Very deep pink; lower petals blotched bright maroon.
- Enfant de Nancy.** Flowers medium sized, purplish red, lower petals deep crimson. Color and blotching entirely unknown heretofore in Gladioli.
- Incendiary.** Velvety dark red; magnificently marked.
- Lamartine.** Large flowers; rosy flesh, large bright maroon blotch on the lower petals.
- Lemoinei.** Good-sized flowers, closely set on the spike; upper petals of a creamy white color, tinted salmon-red, the lower ones spotted with deep purplish crimson, bordered with bright yellow and salmon red.
- W. E. Gumblerton.** Flowers very large and open; purplish rose, streaked with rich carmine; spots velvet, surrounded with yellow; an unusually beautiful variety.



LEMOINE'S BUTTERFLY GLADIOLUS.

Price for any of the above, free by mail, 10c. each, \$1.00 per doz.; or the collection of 50 varieties on this page for \$4.00.



EGYPTIAN LOTUS.

EGYPTIAN OR SACRED LOTUS.

(*Nelumbium Speciosum.*)

A noble aquatic; the leaves attain at the time of blooming a height of 5 to 6 feet above the surface, and measure from 20 to 30 inches across; the immense flowers are frequently over a foot across and of a lovely white shading into deep pink at the edges. It is a luxurious grower and blooms profusely, and is easily cultivated. When the roots are planted below frost-line it has proved perfectly hardy in New Jersey. (See cut.) Price of roots, \$1.50 each; seeds, per pkt., 25c.

AMERICAN YELLOW LOTUS.

(*Nelumbium Luteum.*)

Though a native it is not common. In general appearance and habit it is almost identical with the Egyptian Lotus, excepting the flowers, which are of a rich sulphur yellow, 6 inches across, and strongly fragrant. Price of roots, 75c. each; seeds, per pkt., 15cts.

NYMPHÆA DEVONIENSIS.

The handsomest of all red varieties; flowers bright rosy crimson, 8 inches or more across; leaves a foot or more across, of dark coppery green. If the growth is started in heat in the spring it blooms much earlier in the season. Price of roots, \$2.00 each.

NYMPHÆA DENTATA.

A magnificent variety; flowers of chalky whiteness and immense size, 8 to 14 inches across; the stamens, deep yellow, stand upright, giving a charming effect; leaves large, deep green and serrated. (See cut.) Price of roots, \$2.00 each; seeds, per pkt., 25cts.

Nymphæa Cœrulea or Stellata.

Beautiful, free flowering and very fragrant; flowers 5 to 8 inches across, of a rich ultramarine blue; may be flowered all the year round in moderate warmth. Leaves light green, slightly spotted. Price of roots, \$1.50 each; seeds, per pkt., 25cts.



NYMPHÆA DENTATA.

The Zanzibar Water Lilies.

(*Nymphæa Zanzibarensis.*)

The flowers, while not so large as those of the above varieties—only 4 to 6 inches across—yet are produced in such continuous abundance throughout the season until frost, and will even continue until late in the winter if the tubs are removed to the greenhouse, they give the best of satisfaction, and besides are enchantingly fragrant. The flowers remain open from in the morning until 4 o'clock in the afternoon. For cultivation in tubs it is, perhaps, the best of all. Plants from seed will flower freely the first season, though commencing much later in the season than when roots are planted. (See cut.)

- Azure Blue.** Price of roots, \$1.00 each; seeds, per pkt., 25cts.
- Rose Color.** Price of roots, \$1.00 each; seeds, per pkt., 25cts.
- Dark Purple.** Price of roots, \$2.50 each; seeds, per pkt., 25cts.



NYMPHÆA ZANZIBARENSIS.

THE ease with which Water Lilies and Aquatics are cultivated, the certainty of handsome results the same season they are planted, the magnificent flowers of great variety of form and color, their delicate perfume and the great fascination in growing them, is making the water garden widely popular. All of the varieties may be grown in half barrels or tubs two-thirds full of well-enriched soil covered with an inch or two of sand, filled with water and placed in a sunny position in the lawn or a fountain basin, though the cultivator generally becomes so enthusiastic in a season or two that an artificial pond is created, which is easily done and at small cost.

Our pamphlet, "THE CULTURE OF WATER LILIES AND AQUATICS," 40 pages, illustrated, gives directions for preparing artificial ponds, etc., and wintering over the roots, growing seeds, and describes all varieties, etc. PRICE, 25c.

WATER LILY SEEDS. Under most of the varieties we offer seeds; they are easily grown, but are not likely to produce flowering plants the first season. The Zanzibarensis varieties, however, excepted; these, if properly handled, flower freely in a few weeks' time.

WATER LILIES—HARDY.

NYMPHÆA ODORATA.

The well-known white fragrant water lily indigenous to our ponds. Price of roots, 25 cts. each, \$2.50 per doz.; seeds, per pkt., 25cts.

NYMPHÆA CANDIDISSIMA.

The large-flowered white variety of Europe. Flowers 6 inches across and waxy white; leaves 10 to 12 inches across. It flowers earlier and continues longer than our native species. Price of roots, \$2.00 each.

NYMPHÆA ALBA ROSEA.

Cape Cod Pink Water Lily.

Very hardy, blooms freely, deliciously fragrant, and of a deep pink or rose color; lovely and desirable. Price of roots, \$1.50 each; seeds, per pkt., 50cts.

NYMPHÆA CHROMATELLA.

Fine broad-petaled double flowers 5 inches across, beautiful waxy lemon yellow with orange stamens; a strong grower and free bloomer; leaves dark green, marbled with brown. Price of roots, \$2.50 each.



NYMPHÆA CHROMATELLA.

NYMPHÆA PYGMÆA.

A little gem from China; the smallest flowering species in cultivation. Flowers pure white, fragrant, and no larger than a silver half-dollar. Leaves 2 to 3 inches in diameter. Price, \$1.50 each.

THE WATER POPPY.

(*Limnœcharis Humboldti.*)

A charming and easily cultivated floating water plant with bright lemon yellow poppy-shaped flowers, 2 inches across, and freely produced throughout the entire summer. It is easily grown in a tub, tank or pond. Price, 25cts. each, \$2.50 per doz. Postage, 5cts. each extra.



WATER POPPY.

THE WATER HYACINTH.

(*Eichhornia [Pontederia] Crassipes Major.*)

Very unique and of great beauty; requires but limited space; easily grown; floats on the water by means of curious inflated leaves, a mass of feathery blue roots growing downward into the water. The flowers, as large as a silver dollar, are borne on spikes 6 to 8 inches long resembling hyacinths, and are as handsome as an orchid, of a beautiful, sparkling, rosy lilac color. It can be grown in the summer in the water-lily tub or pond. In the winter it is beautiful and effective when grown in a glass vessel of some sort. It is a free bloomer. Price, 25cts. each, \$2.50 per doz. Postage, 5cts. each extra.

THE BLUE WATER HYACINTH.

(*Eichhornia Azurea.*)

A rare novelty, similar in all respects to the above, excepting the flowers, which are delicately fringed and of lovely lavender blue with a centre of rich indigo with a bright yellow spot. Price, 50cts. each, \$5.00 per doz. Postage, 5cts. each extra.



WATER HYACINTH.



Ye Olde-Fashioned Garden Collection of Hardy Plants.

IN the above illustration we show, as far as the limited space will allow, an *old-fashioned garden*. There has been a growing demand of late for hardy plants, particularly for the old and well-known favorites so lovingly remembered in connection with the old home. It is not for this reason alone we offer this collection; it is mainly because the plants themselves possess merit in advance of many of the aspirants for favor which are annually trumpeted forth as marvels, but sink into merited obscurity in a short time. But of such plants as the old sweet-scented Cabbage Rose, Clove Pink, Bleeding Heart, Sweet Violet and the others offered in the **Old-Fashioned Garden Collection**, it may be said they are ever young in the people's hearts. In the collection offered below we have grouped together what, in our opinion, are the most likely to give satisfaction. They are selected with a view to beauty in the open ground, and availability for cutting for vases of flowers, bouquets, etc. To make this collection popular we have made the price very low, quality of plants considered.

OLD HARDY CABBAGE ROSE.

Familiar to all. Its great sweet-scented flowers are magnificent. No collection complete without it. Price, 60c. each. Large bushes.

HARDY CLOVE PINKS.

Low-growing and most desirable for borders; excellent for bouquets, etc.; very sweet scented. Price, large clumps, 30c. each; small plants, 15c. each, \$1.50 per doz.

HARDY PHLOXES.

Most desirable plants, blooming in late summer and fall. Our collection contains the very best varieties: white, pink, red, striped, etc., etc. Price, 15c. each, \$1.50 per doz.

RED HOT POKER PLANT (TRITOMA).

This is shown on the extreme left of the picture above. Its stately heads of flame-colored flowers are gorgeous in the extreme. Invaluable in any collection. Price, 30c. each, \$3.00 per doz. Strong plants.

YUCCA FILAMENTOSA (ADAM'S NEEDLE).

This is shown on the extreme right of the picture, and is in sharp contrast to the above. The great sprays of white flowers are a conspicuous and pleasing object in any landscape. Price, 30c. each, \$3.00 per doz. Strong plants.

WHITE DAY LILY (FUNKIA).

For grace and beauty this is without a rival. Its broad green leaves, above which rise the clusters of pure white fragrant flowers, are always a grateful sight. No plant in the collection outrivals this. Price, 35c. each, \$3.50 per doz. Strong plants.

BLEEDING HEART (DIELYTRA).

One of Nature's most exquisite productions, and worthy of a better name. The graceful, luxuriant foliage and beautifully arched racemes of brilliant flowers have made it the favorite it is; unsurpassed, we believe, by any other hardy flower. Strong plants, 20c. each, \$2.00 per doz.

HARDY CHRYSANTHEMUM.

The old-fashioned variety which was such a general favorite years ago. Blooming in the fall, after all other flowers are gone, they are particularly welcome. 10c. each, \$1.00 per doz.

HARDY DOUBLE ENGLISH VIOLET.

Wherever hardy plants are used there should be the Violet. Its deep purple fragrant flowers are always eagerly sought. Strong clumps, 50c. each; young plants, 30c. each, \$3.00 per doz.

HOLLYHOCKS.

These stately queens of the garden are shown on the right of the picture. No garden of old-fashioned flowers is complete without them. Assorted colors, 20c. each, \$2.00 per doz.

IRIS (FLEUR DE LIS).

The rainbow hues of these grand flowers rival the finest orchids. Deemed worthy by the kings of France to be placed on the royal banner. We offer the improved Japanese varieties, which far surpass the older kinds. Assorted colors. Large plants, 30c. each, \$3.00 per doz.

HOP VINE.

As no garden is complete without a vine, and as none is more fitting than the Hop Vine in an old-fashioned garden, we include it in this collection. Price, strong roots, 20c. each, \$2.00 per doz.

SPECIAL OFFER.—The above collection of old-fashioned plants, if bought separately, would cost \$3.15. We offer the entire collection of twelve plants for \$2.50.



AMPELOPSIS VEITCHII.

Sometimes called "Boston Ivy" and "Japan Ivy."

No picture can portray the beauty of this grand climbing plant. As an important aid to architectural beauty it is rapidly attaining prominence, being now a feature on the finest houses—notably the palatial residence corner of 57th Street and Fifth Avenue, New York City. Another fine example of it is seen on Grace Church, in New York, while on Commonwealth Avenue, and throughout the fashionable "Back Bay" district in Boston, there are hundreds of the finest houses covered with it from foundation to roof. It is adapted to all situations, and transforms the humblest cottage. It is entirely hardy in the most exposed places, attaining a height of 20 to 30 feet in two or three years, clinging to stones, brick or wood work with the greatest tenacity. It is a great protection to houses, as the leaves lapping over each other like slates on a roof effectually prevents rain from penetrating the walls. For covering dead trees, gate posts, boundary walls, verandas, etc., it has no equal, while its rapid growth and tenacious clinging qualities make it a most desirable plant for staying up terraces. In the summer the foliage is a rich shade of green, but in the fall it assumes the most gorgeous tints of *scarlet*, *crimson* and *orange*, so dazzling as to be seen at a great distance.

PRICES:

1st size, extra strong ground grown, 2 to 3 ft.,	50c. each,	\$4.50 per doz.
2d " pot " 1½ to 2 "	30c. "	3.00 "
3d " pot " 6 to 12 ins.,	15c. "	1.50 "

AMPELOPSIS ROYLEI.

This is identical with *A. Veitchii* as regards its climbing properties, but it is a larger and stronger growing plant. The foliage even in summer is richly tinted crimson, and in autumn it is perfectly gorgeous in its flame-colored foliage. It is, in our opinion, the more valuable of the two varieties. Price, the same as *A. Veitchii*.

AMPELOPSIS QUINQUEFOLIA.

The old Virginia Creeper. This is known in many sections as "American Woodbine." Invaluable where a coarse, rapid climber is desired. The foliage is larger than either of the above and colors grandly in the fall. Large plants, 50 cts. each.

AKEBIA QUINATA.

A scarce Japanese twining plant, with rich, dark green foliage and curious dark brown flowers of the most powerful and delicious odor. 30c. each, \$3.00 per doz.

APIOS TUBEROSA.

A valuable hardy tuberous-rooted climber, closely resembling the common *Wistaria* in vine and foliage, and having clusters of rich, deep purple flowers, which have a strong delicious violet fragrance. Plant the bulbs near a trellis, fence, tree or any place where you may wish a climber. They grow to a great height and bloom profusely. The bulbs are perfectly hardy and should not be taken up over winter. 15 cts. each, \$1.50 per doz.

ARISTOLOCHIA SIPHO. (*Dutchman's Pipe*.)

Large, showy, light green foliage; flowers long and pipe-shaped, hence the name. A very rapid growing vine, and where a dense screen is desired nothing can be better. The plants we offer are extra large and strong. Price, 75 cts. each.

AMONG the most important decorative and flowering plants none are more necessary than *Hardy Vines*. The collection we offer below contains, we believe, the best climbing plants for the permanent effects known at present time. Particular attention is called to the "Boston" or "Japan Ivy" as being perhaps the grandest vine for foliage effects it is possible to obtain. All the plants offered are of a good size and should give entire satisfaction.

BIGNONIA RADICANS. (*Trumpet Creeper*.)

A most rapid grower; flowers in large bunches, of a rich orange scarlet. Invaluable for covering out-buildings, old trees, etc. Trained to a post and cut back, it will assume a weeping form and is highly ornamental in that way. 25 cts. each, \$2.25 per dozen.

CELASTRUS SCANDENS. (*Bitter Sweet*.)

A well-known, handsome climbing plant. In the fall its foliage assumes a gorgeous coloring. It bears large clusters of bright scarlet berries, which remain on the vine a long time. Strong plants, 40 cts. each.

HARDY PEA. (*Lathyrus*.)

One of the grandest hardy climbers we have. The blooms are magnificent, formed in great clusters of large waxy flowers. Color brilliant rose. Strong plants, 35 cts. each.

HONEYSUCKLES. (*Lonicera*.)

Lonicera Belgica (Monthly Fragrant or Dutch Honeysuckle). The grandest of all honeysuckles and always scarce. Ever-blooming and very fragrant. Flowers bright red with yellow and buff markings at the ends of the tubes. 50 cts. each, \$4.50 per doz.
Lonicera (Japan Honeysuckles). Yellow, white, pink, and golden leaved. Fine plants, 30 cts. each, \$3.00 per doz.

IVY (English).

Invaluable from its quality of remaining evergreen all the year. It is largely used for covering graves in cemeteries. Price, large plants, 50 cts. each; smaller plants, 25 cts. each, \$2.25 per doz.
Variagated English Ivy. We also offer a variegated variety which is very ornamental. Price, the same as the above.

JASMINUM OFFICINALIS.

Hardy White Jessamine. Very sweet scented and highly desirable. Strong plants, 50 cts. each, \$4.50 per doz.

MOONFLOWER (Hardy).

(*Ipomea Pandurata*.)

A very useful climber. Large white flowers with pink and purple throat. For fuller description, see page 139. Price, 20 cts. each, \$2.00 per doz.

MATRIMONY VINE. Chinese. (*Lycium Chinense*.)

A beautiful berry-bearing vine, full of scarlet fruit in the fall. Large plants, 50 cts. each, \$4.50 per doz.; smaller plants, 25 cts. each, \$2.25 per doz. See also page 127.

PERILOCA GRÆGA. (*Silk Vine*.)

A rapid growing beautiful climber. It is particularly desirable for the sea-shore as it stands the salt air better perhaps than any other. Rich glossy foliage, purplish brown flowers in clusters. Price, 35 cts. each, \$3.50 per doz.

WISTARIAS (Chinese).

Wistaria Sinensis, White. Flowers borne in long, drooping clusters, as in the blue variety; pure white in color, making a most striking and elegant contrast. 50 cts. each.
Wistaria Sinensis, Blue. Flowers in drooping clusters like a bunch of grapes; soft lavender blue; fragrant. 35 cts. each.

SPECIAL OFFER.—The entire collection of 19 kinds named and described on this page (all largest plants) for \$5.00. Hardy Climbing Roses and Clematis will be found on pages 104 and 109.



EMPERESS AUGUSTA VICTORIA.

NEW TEA ROSE,

Empress Augusta Victoria.

This grand Rose is of German origin and was issued as "*Kaiserin Augusta Victoria*." We have taken the liberty to translate the German "*Kaiserin*" into *Empress* as being more appropriate for an English-speaking people. Of the Rose itself we can say, after a year's trial, that it can be fairly considered one of the greatest acquisitions of recent years. It is a true "Tea Rose," soft pearly white, remarkably fragrant, a strong, healthy grower, with bold beautiful foliage. The habit is free; the beautiful, perfectly shaped flowers are borne in profusion on long graceful stems, so that it will be invaluable for cut flowers. So free is it that, in our grounds, every shoot was invariably crowned with a magnificent flower. Professional florists have been quick to perceive the great value of this peerless variety, and it is now more eagerly sought after than almost any Rose on the market. It is not hardy in our northern latitudes, but may be kept from year to year in the manner described in our essay on the "Garden Culture of the Rose," which is given free to all our customers upon application.

1st size, \$2.00 each; 2d size, \$1.00 each; 3d size, 50 cts. each, \$4.50 per doz.

NEW CLIMBING ROSE,

Mme. Adelina Viviani Morel.

A new French variety of vigorous climbing habit. The coloring of the flowers is wonderfully charming, a blending of rich apricot, light pink, bright canary and pale yellow. These shades are markedly distinct in some flowers, while in others they run into each other so that the color effects are almost as varied as the Roses on the plant. It is not hardy in the Northern States, but is invaluable for indoors.

Price, 1st size (large plants), \$1.00 each.
" 3d " 50c. each, \$4.50 per doz.

Note.—We cannot supply an intermediate size.

Roses

OUR LEADING SPECIALTY.

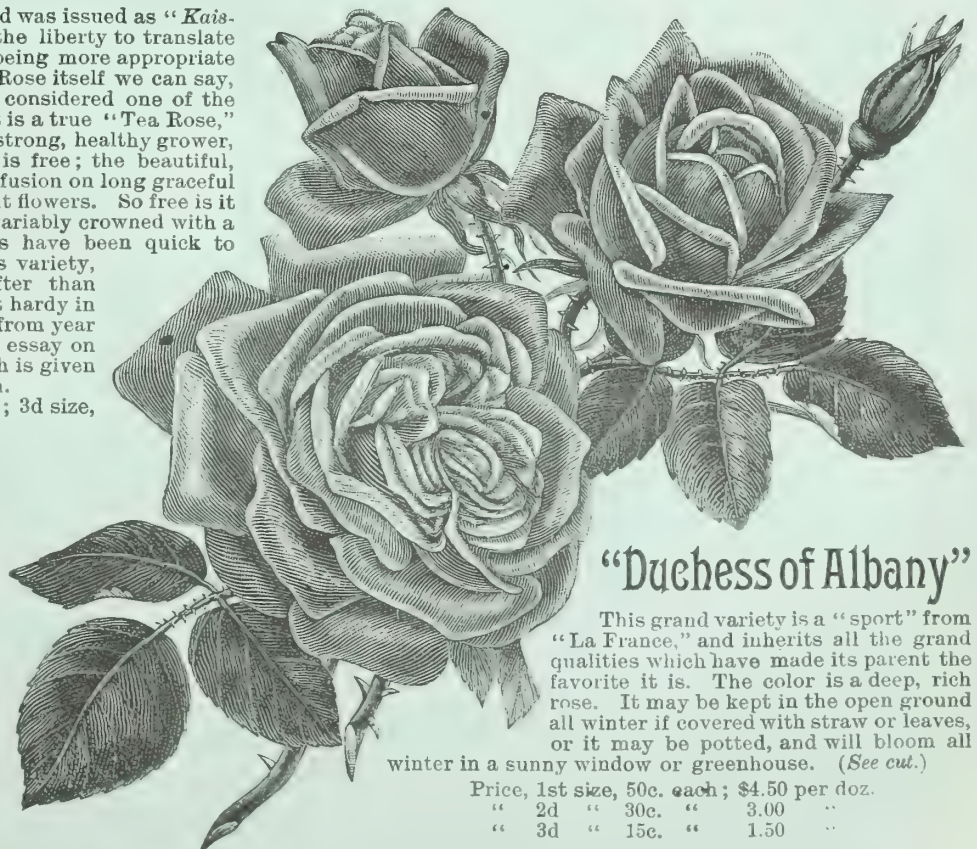
We have for years made **ROSES** our leading specialty, and sell annually over half a million plants. We pay particular attention to their culture, so that our **ROSES** are famed for their thrifty condition; besides, we offer nothing but varieties of established merit and new sorts which have been thoroughly tested by us before they appear in our lists, hence we offer unequalled advantages to buyers of **ROSES**.

OUR CLAIM.

We claim that we send out larger and finer Roses than any other firm in the business. Our smallest size is larger than the plants usually sent out by the mailing trade throughout the country, and our cold system of growing Roses makes them infinitely better.

THE SIZE OF OUR ROSES.

We grow our 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. We offer Roses in three sizes, which are usually graded as follows: "First size are usually 15 to 20 inches high, and branched; second size, 10 to 15 inches; and third size, 5 to 10 inches."



"Duchess of Albany"

This grand variety is a "sport" from "*La France*," and inherits all the grand qualities which have made its parent the favorite it is. The color is a deep, rich rose. It may be kept in the open ground all winter if covered with straw or leaves, or it may be potted, and will bloom all

winter in a sunny window or greenhouse. (See cut.)

Price, 1st size, 50c. each; \$4.50 per doz.
" 2d " 30c. " 3.00 "
" 3d " 15c. " 1.50 "

Our Prices this Season are lower than ever. Read what we say on this subject on pages 1 and 2.

Climbing

La France.



Climbing
La France.

The Greatest Rose Novelty,

Climbing "La France."

It is doubtful if, since the introduction of "Gen. Jacqueminot" and "La France," there has been offered such a sterling novelty in Roses as the Climbing *La France*. The two varieties mentioned are conceded to be without peers in their class, but the Climbing *La France* towers so far above all climbing Roses for the open ground that comparison is out of the question. Hitherto the hardy climbing Roses have been almost totally devoid of perfume, and none of them have that form and substance deemed requisite in a high-class Rose. With the advent of Climbing *La France*, these objections vanish, for it excels even its parent (*La France*) in size and quality of flower, it retains the charming peach-pink color and the exquisite fragrance which have made "*La France*" the favorite it is. This peerless acquisition had its origin as a "sport" from "*La France*" and has been under trial at our grounds for the past four years, so that its character is undoubtedly fixed. As an evidence of its robust habit we cite the fact that small plants set out June 15th, 1892, had attained a growth of fifteen feet by October 15th, a growth unsurpassed by any climbing Rose in our grounds. The Climbing *La France* is equally as hardy as its parent and so may be safely planted in the open ground even in our northern latitudes. We feel a pardonable pride in being able to offer in this our Columbian year an American Rose which is worthy of a place in every American garden.

Price, 1st size (large plants), \$2.00 each.
 " 2d " \$1.00 each, \$9.00 per doz.
 " 3d " .50 " 4.50 "

"Climbing Perle des Jardins."

This is a "sport" from "*Perle des Jardins*," that fine variety which furnished the "*Sunset*" Rose introduced by us a few years ago. In this new sort we have all the good qualities which made its parent famous, viz., strong, healthy constitution, freedom of bloom, and the delightfully fragrant deep yellow flowers familiar to every lover of choice Roses. When to these excellent traits we add that the new "*Climbing Perle*" is a most rampant running Rose some idea of its great value may be had. For the South it will be particularly valuable, as it is entirely hardy there, while for a pillar Rose in the conservatory it will be invaluable. Even the smallest size will make fine plants this season. (See cut.)

Price, large stock plants, \$1.00 each.
 " young plants, 1st size, 50c. each, \$4.50 per doz.
 " " 2d " 25c. " 2.25 "

"Climbing Niphetos."

A sport from the dwarf "*Niphetos*." It is a true climbing variety, having the same pure white, long-pointed buds as its parent, and is destined to become popular as an outdoor climbing Rose—in the South especially, where it is perfectly hardy.

Price, large stock plants, \$1.00 each.
 " young plants, 50c. each, \$4.50 per doz.



CLIMBING PERLE DES JARDINS. (Flowers 1/2 natural size.)

The "Jewel" Collection of Roses.

Dr. Grill. Coppery yellow, with a fawn rose reflex, back of the petals shaded delicate rose; an entirely new color. Large, well-formed flowers.

Ernest Metz. A remarkably beautiful variety. The color is tender rose, changing toward the centre to vivid cherry, with a distinct border around each petal.

GRACE DARLING. One of the most elegant Roses it has ever been our pleasure to behold. Strong, vigorous grower; color, a porcelain rose, elegantly shaded with crimson. The colors stand out separate and distinct, making a vivid contrast.

Lady Castlereagh. An exquisite Tea Rose, with very large flowers, full and beautifully formed; pale rose, shaded with fine sulphur yellow.

Mrs. James Wilson. A grand Rose, especially fine for bedding; deep cream color, the edge of the petals touched with soft blush.

Madame Joseph Schwartz. A beautiful Rose; extra large, globular flowers, delicately perfumed and very full; pure white, elegantly tinted and shaded with pale yellow and rose.

Princess Sagan. This variety is a very strong, vigorous grower, producing buds of the brightest scarlet crimson; the flowers are medium-sized, semi-double and fragrant.

Price, 1st size, 50c. each; set of 7, \$3.00.
 " 2d " 30c. " " 7, 1.50.
 " 3d " 10c. " " 7, .50.

"Madame Hoste."

This is a true "Tea" variety of delicious fragrance and splendid form. It occasionally assumes a creamy white shade with a clear amber centre, but in either shade it is undoubtedly a very handsome Rose, and owing to its strong, thrifty habit is never out of bloom. Whether wanted for summer or winter flowers this excellent variety cannot be surpassed. (See cut.)

Price, 1st size, 50c. each, \$4.50 per doz.; 2d size, 30c. each, \$3.00 per doz.; 3d size, 10c. each, \$1.00 per doz.



A New
Rose for
the Garden,

COPYRIGHTED
1899
B. J.
PETER HENDERSON
& CO.



MRS. PAUL.

"MRS. PAUL."

One of the most distinct Roses, perhaps, we have seen in years, and in our opinion pre-eminently adapted to outdoor bedding in our country. It possesses all the desired qualities for that purpose. It is ever-blooming, strong thrifty growth, large glossy green foliage, large fine flowers, which have the requisite substance to withstand our hot, dry summers. The color is exquisite, a blush white, usually overlaid with rosy peach shadings; this rich, unique coloring is one of its marked characteristics, and stamps it with a distinctive charm. The outer petals are grandly recurved, forming an excellent contrast to the Camellia-like inner petals. For smoothness, richness and finish, this Rose is without a rival. It originated in England, and received numerous medals and certificates at the various exhibitions there; besides, it has received the highest encomiums from the press there, and our experience confirms what has been said of it. (See cut.)

Price, 1st size (large plants), \$1.00 each.
 " 2d " 75c. each; \$7.50 per doz.
 " 3d " 50c. " 4.50 "



MADAME HOSTE.

Our Prices this Season are lower than ever. Read what we say on this subject on pages 1 and 2.

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 greenhouse in winter or in the open ground in summer. (See cut.)

1st size, 50c. each;	\$4.50 per doz.
2d " 30c. "	3.00 "
3d " 10c. "	1.00 "

"PAPA GONTIER."

This is one of the most fashionable of our winter-flowering Roses, but is equally useful for summer bedding. Color, a glowing carmine crimson.

1st size, 50c. each;	\$4.50 per doz.
2d " 30c. "	3.00 "
3d " 10c. "	1.00 "

"NIPHETOS."

The White Rose par excellence—large pointed buds—very free-flowering. Particularly valuable for winter forcing.

1st size, 50c. each;	\$4.50 per doz.
2d " 30c. "	3.00 "
3d " 10c. "	1.00 "

"MALMAISON."

This grand old variety, when used as a bedding Rose in summer, has no equal, as it produces the most perfect flowers in the hottest weather. Its rich, flesh-colored flowers are of immense size, are produced in abundance, and have the requisite form and substance to withstand our hot, dry summers. Exquisitely fragrant.

1st size, 50c. each;	\$5.00 per doz.
2d size, 40c. each;	\$4.00 per doz.
3d size, 15c. each;	\$1.50 per doz.

"THE BRIDE."

Every lover of fine Roses should have a plant of this peerless variety, as it fills a place in Ever-blooming Roses hitherto wanting. "The Bride" is a pure white Rose of large size and most perfect form. The buds are pointed and the ends of the petals are slightly curved back, giving it a most chaste and elegant appearance. This variety has the most delicious Tea fragrance, and is a strong-growing, free-blooming Rose, either for summer or winter flowering.

PERLE DES JARDINS.

1st size, 50c. each;	\$4.50 per doz.
2d " 30c. "	3.00 "
3d " 10c. "	1.00 "

Special Offer.—The twelve Roses on this page, unequalled as they are, we group together in one grand offer under the title of the "Favorite Collection."

Price of the "Favorite Collection" (12 sorts):

1st size, \$5.00,	(separately would cost \$7.00.)
2d " 3.00,	" " 4.00.
3d " 1.25,	" " 1.60.

Don't fail to take advantage of the above low offer.

Our Prices this Season are lower than ever. Read what we say on this subject on pages 1 and 2.

AMERICAN BEAUTY.

In "American Beauty" we have a hardy Rose of the largest 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. The flowers of this grand Rose are so eagerly sought that they have sold in the New York market for \$100 per 100 around the holidays for years, still holding this extraordinary price. When sold at retail, single buds bring \$1.50 to \$2.00 each at Christmas. In color it is a deep brilliant pink, shaded toward the centre with rich carmine crimson.

1st size, \$1.00 each;	\$9.00 per doz.
2d size, 60c. each;	\$6.00 per doz.
3d size, 30c. each;	\$3.00 per doz.

WABAN.

This Rose is a "sport" from Catherine Mermet, and identical with that variety in every characteristic excepting color, which is a rich, deep, bright pink. It is of great value either for flowers in the garden or for forcing in the greenhouse during winter.

1st size, 50c. each;	\$4.50 per doz.
2d size, 30c. each;	\$3.00 per doz.
3d size, 10c. each;	\$1.00 per doz.

"MME. DE WATTEVILLE."

A grand Rose for either summer or winter blooming. Color, beautiful shell pink, deepening to bright rose at the edge of the petals, the body of the flower being creamy white. This combination of colors suggests the name of "The Tulip Rose," by which title it is known all over Europe.

1st size, 50c.;	2d size, 30c.;	3d size, 10c.	\$4.50, \$3.00 and \$1.00 per doz.
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HERMOSA.

This grand pink bedding Rose is most prolific in blooming, and is almost entirely hardy, many plants of it having lived out for years in the New York cemeteries.

1st size, 50c.;	2d size, 30c.;	3d size, 10c.	\$4.50, \$3.00 and \$1.00 per doz.
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AGRIPPINA.

Second only to the above in hardiness and profusion of bloom. Color, rich shade of crimson.

1st size, 50c.;	2d size, 30c.;	3d size, 10c.	\$4.50, \$3.00 and \$1.00 per doz.
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LA FRANCE.

For full description and cut, see page 111.

1st size (extra fine), 75c. each,	\$7.50 per doz.;	2d size, 30c. each,	\$3.00 per doz.;	3d size, 10c. each,	\$1.00 per doz.
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GEN. JACQUEMINOT.

For full description and cut, see page 111.

Extra size, 75c. each,	\$7.50 per doz.;	1st size, 50c. each,	\$4.50 per doz.;	2d size, 30c. each,	\$3.00 per doz.;	3d size, 15c. each,	\$1.50 per doz.
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General Collection of Ever-Blooming Roses.

REVISED 1893.

Although we do not offer as long a list of varieties of Roses as some, yet our stock in quality, condition and extent is unequalled, and we contend that our customers are safer in selecting from our list of *choice tested varieties* than if we offered a long list, which would of necessity contain many inferior sorts. The varieties in heavy type we specially recommend. See prices at end of list.

- Ada Cook. Beautiful light pink; very pretty.
 Andre Schwartz. Dark crimson.
 Anna Olivier. Creamy blush, shaded with carmine.
 American Banner. Striped crimson and white.
 Alba Rosea. White, tinged rose color, shaded blush.
 A. Christophle. Apricot, shaded with soft rosy crimson.
 Aline Sisley. Violet red, brightened with crimson maroon.
 Appoline. Dark pink; full and fragrant.
 Beau Carmine. Light rose color.
 Bougere. Beautiful dark pink; sweet fragrance.
 Bella. Pure white; superior for summer flowering.
 Bianqui. White, shaded flesh color.
BON SILENE. This splendid old variety is equally valuable for summer or winter blooming; average size and exquisite Tea scent; color, brilliant carmine.
 Bourbon Queen. Clear satiny rose, shaded white.
 Blanche Nabonnand. Creamy white, tinged yellow and rose.
CATHERINE MERMET. One of the most fashionable Roses for cut flowers; color, clear rosy pink; very large pointed buds; full, double and fragrant.
 Compte Bobinsky. Rich carmine; full.
 C. Koch. Light flesh color; very double.
 Canary. Beautiful light yellow; profuse bloomer.
CHAS. ROVOLI. One of our favorite varieties; color, a beautiful carmine, changing to silvery rose; base of petals clear yellow.
 Chas. de Legrady. Carmine red, edge of petals silvery white.
 Chat. des Bergeries. Pale canary yellow.
 Clement Nabonnand. Outer petals rosy lilac, inner ones golden yellow; free flowering and fragrant.
 Comtesse Riza du Parc. Bright coppery rose, shaded crimson.
 Comtesse de Frigneuse. Bright canary yellow.
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.
 Dr. Reymont. Deep crimson; very free blooming.
 Duchesse de Brabant. Soft rosy flesh tint; flowers globular.
 Ella May. Deep orange buff, shaded apricot.
 Etoile de Lyon. Golden yellow.
 Exadelphe. Beautiful yellow; large and full.
 Fairy Rose. Flowers carmine, the size of a dime.
 Flavien Budilon. Delicate rose.
 Gen. de Tartas. Brilliant carmine; shaded violet purple.
 Geo. Peabody. Glowing crimson, changing to a scarlet shade.
 Goubalt. Bright rose color, tinted buff; Tea fragrance.
ISABELLA SPRUNT. Light canary yellow; largely used for winter blooming; buds medium size and good shape; very fragrant.
 Jules Finger. Bright rosy scarlet, shaded with crimson.
 La Nuancee. Fine salmon rose, tinged copper color.
 La Phœnix. Red, shaded crimson; free bloomer.
 La Sylphide. Beautiful cream color, shaded rose.
 La Tulip. White, tinged rosy lilac; large and fragrant.
 Letty Coles. Soft rosy pink, intense crimson in the centre.
 Leveson Gower. Beautiful rosy salmon.
 Louis Philippe. Dark rich crimson.
 Luciole. Clear cherry red, rich golden yellow centre.
 Marie Sisley. A superb 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; a fine bedding Rose.
 Mme. A. Imbert. Color, rosy buff with peach colored shadings.
 Mme. Ched-Guinoisseau. Dark golden yellow.
 Mme. Cusin. Shell pink, shaded cream.
 Mme. Remond. Sulphur yellow, margined red.
 Mme. Honore Defresne. Clear golden yellow.
 Mme. A. Etienne. Rosy claret, shading to pale rose.
 Mme. A. Nabonnand. Light salmon, shaded rose.
 Mlle. C. Perreau. Bright silvery pink, shading to rosy carmine.
 Mme. Barthelemy Levet. Bright canary colored flowers.

- Mme. Bravy. Rich cream color with pinkish centre.
 Mme. Camille. Delicate rosy flesh color, changing to salmon.
 Mme. Caroline Kuster. Beautiful light yellow, tinged with pink.
 Mme. Dennis. White, with yellowish centre.
 Mme. Devacourt. Bright canary yellow; deliciously perfumed.
 Mme. de Narbonne. Bright pink; profuse, full and fragrant.
 Mme. de St. Joseph. Finely shaped buds; deep pink.
MME. FALCOT. Fine apricot yellow, tinged buff.
 Mme. H. Jamain. White, shaded yellow and pink.
 Mme. Lombard. Rose color, tinged salmon and buff.
 Mme. M. Berthon. Pure white, shaded with lemon color.
 Mme. Maurice. Delicate flesh color; very large and double.
 Mme. Rachel. Pure snow white.
 Mme. Ristori. A good bedding variety; color deep blush.
MME. WELCH. Apricot yellow, shaded canary color.
 Mme. Rivoy. Crimson scarlet.
 Mme. de Vatry. Dark pink; splendid for summer blooming.
 Mme. Angele Jacquier. Full and double; light blush.
 Melville. Bright pink, changing to silvery rose.
 Miss Caroline. Rosy pink, shaded peach.
 Narcisse. Pale lemon yellow; free flowering; full and fragrant.
 Nina. Pinkish rose, shaded silvery white.
 Olorato. Beautiful blush tint; exquisite Tea fragrance.
 Pres. d'Olbecque. Bright purplish crimson; good shape and habit.
 Rainbow. Deep rosy carmine, striped light pink.
 Red Malmaison. Dark crimson scarlet.
 Regulus. Crimson, shaded pink and rose.
 Rubens. Pale lovely yellow, tinged with fawn color.
RUBY GOLD. Tawny yellow, shading to "old gold"; crimson centre with veins of rosy red and pink. Had its origin as a "graft hybrid."
SAFRANO. This is the ideal Tea Rose; buff color, tinted apricot yellow; exquisite fragrance and splendid bud.
 Sappho. Fawn color, shaded rose.
 Souv. de David. Rich rosy carmine; finely shaped buds.
 Souv. de Geo. Sand. Carmine, shaded amber.
SOUV. D'UN AMI. A splendid Rose; clear pink.
 Souv. de Victor Hugo. Tawny red, shaded carmine rose.
 Souv. de Gabrielle Drevet. Salmon white, centre bright rose.
 Stella. Light yellow, full and sweet.
 Sulphureaux. A deep sulphur yellow; fine in the bud.
 Theresa Loth. Fine carmine red, with deep rose shading.
 Vallee du Chamounix. Copper color, shaded citron red.
 White Bon Silene. A pure white "sport" from Bon Silene.
 1st size, 50c. each; set of 100 varieties, \$35.00.
 2d " 30c. " " " " 20.00.
 3d " 10c. " " " " 8.00.

HYBRID TEA ROSES.

- Beauty of Stapleford. Light pink; deep rosy centre.
 Duchess of Westminster. Color, bright cerise pink; large.
 Jean Sisley. Bright pink, shaded rosy lilac; very distinct.
 Nancy Lee. Dark silvery rose color; exquisite fragrance.
METEOR. Brilliant crimson scarlet, one of the grandest of our dark red Roses.
 Viscountess Falmouth. Pink and rose color.
 Mme. Etienne Levet. Vivid crimson; very profuse and fragrant.
 Pierre Guillot. Double, dark crimson; a fine bedding Rose.
 Camoens. Peach color; a beautiful variety.
 Brigitte Levet. Deep carmine; fine.
 Lady Mary Fitzwilliam. Full globular flowers of a delicate flesh color; fragrant. 50 cts. and 75 cts. each.
 Countess of Pembroke. Dark rosy pink; extra fine.
 Distinction. A distinct variety; color pink, shaded reddish amber.
 Wm. F. Bennett. Brilliant crimson, splendid buds.
 Duchess of Connaught. Silvery pink.
 Antoine Verdier. Brilliant dark pink; extra fine.
 Mme. A. Bernaix. Deep clear rose; creamy white centre.
 Queen of Bedders. Fiery crimson scarlet.

PRICES, EXCEPT WHERE OTHERWISE NOTED.

1st size, 50c. each; set 18 for \$6.00.
2d " 30c. " " " " 4.50.
3d " 15c. " " " " 2.25.

12 Best Ever Blooming Roses for Summer Flowers

THE TWELVE FINE EVER-BLOOMING ROSES

Named below we believe are the best possible selection to be obtained in that number. Even the smallest size of these will bloom abundantly this season.

MALMAISON. A splendid Rose, ever-blooming, and of the richest shade of blush. It is nearly as hardy as the Hybrid Perpetual Roses, some immense bushes having stood out in winter in the New York cemeteries for many years.

AGRIPPINA. No Monthly Rose surpasses this in profusion of bloom. The richest shade of crimson, blossoming the entire season.

PERLE DES JARDINS. The best yellow Tea Rose. Large size, fine form, exquisite Tea fragrance, and ever-blooming. (See cut, page 106.)

HERMOSA. A clean healthy grower; color, bright pink. It is grown largely in the New York cemeteries for its hardiness and continuous blooming.

MARIE LAMBERT. A pure white Tea Rose; ever-blooming, of large size and delicious fragrance. One of the very best summer-blooming Tea Roses.

SOUVENIR DE WOOTTON. (See description and engraving on this page.)

MRS. DEGRAU. Rich glossy pink.

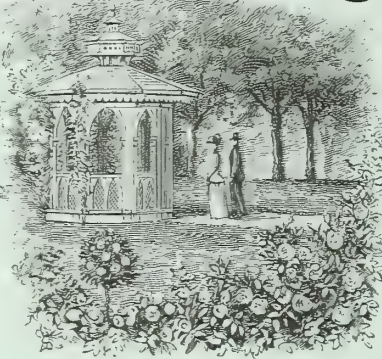
MAD. HOSTE. Clear lemon yellow, shading to white. (See special description and engraving, page 105.)

NIPHETOS. Pure white, long pointed buds, one of the most beautiful Roses in our list.

CATHERINE MERMET. The most beautiful of the light pink Roses. Buds long and pointed, the ideal form in a Rose, full and double, deliciously fragrant.

BON SILENE. Brilliant carmine, a strong vigorous grower and very prolific in bloom; exquisite Tea fragrance.

SAFRANO. Color, bright buff, exquisitely fragrant. This is the ideal Tea Rose. Collection of 12 Best Ever-Blooming Roses, first size, \$4.50; second size, \$3.00; third size, \$1.00.



THE TWELVE BEST HARDY ROSES

Named below are unequalled in their class, combining the greatest variety of form, richness of color and freedom of bloom which it is possible to get in that number. The first and second sizes will bloom this year, and the third will make fine plants for next season's flowering.

American Beauty. Rich carmine crimson. (See description, page 106.)

Anna de Diesbach. Dark rich pink; immense size.

Paul Neyron. Probably the largest of all Roses; color, clear dark pink, shaded carmine. Form of flowers, bold and handsome; very fragrant.

Capt. Christy. Delicate flesh color, large, full and double, very profuse; blooms from the time it is planted until frost. (See cut, page 110.)

Gen. Jacqueminot. Color, rich dark crimson. (See description, page 111.)

Gloire de Margottin. Bright crimson, full and double; one of the grandest and most brilliant hardy Roses. (See page 110.)

Coquette des Blanches. One of the finest hardy white Roses. Flowers of medium size, produced in great masses.

La France. As yet unequalled in its color, a satiny shade of pink, shading to blush, of the most delicious fragrance; ever-blooming and very hardy.

Magna Charta. Bright dark pink, very large and fragrant.

Mrs. John Laing. An exquisite shade of shell-like pink, deliciously fragrant and wonderfully free-blooming.

Ulrich Bruner. Bright cherry red, shaded carmine.

Prince C. de Rohan. Large and full, perfect form and richest fragrance; dark crimson.

Collection of 12 Best Hardy Roses, first size, extra large, \$7.50; second size, \$4.50; third size, \$2.00.

Catherine Mermet.

This charming Rose deserves and receives recognition from all Rose lovers. It is eagerly sought after in winter by the ultra-fashionable, and is perhaps the most admired of all the Tea Roses. The color is a delicate rosy pink unapproached by any other. The buds are large, long and pointed, of great substance and most delicious fragrance. For over twenty years it has reigned supreme in its class and color.

1st size, 50c. each, \$4.50 per doz.; 2d size, 30c. each, \$3.00 per doz.; 3d size, 10c. each, \$1.00 per doz.

Meteor.

"Meteor" is a remarkably rich dark velvety crimson Rose; so dark, indeed, that under certain conditions it is blackish crimson. It is a constant and profuse bloomer, very vigorous and healthy in growth. No dark red Rose is more useful for summer cut flowers, as it is so double that it produces perfect flowers in the hottest weather. For winter flowers it is rapidly becoming the most valuable variety on the market.

1st size, 50c.; 2d size, 30c.; 3d size, 15c. each. \$4.50, \$3.00 and \$1.50 per doz.

Souvenir de Wootton.

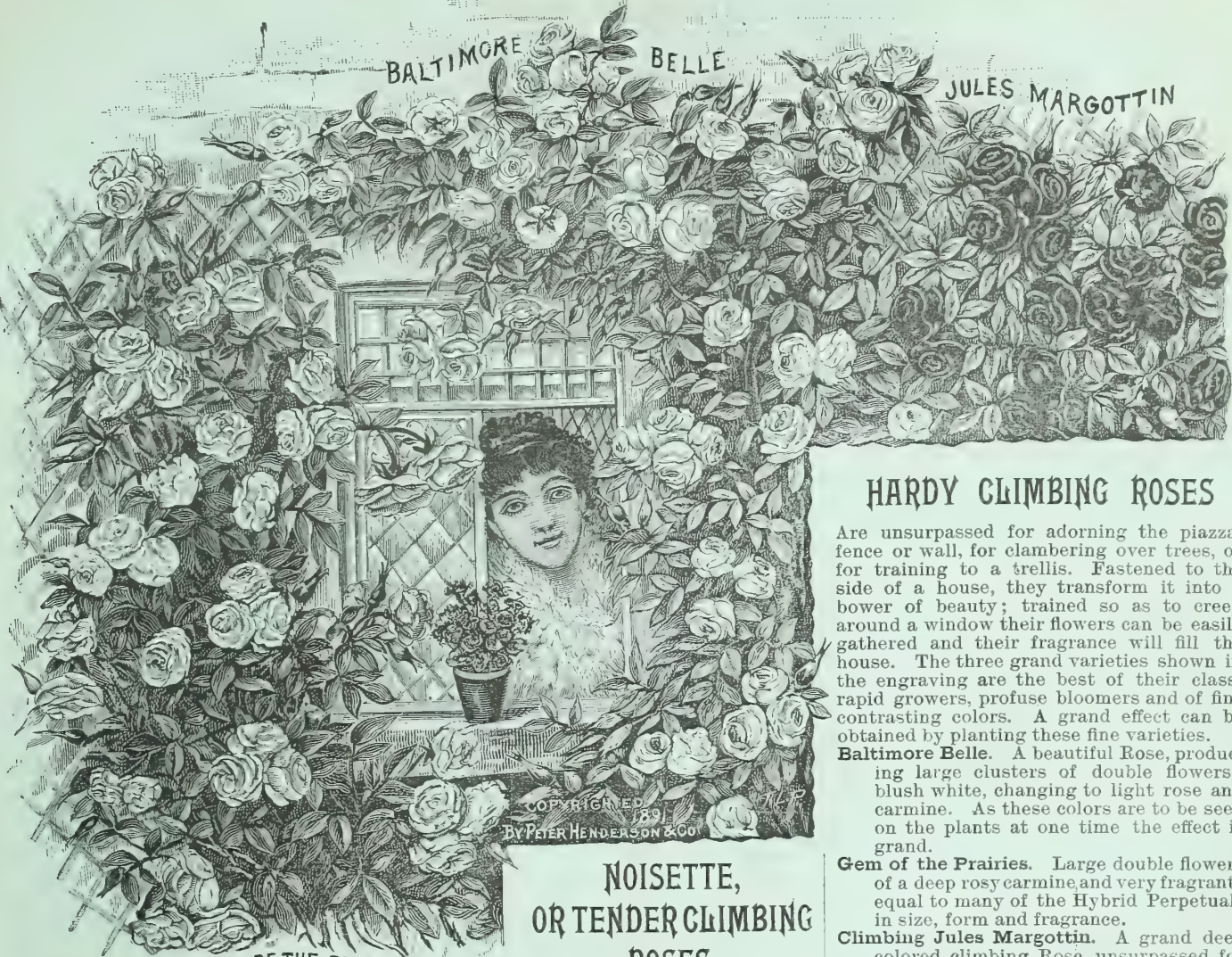
This superb Rose, shown in the accompanying engraving, is unquestionably one of the finest varieties ever introduced for either summer or winter blooming. The color is a beautiful shade of crimson, deliciously fragrant, a constant and most prolific bloomer, every new shoot forming a flower-bud; it retains its color better than any Rose of its class, and is exceedingly vigorous in growth, rendering it one of the most satisfactory Roses for either the amateur or commercial florist to grow. We have tried this for hardiness in the open ground and find it will live out all winter in the latitude of New York City.

1st size, 50c.; 2d size, 30c.; 3d size, 10c. \$4.50, \$3.00 and \$1.00 per doz.



SOUVENIR DE

WOOTTON.



HARDY CLIMBING ROSES

Are unsurpassed for adorning the piazza, fence or wall, for clambering over trees, or for training to a trellis. Fastened to the side of a house, they transform it into a bower of beauty; trained so as to creep around a window their flowers can be easily gathered and their fragrance will fill the house. The three grand varieties shown in the engraving are the best of their class, rapid growers, profuse bloomers and of fine contrasting colors. A grand effect can be obtained by planting these fine varieties.

Baltimore Belle. A beautiful Rose, producing large clusters of double flowers; blush white, changing to light rose and carmine. As these colors are to be seen on the plants at one time the effect is grand.

Gem of the Prairies. Large double flowers of a deep rosy carmine, and very fragrant; equal to many of the Hybrid Perpetuals in size, form and fragrance.

Climbing Jules Margottin. A grand deep colored climbing Rose, unsurpassed for color, form and fragrance; a vigorous grower and profuse bloomer.

Price, extra strong plants, 75c. each.

Set of three varieties named above for \$2.00.

2d size, 60c. each; set of 3 for \$1.50.

Assorted Hardy Climbing Roses.

Anna Maria. Large; rosy pink; a splendid variety.

Triumphant. Deep carmine, large and full; strong vigorous grower.

Prairie Queen. Bright rosy red; a very rapid grower.

1st size, 60c. each; set of 3 for \$1.50.

THE DAMASK ROSE.

(*Rosa Damascena.*)

This is the Rose so largely cultivated in the gardens of the East for the purpose of making Rose-water, Attar of Roses, etc. The flowers are large and very sweetly scented; the plants are vigorous in habit. To this species we owe many of our modern varieties of high order. We have been repeatedly asked for this Rose by our customers, and take pleasure now in offering it. Price, strong plants, \$1.00 each, \$9.00 per dozen.

**NOISSETTE,
OR TENDER CLIMBING
ROSES.**

GEM OF THE PRAIRIES

Grand Roses for the South, where they are entirely hardy. They may be kept outdoors in the North by laying them down and covering with leaves or litter.

Caroline Marniese. Color white, and finely scented.

Claire Carnot. Orange yellow, with peach-blossom centre.

Jas. Sprunt, or "Climbing Agrippina"; deep cherry red.

Mme. Balbiano. Soft rosy blush; very sweet.

Mme. Berrard. Deep carmine; full and double.

1st size, 75 cts. each; \$7.50 per dozen. 2d size, 50 cts. each; \$4.50 per dozen. 3d size, 20 cts. each; \$2.00 per dozen. Set of 12 for \$7.50, \$4.50, or \$2.00, according to size.

Lamarque. Pure white, with lemon-colored centre.

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.

MARÉCHAL NIEL.

The immense size, dark golden yellow color of "Maréchal Niel" is familiar to all. Peerless in color, unexampled for size, perfect in form, after more than a quarter of a century it still remains the ideal climbing Tea Rose. The plants we offer at \$1.50 and upward are extra strong, having vines from 4 to 8 feet long, and will make fine blooming plants for the greenhouse or garden the same season they are planted.

25c., 50c., \$1.50, \$2.00 or \$3.00 each, according to size.

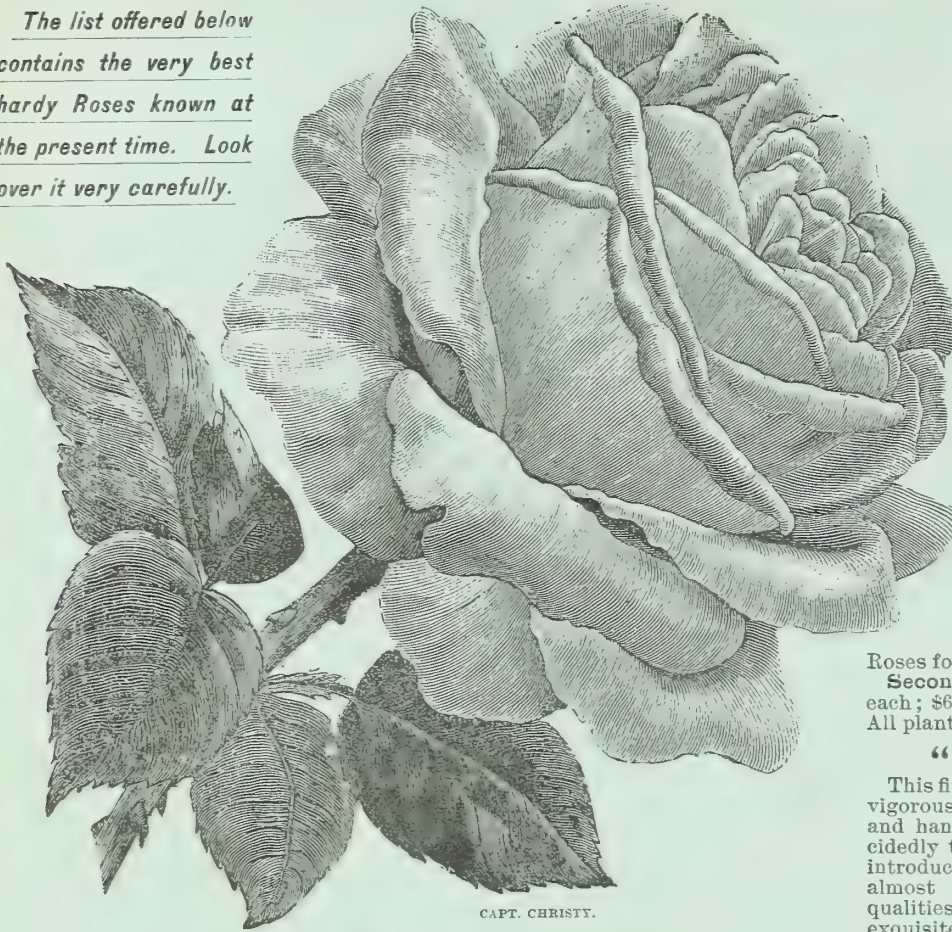
GLOIRE DE DIJON.

Next to M. Niel this is the finest pillar Rose for the greenhouse. Very large, double, rich creamy amber color. Hardy south of Washington. Prices and sizes same as M. Niel—see above.

CLIMBING LA FRANCE.

The most valuable hardy climbing Rose as yet introduced. 1st size, \$2.00 each; 2d size, \$1.00 each; 3d size, 50c. each. For full description and engraving, see page 104.

The list offered below contains the very best hardy Roses known at the present time. Look over it very carefully.



CAPT. CHRISTY.

Extra Large Imported Hardy Roses.

We offer, this season, a grand collection of the finest hardy varieties imported from the most celebrated growers of England and the Continent. They are *extra large strong plants*, growing in 5 and 6 inch pots, and cannot fail to please the most fastidious. These are all budded low on Manetti stock and should be planted deep enough to cover the graft. They are all extra-strong well-ripened plants and will, under ordinary cultivation, produce magnificent flowers. The list contains the best varieties known at the present time.

Alfred Colomb. Carmine crimson, a grand Rose, should be in every collection.

Anna Alexieff. Very pretty shade of rose, large, full and of good habit, fine for massing. A grand Rose for every purpose.

Anna de Diesbach (Gloire de Paris). Rich carmine.

Baron de Bonstetten. Blackish crimson with vivid red shadings.

Baroness Rothschild. An exquisite shade of satiny pink.

Boule de Neige. Pure white, strong grower and free bloomer.

CAPT. CHRISTY. Delicate flesh color, deepening in shade toward the centre; one of the most beautiful of Roses. The foliage is quite distinct. It is very free in flowering and, taken all in all, may be considered one of our best Roses. (See cut.)

Caroline D'Arden. Pure rose, a beautiful color.

Chas. Lefebvre. Deep reddish crimson, large full flowers.

Countess of Oxford. Very profuse; soft, rosy carmine.

Earl of Dufferin. Unquestionably the finest dark reddish crimson Rose in our list. In form and fragrance it is unsurpassed. One of the most prolific bloomers, flowering freely in the fall.

Eugene Verdier. Violet crimson, a superb rose.

Gen. Jacqueminot. Rich crimson. (See also page 111.)

Heinrich Schultheis. Delicate pinkish rose color, very sweet and free blooming.

Jeannie Dickson. Satin rose, long pointed buds, one of the best.

Lady Helen Stewart. Brilliant scarlet crimson, very distinct.

La France. Peach-blossom pink.

Mabel Morrison. Pure white; large flowers.

Mad. Plantier. Pure white.

Magna Charta. Brilliant dark pink, suffused with carmine.

Marie Baumann. Crimson vermilion, suffused carmine.

Marquise de Castellaine. Carmine rose, very pretty.

Merveille de Lyon. Extra large, bluish white.

Mme. Alfred Carriere. Pure white. One of the most reliable Roses for summer blooming.

Mme. Chas. Wood. Very free blooming, bright crimson.

Mme. Gabriel Luizet. Delicate silvery pink; beautiful shape.

MRS. JOHN LAING. Rich satiny pink, delicious fragrance.

Paul Neyron. Flowers five inches across; color, lovely dark pink.

Persian Yellow. Hardy yellow Rose; best of its color. \$1.00 and 75 cts.

Prince Arthur. Deep, glowing crimson, very fine.

Prince Camille de Rohan. Dark crimson maroon, almost black.

Queen of Queens. Pink, with bluish edges; large and full.

Suzanne M. Rodocannachi. Deep pink, wonderfully free blooming.

Ulrich Bruner. Cherry red; a grand Rose, very free blooming.

White Baroness. A counterpart of Baroness Rothschild in everything, except color, which in this variety is pure white.

Prices, except where noted:
Extra Selected Plants, 75c. each; \$7.50 per doz. Collection of 35 grand

Roses for \$20.00.

Second Grade of the above, fine plants, 60c. each; \$6.00 per dozen. Set of 35 sorts for \$15.00. All plants for this season's blooming.

"Gloire de Margottin."

This fine hardy Rose is distinguished alike for its vigorous healthy constitution, freedom of bloom and handsome foliage; but, beyond all it is decidedly the most brilliant *hardy red Rose* as yet introduced. So intense is the color that it might almost be termed a scarlet. Added to these qualities, it has flowers of the largest size and most exquisite fragrance. It will prove hardy everywhere.

Price, 1st size, 75c. each, \$7.50 per doz.; 2d size, 50c. each, \$4.50 per doz.; 3d size, 30c. each, \$3.00 per doz.



GLOIRE DE MARGOTTIN.



BUNCH OF "LA FRANCE" ROSES (greatly reduced).

"LA FRANCE."

We cannot speak too highly 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. It is very free-blooming, every shoot forming a beautiful flower. In addition to this, it is entirely hardy with a slight protection of leaves, and most deliciously fragrant, thus combining in a marked degree all the qualities of a perfect Rose.

1st size (extra fine), 75c. each, \$7.50 per doz.; 2d size, 30c. each, \$3.00 per doz.; 3d size, 10c. each, \$1.00 per doz.

MRS. JOHN LAING.

This is, we believe, the finest hardy Rose of its color ever offered. It is an exquisite shade of shell-like pink, deliciously fragrant, of the largest size, and, like the "Dinsmore," is entirely hardy and ever-blooming. No collection of Roses is complete if it does not contain Mrs. John Laing.

Price, 1st size, 75c. each, \$7.50 per doz.; 2d size, 50c. each, \$5.00 per doz.; 3d size, 30c. each, \$3.00 per doz.

DWARF BEDDING ROSES.

Polyantha or Multiflora Class.

A class of Roses of much value for bedding purposes, as they form a mass of bloom. They are of dwarf habit, and are continuously in flower during the entire season. They bloom in numerous clusters of from 25 to 100 flowers in each cluster, the single flowers being about 1½ inches across. These Polyantha Roses are hardy in this latitude with slight protection. They are particularly valuable for planting on the borders of beds of taller growing sorts, or on the edge of "foliage" beds, as they are constantly in bloom, and rarely attain more than 10 or 12 inches in height. They are also largely used for borders in cemetery plots, their neat and tasteful appearance commanding attention at first sight.

- Mignonette.** Dark pink; grand Rose for cemeteries.
- Paquerette.** Pure white; hardy; same as above, except color.
- Mme. Cecil Bruner.** Delicate rose color; a pretty shade.
- Anna Marie Montravel.** Beautiful white; fine form.
- Perle d'Or.** Saffron yellow, tinged copper color; profuse.
- Miniature.** Light pink, changing to white.
- Golden Fairy.** Golden color; dwarf habit.
- Little Dot.** Delicate flesh pink, changing to white.

George Pernet. This variety is somewhat in advance of the others in this class. Color, bright pink with coppery yellow at the base of the petals. 1st size, 50c. each, \$4.50 per doz.; 2d size, 10c. each, \$1.00 per doz.

Set of 9 Dwarf Bedding Roses, 1st size, \$3.50; set of 9 Dwarf Bedding Roses, 2d size, 75c.

AUGUSTINE GUINOISSEAU ("White La France").

A "sport" from that fine hardy Rose, "La France," and similar to it in every respect, excepting color, which, in this new sort, is a unique shade of flesh white, hence its title of "White La France." On account of its great freedom of bloom, delicious fragrance and hardiness, it has become very popular. For cemeteries it is unequalled. Price, 1st size, 75c. each; 2d size, 50c. each, \$4.50 per doz.; 3d size, 20c. each, \$2.00 per doz.

ROSA RUGOSA (Japan Rose).

It forms a sturdy bush 4 to 5 feet high, covered with large, dark green, glossy foliage, crowned with terminal clusters of ten to twenty flowers, three inches in diameter. Its large handsome scarlet fruit is most showy during the autumn months. Excellent for cemeteries.

Rosa Rugosa Alba. The white flowered variety.

Rosa Rugosa Rubra. The red variety.

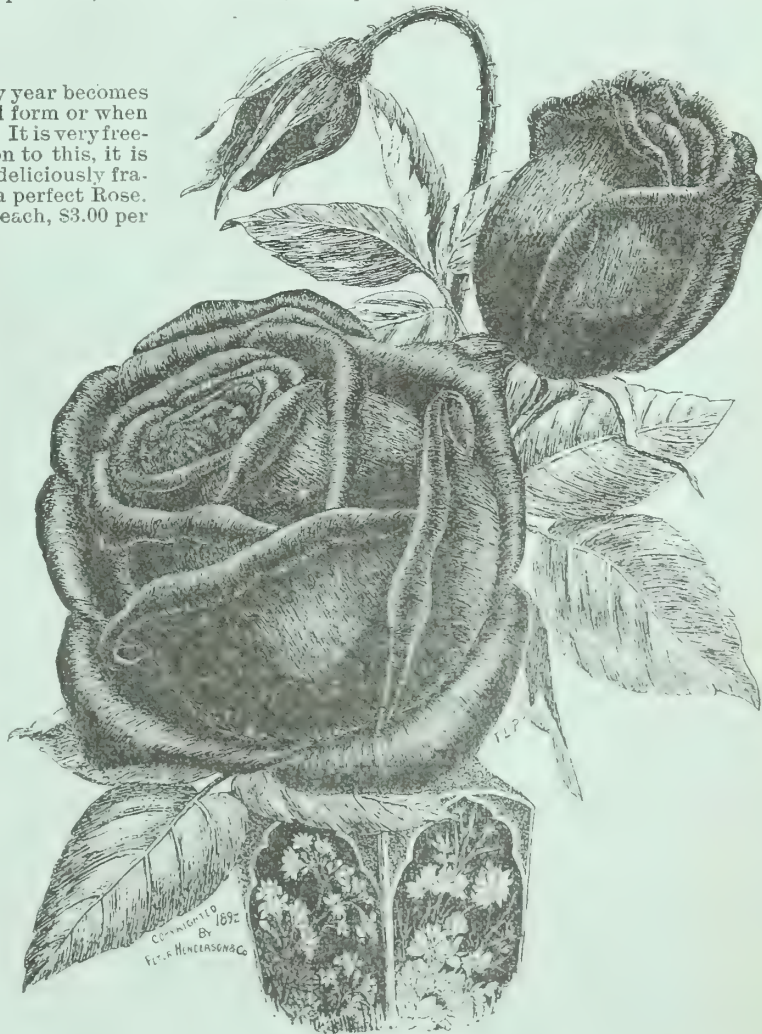
Price, 60c. each, \$6.00 per doz., fine plants. Set of two Rugosa Roses for \$1.00.

Rosa Rugosa, "Souvenir de Yeddo," foliage equal to the above, flowers semi-double, larger and finer. 50c. each.

"GEN. JACQUEMINOT."

Now known everywhere. The best, perhaps, of all Roses of the Hybrid Perpetual class. Hundreds of thousands of feet of glass are exclusively devoted to this one variety. The buds, in midwinter, 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, 75c. each, \$7.50 per doz.; 1st size, 50c. each, \$4.50 per doz.; 2d size, 30c. each, \$3.00 per doz.; 3d size, 15c. each, \$1.50 per doz.



GEN. JACQUEMINOT.

SPECIAL LOW OFFER.—15 Monthly or 10 Hardy Roses for \$1.00. This offer is made specially for the benefit of our customers who live far from express offices and usually get plants by mail. At this low rate the selection of varieties must be left entirely to us when the order is filled, and we cannot supply a schedule of sorts beforehand. Leaving the selection to us allows us to send very frequently new and scarce sorts which may be in a surplus with us. If wanted by express, buyer to pay charges, we can send larger and finer plants and will leave all the soil on the roots. If desired, will send 7 Monthly and 5 Hardy Roses for \$1.00.

HARDY ROSES. General Collection.



PERSIAN YELLOW. (½ natural size.)

HARDY YELLOW ROSE, "PERSIAN YELLOW."

Dark golden yellow. The best variety of its color; entirely hardy. (See cut.) Fine large plants, \$1.00 each; 2d size, 75c. each.

TRUE ENGLISH SWEET BRIER.

Valuable for the refreshing fragrance of its leaves. Price, 30 cts. each, \$3.00 per dozen.

EVER-BLOOMING MOSS ROSES. ENTIRELY HARDY.

This class of Moss Roses is quite different from the regular Mosses, which only bloom once. These varieties flower very freely in June, blooming again in the fall.

James Veitch. Deep crimson.

Little Gem. A veritable gem; dwarf, compact habit; flowers very heavily mossed; color, bright crimson.

Perpetual White. White, blooming in clusters.
75c. each; set 3 for \$2.00.

THE OLD CABBAGE ROSE.

We take pleasure in offering fine plants of the true Red Provence Rose, better and more favorably known under its vernacular title of "Cabbage Rose"; large fragrant flowers, and perfectly hardy; an excellent Rose for cemeteries. Price, 60 cents each.

MADAME PLANTIER.

This grand old variety is second only to "Gen. Jacqueminot" in general usefulness. As a cemetery Rose it is still without a rival. The flowers are borne in the greatest profusion, and are of the purest white. Hardy as an oak and certain to grow as grass, it is not to be wondered at that it still holds its own against all comers. Price, strong plants for this season's blooming, 50 cents each, \$4.50 per dozen.

- A. K. Williams.** Carmine red, changing to magenta.
- Alfred Colomb.** Very large and globular; clear, bright cherry.
- Achille Gounod.** Bright carmine; full and double.
- Auguste Mie.** Clear, bright pink; large and finely cupped.
- Baronne Provost.** Beautiful, bright rose, shaded crimson.
- Cardinal Patrizzi.** Brilliant scarlet; good habit.
- Constantin Tretiakoff.** Rosy crimson; large and sweet.
- Dr. Lindley.** Magnificent, dark crimson maroon; extra fine.
- Dr. Baillon.** Dark purple, shaded crimson; sweet fragrance.
- Duchesse de Vallobrosa.** 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.
- Duplessis Morney.** Bright crimson.
- Eugene Sue.** Bright vermilion.
- Fisher Holmes.** Finely shaped buds of intense dark crimson color.
- Gen. Forney.** Color, clear cherry red.
- Gen. Washington.** Dark, vivid crimson.
- 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.
- La Reine.** Beautiful clear bright rose; very large.
- Marquise de Ligneris.** Bright rose; richly perfumed.
- Mme. Isaac Perrier.** Full and double; brilliant crimson.
- Mme. C. d'Islay.** Bright rose blush; fragrant.
- Mme. Laffay.** Beautiful transparent rose; large.
- Mme. Plantier.** A perfectly hardy, pure white double Rose.
- Mount Carmel.** Bright carmine; full and fragrant.



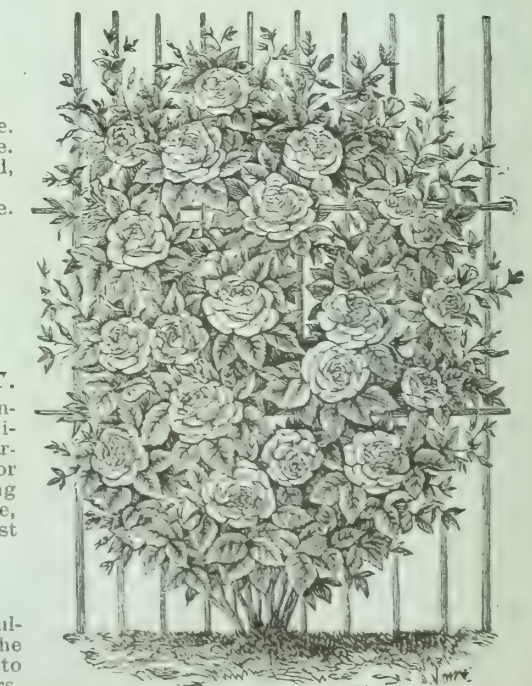
MOSS ROSE

HARDY MOSS ROSES. (GENERAL COLLECTION.)

- Capt. Ingraham.** Brilliant carmine.
 - Comtesse de Murinais.** Pure white.
 - Crested Moss.** Deep pink, crested, first size only.
 - English.** The Red English Moss Rose.
 - Henry Martin.** Fine bright pink.
 - Hortense Vernet.** Rosy carmine.
 - Luxembourg.** Crimson scarlet.
 - White Bath.** Pure white.
- | | | |
|-----------|------------|-----------------|
| 1st size, | 75c. each; | \$5.00 per set. |
| 2d " | 50c. " | 3.50 " |
| 3d " | 30c. " | 2.00 " |

Mme. GEORGES BRUANT.

This new ever-blooming rose inherits the beautiful foliage and hardiness of the "Rugosa," with the flowering qualities of the Tea class. Color pure white, very fragrant, buds long and pointed. It is hardy everywhere, and is now very popular. Price, 1st size, 75c. each, \$7.50 per doz.



MADAME PLANTIER. (The finest white Rose for cemeteries.)

1st size,	50 cts. each;	set 40 varieties,	\$15.00.
2d "	30 "	" 40 "	10 00.
3d "	15 "	" 40 "	5.00.



THE SUNSHINE COLLECTION.

ON THIS PAGE WE SHOW IN COLORS FOUR ROSES, EACH THE BEST TYPE OF THE CLASS TO WHICH IT BELONGS. WE ALSO SHOW IN COLORS ON THE TWO SUCCEEDING PAGES OTHER FINE VARIETIES, AND GROUP ALL IN ONE LOW OFFER ON THE SECOND PAGE FROM THIS.

No. 1. CLOTHILDE SOUPERT. A valuable Rose for all purposes, equally at home in the garden, green house or dwelling house. The coloring is unique. It is classed as a "Polyantha Hybrid," and is not entirely hardy, though it may be allowed to remain out doors in winter with protection. Price, 1st size, 50 cents each; 2d size, 30 cents each; 3d size, 15 cents each.

No. 2. DINSMORE. This grand dark red rose is entirely hardy and ever blooming, unquestionably the finest in its class or color. This Rose, since we first issued it, has been growing steadily in popularity. Price, first size, 75 cents each; 2d size, 50 cents each; 3d size, 30 cents each.

No. 3. MOSS ROSE—"OLD ENGLISH." No collection of Roses is complete without a Moss Rose, and as the "Old English" is conceded to be the best type, we include it here. Price, 1st size, 75 cents each; 2d size, 50 cents each; 3d size, 30 cents each.

No. 4. MADAME HOSTE. A Tea Rose of the highest merit. Vigorous grower and free blooming; it may be taken up in the fall and had in bloom in the house during the winter. Not hardy without protection in northern States. Price, 1st size, 50 cents each; 2d size, 30 cents each; 3d size, 15 cents each. Or,

THE "SUNSHINE" COLLECTION OF FOUR ROSES,

Price, 1st size, set of four for \$2.00
" 2d " " " 1.50
" 3d " " " .75

See offer of 12 Varieties on second page from this.



THE
"GARDEN"
COLLECTION.

A QUARTETTE OF POPULAR ROSES FOR THE GARDEN,
EVER-BLOOMING AND BEAUTIFUL.

No. 1. MRS. DEGRAW. Perfectly hardy and ever-blooming; a strong, vigorous grower. Worthy of a place in every collection. Price, 1st size, 50 cents each; 2d size, 30 cents each; 3d size, 15 cents each.

No. 2. SOUVENIR DE WOOTTON. Of equal value for summer or winter blooming. It is a Hybrid Tea, and has proven to be hardy in the latitude of New York. Price, 1st size, 50 cents each; 2d size, 30 cents each; 3d size, 15 cents each.

No. 3. SUNSET. The glorious tints of orange and yellow in this rose suggested its name. Introduced by us in 1884, it is yet without a peer in its class and color. Price, 1st size, 50 cents each; 2d size, 30 cents each; 3d size, 15 cents each.

No. 4. SUMMER QUEEN. A perfectly hardy Rose, and the most prolific in our experience, small plants a few inches high being covered with flowers. As many as 1,200 flowers have been cut from a single well established plant. We offered this rose for the first time last year, and our customers in various sections report wonderful results from it. Price, 1st size, 75 cents each; second size, 50 cents each; 3d size, 30 cents each; or

THE GARDEN COLLECTION OF FOUR ROSES.

Price, 1st size, set of four, for	\$2.00
" 2d " " "	1.25
" 3d " " "	.60

(See top of next page for our Grand Combination offer of twelve roses.)



GRAND COMBINATION OFFER.

The "Sunshine," "Garden," and "Novelty" Collections of Roses shown in colors on this and two preceding pages, at the following reductions:

1st size,	\$5.00	(12 plants in all).
2d "	3.50	" " "
3d "	2.00	" " "

2

3

4

THE "NOVELTY" COLLECTION.

No. 1. "EARL OF DUFFERIN." A grand hardy Rose of its introduction, blackish crimson, shaded violet. Price, 1st size, \$5.00 each; 2d size, 50 cents each; 3d size, 30 cents each.

No. 2. THE QUEEN. A fine garden Rose, pure white, exquisitely formed buds and flowers, habit free and vigorous, not hardy without protection. Price, 1st size, 50 cents each; 2d size, 30 cents each; 3d size, 15 cents each.

No. 3. CAPRICE. A hardy Rose, bright carmine, striped with light rose; unlike most others of this class, "Caprice" is nearly always beautifully striped. Price, 1st size, 75 cents each; 2d size, 50 cents each; 3d size, 30 cents each.

No. 4. MAD. PIERRE GUILLOT. A charming tea rose, unique in its brilliant combination of colors. It is free blooming and of vigorous habit, equally valuable for summer or winter. Hardy without protection in northern States. Price, 1st size, 50 cents each; 2d size, 30 cents each; 3d size, 15 cents each. For price of collection see top of page.

3 "NOVELTY" COLLECTION OF FOUR ROSES.

Price 1st size, set of four	\$2.00
" 2d " " "	1.50
" 3d " " "	.75



THE
"GARDEN"
COLLECTION

A QUARTETTE OF POPULAR ROSES FOR THE GARDEN,
EVER-BLOOMING AND BEAUTIFUL.

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No. 2. SOUVENIR DE WOOTTON. Of equal value for summer or winter blooming. It is a Hybrid Tea, and has proven itself hardy in the latitude of New York. Price, 1st size, 50 cents each; 2d size, 30 cents each; 3d size, 15 cents each.

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THE GARDEN COLLECTION OF FOUR ROSES.

Price, 1st size, set. of four, for	\$2.00
" 2d " " " "	1.25
" 3d " " " "	.60

(See top of next page for our Grand Combination offer of twelve roses.)



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1st size,	\$5.00	(12 plants in all).
2d "	3.50	" " "
3d "	2.00	" " "

THE "NOVELTY" COLLECTION.

No. 1. "EARL OF DUFFERIN." A grand hardy Rose of recent introduction, blackish crimson, shaded violet. Price, 1st size, 75 cents each; 2d size, 50 cents each; 3d size, 30 cents each.

No. 2. THE QUEEN. A fine garden Rose, pure white, exquisitely formed buds and flowers, habit free and vigorous, not hardy without protection. Price, 1st size, 50 cents each; 2d size, 30 cents each; 3d size, 15 cents each.

No. 3. CAPRICE. A hardy Rose, bright carmine, striped white and light rose; unlike most others of this class, "Caprice" is nearly always beautifully striped. Price, 1st size, 75 cents each; 2d size, 50 cents each; 3d size, 30 cents each.

No. 4. MAD. PIERRE GUILLOT. A charming tea rose, unique in its brilliant combination of colors. It is free blooming and of vigorous habit, equally valuable for summer or winter. Not hardy without protection in northern States. Price, 1st size, 50 cents each; 2d size, 30 cents each; 3d size, 15 cents each. For price of collection see top of page.

THE "NOVELTY" COLLECTION OF FOUR ROSES.

Price 1st size, set of four	\$2.00
" 2d " " "	1.50
" 3d " " "	.75

GOOD GRACIOUS

GETTYSBURGH



GOLDEN WEDDING

THE THREE
CHRYSANTHEMUM
GEMS
FOR 1893.

Price 40¢ each
Set of three
GEMS
For \$1.00

For full Description
see opposite page

THE COLORED PLATE OPPOSITE
SHOWS

THREE ❖ CHRYSANTHEMUMS

(ABOUT TWO-THIRDS NATURAL SIZE)

THE GEMS FOR 1893.

GOLDEN WEDDING, The Great Prize-winner.

GOOD GRACIOUS, The Wonderful Pink Variety.

GETTYSBURGH, The Brilliant Crimson Sort.

THESE grand varieties are the acme of perfection, combining wonderful size with remarkable vigor and splendid form. Each stands supreme in its color. It is difficult to imagine anything more perfect than these, and never have such sterling sorts been offered so low upon their first introduction, **Golden Wedding** alone being worth the price charged for the entire collection. This grand variety has been awarded the highest honors wherever exhibited. When first shown in Philadelphia, in the fall of 1891, it was given a silver medal; exhibited there the past season the judges unanimously pronounced it the finest yellow in existence. At the exhibition in Madison Square Garden, New York, it was awarded the **Silver Cup** offered by "Garden and Forest" for the best vase of six flowers. It was awarded the **Silver Cup** offered by Mrs. W. Bayard Cutting for the best vase of fifty flowers, and it won **First Prize** in the special competition for the best vase of yellow. This is certainly a most wonderful record.

Good Gracious is also a medal-winner, having obtained that honor in Philadelphia in the fall of 1891. **Gettysburgh**, the grand crimson scarlet variety, is fit to rank with the above, not only on account of its size, but because of its brilliant color. For full detailed descriptions, see below.



GOLDEN WEDDING.

This is the grand golden yellow variety shown in the *Colored Plate*. Nothing can exceed the richness of its color; it is unrivaled in this respect. It is a remarkably vigorous grower and has such strength of stem that it carries its great globular flowers erect, giving it a bold majestic appearance. The form of *Golden Wedding* is unique; the outer petals droop downward in picturesque irregularity, the centre of the flower is built high, with broad petals irregularly overlaid, so that although the flowers are so large they are not heavy, solid-looking like many others. For this reason alone, it will, no doubt, supersede all other yellow varieties with the public. Price, 40c. each, \$4.50 per doz. (Ready March 1st.)

GETTYSBURGH.

This is the deep crimson variety shown on the *Colored Plate*, and excels in its color as **Golden Wedding** does in yellow. It originated as a "sport" from "Omar" in our grounds, and has been on trial for two years. The *Colored Plate* does not do full justice to the deep rich crimson which in the flower itself is soft and velvety-like. The outer petals are broad and drooping, and have a lustrous sheen in the sunlight. The form is flat with drooping outer petals, which gives it a very graceful appearance. This is the popular form, and, combined with the splendid color, stamps *Gettysburgh* as a Chrysanthemum of rare merit. Price, 40c. each, \$4.00 per doz. (Ready March 1st.)

GOOD GRACIOUS.

Another introduction from Japan, and so remarkable for size as to suggest its name; the first sight of it usually brings forth an exclamation of admiration. The color also is unique, being a delicate shade of peach pink throughout. The form is remarkable, the petals are incurved and twisted, overlapping each other in irregular fashion, and resembling talons. Of all the splendid varieties introduced from Japan this is perhaps the most remarkable for size, form and color, and stands alone in its unique beauty, there being nothing at all approaching it. Price, 40c. each, \$4.00 per doz. (Ready March 1st.)

SPECIAL OFFER.—As an inducement to our customers to procure these grand varieties, we combine the three in one collection of the "Three Chrysanthemum Gems for 1893" for the low price of \$1.00 for three plants. (Ready March 1st.)

September Flowering Chrysanthemums.

The illustration below shows an entirely new race of Japanese Chrysanthemums, invaluable on account of their early flowering. We are indebted to M. Delaux, of France, for this new departure, and it is doubtful if any more valuable acquisition has been secured in the long annals of successful hybridization. Out of over 100 sorts which we tested we have selected those named below as the most desirable; they embrace, as will be seen, the most desirable colors. Hitherto the great objection to Chrysanthemums in our Northern States was that the frost destroyed most of the flowers before coming to maturity, but now this difficulty is overcome, and this grand advance must surely give an impetus to Chrysanthemum culture hitherto unknown. Below we append a list of varieties, with descriptions.

Albert Thausson. Golden yellow, blazed and lined with deep crimson.

Mme. A. Thiebault de la Croure. Carmine purple, centre gold color.

Mme. E. Bellan. Ground color silvery white and light rose, centre deep cream color.

M. Lemaille. Color, dregs of wine, centre golden chamois—a new color.

Alfred de Montebello. Petals recurved, outlined in cork-screw; silvery white with tinge of rose, centre largely gold color.

R. du Mesnil de Montchauveau. Open tubular petals, beautiful violet and amaranth purple.

Mme. Leon Itasse. Brilliant yellow, blazed with brick red and light flame; reverse gold.

Mlle. Germaine Cassagneau. Lilac rose, shaded with white; centre gold color.

Baron Veillard. Brilliant yellow, each petal outlined in rosy crimson. Unique and splendid.

M. E. Vaucher. Beautiful rosy wine color, marked with glossy white, large orange centre.

De Agala. Rose color, flecked with white, centre golden yellow.

Mme. P. Jung. Canary yellow, irregularly blazed and lined with red; each petal outlined with carmine.



New September Flowering Chrysanthemums.

Camille Bernardin. Amaranth violet and brilliant carmine, lightened with white.

M. Maxime de la Rocheterie. This variety obtained a first-class certificate in London. The outer petals recurved; flowers very large, disheveled and curled; brilliant orange with yellow centre, shaded rosy crimson.

Vice-President Hardy. Flower exceptionally large, brilliant yellowish gold, bordered with rosy crimson violet.

Mme. Louis Lionnet. Silvery white, richly tinged with rose; centre old gold.

Charles Joly. Beautiful violet rose, centre gold.

M. Zephir Lionnet. Petals long, recurved and curled; color violet rose and purple, shaded silvery white; centre spiral.

Marquise de Montmort. Glossy rose and silvery white.

Mme. Gastellier. Pure white, a large fluffy flower, double to the centre, one of the earliest to bloom, and one of the most showy varieties in the list.

Mons. Louis Lionnet. A beautiful shade of peach pink with silvery white centre, long drooping petals, full double flower; a very fine variety.

Price for any of the above, 30 cts. each.

SPECIAL OFFER.
Set of 21 new September Flowering Chrysanthemums for
\$5.00.

Seeds of the above (mixed colors only), 25c. per pkt. (See page 66.)

NEWER CHRYSANTHEMUMS.

The varieties named below we have selected after a complete trial as the best of last year's introductions.

G. W. Childs. One of the best varieties of last year's introductions; color deep velvety crimson. Large flat flower with drooping outer petals.

El Dorado. Clear golden yellow, very dwarf and compact growth. An early flowering variety and very valuable for cut flowers.

Harry May. Deep old gold, with occasional veins of red; petals very broad and thick, spoon-shaped.

Miss Ada McVicker. A plant of strong habit, producing immense creamy white flowers with broad, thick, reflexed petals. A grand variety, and one of the best for all purposes.

Mr. Hicks Arnold. Large, full double flowers of an old gold color, lighting up wonderfully by artificial light.

Miss Annie Manda. Flower perfectly double, incurved, of the purest white. The petals are studded with a soft feathery growth like Mrs. Alpheus Hardy.

Mrs. E. D. Adams. Flower very large; petals of medium width, very long, twisted, the outer ones whirled; color pure white.

O. P. Bassett. A grand crimson variety, lighted up with scarlet, large solid flower; one of the very largest in its class.

Roslyn. A superb, clear, Mermet rose pink, petals thick and heavy, cup-shaped, solid to the centre, immense in size, having

been exhibited eleven inches across, habit the best, stems stiff and erect, foliage luxuriant, the best pink in commerce. Price for any of the foregoing, 35c. each; set of 9 for \$3.00.

New Seedlings of 1892.

We offer below seedlings of our own raising, which were selected from among hundreds which we had on trial.

Autocrat. Deep yellow, fine globular form, large flowers. A strong grower, with stiff stems. Early, and promises to be very valuable for cut flowers.

Grenadier. Deep brilliant red, reverse of petals old gold, large globular flower with reflexed outer petals.

Mark Twain. Chrome yellow and cinnabar red, a striking combination of colors.

Nankin. Sulphur yellow, shading to creamy white at the margin of the flower. The petals are long and silky. A unique and attractive variety.

Polo. A very curious variety, long petals with crooked ends, like a polo stick.

The Tiger. A grand incurved variety, old gold and deep red.

Sun God. One of the largest varieties as yet offered. Flowers of the largest size, with broad, bold petals. Color deep yellow, slightly marked with rich bronze.

Price for any of the above, 50c. each; set of seven sorts for \$3.00.



SPOTTED CHRYSANTHEMUM, "LEOPARD."

The ground color is a deep shade of carmine, irregularly splashed and spotted with pure white, entirely different from anything else. It is of full average size, graceful form, and has the great advantage of being one of the latest flowering kinds. 15c. each, \$1.50 per doz.

The "Ostrich Plume" Section.

The title of "Ostrich Plume" was applied by us to the first of this new type of the Chrysanthemum (Mrs. Alpheus Hardy) to distinguish it for all time from those previously known, but more particularly to direct attention to the soft feathery growth with which the flowers are thickly studded, forming so striking a resemblance to an Ostrich Plume that this title was instantly suggested to us when we first saw it.

Mrs. Alpheus Hardy. Purest white and exceptionally large and well formed when properly grown. The blooms of this variety with which we took first prize at Madison Square Garden, New York, were a revelation.

Louis Boehmer. This is identical in its strange and beautiful formation with the above variety, but its color is an exquisite shade of silvery pink, with deep rose on the inside of the petals; it is of vigorous constitution, being one of the strongest growing varieties we have, so that it is certain to produce perfect flowers under the most ordinary cultivation.

Patrick Barry. A pure yellow "Ostrich Plume" variety and fit to rank with the others in this section.

Miss Annie Manda. Pure white. For full description, see page 117.

Wm. Falconer. This grand variety is a "sport" from "Louis Boehmer," and it partakes of all the good qualities found in that excellent variety. The color is an exquisite shade of rosy blush, changing to a delicate flesh pink as the flowers advance in age. The delicacy of tinting is without a parallel in any class of flowers within our knowledge. The soft, feathery growth peculiar to the "Ostrich Plume" class is even more pronounced than in any of its predecessors, and in this variety it has an additional charm. The flowers are of the largest size, and are borne on strong, vigorous stalks. The growth of the plant is all that could be desired. (See cut.)

Price, for any of the above, 25c. each; set of five "Ostrich Plume" varieties for \$1.00.

American Seedlings

Introduced by us last year, and now offered at greatly reduced prices.

David Rose. Rosy claret, edged with silvery white, large handsome blooms. Awarded a certificate of merit at Philadelphia.

ELLA MAY. Primrose yellow, apricot centre, extra large and fine. Awarded a silver medal at Philadelphia. (See cut.)

Evening Glow. A strikingly beautiful variety, deep yellow in the centre, with rich bronze red shadings toward the ends of the petals, very like the rich coloring of a brilliant sunset.

Faultless. Deep golden yellow, extra large and full, quilled petals. In color and form it is unequaled; some of the flowers measured over eleven inches in diameter.

Goldfinch. In this variety we have a richness of color rarely seen, a deep, intense crimson on the upper surface of the petals—the reverse being a light bronze, making a pleasing contrast.

Indian Chief. In sharp contrast to the above is this variety; here the coloring is a vivid, strong crimson; the flower is equally large, but stronger and bolder, loosely incurved and decidedly Japanese in outline.

Julius Roehrs. A rich shade of violet rose, the reverse of the petals silvery pink; a unique and charming contrast. Flowers of the largest size and of the popular incurved type. Awarded a certificate of merit at Philadelphia.

Majesty. Deep, glowing red; in form it is similar to Cullingfordii, but larger and finer; the coloring is even more intense than that fine sort.

Mrs. F. Schuchardt. A charming variety, which, like all in this collection, is of the largest size. The coloring is exquisite; the centre of the flowers is creamy white, the ends of the petals tinted delicate rose, a pronounced improvement on this type.

Mrs. I. Forsterman. A magnificent extra large, snowy white variety of the Japanese incurved type. A superb grower and free bloomer.

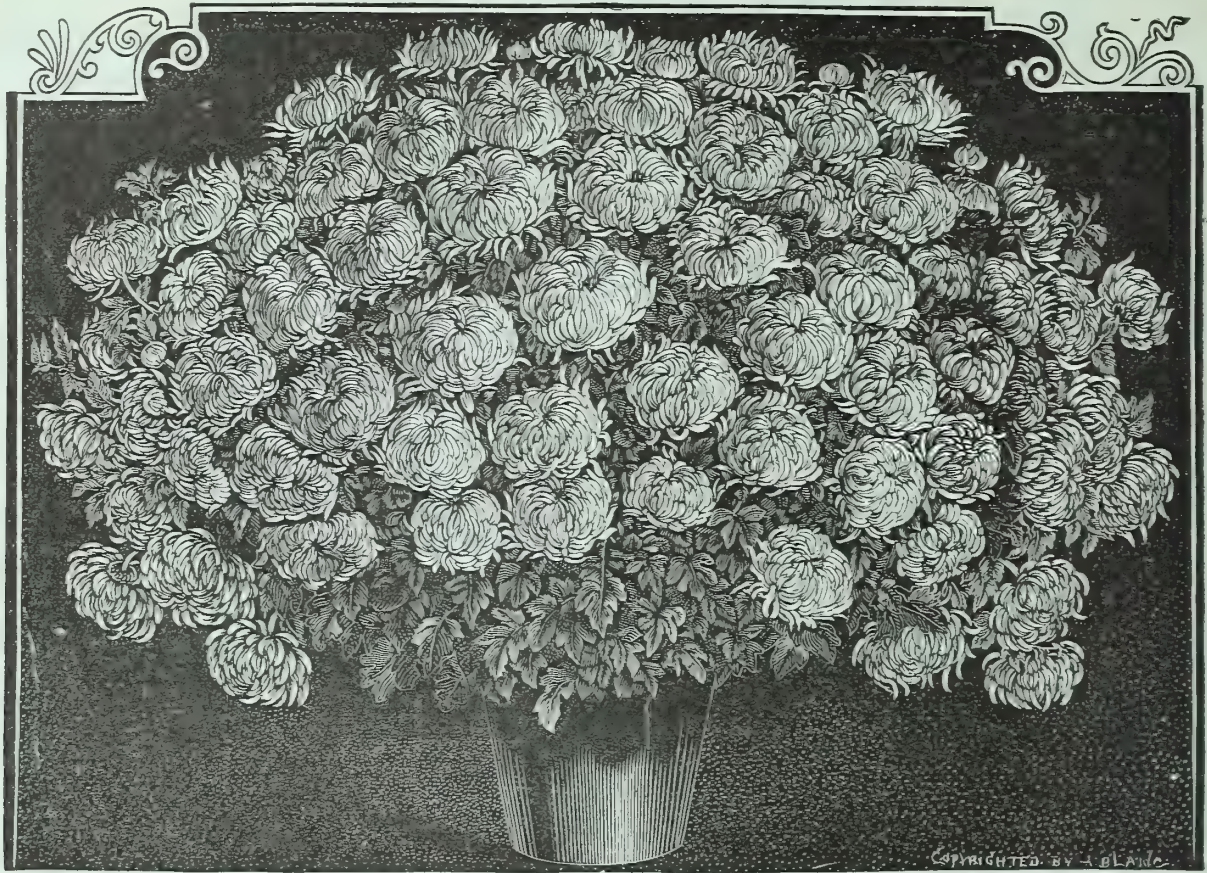
Popularity. A delicate shade of flesh pink, of fine incurved form, large and handsome. The ends of the petals are cut so as to resemble a stag's antlers in outline.

Surprise. A unique shade of bronze red, bold, handsome flowers of the largest size and fine globular form. A variety which is sure to find numerous admirers.

Price, 25c. each; set of 12 for \$2.50.



(Flower 1/2 natural size.)



"SPECIMEN" PLANT, CHRYSANTHEMUM, "IVORY," GROWN FOR EXHIBITION.

EXHIBITION COLLECTION.

This collection, as its name implies, is made up of such sorts as are generally grown for exhibition purposes, and embraces nearly every shade of color and variety of form known in the Chrysanthemum. We have remodeled this collection by the addition of some of the very best sorts extant, replacing some of the less attractive varieties, and have included in it our **Newer Varieties** of last year, offering them now at *greatly reduced prices*. This collection of Chrysanthemums as now offered will be sure to give satisfaction to purchasers.

Advance. A beautiful shade of rosy pink; flowers of the largest size and very double. A decided acquisition, and equally valuable for the exhibition table or cut flowers.

Bohemia. Deep rich red; large, splendid flower.

Bride of Roses. An exquisite shade of rosy pink, of perfect form.

Cashmere. Base of petals light crimson, upper part rich amber; a novel and distinct variety. See engraving heading our list of Chrysanthemums on page 117.

Chas. Pratt. Porcelain pink, with maroon markings.

Dawn. Delicate rosy blush; flowers of the largest size.

Domination. Large, splendid, white, fine fluffy flower.

Edwin Molyneux. Rich mahogany crimson; reverse of petals golden; broad petals, very large flower; a grand sort.

E. G. Hill. Deep golden yellow, with bronze shadings.

Elaine. Snow-white; very early; splendid.

Etoile de Lyon. White, striped rose, purple or violet, the markings being variable.

Excellent. An exquisite shade of delicate shell-like pink, large, finely formed flowers, gracefully drooping and double to the centre.

Grove P. Rawson. Deep buff, orange markings.

G. F. Moseman. One of the largest-flowered varieties, often measuring nine inches across. Incurved petals, bright Indian red inside and buff on the outside.

Harry E. Widener. Large, grand yellow; one of the finest for exhibition purposes.

IVORY. Pure white; a splendid free-flowering variety. The above illustration gives a good idea of this grand sort. It is doubtful if any other Chrysanthemum unites in such marked degree the many excellent qualities of **Ivory**. Size, habit, color and growth are superb.

Jessica. Splendid, white, large flat flower; very early.

John Lane. Deep rosy pink. One of the best.

John Welch. Dark crimson maroon; loosely formed, graceful flower.

Lord Byron. Deep reddish crimson, tipped old gold.

Lillian B. Bird. Beautiful light pink; extra fine.

L. Canning. Clear white; large flat flower.

Mermaid. Large; soft pink; a grand exhibition variety.

M. R. Bahuant. Carmine rose, shaded cerise; a grand variety.

Miss Minnie Wanamaker. Large, clear white; very fine.

Miss Mary Wheeler. Large, perfectly formed flower; white.

Mlle. Marie Hoste. Creamy white, striped amaranth.

Mrs. Frank Thompson. A beautifully incurved variety of immense size, often measuring over eight inches in diameter. Color, bronzy carmine; reverse of petals creamy white.

Mrs. C. H. Wheeler. Old gold and crimson; decidedly Japanese.

Mrs. Humphreys. Pure white; a grand variety.

Mrs. Bowen. This is a variety of rare beauty, in its charming contrast of old gold and reddish crimson.

Mrs. Chas. Dissell. Extra large flower, pink and white.

Mrs. Irving Clarke. Splendid, large, soft pink.

Mr. H. Waterer. Deep yellow, base of petals deep apricot.

Pietro-Diaz. Brilliant crimson; large double flowers; a gem.

Robert Bottomley. Large, pure white, irregularly twisted and incurved; splendid for exhibition purposes.

Rose Queen. Beautiful shade of carmine rose.

Rohallion. Clear yellow, large, finely formed flower.

Robert Cannell. A variety of great merit, awarded two certificates in England. Color, bronze red, under petals gold colored.

Sylphide. Chrome yellow, lightly marked with chestnut.

Violet Rose. A grand variety for every purpose. Form and habit superb; color, deep violet rose.

W. H. Lincoln. Bright yellow; large, splendid flower.

Price, 20c. each. Set of 42 Exhibition Varieties for \$6.00.

Second Early Collection.

OCTOBER FLOWERING.

Although all of the Chrysanthemums are early enough to perfect their flowers in the open ground south of Baltimore, yet in the vicinity of New York and further north many of the late kinds sometimes do not; hence we name this Early Collection, for the benefit, particularly, of residents of extreme Northern States.

- Beaute des Jardins.** Splendid deep purple.
- Belle Paule.** Soft white, tipped light rose.
- Bouquet Nationale.** Pure white, tinted lemon.
- Chas. Delmas.** Brick red, with fiery shading.
- Comtesse de Careil.** Bright orange and red shades; very early.
- Elaine.** Pure snow-white; large and full.
- Gladys Spaulding.** Deep brassy yellow.
- Gloriosum.** Bright sulphur yellow.
- Golden John Salter.** Beautiful deep golden yellow.
- Golden Lace.** Pure yellow; finely cut petals.
- Livadia.** Pure white, anemone-flowered.
- Lord Mayor.** Deep rosy pink, shaded silvery white.
- M. Boyer.** Lilac rose, shaded silvery white.
- M. Hilliot.** Deep buff, shaded orange.
- Mrs. Brett.** Twisted golden petals.
- Mrs. Heale.** Creamy white; exquisite form.
- Mrs. John Laing.** Orange, old gold and bronze.
- Mr. Wm. Barr.** Bright crimson, shading to golden yellow.
- Norma.** Blush white, tipped rose.
- Penelope.** Rosy pink; large and full.
- P. Radaelli.** White, canary yellow in centre; a very early variety.
- Precocite.** Small, white, very early.
- Sœur Melaine.** Pure white, fringed; fine habit.
- Source d'Or.** Intense yellow, shaded old gold.
- Timbale d'Argent.** Pure white, large Anemone flower.

Price, 15 cts. each; set of 25 early sorts for \$3.00.

Special Low Offer, Fifteen Chrysanthemums for \$1.00.

For only \$1.00 we will send by mail 15 varieties of Chrysanthemums, but the selection must be left to us at the time the order is filled. We cannot supply a list beforehand, as we sometimes have a surplus of some new varieties we are enabled to include in these low offers, some of the choicest sorts. If sent by express (buyer to pay charges) we can usually send larger and stronger plants.



COMTESSE DE CAREIL. (½ natural size.)

GENERAL COLLECTION.

We have selected the varieties below named from among the hundreds we grow, as embracing the greatest variety of form and color to be found outside of those offered in the various groups and collections on the preceding pages.

JAPANESE VARIETIES.

- Fulton.** Clear bright yellow; long, twisted petals.
- Blooming Rose.** Bright rosy pink.
- Fascination.** Large, white, pink centre.
- Bartholdi.** Deep rosy pink, shaded maroon.
- Spiralis.** Creamy white, shading to deep pink.
- Gladiator.** Deep crimson; fine.
- Tecumseh.** Deep Indian red.
- Julius Cæsar.** Rich red, shaded terra cotta.
- Delie.** Large creamy white.
- Geo. Sand.** Bronzy pink, yellow centre.
- M. Mousillac.** Deep chestnut brown, shaded scarlet.
- Medusa.** Pure white; long, silky petals.
- Mrs. Lord.** Clear yellow; fine petals, twisted like tangled mass of silken threads.
- Mandarin.** Deep Indian red.
- Lorraine.** Rich golden yellow.
- Wenonah.** Silvery white, tipped rosy pink.
- Yeddo.** Bright yellow.
- Rob Roy.** Orange, shaded red.
- Margaret of York.** Sulphur yellow.
- Prince Kamoutski.** Crimson and coppery bronze.
- Sec. Barotte.** Deep bronzy orange.
- Mrs. J. N. Gerard.** Beautiful silvery pink.
- President Hyde.** Rich yellow; twisted petals.
- Puritan.** White, tinted lilac; a beautiful variety.
- Cullingfordii.** Dark mahogany crimson; extra fine.
- Comte de Germiny.** Old gold and Indian red.
- Frank Wilcox.** Rich golden amber.



Price, 10 cts. each; set of 27 fine varieties for \$2.50.

CHINESE INCURVED VARIETIES.

- Isabella Bott.** Purest white; a perfect globe.
- Jardin des Plantes.** Deep yellow; large and full.
- M. Raoux.** Dark crimson red; very double.
- Mrs. Jessie Barr.** Pure white; incurved, but Japanese.
- Fingal.** Rose violet, with lighter back; very showy.
- Helen of Troy.** Soft, attractive shade of pink.
- Diana.** Clear white; compact.
- Pink Venus.** Lilac peach; large and beautiful.
- Golden John Salter.** Beautiful golden yellow.
- Golden Empress.** Deep brassy yellow.
- Lady Slade.** Bright lilac pink.
- Golden Prince.** Clear golden yellow.
- La Neige.** Pure white; profuse bloomer.
- Pericles.** Bright Indian red.
- Prince Alfred.** Deep pinkish carmine.
- Princess Teck.** Extra large creamy white.
- Refulgens.** Rich purplish maroon.
- Virgin Queen.** Soft creamy white; incurved.
- Nil Desperandum.** Dark red and orange.
- Hero of Stoke Newington.** Rosy pink, shaded purple.
- Saint Patrick.** Bronzy red; very fine.
- Mrs. Heale.** Creamy white; exquisite form.

Price, 10 cts. each; set of 22 fine sorts for \$2.00.

POMPON, OR BUTTON VARIETIES.

- Montgolfier.** Maroon, tipped rich golden yellow.
- Model of Perfection.** Bright pinkish lilac, shading to white.
- Mrs. Aristee.** Deep canary yellow; Anemone flowered.
- Marie Aurat.** Light pink, shaded rose.
- Snowdrop.** Pure white; flowers like miniature snow-balls.
- White Bedder.** Small, pure white; very early flowering.
- Arbre de Noel.** Deep orange, shaded red, tipped yellow; finely fringed.
- Black Douglas.** Dark maroon red; striking in color; deeply toothed petals.
- Bouquet.** Rich carmine.
- Canary Bird.** Light canary yellow.
- Cravaction.** Deep pink, yellow centre.
- Golden Bedder.** Clear golden yellow.

10 cts. each. \$1.00 per set of 12.

The full set of 185 kinds of Chrysanthemums, as named, for \$25.00. If bought separately, these collections would cost \$30.00.

Flowers one-half Natural Size.

Tuberous BEGONIAS



Tuberous Begonias.

ALL SELECTED BULBS.

These are now the most popular plants for beds of summer flowers, or as pot plants for the greenhouse, conservatory or sitting-room. Our bulbs are all sound, well matured and of good size. For a time it was generally supposed that these could not be grown in the open air with success, but extensive plantings of them in various sections of the country have demonstrated their adaptability for this purpose.

Nothing can exceed the brilliancy of their colors, the delicacy of their tints, the richness of their waxy flowers, the gorgeousness of their effect in masses or their graceful appearance in beds or borders. From the time the first blossom appears until all growth is stopped by frost they are never out of bloom, and such blooms, great waxy flowers from three to five inches across, borne in such profusion that the rich glossy green foliage is almost hidden under the wealth of blossoms. A bunch of these on the table in a room will remain perfect a long time and brighten it up as no other flowers will. There are inferior varieties of these grand flowers offered, but those we sell are the best the world can produce, and were selected from the celebrated growers of Europe; hence our customers may rely on getting the best from us, and be guarded against cheap offers of these which cannot be as good as our carefully selected strain. They should be planted about one foot apart each way, and on the approach of cold weather they should be taken up and the bulbs stored

away in a warm place until the spring, when they may be started in pots before planting in the garden.

Single Flowered Tuberous Begonias in Separate Colors for Bedding.

(See figures 1, 2 and 4 in above engraving.)

Bright Scarlet... 20c. each, \$2.00 per doz.	Pure White..... 25c. each, \$2.25 per doz.
Splendid Yellow. 25c. " 2.25 "	Rich Rose.... 25c. " 2.25 "
Deep Crimson... 25c. " 2.25 "	Orange Salmon... 25c. " 2.25 "
ALL COLORS MIXED. (Selected Bulbs.) 20c. each, \$2.00 per doz., 12.00 per 100.	

DOUBLE TUBEROUS BEGONIAS.

In separate colors, *Scarlet, Rose, White, Yellow*, 50c. each, \$4.50 per doz.
 ALL COLORS MIXED. 40c. each, \$4.00 per doz., \$25.00 per 100.

We carry an immense stock of TUBEROUS BEGONIAS, and are prepared to estimate on large quantities for extensive planting.

The bulbs are selected to size as well as to variety, none less than three inches in circumference being sent out: this insures strong vigorous growth and consequent good results.

NAMED VARIETIES.

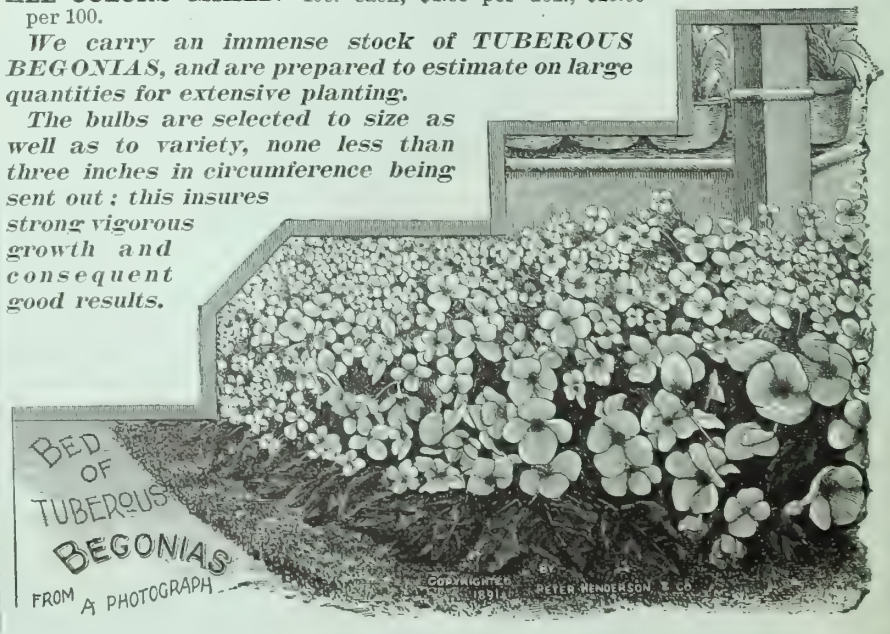
The varieties we offer below are magnificent for pot culture and equally grand for the garden.

Double Begonias.

- Eclat.** Bright orange scarlet.
 - Etna.** Reddish scarlet, strong habit.
 - Goliath.** Enormous flowers, rich shade of cerise-crimson.
 - Her Majesty.** Beautiful pearly white, flowers very large and double, of fine form.
 - Mrs. G. Paul.** Creamy white, tinted blush.
 - Enchantress.** Soft pink, centre yellow.
 - La France.** Pretty shade of silvery pink.
 - Ellen Terry.** Delicate salmon, full double.
 - Duchess of Albany.** Soft terra-cotta and fawn, very distinct.
 - Mrs. Windsor.** Creamy blush, edged pink.
 - Safrano.** Bright saffron, shaded amber.
 - Narcisse.** Clear yellow, form like a camellia.
- Price, \$1.00 each, \$9.00 for set of 12.

Single Begonias.

- Shirley Hibberd.** Brilliant scarlet.
 - Glow-worm.** Intense fiery crimson.
 - Magog.** Dark scarlet, almost circular.
 - Total Eclipse.** Rich velvety crimson.
 - Miss Cannell.** Rosy pink, suffused purple.
 - Bronze Green.** Soft chestnut, bronze centre.
 - Excelsior.** Clear madder carmine.
 - Primrose.** Soft yellow, deeper in centre.
 - Salmon Queen.** Deep, rich salmon.
 - Fairy Queen.** Pure white, edged with pink.
 - Lord Byron.** Rich red, fine flowers.
 - White Lady.** Splendid white, dwarf habit.
- Price, 60c. each, \$6.00 for set of 12.



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Ever-Blooming French Cannas.

These are, without question, the finest plants we have for summer bedding; their rich tropical foliage and bright blossoms are indispensable for lawn decoration. They flower in the open ground during the entire season, and if grown in pots make grand plants for the conservatory or greenhouse. When not wanted for flowering in winter, they should be lifted after they are cut down by frost in fall, and stored away in a cellar, just like dahlias or potatoes, when they can be divided and planted again in May or June.

"MADAME CROZY." (See Engraving.)

Undoubtedly the grandest of all varieties. The color is a brilliant vermilion scarlet, bordered with deep golden yellow; the flowers are borne in great clusters and in such profusion that they crown the plant with a blaze of glowing color. The foliage is vivid green, broad and massive; the habit of the plant is compact and vigorous, its natural height being rarely more than four feet, but the flowers form when it is scarcely a foot high, and continue coming on the plants until frost. We have a grand stock of this peerless variety and offer it very low, all strong plants. Price, 50c. each, \$4.50 per doz., \$30.00 per 100. Special rates for larger quantities.

"NELLIE BOWDEN," New Yellow Canna.

A fitting companion for the above in its sharp contrast of clear golden yellow. It is also fit to rank with it on account of its wonderful profusion of bloom. In a bed containing over 500 plants not one was without its mass of golden yellow flowers; the color is rich in the extreme, there being nothing at all approaching it in Cannas. In growth it is also the peer of any; the flower stems are strong and branching, holding the clusters of bloom erect and well above the foliage. A grand effect can be obtained by planting a large bed with "Mme. Crozy" in the centre and "Nellie Bowden" on the margin; a mass of scarlet with a brilliant golden border. (See *cut.*) Price, \$1.00 each, \$9.00 per doz., strong plants.



* MADAME

CROZY *

(Flowers one-third natural size.)

Newer Varieties of French Cannas.

Our aim is to offer *only the best* and not confuse our customers with a long list. Hence we have selected the following:

- Alphonse Bouvier.** Rich velvety red; very large truss and flower; petals broad and wavy; the grandest deep red variety known. \$1.00 each.
- Doyen J. Sisley.** Dark chocolate-colored foliage; flowers orange-scarlet. 50c. each, \$4.50 per doz.
- Francoise Crozy.** The color is a unique shade of apricot, bordered with bright yellow. 30c. each, \$3.00 per doz.
- Horace Choisel.** Deep rich magenta; strong, compact grower; a very fine variety. 30c. each, \$3.00 per doz.
- Ingenieur Alphaud.** Dark purplish foliage, deep carmine-red flowers; a very fine variety. 50c. each, \$4.50 per doz.
- M. Laforcade.** Bright orange-scarlet flowers, coffee-colored foliage; dwarf, compact grower; very fine. 50c. each, \$4.50 per doz.
- Pres. Hardy.** Deep orange, mottled with rich chrome yellow; a unique and pretty variety. 50c. each, \$4.50 per doz.
- Pres. Carnot.** A majestic variety with dark chocolate foliage; flowers deep scarlet, large and beautifully rounded. 50c. each, \$4.50 per doz.
- Star of 1891.** A dwarf-growing, very free-flowering variety, excellent for pot culture; bright orange-scarlet, sometimes edged with yellow. 30c. each, \$3.00 per doz.
- Thomas S. Ware.** This fine variety is the dwarfest of all Cannas and is literally loaded with dark orange-scarlet flowers, formed in large, compact heads. As a pot plant or for planting in front of taller varieties it is unsurpassed. 30c. each, \$3.00 per doz.
- Trocadero.** A grand sort in flower and foliage. The blooms are a deep crimson lake of the richest shade, and are borne in wonderful profusion. *Twenty-seven* separate heads of flowers were counted on a single plant in our grounds. 30c. each, \$3.00 per doz.

SPECIAL OFFER.—Full collection of 13 Ever-blooming French Cannas named on this page for \$5.00. (If bought separately would cost \$6.50.) For older varieties, see page 133.



(Flowers one-third natural size.)



**“Malmaison”
Carnation.**

The cut shows exact size of single flower.

The above cut shows wonderful Carnation, few years has been the flower for the buttonquets, table decoration. Thousands are grown annually and are in such flowers frequently sell at dozen wholesale. It is measuring four inches beautiful shade of blush, similar to the Malmaison Rose. Visitors abroad have marveled much about this wonderful Carnation, and we have had numerous inquiries for plants from customers in every section of the country. To satisfy this demand we have imported a fine lot of young plants for this season from the leading London grower. The fragrance of the “Malmaison” is exquisite, being the most delicious of all Carnations. Price, 50c. each, \$4.50 per doz.

“DAYBREAK” CARNATION.

Too much cannot be said in praise of this grand Carnation. The color is exquisite, a charming shade of flesh pink. It was this delicate shade which suggested its name of “Daybreak,” because of the similarity to the first faint tinge of pink seen in the eastern sky at sunrise. “Daybreak” became so popular among flower lovers that the blooms readily sold for more than any other variety in the New York market the past season. The growth of the plant is vigorous and healthy and the flowers possess the Carnation fragrance in a marked degree. Price, 20c. each, \$2.00 per doz.

NEW RED BEDDING COLEUS,

“Fire Crest.”

The major portion of the foliage is a bright carmine crimson shade, the edge is slightly marked with golden yellow, which heightens the coloring; the centre of the leaves is blotched with deep bronze, the leaves are deeply toothed and have that graceful wavy appearance so desirable. The habit is close and compact, very short jointed, so that the leaves overlap each other and give the effect of the entire plant being one mass of brilliant red; exposed to the brightest sunlight this coloring is intensified. Price, 10c. each, \$1.00 per doz., \$6.00 per 100.

**NEW ALTERNANTHERA,
Rosea Nana.**

A new Alternanthera of great merit, which will be invaluable for planting with the yellow variety “Aurea Nana,” on account of the similarity of growth and charming contrast of color.

“Rosea Nana” is of dense compact growth, so regular that it rarely requires clipping. In color it is entirely distinct from all others, being bright deep pink or rose. The young foliage takes on this color very early in the season and maintains it until destroyed by frost, presenting a strong and beautiful contrast with others of its class. 10c. each, \$1.00 per doz., \$6.00 per 100.

NEW FRAGRANT BOUVARDIA,

“Purity.” A new white Bouvardia, possessing the invaluable addition of a delightful Jessamine-like odor. The flowers are borne in the greatest profusion and are clear, pearly white. The foliage is a bright, glossy green, more graceful than the ordinary Bouvardias, and serves as a splendid groundwork to show to the best advantage the large white clusters of bloom. This splendid addition should increase the popularity of this fine class of winter-blooming plants. Price, 50c. each, \$4.50 per doz.

NEW YELLOW BEDDING COLEUS,

“Mrs. D. I. Haight.”

A grand yellow bedding Coleus raised by John Logan, Goshen, N. Y., who describes it as below. We have had it on trial for a year and can endorse all that has been said by him.

“This originated as a ‘sport’ from Coleus ‘Paroquette’ and is a fine golden yellow, never changing under the strongest sunshine, and never showing dark veining like other yellows. The foliage is equal to ‘Golden Bedder,’ but the habit of the plant is far superior to it. A bushy, even grower, one plant just the same as its fellows, this is its greatest merit. A bed of it on the sunniest part of the lawn on dry soil, without any watering during the summer, has behaved splendidly, far surpassing any yellow Coleus I have, and all the leading sorts are here.”

Price, 15c. each, \$1.50 per doz., \$8.00 per 100.

a single flower of this which for the past most fashionable hole, corsage bouetc., in London. for that market demand that the cut, the rate of \$5.00 per unequaled for size, across, and is a

single flower of this which for the past most fashionable hole, corsage bouetc., in London. for that market demand that the cut, the rate of \$5.00 per unequaled for size, across, and is a



CARNATION, “DAYBREAK.”

"Tom Thumb" Calla Lily.

LITTLE GEM (Elliott's).

The great value of this over the common Calla Lily lies in its dwarf habit and freedom of bloom. The principal objection to the old variety is found in its rank growth, but in this improved sort that objection is overcome. It rarely exceeds 12 inches in height and blooms most abundantly. The flowers are not more than half the size of the common variety, and therefore can be used with telling effect in bouquets. It is in every way superior as a house plant to the larger growing variety. Price, strong blooming plants from pots, 50c. each, \$4.50 per doz.; extra strong plants, 75c. each. (See cut.)

TRUE BLACK CALLA LILY.

Arum Sanctum. A rare species from the Holy Land. The flowers are about 14 inches long from tip to base, and about 4 inches broad at the widest part, gracefully curving to a small point. They have a strong violet-like odor, are a deep velvety purplish maroon—almost black—on the upper side, and moss-green underneath. From the centre of the flower springs a spike ten inches long, of the most intense glossy black. Price, 50c. each for strong plants started in pots.

YELLOW CALLA LILY.

Richardia Hastata. Every one is familiar with the well-known White Calla Lily. The fine variety we now offer is identical with this in every respect except the color, which is light yellow, with rich purple in throat of the flower, so that the great value of this grand novelty can be readily appreciated by all. Our stock is limited, so that such of our customers as want to procure this rare plant will do well to order early. Price, \$1.00 each.

WHITE CALLA LILY.

Lily of the Nile. Pure white, large, splendid flower. 30c. each, \$3.00 per dozen.

SPOTTED LEAF CALLA.

Richardia Alba Maculata. This plant is always ornamental, even when not in flower, the dark green leaves being beautifully spotted with white; in other respects the plant is the same as the White Calla, but is of dwarf habit. Price, 30c. each, \$3.00 per doz.

Special Offer.—We will supply the set of five grand Calla Lilies offered above for \$2.25. If bought separately would cost \$2.60.

Our Prices this Season are lower than ever. Read what we say on this subject on pages 1 and 2.



"TOM THUMB" CALLA LILY, "LITTLE GEM." (ELLIOTT'S.)

CYCLAMEN PERSICUM.

Beautiful low-growing plants for pot culture. In the winter and spring a great profusion of exquisite flowers of rose, red, white, spotted are produced. Price, mixed colors only, 30c. each, \$3.00 per doz.

CLIVIA (IMANTOPHYLLUM) MINIATUM.

An exceedingly ornamental plant, for greenhouse or conservatory; it flowers during the spring and summer months, remaining in bloom for a long period. The flowers, about 2 inches long, are borne in clusters of from ten to twenty; color a fine red orange shading to buff. Price, \$1.50 each.

CORONILLA GLAUCA.

A pretty yellow-flowering plant with pea-shaped foliage. Makes an excellent pot plant. 15c. each, \$1.50 per dozen.

CINERARIA HYBRIDA.

Beautiful pot plants, producing great heads of brilliant flowers, purple, white, lavender, etc., etc. 15c. each, \$1.50 per doz.

C. Acanthifolia. A white leaved variety, very valuable for foliage beds. (Ready May 1st.) 10c. each, \$1.00 per dozen, \$6.00 per 100.

New Dwarf Bedding Dahlias.

It is seldom that such a decided break occurs in a race of plants as in the Dahlia, an entirely new class of which is now offered in the "Tom Thumb" varieties illustrated. They will become most popular bedding plants, their dwarf habit and profusion of bloom, with brilliant colors, making them unrivaled for that purpose. Below we give the names and short descriptions of the varieties we offer. The natural height is only from 12 to 15 inches, and about 24 inches across the plant, forming a compact little bush.

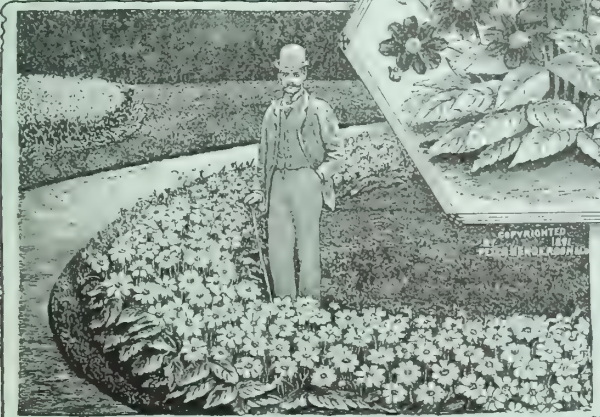
Bootles. Rich velvety red.

Midget. Pure scarlet, very bright.

Miss Grace. Light orange, very attractive.

Pearl. Deep mauve, very distinct.

Price, 30c. each; set of 4 "Tom Thumb" Dahlias for \$1.00.



NEW DWARF BEDDING DAHLIAS.

NEW BEDDING DAHLIAS, CUT LEAVED.

All single flowered and valuable on account of their gracefully cut foliage and prolific blooming. All the varieties have a distinct disc in the centre of the flower.

"AMI BARILLET."

A new single Dahlia, bearing deep scarlet crimson flowers very rich in color. The great value of it is its deep purplish maroon graceful foliage; this renders it very attractive and makes it valuable for bedding as a contrast to lighter-leaved plants. As a border for a bed of French Cannas it is admirable. Price, 30c. each, \$3.00 per doz.

Contraste. Deep crimson, yellow centre, cut leaved.

Deuil de Depute Thiers. Rich velvety maroon, deep yellow at base of petals, cut leaved.

Laciniata Purpurea. Rich purplish maroon, shaded crimson, yellow disc, cut leaved.

Lucien Chauve. Rich mauve with brownish shades, deep red ring at base of flower, cut leaved.

Mme. Ed. Millaud. Magenta rose, large white centre, cut leaved.

Mme. Coquet. Rich maroon, deep yellow centre, cut leaved. Price, 25c. each. Set of seven for \$1.50.



GRAND NEW DAHLIA,

"MAID OF KENT."

One of the grandest Dahlias ever introduced. The above illustration represents the form, but it cannot show the grand and unique coloring of the flower. The ground color is a rich crimson, overlaid with intense cherry red; the tips of the petals are a pure snow white; the contrast is startling, yet pleasing, and commands admiration at first sight. Like all plants bearing parti-colored flowers this sometimes produces blooms differing from the above, and herein lies one of its charms, for frequently many different flowers may be seen on the same plant. Price, 50c. each, \$4.50 per doz.

BEAUTY OF BRENTWOOD.

Another grand new variety of an entirely distinct color among Dahlias. It is difficult to describe, but may be classed as a purple magenta of a pronounced shade, very deep and rich. Price, 35c. each, \$3.50 per doz.

MRS. J. DOUGLAS.

A distinct and beautiful variety; the color is a unique shade of pinkish salmon, different from any other. It belongs to the new cactus type of Dahlia, and is considered one of the best. Price, 35c. each, \$3.50 per doz.



NEW SPOTTED DOUBLE MORNING GLORY.

This fine addition to our list of climbing plants has been on trial in our grounds for the past two years and has proved to be a sterling novelty. It flowers most profusely, and when in bloom is exceedingly attractive. The blooms are all beautifully fringed, which adds to its already distinct appearance. The color is a pretty shade of blush white, spotted with rich purple. It is a rapid grower and is one of the best climbing plants for the garden or greenhouse we have ever offered. Price, 20c. each, \$2.00 per doz.

VARIEGATED CLIMBING NASTURTIUM.



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VARIEGATED CLIMBING NASTURTIUM.



The adjoining illustration shows this new and beautiful plant, the small sketch on the left being accurately engraved from a photograph and shows its climbing habit. When we saw this in Paris two years ago we were struck with its beauty of flower and foliage, its great value as a climbing plant and its usefulness as a drooping plant for baskets or vases. After repeated efforts we succeeded in importing it safely and now have a grand stock to offer. There is no plant with which we are acquainted, so prettily and distinctly marked as this, or one which holds its variegation so well under all conditions. The foliage is green, irregularly marked with soft creamy white, the flowers

are a bright orange scarlet, and the contrast between them is very striking. It is rarely that such a grand novelty is offered for sale, and a fine stock enables us to offer it at a popular price. 25c. each, \$2.25 per doz.

DOUBLE YELLOW NASTURTIUM.

A climbing variety; double flowers of bright yellow. 15c. each, \$1.50 per doz.

DOUBLE CRIMSON NASTURTIUM.

Another climbing variety, bearing double flowers of a dark rich crimson color. 15c. each, \$1.50 per doz. Set of three Nasturtiums for 50c.

PLUMBAGO COCCINEA.

A splendid flowering plant, bearing sprays of bright red flowers, very attractive and of great value as a pot plant for conservatory decoration. 25c. each, \$2.25 per doz. We can also supply *Alba*, white, and *Capensis*, blue. 20c. each, \$2.00 per doz.

THE HARDY

CHINESE MATRIMONY VINE

(LYCIUM CHINENSE)

Is a most vigorous hardy climbing plant when trained to an arbor, fastened to a fence, attached to a tree, to the side of a house, the pillars of a piazza or in any location where a hardy vigorous climber is desired. It sends out numerous side branches, so that it covers a great amount of space in a short time, and every new growth is at once covered with bright purple flowers, which are succeeded by brilliant scarlet berries nearly an inch long, every branch being loaded with them; the contrast between the glossy, dark green foliage and shining scarlet fruit is extremely beautiful. It continues flowering and new berries are forming from late spring until frost. The berries ripen in early autumn and remain on the vine late into the winter. The number of our hardy vines which can be grown without danger from frost in our Northern States is limited, and none are more beautiful than this or as easy of culture. It will grow and thrive in any situation, either shade or bright sunlight, and will take root in any soil; in fact, nature has given it all the essentials for wide popularity. Valuable as it is for covering fences, etc., it is even more desirable for clambering over stone walls, bare rocks or unsightly banks, covering them quickly with bright green foliage, and later on rendering them objects of beauty with its wealth of scarlet berries and purple flowers.



Lycium

Chinense.

Hardy
Chinese
Matrimony Vine.

Price, 1st size, extra strong 2-year-old plants, 50c. each, \$4.50 per dozen.

Young plants (which will bloom and fruit abundantly this year), 25c. each, \$2.25 per dozen.

Our Prices this Season are lower than ever. Read what we say on this subject on pages 1 and 2.



PETUNIA, "WHITE SQUADRON."

NEW DOUBLE WHITE PETUNIA,

"White Squadron."

This splendid Petunia was raised from seed in 1891, and was selected from among the thousands we grow as being the best. Owing to a limited stock we were unable to offer it last year, but this enabled us to give it another season's trial, and the result confirmed our first appraisal of its great value. Unlike most others previously offered, this variety is of strong constitution, and is covered with its splendid flowers the whole season long. It was this fine quality which suggested its name, every plant being crowned with a squadron of pure white flowers. (See cut.) Price, 30c. each, \$3.00 per doz.

DOUBLE FRINGED PETUNIAS,

In variety.

The varieties named below we selected from the vast numbers we grew the past season. They are all beautifully fringed and exhibit every shade and marking found in Double Petunias.

Beatrice. Deep maroon, tipped clear white.

Berenice. Pearly white, blotched violet; splendidly fringed.

Constancy. Pure white, spotted rosy carmine at base of flower.

Columbia. Ground color violet maroon, marked with white.

Harlequin. Clear white, suffused pink; striped maroon and purple.

Juvenal. White, spotted deep pink.

Lord Chumley. Blush white, suffused pink; blotched deep violet.

Marvel. A very odd variety, some petals being purplish crimson, others clear white.

Orion. Creamy white, variegated rich maroon; finely fringed.

Silver Moon. Pure white, deep purple markings.

Sirius. Rosy pink, variegated with white.

Tribune. Deep violet maroon, frequently tipped pure white.

Price, 20c. each. Set of 13 sorts, including "White Squadron," for \$2.50.

New Double-Flowering Musk Plant.

One of the most pronounced "Novelties" in our catalogue this season. Every one is familiar with the common "Musk Plant," hence this improved *double-flowering* variety will be doubly welcome. It grows most luxuriantly and is always covered with its bright yellow *perfectly double* flowers; the foliage is equally fragrant as the common variety. It makes a splendid pot plant for the window, or it can be used with telling effect in baskets or vases; its graceful drooping habit eminently fits it for either purpose.

Price, 20c. each, \$2.00 per doz.

NEW WHITE PINK,

"Her Majesty."

After repeated efforts we succeed in successfully importing this grand novelty from England, where it is held in the highest esteem by the best authorities. We quote herewith from the introducer's description:

"I have much pleasure in drawing attention to this charming novelty, which is unquestionably one of the finest of this century, and one that will hold its own as long as Pinks are cultivated. It is far ahead of anything yet seen, and all the old white varieties will sink into insignificance by the side of this great beauty. It has become one of the most 'popular of the day,' and is being grown by acres to supply the demand (which must come) for cut flowers. It was freely exhibited in 1889, and was the great attraction at every exhibition, and the demand will be simply enormous."

It was awarded **nine first-class certificates** at various exhibitions in England, which is an unprecedented list of honors and the greatest number of certificates ever awarded for a plant of like character. (See cut.)

Price, 50c. each, \$4.50 per doz.



Our Prices this Season are lower than ever. {Read what we say on this subject on pages 1 and 2.

THE VARIEGATED LEAF MOONFLOWER.

This is one of the greatest acquisitions to our list of summer climbing plants introduced in years. The foliage is beautifully marked clear white and vivid green, the flowers are identical with the famous Moonflower, so that in beauty of flower and foliage it is without a rival. As it is not hardy, slips (or cuttings) should be taken from it in the fall and started in small pots, when they will make fine vines for climbing around the window in a sitting-room; trained to wires, strings or wooden trellis in the open ground it will make a most attractive appearance even when out of bloom. Price, 20c. each, 6 for \$1.00.

PELARGONIUMS.

We offer a fine collection of these, from the best of the European growers. They embrace the most distinct colors and shades in cultivation. Price, 50c. each; set of 12 for \$5.00.

PASSIFLORA PRINCEPS.

(The True Scarlet Passion Flower.)

One of the grandest plants for the greenhouse or conservatory. When covered with its brilliant red flowers it is surpassingly beautiful. Price, large plants, 75c. each. Smaller plants, 50c. each.

SCHUBERTIA GRANDIFLORA.

A very rare climbing plant of great beauty. It can be grown in the open ground in our Northern States in summer, but it is not hardy enough to stay out all winter. The flowers are pure white, large and fleshy, and are very fragrant. They are borne in great clusters in the greatest profusion. A plant in bloom will scent the air around it for a great distance, and is a conspicuous object on account of its great white blossoms. They are very like *Stephanotis* in appearance. The leaves and stems are covered with a soft down, which adds to its appearance. A plant growing against a fence on our grounds was the admiration of thousands. Price, 75c. each.

VARIEGATED RUBBER PLANTS.

This is unquestionably among the finest of decorative plants for every purpose. The foliage is as large as the plain green variety and is healthfully marked with creamy white and pea green on a dark, glossy green ground. It is equally hardy as the green variety. It is as yet somewhat scarce, but will be undoubtedly popular when better known. Price, fine plants, \$3.00 each.

VIOLET, MARIE LOUISE.

The well-known double light purple variety. We offer strong, healthy plants, so that any amateur will have no difficulty in growing them. Thousands of this peerless variety are grown for the flower markets to supply the cut-flower markets of the country during the winter season. Price, large plants, 30c. each, \$3.00 per doz.; young plants, 15c. each, \$1.50 per doz.

STEPHANOTIS FLORIBUNDA.

The *Stephanotis* is almost universally regarded as the embodiment of all that is chaste and beautiful in flowers. It twines as shown in the engraving, blooming in late winter; its clusters of pure white deliciously fragrant, jessamine-like flowers are eagerly sought by the most fastidious. Price, 75c. each.

VARIEGATED OLEANDER.

Another very handsome plant for window and conservatory. It is distinctly marked rich creamy white on a dark green ground. It flowers as well as the common sorts, and when in bloom the effect is charming. Even when not in flower its appearance is strikingly beautiful. Price, strong plants, \$1.00 each, \$9.00 per doz.

XEROPHYLLUM

ASPHODELOIDES. (Hardy.)

(The "Turkey's Beard.") An odd-looking plant with grass-like leaves, 15 inches long, which are evergreen. It grows in clumps from which rise from 1 to 5 flower stems 3 feet high, each bearing a compact head of showy white flowers. 15c. each, \$1.50 per doz.

GIANT SIBERIAN PRIMROSES.

(*Primula Cortusoides Amæna.*)

A new race of hardy Primroses valuable for early Spring flowering. The colors range through various shades of pink, rose, lilac, blush, etc., and are borne in large umbels on stalks from 8 to 12 inches long; the individual flowers average 1½ inches across, and all have a large white centre. The foliage is very attractive, a soft, rich green, downy and deeply fringed, resembling a fine fern. They should receive the same culture as Pansies or English Daisies. Price, 25c. each, \$2.25 per doz.

VIOLET,

SWANLEY WHITE.

Similar to Marie Louise in every respect but color, which in this variety is pure white. It is very double, deliciously fragrant and vigorous in growth; fully the equal in every way of Marie Louise, and a fitting companion for it. Price, young plants, 15c. each, \$1.50 per doz.



THE HARDY DOUBLE ENGLISH VIOLET.

This is a plant that needs no words of praise to introduce it to our customers. It speaks for itself. Here we have a Violet entirely hardy, perfectly double, a deep violet color and most deliciously fragrant. It surpasses the well-known "Marie Louise" Violet in richness of color, being many shades darker, and far excels it in its delightful odor; this is one of its greatest merits. It is entirely free from disease of any kind, will grow and bloom in any garden and in any situation. It is entirely hardy and can be left out in the open ground all winter. Nothing is more appropriate for cemetery plots than the Hardy Double English Violet. Thousands have been prevented hitherto from planting double violets because the varieties offered were not hardy, but now this difficulty is overcome. (See cut.) Price, 1st size, large flowering clumps, 50c. each, \$4.50 per doz. Young plants for this season's blooming, 25c. each, 5 for \$1.00, 12 for \$2.00.

General Collection of Plants, Foliage, Flowering and Ornamental.

ACHILLEA. (Hardy.)

"The Pearl." The flowers, which are borne upon erect foot-stalks, are of the finest white, and closely resemble a Pompon Chrysanthemum. Blooms nearly the whole season. 25c. each, \$2.25 per doz.

ASPIDISTRA

VARIEGATA.

Broad leaved plants, deep green, marked with pure white. One of the very best "foliage" plants we have, almost indestructible; it lasts for years in the house and grows very freely. 50c. to \$2.00 each.



ACHIMENES.

ACHIMENES.

Magnificent bulbous plants for the greenhouse or conservatory; flowers produced in the greatest profusion. The bulbs must be kept dormant in winter, and about January should be potted in light soil and leaf mold; this, with a little moisture and temperature of 60 to 70°, will start them into growth. Beginning about May they bloom continually the entire summer. Price, 30 cts. each, \$3.00 per doz. (See cut.)

ABUTILONS, ASSORTED.

"Chinese Bell Flower." Flowering shrubs growing from 2 to 6 feet in height; flowers pendulous, bell-shaped, blooming in abundance during the entire season; now much used for flowering in winter. We offer a collection of 12 sorts, embracing white, crimson, pink, rose, yellow, orange, variegated, etc. Also the double-flowered and trailing sorts. Price, 10 cts. each; set of 12 sorts, \$1.00.

AGAPANTHUS UMBELLATUS.

This is a grand plant both for decoration outside and in the greenhouse. Foliage large and graceful, clusters of 20 to 30 bright blue flowers crowning each of the flower stalks. 35 cts. each, \$3.50 per doz.

ASTERS.—READY MAY 1ST.

Undoubtedly among the most valuable of summer-blooming plants, when planted in masses or when scattered through a mixed border. No class of plants, perhaps, gives such a variety



AGERATUM, "WHITE CAP."

of color, and none is more valuable for all the purposes of a garden flower. Price, 10 cts. each, \$1.00 per doz., \$6.00 per 100.

AGERATUM,

Cope's Gem. Best dwarf blue.

White Cap. Best dwarf white; splendid for cemetery decoration. Price, 10 cts. each, \$1.00 per doz., \$6.00 per 100.

SWEET ALYSSUM.

One of our most useful plants for beds, borders, vases, baskets, etc. Fragrant and free blooming, it is always a welcome sight in the garden. 10 cts. each, \$1.00 per doz., \$6.00 per 100.

"Double Tom Thumb." This variety has the same dwarf habit as the single, but its trusses are much longer and the florets double. The double flowers hold on so long that the plant is always in bloom. (See cut.) Price, 10 cts. each, \$1.00 per doz., \$6.00 per 100.

We can also furnish *Single Tom Thumb*, *Colossus* and *Variegated Alyssum*. Price, 10 cts. each, \$1.00 per doz., \$6.00 per 100.

ANTIRRHINUM.

(Snapdragon.)

Very showy flowering plants blooming all summer until frost; assorted colors. (Ready April 1st.) Price, 10 cts. each, \$1.00 per doz., \$6.00 per 100.

AMARANTHUS. (Joseph's Coat.)

Gorgeous foliage plants, brilliant in their varied colors. (Ready May 1st.) Price, 10 cts. each, \$1.00 per doz.

ANEMONE JAPONICA. (Hardy.)

Beautiful plants, with large beautiful flowers. The white variety is very attractive, the other is of a rich, rosy red, semi-double and somewhat dwarfer than the white. Both have clear golden yellow centres. Price, 20 cts. each, \$2.00 per doz.

ASTILBE JAPONICA. (Hardy.)

The flowers are borne in large feathery panicles of white. Hardy herbaceous plant and undoubtedly one of the most valuable. Price, 15 cts. each, \$1.50 per doz.

ASPARAGUS.

TENUISSIMUS. Very fine, filmy foliage. A handsome climbing plant for the window, and a very useful pot plant. Price, 15 cts. each, \$1.50 per doz.

PLUMOSUS NANUS. The leaves are a bright green, are gracefully arched, and are as finely woven as the finest silken mesh, surpassing Maiden-hair Ferns in grace, fineness of texture and richness of color. Price, strong plants, \$1.00 each.

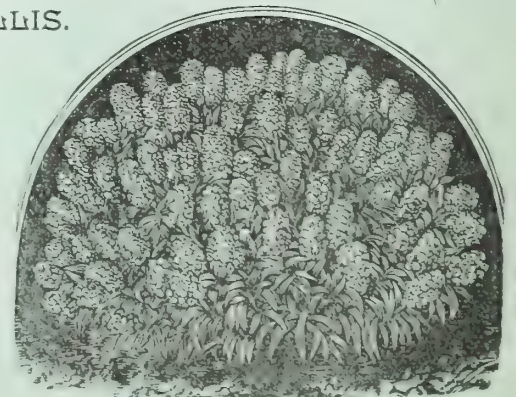
AMARYLLIS.

Vittata Hybrids. These are beautifully striped and blotched, and are deliciously fragrant. Price, \$1.00 each, \$9.00 per doz.

Formosissima

(Jacobean Lily.) Dark scarlet, free-blooming. Splendid for pot culture, and can be grown in water like Hyacinths; flowers in summer if kept dry during winter. Price, 50c. each, \$4.00 per doz.

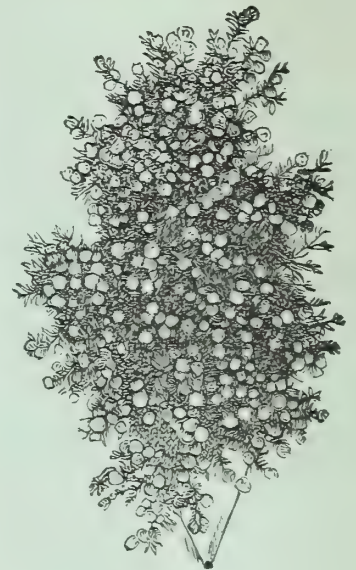
Johnsonii. Strong, vigorous growth, bearing from 3 to 6 brilliant red flowers on each stem. Price, 50 cts. each, \$4.50 per doz.



ALYSSUM, "DOUBLE TOM THUMB."

ALLAMANDA.

Splendid climber, large yellow flowers, invaluable for the greenhouse and to Southern States, where it is quite hardy. Fine plants, 50 cts. each.



SWEET ALYSSUM.

Four Grand Carnations.

In the adjoining engraving we show four of the best varieties. Each one is a sharp contrast to the other, but this effect is not apparent in the cut.

No. 1. **ORIENT**. Rich crimson maroon, very free blooming, beautifully fringed.

No. 2. **LOUISE PORSCHE**. Clear lemon yellow, very slightly penciled with red; a splendid grower and free bloomer.

No. 3. **DAYBREAK**. The color is an exquisite shade of flesh pink, entirely distinct from every other variety, and sure to charm the most fastidious.

No. 4. **MRS. FISHER**. "White as the driven snow" and beautifully fringed, fragrant and free; in every respect a peerless variety.

Price, 20c. each; set of **Four Grand Carnations** for 75c.

CARNATIONS—in Variety.

The great improvement made in this grand race the past few years has directed popular attention to them, until now they are perhaps exceeded by the Rose alone in the number annually grown for cut flowers. Our collection contains only sorts of approved merit and our plants are in the finest possible condition.

American Flag. The best striped carnation as yet introduced.

Angelus. A new variety having exquisite rosy pink flowers, large, full and delightfully fragrant.

Buttercup. Although not new, yet conceded by experts to be the best yellow on the market.

Chester Pride. Pure white, delicately striped and penciled with scarlet, a splendid variety and very attractive.

Edelweiss. A new white variety, large, full and beautifully fringed.

Fred. Creighton. Beautiful pink a strong growing and very free flowering variety, one of the most valuable sorts we offer.

Fred. Dorner. A giant among carnations. The flowers are frequently over 3 inches across, color deep glowing red.

Grace Wilder. The pink carnation par excellence. Thousands of this variety are grown for the New York market in



preference to other sorts of more recent introduction claimed to be superior to it.

Golden Triumph. Among yellow carnations this is very highly esteemed.

Hector. A king amongst scarlets, large flowers, splendid habit.

Lizzie McGowan. One of the best white varieties we have, strong habit and very free blooming. Flowers of the largest size.

Louise Porsche. A splendid yellow variety rarely penciled with red.

Portia. Brilliant scarlet. In richness of color, profusion of bloom, vigor and growth, and every essential of a first-class carnation, this variety stands unequaled.

Silver Spray. Pure white, fine substance, so that it is finely adapted for shipping. Price for any of the carnations offered, strong plants from pots, 15c. each, \$1.50 per doz.



CAMELLIA, DOUBLE WHITE.

SPECIAL LOW OFFER OF CARNATIONS.

For \$1.00 we will send free by mail **Ten Fine Varieties**, all named, our selection only. We are enabled to do this only when the selection is left to us. If wanted by express, buyer to pay charges, we can usually send larger and finer plants, and will leave all the soil on the roots.

TEN FINE CARNATIONS FOR \$1.00.

HARDY GARDEN CARNATIONS.

Every color known in Carnations is represented—white, crimson, scarlet, orange, maroon, yellow, striped, speckled, etc.; but although all these colors and numerous shades not mentioned are to be found in them, yet having been grown from mixed seed we cannot supply any special color. Price, 15c. each, \$1.50 per doz., \$10.00 per 100. Strong healthy plants.

CAMPANULA. (Hardy.)

Well-known favorites growing about two feet high, bearing large saucer-shaped flowers. Price, 20c. each, \$2.00 per doz.

CAMELLIA JAPONICA.

We offer splendid plants of the above, bushy, well-grown specimens full of buds; it is seldom that such fine plants of these are offered for sale. The varieties are the best that could be obtained from the most celebrated growers of Europe. They embrace Double White, Double Pink, Double Variegated and Double Red. Price, 1st size (in bud), \$1.50 each; set of four for \$5.00—a saving of \$1.00 by buying the set.

CLEMATIS.

The Clematis is *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. They are all climbers, and, if trained carefully, attain a height of from five to fifteen feet in one season.

Clematis Jackmanii.

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. It is the variety shown in the engraving, which gives a fair idea of this superb Clematis.

1st size, \$1.00 each, \$7.50 per doz.
2d " .75 " 6.00 "



CLEMATIS JACKMANII.



FRENCH CANNAS.

Large-Flowered French Cannas. STANDARD SORTS.

Dwarf-growing and unequaled for profusion of bloom. Our collection of standard sorts has been carefully selected and cannot be surpassed.

Antoine Crozy. Flowers deep crimson, light green foliage.

Admiral Courbet. Light yellow, speckled with orange scarlet.

Bertal. Deep salmon flowers, almost scarlet, deep green foliage.

Edouard Andre. Deep carmine flowers, chocolate foliage.

Emile Leclerc. Golden yellow, mottled crimson.

Flamboyant. Flowers crimson lake, shaded orange.

G. Couston. Light yellow, mottled orange.

Gerard Audran. Rich vermilion, spotted yellow.

Geoffrey St. Hilliare. A grand variety. Large Orchid-like flowers of a deep glowing orange shade; very large flower spike; foliage chocolate colored.

Hippolyte Flandrin. One of the best sorts we offer. Color a rich deep salmon, very showy.

J. Cardioux. Flowers brilliant cardinal red.

Louis Chretien. Clear yellow, splashed with orange.

Mme. Berrard. Bright orange scarlet, edges golden yellow.

Madame Just. The lower part of the petals is flame color, the upper part golden amber.

Mme. de Liabaud. A grand variety; deep carmine.

Revol Massot. Carmine red, lower petals blotched yellow.

Tonkin. Golden yellow, lower petals flamed scarlet.

Ulrich Bruner. Flowers orange red, lower petals striped yellow.

Victor Hugo. Deep orange red flowers, foliage dark purplish crimson. A grand variety. 30 cts. each.

Price, strong roots, 20 cts. each, except where noted; or set of 19 sorts, as named above, for \$3.00. Our selection of sorts for massing at \$10.00 per 100.

GENERAL COLLECTION.

Ehemani. Entirely distinct from all other Cannas, its rich green, tropical foliage resembling the Musa or Banana. The crimson flowers are produced in masses on the summit of whip-like stalks, with 25 or 30 flowers on each. 15c. each, \$1.50 per dozen.

Noutonii. A variety equal to the above in its rich, tropical appearance, but surpassing it in profusion of bloom and richness of color. Price, 15c. each, \$1.50 per dozen.

Flaccida. A dwarf variety with bright yellow, lily-like flowers, valuable for bedding. 15c. ea., \$1.50 per doz.

Assorted. All the leading varieties, light and dark foliage, including **Marechal Vaillante**, very dark foliage; **Discolor Violacea**, large, dark foliage marked bronze green; **Brenningsii**, foliage green and creamy white (also known as "Milky Way"); **Compacta**, deep green foliage; **Zebrina Nana**, dwarf growing, dark foliage. 15c. each, \$1.50 per dozen, \$8.00 per 100.



CLEMATIS HENRYII.

Clematis Henryii.

This variety is a much stronger grower than most of the other varieties, and is *entirely hardy*. Excellent for cemeteries, or wherever a hardy climber is desired. (See cut.)

Large, strong plants, \$1.00 each, \$9.00 per dozen.

2d size..... .75 " 7.50 "

Crispa. Although a native of the Southern States, it is entirely hardy. Like all the other Clematis, it is a rapid climber and profuse bloomer. The flowers are bell-shaped, purplish blue, and emit a rich fragrance. Price, 30 cts. each, \$3.00 per dozen.

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. 30 cts. each, \$3.00 per dozen.

Flammula. "*Fragrant Virgin's Bower.*" This is an old and well-known species, entirely distinct from the above; flowers pure white, deliciously fragrant. The plants attain a height of twenty feet, and, when trained on trellis work and in full bloom, look like a mass of snow. The odor is perceptible at a distance of 200 yards. Hardy. 30 cts. each, \$3.00 per dozen.

Assorted. In addition to those mentioned above, we can supply **double white**, **single blue**, **lilac**, **lavender** and many intermediate shades, all strong plants. Price, \$1.00 each, \$9.00 per doz.

CLERODENDRON BALFOURII.

The body of the flower is bright crimson enveloped in a creamy white calyx. Price, 40 cts. each, \$4.00 per dozen.

COREOPSIS LANCEOLATA. (Hardy.)

One of our finest hardy perennials; deep yellow flowers, splendid for summer bouquets; blooms all season from June until frost. Price, 25 cts. each, \$2.25 per dozen.

DAHLIAS.

We will supply *pot grown roots*, except where noted, up to about April 15th; after that the plants sent out will be from pots in a growing state. We reserve the right to send either according to the state of our stock at the time the order is received.

12 Best Double Dwarf Dahlias.

These differ from the **Large** varieties in being more dwarf in growth, with smaller flowers and added profusion of bloom.

Amorette. Deep crimson. **Black Dwarf.** Maroon. **Ben Butler.** Crimson maroon. **Bredowillard.** Golden yellow. **Dr. Stein.** Crimson and pink. **Exquisite.** Orange, scarlet edge. **Golden Bedder.** Golden yellow. **Little Valentine.** Rich scarlet. **Mary.** Scarlet. **Laura.** Magenta pink. **German Boy.** Salmon red. **Snowflake.** Pure white. Price, 15c. each; set 12, \$1.50.

For newer varieties of Dahlias see page 126.

Twelve Grand Double Dahlias.

Camelliaflora. Pure white, very dwarf and free. **Emperor.** Deep crimson, variegated with pure white. **Electric.** A dazzling crimson scarlet of the Cactus type. **Floral Beauty.** Large perfectly shaped flowers of a rich salmon-pink shade. **James Walton.** Deep maroon; large, splendid flowers. **Memorandum.** A distinct shade of light pink. **Meteor.** Brilliant deep red; perfect form. **Mercedes.** A grand variety; silvery white at the base of the petals, gradually merging into a rosy lilac. **Mrs. Wilson.** Deep yellow, each petal tipped bronze. **Maroon Beauty.** Purplish maroon. **Sunset.** Deep bronzy red, shading to rich golden yellow at the base of the petals.

Vesuvius. Light, dazzling scarlet.

Price, 20 cts. each; set of 12 Grand Dahlias for \$2.00.

SINGLE DAHLIAS.

The flowers vary from 3 to 5 inches across, composed of eight petals, and are borne on long graceful stems in the greatest profusion.

Butterfly. A beautiful shade of pink. **Ballot.** Deep carmine, large and showy. **Crichton.** A rich shade of velvety maroon. **Corsage.** Intensely bright scarlet. **Mandolina.** Brilliant, rich red, very fine.

Cynthia. Bronzy salmon, a distinct variety. **Moonstone.** Large light canary yellow. **Mulberry.** Deep reddish violet. **Old Gold.** A rich shade of golden yellow. **Picta Formosissima.** Striped red and white. **Vicarage.** Brilliant vermilion, large and showy. **White Queen.** Pure white, a splendid variety. Price, 15 cts. each; set of 12 beautiful Single Dahlias for \$1.50.

SPECIAL OFFER.—The unrivaled collection of 55 Dahlias named above for \$7.00.

OUR Prices this Season are lower than ever. Read what we say on this subject on pages 1 and 2.

POMPONE DAHLIAS.



CACTUS DAHLIA, "BLACK PRINCE."

This is one of the finest "Cactus" Dahlias yet sent out. The flowers are rich maroon, of velvety texture; the color is so intense as to be almost black. The size of the individual flowers is something marvelous, being about twice as large as the ordinary kinds. The style of the flower is loose and free from that rigidity so objectionable in others; the florets are large, broad and rounded at the points. In habit the plant is dwarf, sturdy, and of branching habit; the blooms are held well above the foliage; taken all in all it may well be considered the finest acquisition of the year. Price, 50 cts. each, growing plants from pots.

SPLENDID "CACTUS" DAHLIAS.

The title of "Cactus" was applied to the first of these "Juarezii" in recognition of the brilliant scarlet color and unique form of its flowers. Since its introduction this class has been wonderfully improved, and the collection we offer contains the finest varieties of this splendid type.

A. W. Tait. Pure white, very double; the tips of the petals deeply toothed or fringed.

Cochineal. Richest crimson scarlet, toned with a brownish shade. **Glare of the Garden.** Intense scarlet; very free flowering; a grand variety.

Lyndhurst. Dark, dazzling crimson scarlet; a showy and useful variety.

Mrs. Hawkins. Rich sulphur yellow, shading to light canary toward tips; a beautiful variety, one of the most interesting in this fine class.

Wm. Pearce. Rich, sulphur yellow.

Price, 25 cts. each; set of six splendid Cactus Dahlias, \$1.25.

Please refer to page 125 for new "Tom Thumb" Dahlias.

LARGE DOUBLE DAHLIAS.

(GENERAL COLLECTION.)

In this collection we offer the varieties which bear large globular flowers.

Boabdil. Large blood red. **Mrs. Burgess.** Purplish maroon.

Dandy. White, speckled carmine. **Flora.** Bright magenta pink.

Hector. Cherry red. **La Phare.** Brilliant scarlet. **Martha.**

Orange tipped scarlet. **Oriole.** Rich golden yellow. **Ovid.** Rich

royal purple. **Topsy.** Light yellow, tinted lilac. **Ethel.** Dark,

lustrous carmine. **Vesta.** Pure white; very fine. Price, 15 cts.

each; set 12 for \$1.50.



DAISY, "SNOWFLAKE."

Daisy, "Snowflake."

In the engraving above we show this most useful plant. Growing only from six to eight inches in height and covered during the entire season with its large, pure white flowers, its value as a border plant or for cemetery decoration can be easily appreciated. Price, 20c. each, \$2.00 per dozen.

ENGLISH DAISIES. (Bellis.)

Pretty, low-growing plants, bearing a wealth of pink, white and red blossoms; blooming in early spring, they are valuable for their contrast to Pansies and other spring flowers. 10c. each, \$1.00 per dozen.

Double Pink Daisy, "Longfellow."

Large double rose colored flowers, and a splendid companion to the two sorts described above. Price, 20c. ea., \$2.00 per doz.

YELLOW PARIS DAISY.

(New Branching.)

A new, strong-growing and branching variety of this very useful plant. It will be welcomed on account of its vigorous habit and golden-yellow flowers. May be had in bloom all winter. Price, 25c. ea., \$2.25 per doz.

WHITE PARIS DAISY.

The true "Marguerite" of the Paris markets; large, pure white flowers. 25c. each, \$2.25 per dozen.

EUPHORBIA SPLENDENS.

A curious plant with thick, fleshy, twining stems, which are covered with stout, sharp spines nearly an inch long. The foliage is bright green and the flowers are a beautiful coral pink, very pretty when in bloom. Price, 30c. each, \$3.00 per doz.

EUONYMUS RADICANS VAR.

A splendid half-hardy plant with bright glossy green leaves prettily marked with white; very useful for centres of vases, pots, etc., etc. 25c. each, \$2.25 per dozen.

ERYTHRINA HENDERSONII.

New Coral Plant. If set out in the open ground in spring, this plant blooms without intermission all summer. The flowers are large and brilliant, dark crimson in color, and fairly cover the plant when in full bloom. 15c. each, \$1.50 per dozen.

FUNKIA SUBORDATA VAR.

(Variegated Day Lily.) Hardy.

A very fine border plant, useful for edging borders of herbaceous plants. The leaves are broad and wavy, dark green, heavily marked with creamy white. 25c. each, \$2.25 per dozen.

DIGITALIS (Foxglove).

(Hardy.)

Stately plants when in bloom, throwing up to a height of four or five feet great spikes of flowers. The colors are varied, ranging through white, purple, spotted, etc. 30c. each, \$3.00 per doz.

ERANTHEMUM MARGINATUM.

A very pretty foliage plant, with deep green leaves heavily margined with spotless white. As a pot plant for decorative purposes it has many advantages, being of a strong, thrifty habit, and very ornamental in foliage. Price, 30c. each, \$3.00 per doz.



FORGET-ME-NOT.

FORGET-ME-NOT. (Hardy.)

(Myosotis.)

Beautiful spring-blooming plants, bearing graceful sprays of rich blue flowers. Aside from its beauty, this plant is very interesting from its close connection with romantic tradition. Price, 10c. each, \$1.00 per doz.

SWORD FERN.

(Nephrolepis Exaltata.)

In well-grown specimens the fronds attain a length of six or seven feet, but only one to three inches wide, and like plumes arching over in every direction, in a most graceful manner. This beautiful Fern is excellent for outside planting in shady borders. It is a very fine plant for hanging pots or baskets on the piazza in summer and conservatory or window in winter. Our cut conveys but a very poor idea of its gracefulness and beauty. Price, 25c. each, \$2.25 per dozen.

HOUSE FERNS.

Our collection contains the choicest of the "Maidenhair" varieties and best basket and vase sorts. They are of the easiest culture, and nothing adds more grace and beauty to a home than a few handsome ferns. 30c. each; set of 12 sorts for \$3.00.

CLIMBING FERN.

(Lygodium.)

A very pretty and useful species, rapid growing and very easy of cultivation. 15c. each, \$1.50 per dozen.

DAVALLIA BULLATA.

(Hare's-foot Fern.)

We offer this grand variety prepared in globe shape ready for hanging up. In a short time they develop leaves and make grand ornaments through the season, suspended on the piazza or in a window. Price, \$1.00 ea.



EULALIA ZEBRINA.

EULALIA GRASSES. (Hardy.)

These are attractive ornaments for the lawn or hardy border. The inflorescence is curled like an ostrich plume and makes a very pretty ornament in a vase when dried, lasting for years.

Gracillima. Foliage very narrow and of a beautiful green color, midrib silvery white.

Eulalia Zebrina (Zebra Grass). Unlike all other variegated plants, this has its striping or marking across the leaf instead of longitudinally. (See cut.)

Eulalia Japonica Var. Leaves striped white and green longitudinally. 1st size, 50c. each, \$4.50 per doz.; 2d size, 25c. each, \$2.25 per doz.

FEVERFEW (Dwarf).

Little Gem. This variety, which we first sent out, is very dwarf, attaining a height only from 12 to 18 inches. The flowers are large, of perfect form, and of the purest white. 15c. each, \$1.50 per dozen.



SWORD FERN.



FUCHSIA, MRS. E. G. HILL.

DOUBLE FUCHSIAS.

- Mrs. E. G. Hill.** Flowers very large and freely produced; corolla pure white and double; sepals dark red. A fine variety. (See cut.) Price, 20 cts. each.
- Abbe Garnier.** Lilac corolla; dark scarlet sepals.
- Cervantes.** Deep prune corolla; crimson sepals.
- Elm City.** Purple corolla; scarlet sepals.
- Pres. Carnot.** Deep mauve corolla; crimson sepals.
- Jos. Rosian.** Double; dark plum color.
- Molesworth.** Double; white corolla; crimson sepals; a fine variety.
- Prince Napoleon.** Deep plum color; full and double.
- Rosains Patrie.** White corolla; rosy carmine sepals; double.
- Snow Cloud.** White corolla; crimson sepals.
- Storm King.** Corolla pure white; very free.
- Trophee.** Sepals clear red; corolla double; dark violet blue. Price, 10 cts. each; set of 12 best Double Fuchsias, \$1.00.

SINGLE FUCHSIAS.

- Annie Earle.** Carmine corolla; waxy white sepals.
- Benjamin Pearson.** Crimson and purple corolla; sepals rosy red.
- Black Prince.** Tube and sepals waxy carmine.
- Beacon.** Corolla a deep carmine; sepals scarlet.
- Constancy.** Corolla single, rich carmine; sepals white; flowers large; a very beautiful variety.
- Dr. Topinard.** Sepals large cerise red; large open single corolla pure white marked rose.
- Earl of Beaconsfield.** Deep orange corolla; extra large flower.
- Ernest Renan.** Corolla carmine; sepals white.
- Little Alice.** White corolla; scarlet sepals.
- Inimitable.** Violet corolla; crimson sepals.
- Lottie.** Tube cream; sepals tender rose; corolla bright carmine.
- Mrs. Marshall.** Corolla carmine; sepals white.
- Oriflamme.** Prune-colored corolla; crimson sepals.
- Speciosa.** Corolla orange scarlet; sepals white. Price, 10 cts. each; set of 14 Single Fuchsias for \$1.25.
- SPECIAL OFFER.**—Complete collection of 26 Fuchsias for \$2.00.

GAZANIA SPLENDENS.

A most useful plant for baskets or vases, of drooping habit with large yellow flowers blooming all summer. 15 cts. ea., \$1.50 per doz.

HIBISCUS CALIFORNICUS. (Half Hardy.)

Large pure white cup-shaped flowers, with deep carmine centre. It is a perennial, grows 4 to 6 feet high and is hardy south of Washington. Price, 20 cts. each, \$2.00 per doz.

GAILLARDIA GRANDIFLORA.*(Hardy.)*

The most showy perhaps of all our hardy herbaceous plants. The flowers are orange and crimson with dark brown disk in the centre; they are three inches across and are borne in lavish profusion all summer long. The natural height, including flower stems, is about two feet. 25 cts. each, \$2.50 per doz.

Grevillea Robusta.*"The Silk Oak."*

A magnificent plant for decorative purposes, of rapid, easy growth, finely cut foliage, rivaling a rare Fern. The young growing leaves are a light bronze color, the tips being covered with a soft down, closely resembling *raw silk*, hence the name of "*Silk Oak*." In its native place it attains magnificent proportions and produces an abundance of bright orange-colored flowers. Price, fine plants, 50 cts. each; young plants, 25 cts. each, \$2.25 per doz.

IVY (German).

Well known as "*Parlor Ivy*" and highly esteemed for its free, vigorous growth. Price, 10 cts. each, \$1.00 per doz. **English Ivy.** See page 102. Price, 25c. and 50c. each.

HEMEROCALLIS FLAVA. (Hardy.)*(Yellow Day Lily.)*

Bright yellow flowers borne in great profusion on long stems, very fragrant. One of the best known and most valuable of the species. Price, 20 cts. each, \$2.00 per doz.

GLECHOMA HEDERACEA VAR. (Hardy.)

Pretty marked with pure white on a bright green ground. It is hardy and of vigorous growth; the leaves have a *refreshing fragrance* similar to mint. It is one of our most useful plants for drooping from hanging baskets, vases, fancy pots, etc., etc. It is largely used in cemeteries to cover graves, as it is entirely hardy. Price, 15 cts. each, \$1.50 per doz.

GENISTA RACEMOSUS.

This plant, although not new, has become very fashionable in New York. Few plants are more deserving of popular esteem. The flowers are pure golden yellow, and literally cover the plant when full grown. Price, 30 cts. each, \$3.00 per doz. Large plants, 75 cts. each.

New Hybrid Gloxinias.

The handsomest of our summer-blooming plants, the rich and varied coloring of the flowers being beautiful in the extreme, many of them beautifully speckled; flowers three inches long by two inches in diameter; upright and pendulous; colors crimson, violet, rose, scarlet, white, etc. They attain the greatest perfection if grown in light, rich soil in a shady, well-ventilated frame. After they are done growing, they may be kept in a warm, dry cellar, or under the stage of a greenhouse. (See cut.) Price, *mixed colors only*, 30 cts. each, \$3.00 per doz.

Helianthus Multiflorus.*(Hardy.)*

Dark, golden yellow color; grows from 3 to 5 ft. in height; never fails to flower the first season of planting. 25 cts. each, 5 for \$1.00.

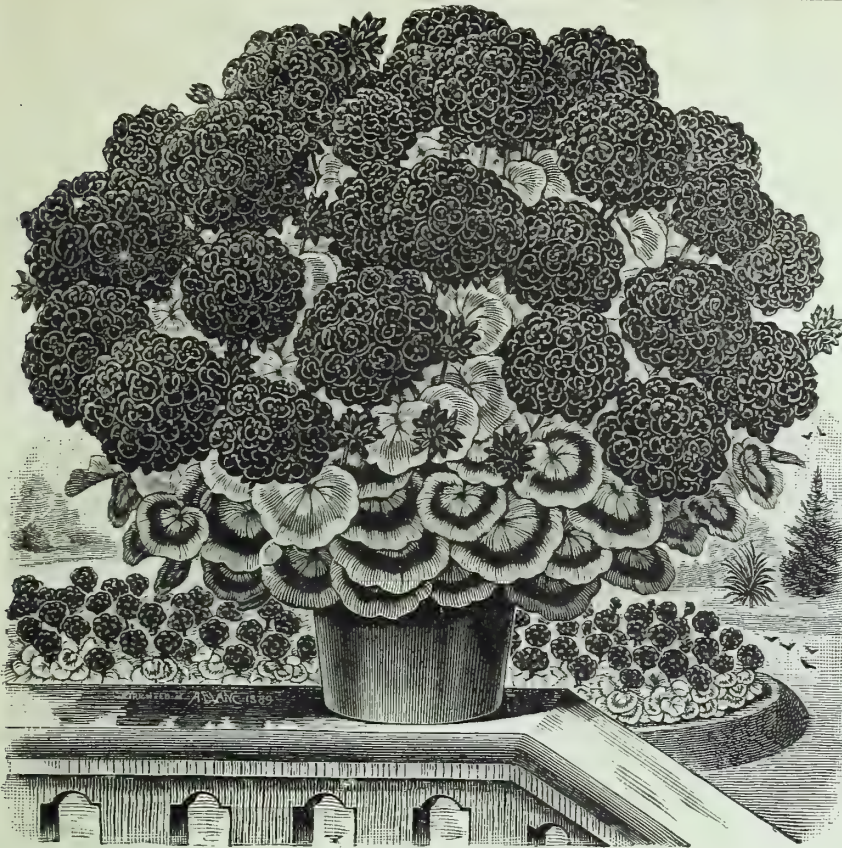
Helianthus Maximilianii. A large growing, very free-flowering species, remaining in bloom till late autumn. Valuable for cut flowers. Price, 25 cts. each, \$2.25 per doz.



GREVILLEA ROBUSTA.



NEW HYBRID GLOXINIAS.



GERANIUM, BRUANTI.

NEW DOUBLE GERANIUMS.

The collection named below was selected from the many we had on trial the past season, and may be depended on to give satisfaction.

- M. Jovis. Bright salmon, edged pink.
- Saint Regamonte. Deep rosy carmine.
- Bonnat. A grand deep rosy pink.
- Mme. A. de Chevaliere. Pure white.
- Baron de Schleinitz. Light salmon.
- De Lacepede. Beautiful light pink.
- M. Caro. Soft shade of lilac pink.
- C. Galy. Deep violet rose, very fine.
- Ruy Blas. Rich, bright salmon.
- Les Huguenots. Lavender pink.
- La Victoire. A grand white variety.

NEW SINGLE GERANIUMS.

- Beauty of Ramsgate. Deep crimson.
- Mrs. Wildsmith. Rich clear rose.
- Mme. Reydellet. Beautiful rich salmon, extra large truss and flower.
- M. Poirrer. Rich violet carmine.
- Copernic. Soft rosy pink, shading to carmine, white centre.
- Athlete. Deep glowing scarlet.
- Mlle. E. Caillelet. Rosy pink, white centre.
- Mme. Legros Lacaille. Bright orange scarlet, unique, attractive.
- Trophee. Light lavender pink.
- Panache de Nancy. Light orange scarlet, striped white, very distinct.
- M. Andreujol. A grand scarlet sort, excellent for pots or bedding.
- Glory of Lyons. Single florets over

NEW IVY-LEAVED GERANIUM.

Souvenir de Chas. Turner. A wonderful advance over all previously known varieties, producing gigantic trusses 6 to 8 inches across, and florets 2½ to 3 inches wide, flowers of a deep pink shade, feathered maroon in upper petals. Awarded numerous certificates at exhibitions. Price, 30c. each, \$3.00 per doz.

- Mme. Thibaud. Deep satin rose.
- Dr. Audiguier. Rich salmon color.
- Mons. P. Olmber. Rich vermilion.
- Mrs. E. G. Hill. A charming variety, soft rosy salmon.
- Paul Arene. Pure white.
- Tour Eiffel. Bright orange scarlet.
- SILVER QUEEN. Clear pearly white, a splendid bedding variety. (See cut.)

GERANIUMS.

- two inches across, color rich crimson scarlet.
 - Champion. Carmine crimson.
 - Ernst Burgman. Intense scarlet.
 - Marguerite Lyer. Pure snow white.
 - Blazing Star. As indicated in the name, this is a brilliant scarlet.
 - Mlle. Straub. Very fine salmon-colored blossoms, large truss.
 - Coquetterie. Bright cherry pink, a very pretty and attractive color.
 - Souvenir de Mirande. The upper petals are crystal white margined with rosy carmine. The lower are a deep coral color with a blotch of pure white in the centre.
- Price, 15c. each; set of 19 new single varieties for \$2.50.

HYBRID GERANIUM.

"P. Crozy." The foliage shows the blending of two races, having the form of the Ivy and the substance and size of the Zonales. The flowers are brilliant scarlet, borne in the greatest profusion, the trusses measuring six inches across and the individual florets two inches. Price, 20c. each, \$2.00 per doz.

**STANDARD SORTS
DOUBLE GERANIUMS.**

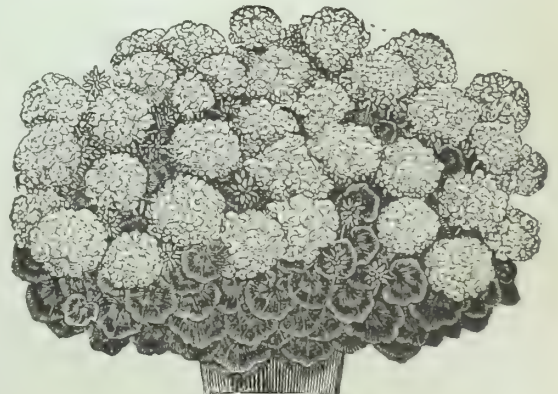
- BRUANTI. This grand variety is shown in the adjoining engraving. Deep scarlet and wonderfully free in flowering, it is, perhaps, the best type of the double Geranium. (See cut.)
- Beaute Poitevine. Very large semi-double flowers borne in immense trusses, brilliant salmon.
- Catulle Mendes. Florets very large, purplish rose; upper petals marked with white.
- Gerome. Immense sized trusses; flowers double, dark violet rose of a beautiful tint.
- Double Gen. Grant. Brilliant scarlet.
- Golden Dawn. Brilliant orange scarlet.
- Gustave Wideman. Rich deep salmon.
- Gloire de France. Bright salmon.
- Naomi. Dark pink; fine bedder.
- White Swan. Pure white; a grand variety.
- Pres. Dutailly. Very dark amaranth, bordered with maroon; upper petals marked with purple.
- Le Cid. This magnificent variety is brilliant crimson red; undoubtedly the finest of its color.
- Centaure. Brilliant rose; enormous truss.
- Md. Dupont. Rosette-formed flowers, deep scarlet.
- President Carnot. Semi-double florets; color, brilliant deep scarlet.
- La Favorite. Pure white.
- Grand Chancellor. Deep crimson.

**STANDARD SORTS
SINGLE GERANIUMS.**

- Queen of the Belgians. Pure white.
- Henry Martin. Cherry red.
- Beacon. Brilliant scarlet.
- Mazeppa. Rich cherry red.
- Arc-en-ciel. Rich violet crimson.
- Miss Wakefield. Bright pink, one of the best for bedding purposes.
- Queen of the West. Rich scarlet, dwarf compact habit, fine bedder.
- Jules Ferry. Deep brilliant carmine crimson, trusses and florets of enormous size.
- Alphonse Daudet. Glowing salmon, large trusses.
- Richesse. Bright salmon and clear white.
- Apple Blossom. Pearly white suffused with delicate rose, a dainty color.
- Lillian Smith. Bright red, dwarf compact habit.
- Md. la Comtesse de Pot. Salmon-flesh color bordered with white, a fine bedding variety.
- Master Christine. Bright deep pink.
- New Life. Striped scarlet and white.
- Pauline Lucca. Pure white.
- Pliny. Bright carmine.
- Queen Olga. Cerise pink.
- Richard Dean. Very bright scarlet.
- Gen. Grant. The finest scarlet bedder.
- Beauty. Salmon and white.
- Queen of the Belgians. Purest white, large truss and very free flowering.

SCENTED GERANIUMS.

Our collection contains Rose, Variegated Rose, Nutmeg, Mint, Shrubland Pet, Oak Leaved, Apple, Fern-Leaved, Skeleton, etc. Price, 10 cts. each; set of 12 sorts, \$1.00.



GERANIUM, SILVER QUEEN.



IVY GERANIUM.

Double Ivy-Leaved Geraniums.

These are the grandest of all house plants, or for baskets or vases in the open air. They can be trained in one season on a trellis from two to six feet high and wide, and can be grown to droop as desired, being covered from January to October with a profusion of large trusses of double flowers.

Camille Flammarion. Deep rose color, large full cup-shaped flowers.

Gallilee. Beautiful clear rose, slightly marked a deeper shade at base of upper petals. Flowers very large and double, equal to any of the Zonale type.

Bastien Lepage. Semi-double and very large, rosy mauve, upper petals veined with purple.

Joan of Arc. The flowers are perfectly double, white as snow, and literally cover the plant when in full bloom.

La Rosiere. Immense trusses of large well-formed flowers of a rich, salmon pink color.

M. de Lesseps. A beautiful magenta rose.

De Brazza. Rosy salmon.

Horace Choisel. Glowing salmon pink.

Mme. Thibaut. Very rich, deep rose.

La Printemps. Clear salmon rose.

Eden Marchii. Beautiful salmon pink. Price, 20c. each; set of 11 for \$2.00.

L'Elegante. Single flowers, leaves prettily marked with white. A very useful sort. Price, 15c. each, \$1.50 per doz.

JESSAMINE.

Invaluable on account of their sweetly fragrant flowers.

Cape (Gardenia). Double white, the most valuable of all Jessamines. Price, 50 cts. each, \$4.50 per doz. (large plants).

Grandiflorum (Star Jessamine). Pure white, single flowers. Price, 15 cts. each, \$1.50 per doz.

Revolutum. Bright yellow. Price, 15 cts. each, \$1.50 per doz.

IMPATIENS. (Sultan's Balsam.)

Very pretty plants for summer, producing flowers in wonderful profusion.

I. Sultana. Rosy scarlet, very brilliant. Price, 15 cts. each, \$1.50 per doz.

I. Sultana Var. Similar to above, with variegated leaves. Price, 25 cts. each, \$2.25 per doz.

I. Lucy. Light mauve colored flowers. Price, 15 cts. each, \$1.50 per doz.

HELIOTROPES—in Variety.

Indispensable for bouquets and vases of flowers; their rich tints of lavender, blue and purple, and exquisite vanilla perfume are familiar to all. Price, 10c. each, \$1.00 per doz.

HIBISCUS (CHINESE).

These are largely used in the public grounds at Washington and other places for bedding purposes, and of late years have attracted a great deal of attention; they are almost continually in bloom. Price, 20c. each; set of 12 sorts for \$2.00.

HYDRANGEAS.

The most useful and ornamental flowering plants perhaps in our list. When grown in large pots or tubs for the lawn the effect of their great heads of flowers is striking. They are hardy with protection of leaves or litter in the open ground, and if grown in pots, they can be kept in a cool cellar until spring. In soils containing iron some of the varieties assume charming shades of blue.

Paniculata Grandiflora. The shrub Hydrangea. See page 143. Price, 15c., 25c., 50c. or \$1.00 each, according to size.

Japonica. Rosy lilac flowers, changing to light blue. Price, 20c. and 75c. each.

Otaksa. Rosy carmine flowers. It has the rare quality of blooming when very small, plants 6 inches high being frequently covered with flowers. Price, 25c. and 50c., according to size.

Thos. Hogg. A pure white variety, perfectly hardy, and is one of the finest plants for cemeteries. Price, 20c. each.

Hortensia. The old favorite variety; pink flowers, changing to blue in soils containing iron. Price, 20c. and 40c. each.

Rosea. Equal to Thos. Hogg in freedom of growth and flowering qualities. Flowers large and are a rich rosy red. Price, 50c. each.

White Fringed Hydrangea. The flowers are of the purest white, fringed, having a crimson spot in the centre. Plants attain a diameter and height of from 3 to 4 feet. Price, 20c. and 50c. each, according to size.

Double Pink Hydrangea. The flowers are double and similar in appearance to a Polyantha Rose, and when in bloom is covered with its rosy red double blossoms. This is one of the most distinct and useful plants ever introduced, and should be in every collection. Equally hardy as the other sorts. Price, 30c. and 50c. each.

SPECIAL OFFER.—Set of 8 fine Hydrangeas, in small plants, \$1.50; large plants, \$3.00.

LILY OF THE VALLEY.

Flowering pips, 5 cts. each, 50 cts. per doz.; large clumps, 50 cts. each, \$4.50 per doz.



Double Hollyhocks.

Hollyhocks are among the finest permanent garden plants, as being entirely hardy in most places and free growing, they make a great display with little or no care. Our collection contains all the colors named, but as they are grown from seed an occasional departure from these shades may be expected. For the same reason a small percentage may be single or semi-double. We offer them in the following shades, which are the leading colors grown: Double white, double yellow, blush, double pink, double crimson and double scarlet.

Price for the above varieties, 20c. each, \$2.00 per doz.; all colors mixed, \$1.50 per doz.

SILVER AND BRONZE GERANIUMS.

These Geraniums make beautiful pot plants; should be planted out in partial shade. Price, 20c. each, \$2.00 per doz.



LILY OF THE VALLEY.



HARDY MOON FLOWER.

THE MOON FLOWER.

Ipomœa (or Calonyction) Grandiflora.

If planted out in rich ground about May 15th, in a situation where it has full exposure to the sun, this plant will attain a height of 40 feet by October 15th, blooming abundantly the entire season. It is called "Moon Flower" from its rare peculiarity of blooming best at night, although it also expands its flowers in dull days; the flowers are of pure white, from 5 to 6 inches in diameter, emitting a rich Jessamine-like odor at night. 15c. each, \$1.50 per doz.

MANETTIA VINE.

Manettia Bicolor. A very pretty, rapid-growing twining plant, producing tubular flowers from one to two inches in length, the plant being literally covered with them the entire season. The coloring of these flowers is gorgeous in the extreme, being a flame color tipped with bright yellow. Given strings or wires to cling to, it will attain to a height of from 6 to 10 feet in one season. Price, 15c. each, \$1.50 per dozen.

OTAHEITE ORANGE.

A dwarf orange, which bears a profusion of fragrant flowers and edible fruit. One of the most effective plants for the house. Those we offer are large, strong plants, which will flower and bear fruit the coming season. Price, \$1.00 each.



❖ **LANTANAS.** ❖

We have few continuous blooming plants that afford a greater variety of colors than the Lantana. Twelve distinct varieties. Colors, orange, crimson, yellow, lilac, rose, white, etc. 10c. each, \$1.00 per dozen; set of 12 for \$1.00.

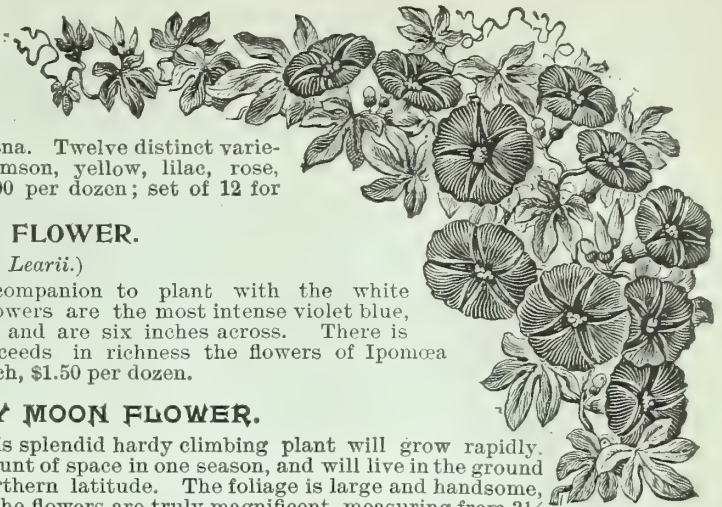
BLUE DAWN FLOWER.

(Ipomœa Learii.)

This makes a splendid companion to plant with the white "Moon Flower." The flowers are the most intense violet blue, with reddish purple rays, and are six inches across. There is nothing of its color that exceeds in richness the flowers of *Ipomœa Learii.* (See cut.) 15c. each, \$1.50 per dozen.

HARDY MOON FLOWER.

Ipomœa Pandurata. This splendid hardy climbing plant will grow rapidly, covering up a great amount of space in one season, and will live in the ground over winter in our Northern latitude. The foliage is large and handsome, giving a dense shade. The flowers are truly magnificent, measuring from 3½ to 6 inches across, pure white, shading to pink and purple in the throat. Unlike the tender Moon Flower, this species opens its flowers during the daytime and remains open all day, which makes it doubly valuable. Strong Northern grown roots. (See cut.) Price, 20c. each, \$2.00 per doz.



IPOMœA LEARII. (BLUE DAWN FLOWER.)

LOBELIAS.

Invaluable plants for vases or baskets; also very largely used for beds and borders. Bright blue flowers. **Trailing Varieties**, for baskets. 10c. each, \$1.00 per doz. **Compacta.** Dwarf; bright blue. 10c. each, \$1.00 per dozen, \$4.00 per 100.

LEMON VERBENA.

A universal favorite, and invaluable for its fragrant leaves so grateful when mixed with bouquets. They will retain their fragrance for years when dried. Strong plants, 15c. each, \$1.50 per dozen.

PASSIFLORAS. (Passion Flower.)

John Spalding. White flowers, foliage prettily marked with bright golden yellow. **Pfordtii**, deep purple. **Constance Elliott.** Beautiful variety; flowers 3 to 4 inches in diameter and pure ivory white; deliciously fragrant. **Cerulea.** Similar to the preceding, but a beautiful blue. (See cut.) 15c. each, \$1.50 per doz.

PRIMULA CHINENSIS.

These are easily grown and flower incessantly throughout the winter and spring—all shades of crimson, pink, white and variegated—single flowers measuring 5 inches in circumference. 1st size, 25c. each, \$2.25 per dozen; 2d size, 15c. each, \$1.50 per dozen.

MAHERNIA ODORATA.

Bright yellow, bell-shaped flowers, exquisitely fragrant; valuable on account of its climbing habit, and pretty flowers. 10c. each, \$1.00 per dozen.

Mesembryanthemum, Variegated.

(Variegated Ice Plant.)

One of the most useful plants in our list for rockeries, beds, baskets or vases. Low-growing, green foliage, marked with creamy white; crimson flowers. 10c. each, \$1.00 per dozen, \$6.00 per 100.

NASTURTIUMS. (Ready May 1st.)

Very useful plants for baskets or vases; the dwarf varieties are excellent for borders. **Climbing**, assorted colors. 10c. each, \$1.00 per doz., \$6.00 per 100. **Dwarf**, assorted colors, 10c. each, \$1.00 per doz., \$6.00 per 100.

PILOGYNE SUAVIS.

A rapid-growing vine of graceful appearance; glossy green leaves, splendid for either outdoors or in the house. Flowers yellowish white and very fragrant. 15c. each, \$1.50 per dozen.



PASSIFLORA CERULEA.

Decorative Plants, Palms, Pandanus, Etc.



KENTIA BELMOREANA.

Kentia Belmoreana.

This is sometimes called the "Curly Palm," and is recognized as among the best for all purposes, being capable of standing more ill usage perhaps than any other. The leaves have a tendency to curl as the plants grow older, hence its popular title of "Curly Palm." Our plants are of stout, stocky growth, and are sure to give satisfaction.

Price, specimen plants, 3 feet high, \$5.00 each; strong plants, 2 feet high, \$3.00 each; strong plants, 18 inches high, \$1.50 each; 12 to 15 inches high, \$1.00 each; small plants, 35c. each.

Cocos Weddeliana. This beautiful Palm is unquestionably the most elegant and graceful in cultivation. It is admirably adapted for the centres of jardinières and Fern dishes, as it retains its freshness for a long time, while for dinner-table decoration it is unexcelled, and should be in every collection. Price, 75c. and \$1.00 each; young plants, 35c. each.

Dracena Indivisa.

Of all the plants in use for centres of vases, baskets, or for beds in the open ground, nothing is so valuable as this. From its graceful, drooping habit it is sometimes called the "Fountain Plant." Price, 25c., 50c., 75c. and \$1.00 each, according to size.

Dracena Terminalis. A beautiful decorative plant; gorgeous shades of crimson, bronzy green and pink on the foliage. Price, 25c. and 50c. each.

Dracena Fragrans. One of the finest of our ornamental-leaved plants; deep green, broad, gracefully drooping leaves. Our stock of this is grand and the price is low. Price, plants 20 inches high, \$2.00 each; 12 inches high, \$1.00 each; 8 inches high, 60c. each.

There are no plants more attractive than those offered on this page, and none which yield more pleasure to the cultivator for the amount of care bestowed. Our Palms are grown specially for house culture, and are particularly hardy and thrifty, because grown in a comparatively low temperature.

Areca Lutescens.

This majestic Palm is without a peer for strength and elegance combined. Its dark glossy green leaves are gracefully curved on slender stems, and the entire foliage is gracefully disposed. The trunk and stems are a golden yellow, irregularly spotted with bronzy green, giving it a peculiar charm.

Price, specimen plants, \$5.00 each; strong plants, 2½ feet high, \$3.00 each; strong plants, 1½ feet high, \$1.00 each; 12 to 15 in. high, 50 cts. each; small plants, 30 cts. each.

Pandanus Veitchii.

This is a grand decorative plant. Its beautiful form, with vivid green and creamy white variegation, added to its vigorous growth, makes it indispensable in every collection. (See cut.) Price, \$1.00, \$2.00, \$3.00 and \$5.00 each, according to size.

Pandanus Utilis.

For majesty of form and gracefully arranged foliage this is without a peer. As an ornament for the window its glossy dark green serrated foliage renders it unusually attractive, while as a vase plant or single specimen in greenhouse or conservatory it cannot be surpassed.

Price, 1st size, 2 ft. high, \$3.00 each; 2d size, 15 to 18 inches high, \$1.00 each; 3d size, 10 to 12 inches high, 50c. each; small plants, 30c. each.

Seaforthia Elegans. Invaluable on account of its rapid growth and gracefully arched foliage. Price, plants from 5-inch pots, 20 to 24 inches high, \$1.50; plants from 3-inch pots, 30c. each.

Ptychosperma Alexandræ. The leaves are pinnate and beautifully arched; of a pretty pink when young, but green when mature; tall, slender trunk. Price, fine plants from 6-inch pots, \$1.50 each; young plants, 30c. each.



PANDANUS VEITCHII.

Latania Borbonica.

This is the typical Palm, and is more largely used than any other. Its strong, healthy habit commends it to all, and gives it a fitness for window and room culture not possessed in the same degree perhaps by any other. (See cut.) Price, \$5.00, \$3.00, \$2.00, \$1.00, 50c. or 25c. each, according to size.

Rubber Plants.

We have a splendid stock of this useful and ornamental plant, which will flourish under the most adverse conditions. Price \$1.00 each, 12 to 15 inches high, 18 to 24 inches high, \$2.00 each. Fine plants, 3 ft. high, well colored, \$3.00 each.



LATANIA BORBONICA.

SPECIAL OFFER OF YOUNG PALMS.

Young Palms are easily grown into splendid specimens, one year's growth increasing their value four-fold and frequently far more. As an inducement to our customers to enter this pleasant and profitable field, we make the following low offer: **1 Areca, 30c.; 1 Kentia, 35c.; 1 Cocos, 35c.; 1 Latania, 25c.; 1 Seaforthia, 30c.; 1 Dracena Indivisa, 25c.** Total value, \$1.80. This collection of five Palms and one Dracena we offer free by mail for \$1.00. If wanted by express, buyer to pay charges, we can send larger plants and leave all the soil on the roots.



✧ **PANSIES.** ✧

Henderson's Superb Strain.

Grown from selected seed and offered as unequalled for size, form and color. Pansies are now largely used for bedding purposes, vases, etc., and these grand varieties will greatly increase their popularity. Price, 10c. each, 75c. per dozen, \$5.00 per 100.

PHLOX DRUMMONDII. (Ready May 1st.)

One of the most popular of our summer-blooming plants, and very extensively used for beds of flowers, for vases and hanging baskets. They flower incessantly, and are truly marvelous in their varied colors. 10c. each, \$1.00 per dozen, \$6.00 per 100. (See cut.)

PHLOX AMÆNA. (Hardy.)

Unsurpassed for spring flowers, the foliage being hidden under a profusion of bright pink flowers. 20c. each, \$2.00 per dozen.

PHLOX SUBULATA. (Hardy.)

("Moss Pinks.")

A low-growing species, clinging closely to the ground and forming a carpet of bright green, literally covered in spring with flowers. Excellent for planting on high, dry knolls. We offer pink and white. 20c. each, \$2.00 per dozen, \$12.00 per 100.

HERBACEOUS PHLOXES. (Hardy.)

Most valuable hardy plants for partially shaded borders or shrubbery; there are numerous varieties. Those offered will be found to comprise all the desirable shades. 15c. each, \$1.50 per set.

HERBACEOUS PÆONIAS. (Hardy.)

Magnificent hardy plants, almost rivaling the Rose in brilliancy of color and perfection of bloom. They thrive in almost any soil or situation, and when planted in large clumps on the lawn make a magnificent display of flower and foliage. Some of the varieties are very fragrant. They are perfectly hardy, require little or no care, and produce larger and finer blooms when well established. We offer red, white, rose and crimson. Price, 40c. each, for strong flowering roots.

TREE PÆONIAS. (Hardy.)

These differ from the above in manner of growth—the former coming from the ground each season, while these form grand shrubs, growing 3 to 5 feet high. Price, \$2.00 each, strong flowering plants.

PHALARIS ARUNDINÆA VAR. (Hardy.)

Better known, perhaps, as "Gardener's Garters." A striped grass, green and white; indispensable in hardy borders. 15c. each, \$1.50 per dozen.

POLEMONIUM CERULEUM. (Hardy.)

Commonly known as "Jacob's Ladder," from its beautifully cleft foliage. The flowers are bright blue, and borne in great profusion. It grows only about a foot high and is invaluable as a border plant. 20c. each, \$2.00 per dozen.

PRIMROSE, ICE KING. (Hardy.)

It forms a dense tuft about 6 inches high; the foliage is a light green and fringed. White flowers from 4 to 6 inches across. Price, 15c. each, \$1.50 per dozen.

SUMMER PINKS. (Ready May 1st.)

Dianthus, or Summer Garden Pinks, assorted colors, double and single. They make splendid plants for the garden. Price, 10c. each, \$1.00 per dozen, \$6.00 per 100.

PLUMBAGO LARPENTÆ. (Hardy.)

A plant of dense, spreading habit; blue flowers in greatest profusion; valuable for cutting. 20c. each, \$2.00 per dozen.

PLATYCODON GRANDIFLORUM. (Hardy.)

Large bell flower; attains a height of 2 to 3 feet, and covered with star-shaped flowers 3 inches across. Color, indigo-blue to pure white and all intermediate shades. Should be included in all collections. 15c. each, \$1.50 per dozen.

TRADESCANTIA MULTICOLOR

A trailing plant of great beauty, and largely used for covering walls in green-houses or for growing along the edges of the benches. The foliage is variegated—green, purple, carmine, white and crimson. One of the most valuable plants in our list. 15c. each, \$1.50 per dozen. (See cut.) We also offer two other sorts at 10c. each, \$1.00 per dozen.

Seedling Petunias.

HENDERSON'S SELECTED STRAIN.

In the whole range of what are known as "bedding plants" there is not one that can be said to excel in genuine usefulness the Petunia. They are of the easiest culture, growing in any soil that will maintain plant life, and producing the most showy flowers in the greatest profusion. The variety of uses they can be put to is extraordinary—baskets, vases, beds, borders—in any and every situation they find a congenial home. The "double" does not always produce double flowers, but a fair percentage will, and such as are single usually excel in size and color. We offer plants grown from seed of our own saving, which has been hybridized by hand, using only the most perfect flowers, thus ensuring a choice strain of the most beautiful kinds, a large percentage being beautifully fringed. Double Petunias (from seed), 15c. each, \$1.50 per dozen, \$10.00 per 100. Single Petunias (from seed), 10c. each, \$1.00 per dozen, \$6.00 per 100. (See also page 128.)



PHLOX DRUMMONDII.



TRADESCANTIA.



PETUNIAS.



NEW DWARF SALVIA, "WM. BEDMAN."

New Dwarf Scarlet Salvia, "Wm. Bedman."

This forms a compact bush completely covered with rich scarlet flowers. The engraving was made from a photograph of a plant in the open ground, which by actual measurement was only *fifteen inches high and two feet across*. It will be of the greatest value as a market plant for florists. Price, 15c. each, \$1.00 per doz., \$6.00 per 100.

SALVIAS. (Assorted.)

Bethelii. Large bright green foliage, rosy carmine flowers.

Marmorata Nana. Dwarf, flowers striped scarlet and white.

Mrs. Stevens. Deep purplish maroon, a unique shade.

Patens. Deep blue, the finest color imaginable.

Splendens. (Scarlet Sage.) Intense scarlet, of great value for large beds. Price, \$6.00 per 100.

Splendens Alba. Similar to above, but pure white. Price, 10c. each, for any of the above, \$1.00 per doz.; set of 6 Salvias for 50c.

Rudbeckia Speciosa. (Hardy.)

Commonly called Cone Flower. It grows to a height of two to three feet and is covered through the season with showy heads of bright yellow flowers having a black disk in the centre. Price, 20c. each, \$2.00 per doz.

STEVIA SERRATA NANA.

A plant largely grown for cut flowers in winter. It bears loose sprays of white flowers, very attractive in bouquets, and for table decoration. Price, 10c. each, \$1.00 per doz.

Serrata Variegata. Identical with the above, but beautifully variegated with white. It is of great value as a "bedding" plant to contrast with darker foliage. Price, 10c. each, \$1.00 per doz., \$6.00 per 100.

SWEET WILLIAM. (Hardy.)

Old favorites in the garden, deliciously fragrant and wonderfully rich in color. Price, 15c. each, \$1.50 per doz.

SEDUMS. (Stone Crop.)

Valuable for rock work or as a "carpet" for "foliage" plants in low growing masses.

Carneum Variegata. Variegated green and white. Price, 10c. each, \$1.00 per doz., \$6.00 per 100.

Solanum Jasminoides Grandiflorum.

A climbing plant, but can be grown in bush form. Flowers star shaped, and borne in clusters often a foot across, pure white with a violet tinge on back of petals, and on the buds. Strong plants, 15c. each, \$1.50 per doz.

SMILAX VINES.

Familiar to every one. Easily grown if trained to strings or stakes. Price, 10c. each, \$1.00 per doz., \$6.00 per 100.

Mammoth Verbenas.

Verbenas are now and have for years been one of our leading specialties. We carefully selected and improved our stock of the **Mammoth Verbenas** since we introduced them. Many kinds in richness of color and large white centre resemble *Auriculas*. (See cut.)

B. of Oxford. Deep pink.

Miss Arthur. Intense scarlet.

Antonio. Deep blue.

Willie Desmond. Fine scarlet, white eye.

Marion. Reddish carmine.

Hourii. Brilliant pink.

Iona. Deep pink.

Negro. Dark maroon.

Emma. Soft carmine.

Crystal. Pure white.

Climax. Glowing scarlet.

Gazelle. Rich purple.

Sapphire. Magenta.

Charm. White and crimson.

Price, 10c. each; set of 14 for \$1.25.

VINCA MAJOR VARIEGATA.

One of the most useful drooping plants for baskets and vases, very distinctly marked with creamy white on a green ground. 15c. each, \$1.50 per doz.

Vinca Elegans. Similar to above, but plain green. 15c. each, \$1.50 per doz.

Vinca Minor Alba. (*Creeping Myrtle*.) Very hardy, will grow in shade, and splendid for cemeteries. Large clumps, 50c. each.

Vinca Minor Cerulea. Similar to the above, but the flowers are blue. Large clumps, 50c. each.

SHRUBBY VINCA.

Handsome bushy plants, producing freely round single flowers $1\frac{1}{2}$ inches across, suitable for pot culture and sunny flower beds. Price, 15c. each, \$1.50 per doz.

ZINNIAS. (Ready May 1st.)

For gorgeous summer and autumn display there is nothing that can equal in effectiveness the improved dwarf, compact growing, large-flowering Zinnias; growing only 2 feet high and bearing flowers of immense size, perfectly double, showing no centre, and Dahlias. Price, 10c. each, \$1.00 per doz., \$6.00 per 100.

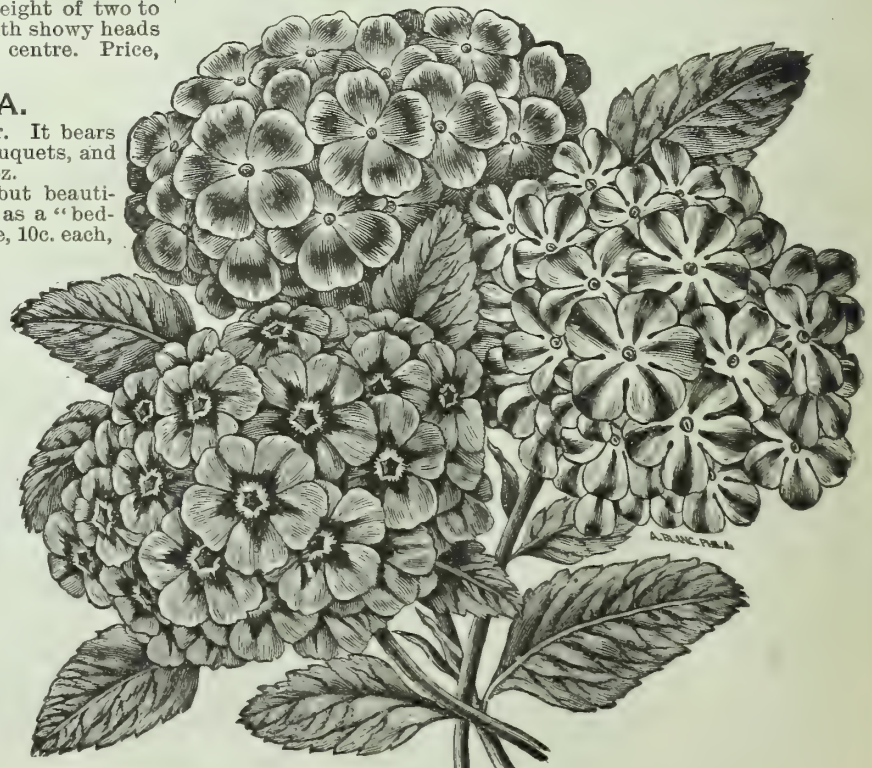
THYME. Gold and Silver.

Drooping habit and valuable for the edges of vases or baskets. The leaves are very fragrant. Price, 10c. each, \$1.00 per doz.



ZINNIA.

as perfect in form as



VERBENAS.

Hardy Shrubs, Rhododendrons, Hedge Plants, Etc.

Below we offer a grand collection of hardy flowering shrubs for lawn decoration. Planted either singly or in groups, the effect of these is always magnificent when in flower. The shrubs we offer are all well-grown, bushy specimens and are finely rooted, having been twice transplanted. With such fine plants to start with, failure is almost impossible if properly planted. We are prepared to quote special prices on larger quantities of any or all the varieties here offered.

Amygdalus. (Flowering Almonds.) We offer these grand shrubs in two colors—red and white. The flowers are as double as a rose and are exceedingly pretty. Price, 50c.

Azaleas (Ghent). Crimson, pink, yellow, etc. Price, \$1.50 each.
Azalea Amcena. Small, double reddish purple flower. Price, 75c. each.

Althea, Double White. Beautiful shrub; double flowers.

Althea, Double Pink. Similar to above, except color, which is pink.

Calycanthus Floridus. Strawberry-scented shrub.

Deutzia Crenata. Pure white, tinged rose color.

Deutzia Gracilis. Pure white throughout; low, compact habit.

Exochorda Grandiflora. Pure white flowers; a grand shrub.

Forsythia Viridissima. Yellow flowers; blooms very early.

Japan Snowball. (*Viburnum Plicatum.*) A beautiful species; foliage deeply corrugated. The balls of flowers are from 4 to 6 inches in diameter, of the purest white, and almost cover the plant when in bloom. Price, 50c. each, \$4.50 per doz.

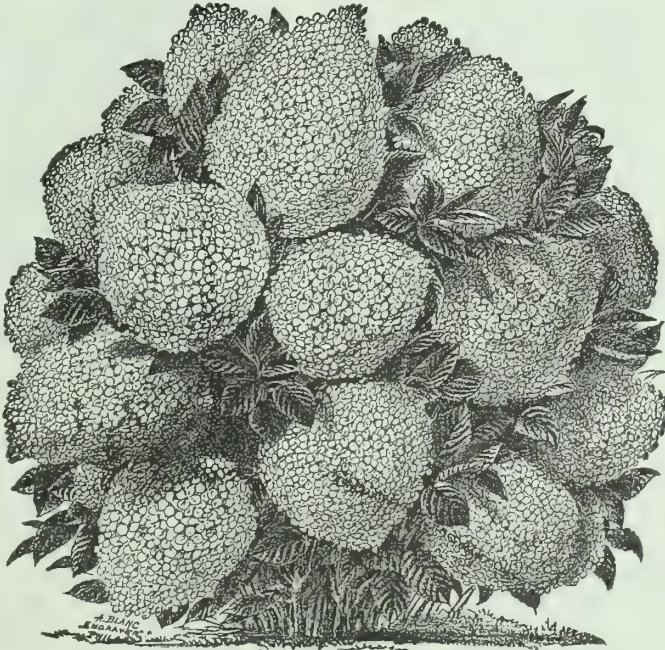
Kerria Japonica. Slender, graceful growth; double yellow flowers.

Lilac. The well-known purple flowering variety.

Lonicera Tartarica. (Bush Honeysuckle.) Pink flowers which contrast beautifully with the foliage. They are very fragrant and appear very early in the season; a beautiful shrub. 35c. each.

Hydrangea Paniculata Grandiflora.

The flowers are formed in large white panicles, 9 inches long, which change to a deep pink at the base as the season advances. It grows five to seven feet high and wide, and, as the flowers slightly droop, few plants have the grace and beauty of this grand shrub. Used largely in cemeteries. (See cut.) Price, 15c., 25c., 50c., or \$1.00 each, according to size; \$1.50, \$2.25, \$4.50 or \$9.00 per doz., according to size.



HYDRANGEA P. GRANDIFLORA.

CLETHRA ALNIFOLIA.

(Sweet Pepper Bush.)

A very desirable dense-growing shrub, with dark green foliage and showy upright spikes of creamy white, intensely fragrant flowers, continuing in bloom a long time. The season of bloom is later than most shrubs, which is a valuable feature. Price, 30c. each, \$3.00 per doz.

Prunus Pindari.

Purple-leaved Plum. Foliage, fruit and shoots of bright purplish red, retaining its color during the heat of summer better than any other purple-leaved tree or shrub. Entirely hardy. Planted with Golden Elder, its beautifully colored foliage presents a most magnificent contrast. Price, 2 to 3 ft., 25c. each, \$2.50 per doz., \$15.00 per 100.

SAMBUCUS AUREA.

Golden-leaved Elder. The finest golden-leaved shrub and invaluable for producing strong effects in grouping. Foliage large and handsome, of the richest golden yellow, which it retains throughout the summer, being the most brilliant in color and succeeding best when planted in full exposure to the sun. Price, 2 to 3 ft., 25c. each, \$2.50 per doz., \$15.00 per 100.

RHODODENDRONS.

These are among the grandest of our hardy flowering shrubs and cannot be surpassed for lawn decoration. The flowers range through shades of rose, pink, crimson, white, etc., 9 to 12 inches in diameter. Price, plants with 8 to 12 buds, \$2.00 each; set of six distinct named sorts for \$9.00. Plants with 4 to 8 buds, \$1.50 each; set of 6 sorts for \$7.50. Young plants, 6 to 10 inches high, 50c. each, \$5.00 per doz.

MAGNOLIAS. (Hardy varieties.) In this grand class of plants for lawn decoration we offer **Conspicua**, pure white; **Soulangiana**, creamy white and purple; **Stellata**, pure white, very sweet-scented; one of the finest ornamental trees in cultivation. All extra large trees, 4 to 5 feet high, at \$3.00 each.

Philadelphus Coronarius. The popular Syringa or Mock Orange.

Ribes. (Flowering Currants.) Assorted colors; very fine.

Snowberry. (*Symphoricarpos Racemosus.*) Pretty pink flowers, white berries, lasting late in fall.

Spirea Van Houtteuii. Flowers pure white, borne in greatest profusion, one of the best in its class.

Spirea Prunifolia. (*Bridal Wreath.*) Pure white double flowers in May and June completely covering the branches. Crimson foliage in autumn.

Spirea Callosa. (*Superba.*) Large clusters of pink flowers borne freely from June to October. A grand hardy shrub.

Spirea Callosa Alba. Similar to the above with white flowers.

Viburnum Opulus. (*Snowball.*) Large drooping white flowers.

Weigelia Candida. Pure white flowers; blooms in fall.

Weigelia Rosea. Rich rose-colored flowers.

All the shrubs on this page we can supply at 30c. each, \$3.00 per doz., except where noted.

WHITE PERSIAN LILAC.

It is doubtful if anything in the whole range of flowering shrubs surpasses this in grace and elegance, or in hardiness and usefulness. As a decorative plant on the lawn or in the border it is without a peer, and its pure white, graceful plumes of sweetly fragrant flowers add grace and beauty to bouquets, vases, etc. As a cemetery plant it is without a rival. The plants we offer are unusually fine. Price, 50c. each, \$4.50 per doz.

HARDY ORANGE.

(*Limonia Trifoliata.*)

A very ornamental shrub, perfectly hardy, large plants having stood for years in Central Park, New York City. Handsome foliage, and white fragrant flowers, succeeded by bright orange-red fruit. It makes an excellent plant for hedges. Price, 20c. each, \$2.00 per doz., \$12.00 per 100.

HIBISCUS.

"Crimson Eye." Foliage veined red; flowers of the very largest size, clear white, with an intensely brilliant crimson spot at the base of each petal. Price, 50c. each, \$4.50 per doz.

HEDGE PLANTS.

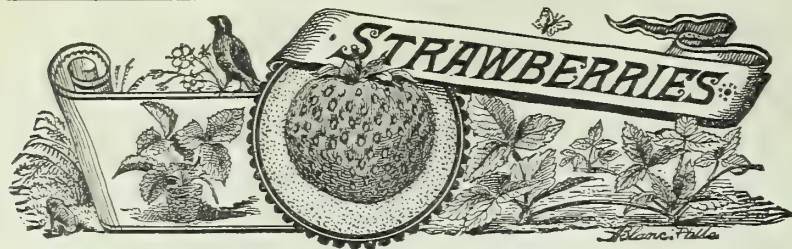
Berberry Purple. Very ornamental; purple foliage, scarlet berries. Price, 25c. each, \$2.25 per doz., \$12.00 per 100.

Pyrus Japonica. (Japan Quince.) Bright scarlet flowers, blooming in early spring. Price, 25c. each, \$2.25 per doz., \$12.00 per 100.

Privet. (Californian.) A splendid hedge plant; glossy green foliage, white flowers. Price, 25c. each, \$2.25 per doz., \$12.00 per 100.

JAPAN MAPLES.

The most ornamental dwarf growing trees it is possible to imagine. The leaves are fantastically cut and fringed, and the wonderful coloring baffles description, ranging through shades of crimson, scarlet, yellow and intermediate shades mingled in marvelous harmony. They are entirely hardy. Price, \$1.50 each.



From our extensive collection we have selected the varieties offered as the best for general use. The Strawberry plants we offer, being strong layered plants which were transplanted into cold frames in the fall, if planted out any time before May 5th will, under proper conditions, give quite a nice lot of fruit, by June 15th of the present year. The plants here offered are far superior to the untransplanted "layers" usually sold. We call particular attention to the **PRICES AT WHICH THESE ARE OFFERED**, which defy all competition when quality of stock is considered.

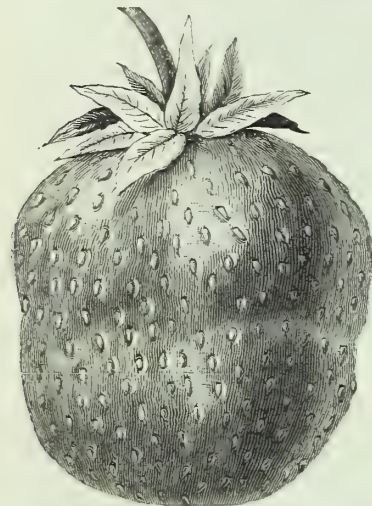
The blossoms of all varieties are bi-sexual or perfect, except those marked with the letter **P**, which are destitute of stamens and are termed pistillate or imperfect. Pistillate varieties must have a row of a perfect-flowered sort planted every 9 or 12 feet apart among them, or, better yet, every third or fourth plant in the row, to pollinize their blossoms. When treated in this way they usually bear more fruit than the perfect-flowered varieties.

BUBACH No. 5 (P).

A superior variety in every respect, of large size and great productiveness. A prominent strawberry grower says: "he has tested every variety sent out in the last 20 years, and if all varieties were culled out but 10, he would place Bubach's No. 5 at the head of the list, on account of its large, bright, well-colored berries, its immense yield and fine flavor." Price, 30c. per doz., \$1.50 per 100.

SHUSTER'S GEM (P).

A magnificent variety with an unusually strong and vigorous plant and bright, healthy foliage. Fruit large, globular shape, regular and uniform, maintaining a good size to the end, beautiful bright scarlet, excellent quality. It is only moderately firm, and hence is not especially adapted for distant shipment, but for the local market or for the home garden it is unexcelled. It does not need petting of any sort, and seems to adapt itself to almost any soil and location. It is a remarkable berry and combines all merits desirable in a Strawberry. Early to mid-season. 35c. per doz., \$2.00 per 100.



SHARPLESS.

SHARPLESS.

One of the most popular. Plant exceedingly vigorous, very productive. Fruit large crimson, firm and of good quality. A profitable variety for market and home. (See cut.) Price, 30c. per doz., \$1.50 per 100.

GANDY.

This is the best and finest late Strawberry yet introduced, and we find it to be the favorite late variety with fruit growers all over the country. By its use the season of strawberries is extended by nearly two weeks. The berries are of large, uniform size and shape, of bright crimson color, very handsome and showy, of superior quality, very firm, and ripen two weeks after Sharpless. For the home table it is invaluable, its fine quality, beauty and size rendering it a universal favorite. (See cut.) Price, 30c. per doz., \$1.50 per 100.

BEDER WOOD. (Racster.)

A valuable sort either for home use or market. The fruit is medium, of good shape and color, firm, and of fine quality. It is productive, and we think all will be pleased with it. This, in our opinion, is the very best early variety ever introduced. It is not only very early, but *immensely productive*. For near market and home use this will be one of the most satisfactory. 35c. per doz., \$2.00 per 100.

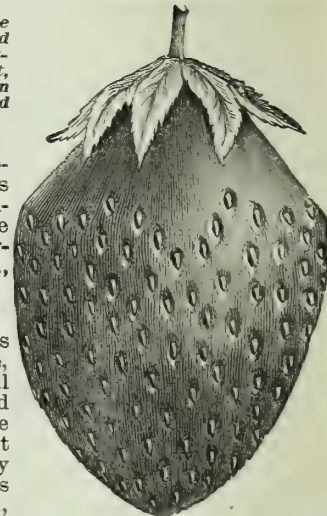


GANDY.

LOVETT.

This fine variety ripens early but continues to near the close of the season, and, owing to its wonderful vigor of plant, it maintains a good size and good form to the end. From first to last, we have yet to see a Strawberry produce so much fruit upon a given space. The berries are of the brightest crimson, excel in firmness any variety except Wilson, which they equal, retain their bright color and "stand up" longer than any other sort, and are of superb quality. In brief, it is an improvement upon both the Crescent and Wilson, from which two varieties it has undoubtedly descended, *being much larger and more prolific than either*. Its great merits are its early ripening, enormous yield, good size, bright color, and its firmness and good shipping qualities. The plant is perfection itself in habit and growth; the foliage is at all times bright and fresh, with not the slightest trace of rust to be found upon it. Price, 35c. per doz., \$2.00 per 100.

Our Prices this Season are lower than ever.
Read what we say on this subject on pages 1 and 2.



PARKER EARLE.

PARKER EARLE.

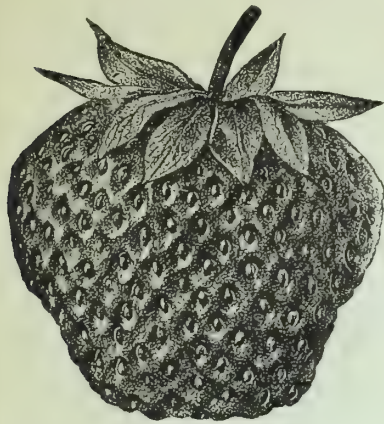
A most wonderful producer, having yielded at the rate of 15,000 quarts per acre. Thorough trials prove its adaptability to all climates, outyielding all others in the South or North, producing prodigiously in either wet or dry seasons. This magnificent new berry originated in Texas and is named in honor of Mr. Parker Earle, the distinguished President of the American Horticultural Society. It produces wonderful crops on light soils and endures hot, dry weather better than most Strawberries. The plant is a robust grower, with perfect flowers, berries large, conical, regular and uniform, glossy crimson, flesh firm, reddish and in quality excellent. It is remarkably vigorous on all soils and under all conditions. Early to medium. (See cut.) Price, 40c. per doz., \$2.00 per 100.

JESSIE.

This large, fine Strawberry has been tested over a large extent of country and has given universal satisfaction. The Wisconsin Horticultural Society, after examining the plants in fruit, unanimously adopted the following: "*Resolved, That the show of the Jessie exceeds anything we have ever seen in size, productiveness and quality, and we believe it possesses more valuable qualities than any new variety now disseminated.*" Price, 30c. per doz., \$1.50 per 100. (See cut.)



JESSIE.



WARFIELD.



JUCUNDA IMPROVED.

WARFIELD. No. 2. (P.) A variety that excels in size and yield, beauty and firmness, the celebrated Crescent. Quality pleasant sub-acid, very vigorous grower, with bright healthy foliage. An early variety and one that we highly recommend. A decidedly valuable sort for the general grower. For healthy, vigorous growth and great productiveness it cannot be surpassed. It is among the first to ripen and among the last to yield a good picking. (See cut.) 35c. per doz., \$2.00 per 100.

JUCUNDA IMPROVED. One of the finest and most attractive of strawberries, excellent for the home garden and for markets where large, fancy fruit is in demand. It is really an improvement upon the old Jucunda, the berries closely resembling that old favorite and possessing all its good qualities, but the plant is as strong, vigorous and free from disease as the Wilson. It is, indeed, a grand variety, and especially valuable for its large handsome fruit. Medium to late. (See cut.) 35c. per doz., \$2.00 per 100.

PARRY. For beauty, size, quality and productiveness, this variety is unsurpassed; the flavor is very fine, and the plants do well in most soils and locations. 30c. per doz., \$1.50 per 100.

MICHEL'S EARLY. This is the only strawberry entitled to be called "early," being two weeks earlier than any other variety. It is a robust, strong grower, rooting deeply, and throwing large luxuriant foliage on long stems, with never a trace of rust or mildew. It yields bountifully, being as productive as the Crescent; berries medium to large, handsome regular form, color bright scarlet. 30c. per doz., \$1.50 per 100.



How they are grown.

The Blackberries we offer are all strong *Root Cutting* plants which are vastly superior to the "sucker plants" so largely sold. The varieties offered are the very best on the market. For garden culture Blackberries should be planted in rows five feet apart with three feet between the plants in the rows. If wanted by mail, postage must be added at the rate of 10c. per doz.

EARLY HARVEST. The earliest blackberry except Early King. The berries are not of the largest size, but very uniform and of a bright glossy blackness that renders them extremely enticing. For the South its value can scarcely be overestimated, and its early ripening brings it into market at a time when it has no competitors. Price, 50c. per doz., \$3.00 per 100.

ERIE. The most popular of all the standard blackberries. The canes are of ironclad hardness, of the strongest growth, free from rust, double blossom and all other diseases, and wonderfully productive, bending the robust canes to the ground with the weight of fruit. The berry is of the very largest size, exceeding the Wilson, Kittatinny or Lawton, of excellent quality, handsome and firm. Early. 60c. per doz., \$4.00 per 100.

LAWTON. An old favorite, esteemed for its productiveness and large size. Delicious when fully ripe, but turns black in advance of ripening. Medium to late. Price, 50c. per doz., \$3.00 per 100.

WILSON JUNIOR. Takes the place of the old Wilson's Early; it possesses all its good qualities and is harder and more productive, combining size, earliness and productiveness with the fine appearance and market properties of that variety. The fruit in all respects fully equals that of its parent, Wilson's Early, which it has now completely superseded; holds its bright color and carries well to market. It proves entirely hardy in New Jersey, withstanding the winters here without injury, quite unprotected. Price, 50c. per doz., \$3.00 per 100.



A. BLANC

A few words about growing them.

Plant in rows four feet apart, and the plants three feet apart in the rows. So soon as the leaves turn yellow and begin to fall, remove all the old wood and cut back the young shoots a third of their length—cutting to the ground enough of these to admit air and light into the bush freely. When the currant worm appears, it can be exterminated by dissolving powdered white hellebore in the proportion of an ounce to a pail of water, and applied with a syringe upon the leaves. See our offer of insecticides on last pages. The 1-year plants can be sent by mail if 10c. per doz. additional is added. The 2-year plants are too large for mailing.

FAY'S PROLIFIC. Has fully sustained the broad claims which were made for it by the disseminator upon its introduction; and it is decidedly the best red currant we have. It has been widely planted and has given general satisfaction. The bush is a strong grower, wonderfully prolific, and comes into bearing early. Fruit large, bright red, and of good flavor, and less acid than Cherry, which it is rapidly superseding. Those who want a profitable red currant and do not plant this variety are missing a valuable opportunity. 1-year, \$1.25 per doz., \$7.00 per 100; 2-year, \$1.50 per doz., \$10.00 per 100.

LARGE RED CHERRY. The most popular market sort, and uniformly the largest of all red currants except Fay's Prolific. Bunches large, berries very large, bright, sparkling crimson, beautiful, very acid. Bushes of rugged, vigorous growth and only moderately productive. \$1.00 per doz., \$6.00 per 100.

WHITE GRAPE. The largest and decidedly the best white variety, and one of the best of any for the home garden. Bunch large and long; berry large, handsome, translucent white, and of best quality, being less acid than others. Bush free grower and very productive. This is a splendid variety for table use by reason of its beauty and fine flavor, forming a lovely contrast to the red varieties. \$1.00 per doz., \$6.00 per 100.

BLACK NAPLES. A fine black currant and a general favorite. \$1.00 per doz., \$6.00 per 100.

Our Prices this Season are lower than ever. Read what we say on this subject on pages 1 and 2.



This fruit, so popular in Europe, is beginning to receive the attention in America that it well deserves. Plant in rows four feet apart and three feet between the plants in the rows. The culture is the same as the Currant, which please see.

* INDUSTRY * GOOSEBERRY. *

A Gooseberry possessing desirable qualities for table and market has long been a desideratum. The foreign varieties, wherever tried, have either mildewed more or less, or they have made an unsatisfactory growth. Hence a large, handsome sort of good quality has been much sought after. Although a foreign sort, it has done admirably for many seasons, being a vigorous grower and an immense yielder, and showing no signs of mildew. We confidently recommend it for the garden and market, being unequalled for size, flavor, productiveness and vigorous growth. Color, dark red. 25c. each, \$2.50 per doz., \$15.00 per 100.

* DOWNING GOOSEBERRY. *

The best of the American sorts and a vast improvement upon the Houghton, of which it is a seedling. Fruit large, pale green, and of excellent quality, both for cooking and table use. Bushes stocky, vigorous, hardy, very prolific, and nearly free from mildew, but densely clothed with large, sharp spines. We recommend this as the best for general planting. 1-year, 60c. per doz., \$4.00 per 100; 2-year, 75c. per doz., \$5.00 per 100.



DIRECTIONS FOR PLANTING.

Plant in rows six feet apart and eight feet apart in the row. Dig holes sufficiently large to amply accommodate the roots of the vine and use only fine surface soil in filling in, mixing with it a little ground bone. Cut back one-year vines to two eyes, placing the lower one beneath the surface; cut back two-year vines to three or four eyes, putting two or three eyes below the surface. Spread the roots out, after trimming them; place the stock of the vine at one side of the hole and fill up with fine soil, pressing down firmly with the feet. Set a stake by the side of the stock, to which the vine should be kept tied, which will be all the support needed for two years. Keep old wood trimmed off, growing fruit on new canes. Any manner of pruning that will admit the sun and air to the fruit will ensure a crop.

MOORE'S "DIAMOND" GRAPE.

This is the product of a cross between that grand old variety, "Concord," and the highly esteemed "Iona," combining in one kind the two qualities most desired in a grape, viz., vigor and hardiness of vine with high quality of fruit. In vigor of growth, color and texture of foliage, with hardiness of vine, it is the equal of its parent, "Concord," while in quality the fruit is equal to many of our hothouse grapes. It is among the earliest and ripens from two to four weeks ahead of "Concord." Price, 2-year-old vines, from original stock, 75c. each; 1-year-old vines, 50c. each.

FOREIGN GRAPE VINES.

MUSCAT OF ALEXANDRIA. Large grape of light golden color; the most popular of the white kinds.
 BLACK HAMBURG. Black. | White Frontignan. White.
 Charlesworth Tokay. White. | Royal Muscadine. White.



BRIGHTON.

"BRIGHTON" GRAPE.

We illustrated this in colors on the back cover of our catalogue in 1889. It still remains the best grape in its color for table use; in fact, too much cannot be said in praise of this as to quality and other properties. In color, form and size of both bunch and berry, it resembles Catawba, but ripens early—with the Delaware. Vine a free grower and productive. Price, 2-year vines, 30c. each, \$3.00 per doz.

"EATON" GRAPE.

This promising new Grape is similar in foliage to Concord, and in growth, health, hardiness and quality is in every respect its equal, while in size of bunch and berry it is much larger and more attractive in appearance. Leaf large, thick, leathery, covered on the under side with a thick brownish yellow down. Bunch large, sometimes twelve to twenty-five ounces, compact, double-shouldered; berries very large, many one inch in diameter, round, black, covered with heavy blue bloom; adhere firmly to the stem; skin thin but tough, pulp tender, separating freely from the seeds and dissolving easily in the mouth. Very juicy; ripens with Concord or a little earlier. Price, 2-year vines, 75c. each; 1-year vines, 50c. each.

HARDY GRAPES IN VARIETY.

Agawam. (Rogers' No. 15.) Berries large, of bronze color; bunches of good size and form.
 Brighton. One of the best red grapes. (See cut and description above.)
 Concord. One of the best old sorts. Bunch and berries large; color black with a rich bloom.
 Delaware. Red; bunches compact; berries small, sweet and of the most excellent flavor.
 Duchess. Greenish white; splendid quality.
 Moore's Early. Resembling the Concord in style of growth and berry, ripening two weeks earlier. 40c. each.
 Martha. One of the best greenish white grapes; exquisite flavor.
 Niagara. A grand white grape; hardy, fine quality.
 Salem. (Rogers' No. 22.) A splendid white grape, tinged with pink.
 Worden. Black; very juicy; large size; early.
 Wilder. (Rogers' No. 4.) An excellent variety. Berries medium; bunches large; color black. A good bearer.
 Wyoming Red. A fine light red, medium size, splendid quality and wonderfully productive grape.
 Price, very strong two-year-old plants, 30c. each, except where noted, \$3.00 per doz. Full set of 15 Hardy Grapes for \$4.00.

(For Glass-covered Graperies.)

Lady Down's. Black. | Maddresfield Court Muscat. Black.
 Cannon Hall Muscat. White. | Splendid vines, \$1.25 each, \$12.00 per doz. Extra large fruiting vines of Black Hamburg, \$5.00 each.

Our Prices this Season are lower than ever. Read what we say on this subject on pages 1 and 2.



RED RASPBERRIES.

(If wanted by mail, add 10c. per doz.)

- THOMPSON'S EARLY PROLIFIC.** Probably the best early red raspberry for general cultivation that we now have. The plant is an excellent grower; canes erect, stout and hardy. Berries are medium to large in size, of a bright crimson color, very productive. It is the earliest red raspberry we have seen, coming into bearing just as the strawberry season is over. Price, 75c. per doz., \$5.00 per 100.
- CUTHBERT.** The leading market variety; proved of such general adaptability. Canes hardy and of strong rampant growth, with large healthy foliage, and exceedingly productive. Berries large, dark crimson, quite firm and of good flavor. Season late. Price, 50c. per doz., \$2.00 per 100.
- MARLBORO.** The largest of the early red raspberries, ripening a few days later than Hansell. The canes are hardy and fairly productive. Fruit exceedingly large, bright crimson, and of fair quality. Price, 50c. per doz., \$2.00 per 100.
- Hansell.** Profitable on account of its earliness, bright color and firmness. Canes rather small, but hardy and productive; with tough, healthy foliage. Berries large, crimson, good quality and firm. Price, 50c. per doz., \$2.00 per 100.

YELLOW RASPBERRIES.

- Golden Queen.** The most popular and best yellow Raspberry yet introduced. Of large size, great beauty, high quality, hardiness and productiveness. Fully equal to Cuthbert in size of fruit and vigor of growth. Price, 10c. each, 75c. per doz., \$5.00 per 100. (If wanted by mail, add 10c. per doz.)

Cabbage and Cauliflower

That have been *hardened off in cold frames*, and are ready to plant out at any time from *March* to end of *April*, of the following varieties:

If by mail, add 25c. to 100 price.

- Cabbage.** Henderson's Early Summer. Price, \$1.00 per 100, \$9.00 per 1,000.
— Succession. \$1.00 per 100, \$9.00 per 1,000.
— Early Jersey Wakefield. \$1.00 per 100, \$9.00 per 1,000. (Ready Jan. 1st.)
- Cauliflower.** Early Paris. \$2.00 per 100, \$15.00 per 1,000. (Ready Jan. 1st.)
— Henderson's Early Snowball. \$2.00 per 100, \$15.00 per 1,000.
- Field-grown plants of Cabbage and Cauliflower, ready May 15th, at half these rates.*

Egg Plants (Pot Grown).

(READY MAY 15TH.)

- N. Y. Improved.** 10c. each, \$1.00 per doz., \$6.00 per 100.
Black Pekin. 10c. each, \$1.00 per doz., \$6.00 per 100.

Pepper Plants (Pot Grown).

(READY MAY 15TH.)

- Large Bell or Bull Nose.** 10c. each, \$1.00 per doz., \$6.00 per 100.
Sweet Mountain. 10c. each, \$1.00 per doz., \$6.00 per 100.

Lettuce.

- Boston Market.** \$1.00 per 100, \$7.50 per 1,000.
Curled Simpson. \$1.00 per 100, \$7.50 per 1,000.

Rhubarb Roots.

- St. Martin's.** A new English variety, now grown largely for the London market. It is not only immensely productive, but it is also one of the earliest, and, above all, it has a rich, spicy flavor, very similar to the gooseberry, when used for pies or tarts. 30c. each, \$3.00 per doz.
- Victoria.** The standard variety. 20c. each, \$2.00 per doz.

TOMATO PLANTS.

(READY MAY 1ST.)

- Early Ruby.** 30c. per doz., \$2.50 per 100.
Table Queen. 30c. per doz., \$2.50 per 100.
Perfection. 30c. per doz., \$2.50 per 100.
Dwarf Champion. 30c. per doz., \$2.50 per 100.
Acme. 30c. per doz., \$2.50 per 100.
Paragon. 30c. per doz., \$2.50 per 100.
The Trophy (from headquarters seed). 30c. per doz., \$2.50 per 100.
The Mikado. 30c. per doz., \$2.50 per 100.
Ponderosa. 40c. per doz., \$4.00 per 100

THIS favorite fruit is second only to the strawberry in importance. They do very well in a partially shaded place where they will receive one-half the sunlight. They may be planted in rows four feet apart with two feet between the plants in the row, or in hills four feet apart each way, setting three plants in a hill. In pruning, thin out the shoots in each hill to four or six; this is best done in the summer after the fruit is gathered, and at the same time cut out the old canes that have borne fruit so that the young shoots may develop and ripen their wood for the following season's crop.

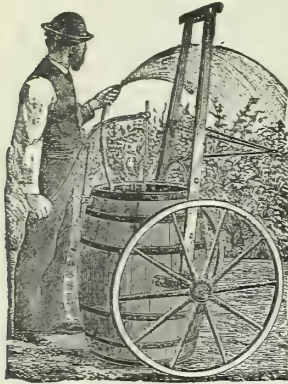
BLACK RASPBERRIES. "Caps."

- Plant about four feet apart each way, or in rows five feet apart with two feet between the plants in the rows. Thin out the wood which has borne fruit after the crop is off and pinch back the growing shoots when they are about four feet high, about eighteen inches long. The plants we offer are all *transplanted*, hence infinitely superior to those usually sold. (If wanted by mail, add 10c. per doz.)
- LOVETT RASPBERRY.** The Lovett Raspberry has the past season fully sustained, in a fruiting field of six acres, all that has been claimed for it; and, taken all in all, has *proved itself to be by far the best black raspberry that has as yet been put upon the market.* It is of ironclad hardness, and is the strongest in growth of cane of any. In the home garden especially its sweet fine flavor and small seeds will make it welcome while its other prominent characteristics render it decidedly profitable for market growing. Price (transplanted plants), \$1.25 per doz., \$8.00 per 100.
- PROGRESS.** (*Pioneer.*) Is a most profitable market sort, entirely hardy. Berries jet-black, very firm and of good quality. Price (transplanted plants), 50c. per doz., \$3.00 per 100.
- SOUHEGAN or TYLER.** A very early blackcap and the leading early market sort. It ripens its entire crop in a very short period. Canes vigorous and hardy, with foliage healthy and free from rust; wonderfully productive. Fruit of good size, jet-black with but little bloom, firm and of sweet pleasant flavor. Price (transplanted plants), 50c. per doz., \$3.00 per 100.
- GREGG.** (*Cap.*) A popular market sort. Canes of strong vigorous growth and under good culture, productive. Berries very large, covered with heavy bloom, firm, meaty, and of fine flavor. It requires good strong soil to produce best results and responds liberally to generous treatment. It is not entirely hardy but suffers during unusually hardy winters. *Transplanted*, 50c. per doz., \$3.00 per 100.



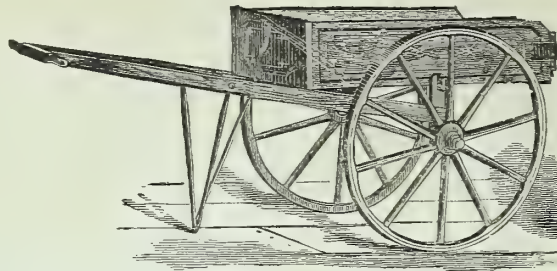
"LOVETT" RASPBERRY.

Our Prices this Season are lower than ever. Read what we say on this subject on pages 1 and 2.



WITH FORCE PUMP ATTACHMENT.

Henderson's Water Barrel and Truck.



WITH HAND-CART BOX.



WITH SPRINKLER ATTACHMENT.

The barrel is raised from the ground, carried to the place desired and *instantly detached*, all without handling. The weight being balanced over the axle, no lifting or down pressure is needed in transportation. Other barrels for various purposes can be used as needed, extra trunnions being furnished, if desired, which can be readily attached to any barrel, thus increasing the value of the Truck. We have wheels of 1½, 2½ and 4 inch tire, but always send Truck with wheels 1½ inch tire unless otherwise specified. We also supply as extra attachments the following: A Box with trunnions and spring catch, making a very superior dumping Hand-cart. The Sprinkler is invaluable for watering lawns and sprinkling walks. Water is turned on and off by hand wheel and ball valve. The Force Pump can be used for washing windows and carriages, spraying trees, watering plants and hot-beds. It is all brass, works very easily, and throws a stream 40 feet, and is well adapted for spraying trees and shrubbery with insecticides. A Leaf Rack, very useful for removing leaves and litter. (*Knocks down for shipment.*)

PRICES.

Truck and Barrel, 1½ in. tire.....	\$11.00	Extra Barrel.....	\$2.75	Leaf Rack.....	\$4.00
" " 2½ "	12.00	Extra Trunnions, per pair.....	.50	Sprinkler Attachment.....	3.00
" " 4 "	13.00	Hand-cart Box.....	3.00	Force Pump Attachment.....	6.00

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ESTABLISHED 1844.

Greenhouse Heating and Ventilating, Horticultural Architecture and Building.

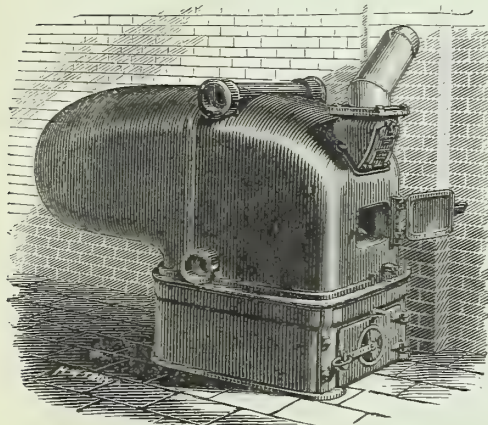
Iron Frame Rose Houses, Greenhouses and Conservatories erected complete or shipped ready for erection.

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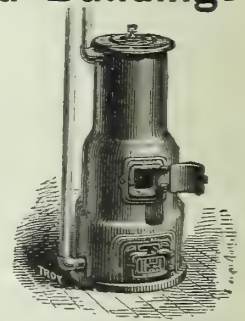
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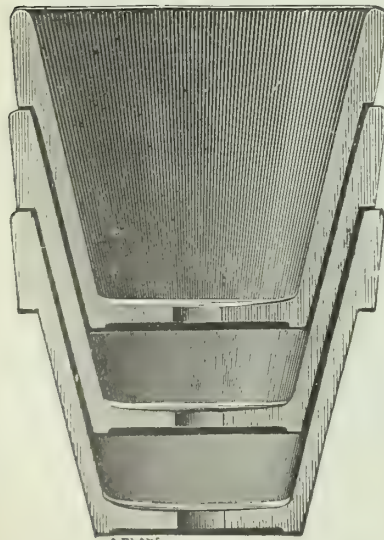
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CORRUGATED FIRE BOX BOILER. (FIVE SIZES)



BASE-BURNING HOT-WATER HEATER. (FOUR SIZES.)



ADVANC.

The Whilldin Pottery Co.

Office and Factory,
713, 715, 717 and 719 Wharton St., Philadelphia, Pa.

Branch Warehouses,
Randolph Ave. and Union St., Jersey City, N. J., and
Jackson Ave. and Pearson St., Long Island City, N. Y.

— MANUFACTURE THE —

“STANDARD” FLOWER POT,

As adopted by The Society of American Florists at their Annual Meeting held in New York City, August 23d, 1888, and was awarded the only First-class Certificate of Merit, at their Annual Meeting held in Boston, Mass., August 20th, 1890.

As will be seen by the engraving, this Pot is stronger, less liable to break, and hence can be safely packed to carry to any distance better than the old style of Flower Pots.

Our “Standard” Flower Pots are used extensively in all the leading floral establishments in the United States.

PRICES SENT ON APPLICATION.





NO. 2 HAND SEED DRILL.
Furrower, Marker, Hiller and Ridger combined, horse power.....\$12 00
Nine-Tooth Horse Hoe and Cultivator combined..... 12 50

Peter Henderson & Co.'s Special Low Net Prices.

PLANET HAND IMPLEMENTS.		PLANET HORSE IMPLEMENTS.	
Hill Dropping Drill.....	\$10 00	Horse Hoe and Cultivator combined, all Steel, with lever wheel. No. 6....	\$8 50
Combined Hill Dropping and Fertilizer Drill.....	15 00	Market Gardeners' Horse Hoe.....	8 50
No. 2 Hand Seed Drill.....	7 50	Beet Growers' Horse Hoe.....	8 00
Combined Drill, Cultivator, etc.....	10 00	Twelve-tooth Harrow, Cultivator and Pulverizer, complete.....	8 50
Double-wheel Hoe, complete.....	6 75	Pulverizer and Leveler.....	8 50
Plain Double-wheel Hoe, 1 pr. Hoess.....	4 00	Double Celery Hiller.....	9 50
Single-wheel Hoe, complete.....	5 00	Single Celery Hiller.....	8 00
Hand Plow.....	2 15		
		Sweet Potato Horse Hoe.....	8 50
		Plain Cultivator, with lever wheel, horse power.....	6 25

"Planet Jr." No. 2 Hand Seed Drill.

This Standard Drill holds two and a half quarts. It sows all garden seeds in a continuous row, accurately, any desired thickness or depth. It opens, drops, covers and rolls down and marks the next row, all at one time, in the most perfect and reliable manner. Its construction is simple, it runs easily, and its sowing devices are in no way dangerous to the vitality of the seed. It will sow a single thimbleful of fine seed with regularity for a hundred feet, and will work five pounds with the same perfection. The continual revolution of the hopper keeps the seed in a loose condition, and makes the sowing of Carrot, Parsnip, Beet, Salsify, etc., easy and satisfactory. The plow is directly between the wheels, and therefore opens the furrow at a perfectly regular depth, and the covering is also very accurate. **Our Net Price, \$7.50.** (Manufacturer's Price, \$9.00.) Weight, packed, 40 lbs.

"PLANET JR." HAND SEED DRILL, Combined with Wheel Hoe, Cultivator, Rake and Plow.

As a seed drill it is exactly the same as the No. 2, described above, except in size; it holds one quart. The tools sent with each machine are shown in the cut. As a cultivating and hoeing implement, it does practically the same range of work as the "Double-wheel Hoe," described below. Taken as a whole, this combined tool is the nearest approach to perfection for the use of a gardener that can well be devised. **Our Net Price, \$10.00.** (Manufacturer's price, \$12.00.) Weight, packed, 40 lbs.

The Planet Jr. "Hill Dropping" Hand Seed Drill.

Sows either in hills or in a continuous row.

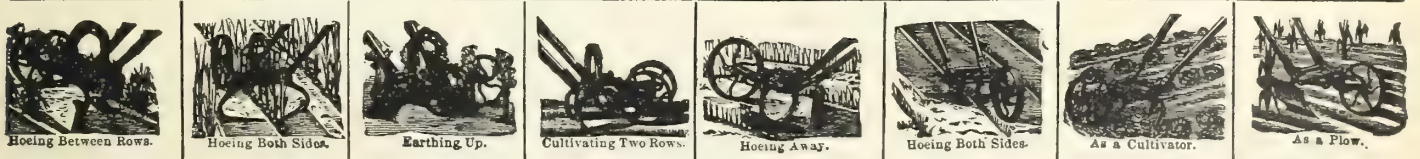
This splendid new machine holds two quarts of seed and sows it with great regularity, whether full or nearly empty, at any depth from 1/4 to 2 inches deep. It will sow any kind of seed, whether as fine as Celery or as coarse as Beans, either in hills, 4, 6, 8, or 12 inches apart, or in a continuous drill, and is easily changed in a moment from one to the other. It opens the drill, sows the seed, covers it, rolls it, and marks the next row, all at one operation. It sows equally well in any soil, on the level or on ridges; can be thrown in or out of gear instantly, so the discharge of seed can be stopped at the end of the row.

Sowing in hills uses much less seed, saves much thinning out, and insures more vigorous plants at even distances. Weight, 44 lbs. **Low Net Price, \$10.00.** (Manufacturer's price, \$12.00.) We have an extra attachment for sowing Onion Seed for sets, distributing the seed 4 inches wide. Price, 50c.

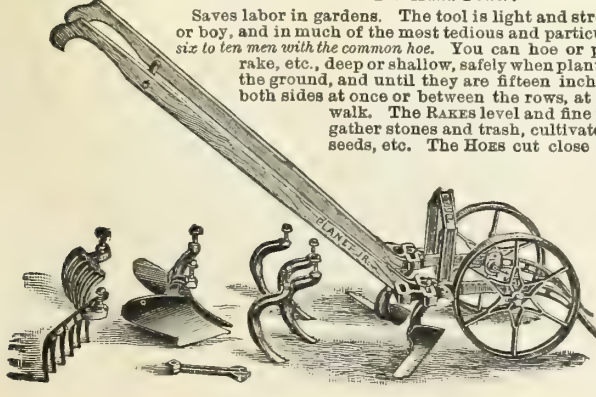
The Planet Jr. "Hill Dropping" Hand Seed Drill Combined with Fertilizer Attachment.

The seed-sowing arrangement of this drill is exactly the same as the one described above, with a fertilizer attachment in addition. The fertilizer hopper holds one peck; the machine will sow either seed or fertilizer alone, or both at one time, as desired; it will sow fertilizer either above or below the seed, and the quantity can be accurately gauged by dials—the discharge of either or both may be stopped or started instantly, separately or together. Weight, packed, 53 lbs. **Our Net Price, \$15.00.** (Manufacturer's price, \$18.00.)

THE PLANET JR. HAND CULTIVATING AND HOEING TOOLS.



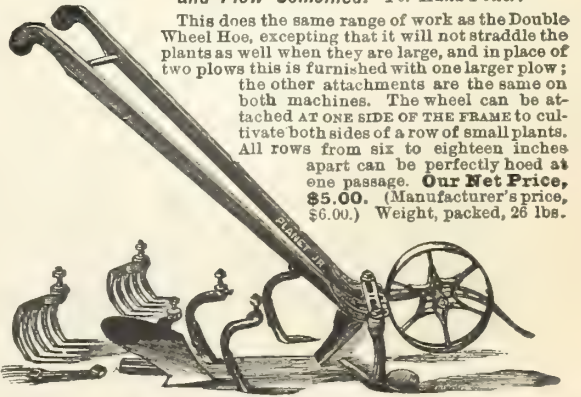
"Planet Jr." DOUBLE Wheel Hoe, Cultivator, Rake and Plow Combined. For Hand Power.



"PLANET JR." DOUBLE WHEEL HOE.

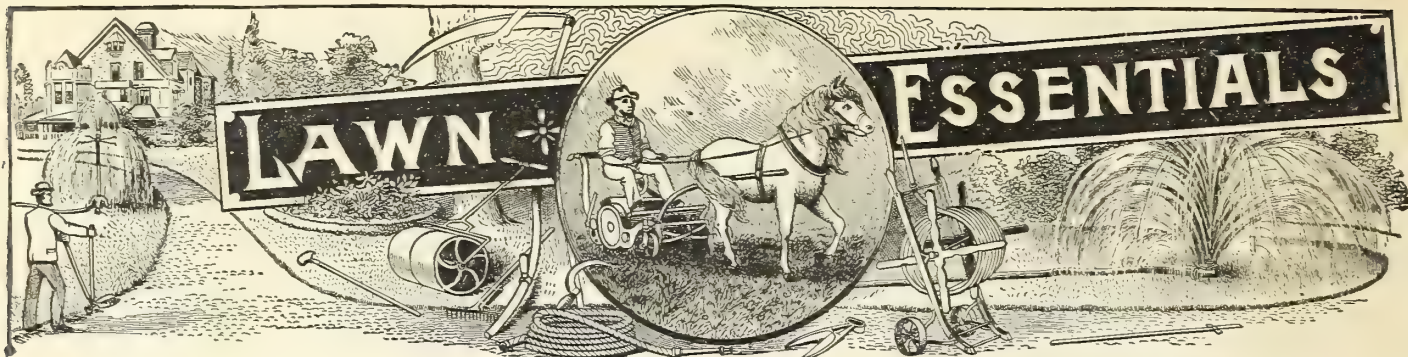
Saves labor in gardens. The tool is light and strong, can be used by man or boy, and in much of the most tedious and particular work it does as much as six to ten men with the common hoe. You can hoe or plow to or from, cultivate, rake, etc., deep or shallow, safely when plants are just coming through the ground, and until they are fifteen inches high, and all the time both sides at once or between the rows, at the speed of a moderate walk. The RAKES level and fine the ground for planting, gather stones and trash, cultivate plants when small, cover seeds, etc. The HOES cut close and clean, killing everything they meet, leaving the ground level. The CULTIVATOR teeth mellow the soil deep or shallow. The PLOWS lay out deep furrows and cover them and hill-up or plow away, as desired. The LEAF GUARDS lift aside overhanging foliage and leave them uninjured. They are detachable. **Our Net Price, \$6.75.** (Manufacturer's price, \$8.00.) Weight, packed, 35 lbs.

The "Planet Jr." SINGLE Wheel Hoe, Cultivator, Rake and Plow Combined. For Hand Power.



"PLANET JR." SINGLE WHEEL HOE COMPLETE.

This does the same range of work as the Double Wheel Hoe, excepting that it will not straddle the plants as well when they are large, and in place of two plows this is furnished with one larger plow; the other attachments are the same on both machines. The wheel can be attached at ONE SIDE OF THE FRAME to cultivate both sides of a row of small plants. All rows from six to eighteen inches apart can be perfectly hoed at one passage. **Our Net Price, \$5.00.** (Manufacturer's price, \$6.00.) Weight, packed, 25 lbs.



“The Henderson Perfect,” { Our New } Lawn Mower.

Incomparably the Superior of any Mower on the Market.

The sharp competition in Lawn Mowers for the past three years has so reduced prices that, in consequence, the quality of both material and workmanship has deteriorated to such an extent that our customers tell us that it is almost impossible to get a Mower that will cut satisfactorily for any length of time, and the many requests for a high-class Mower has induced us to manufacture an entirely new Lawn Mower, “**The Henderson Perfect**,” and we claim for it—and guarantee the claim—that it will prove the most durable of any side-wheel Mower ever manufactured, being made of best quality new iron, patent journal-boxes, and the knives of high-grade steel. It will keep sharp, cut well, and last three or four times as long as a cheap Mower. There are also many details of construction essentially different from any other Mower, and which could not be afforded on low-priced machines, simply made to sell. For instance, the bottom knife-bar is stationary, making the frame perfectly rigid; the revolving cutter works in patent hangers, the cutter being adjusted to the stationary knife. A positive triple ratchet in each end is a grand improvement, giving great strength, and will last as long as the Mower. The gears do not move when the machine is pulled back, thereby saving much friction and wear, and a patent terrace mowing arrangement is a very effective and a valuable addition. The wheels are high (8 inches), enabling the Mower to cut high grass with ease. It is very light-running, noiseless, and leaves the surface of the lawn as smooth as velvet.

We reiterate, that “**The Henderson Perfect**” has been made, regardless of expense, to be the best and most durable Lawn Mower ever gotten up; and, although the price is necessarily a little higher than other Mowers, yet it will in the end prove much cheaper, aside from the annoying delays and expensive repairs experienced with cheap Mowers.

Prices of “The Henderson Perfect” Hand Lawn Mower.

(Strictly net. No charge for packing or cartage.)

12 in., \$6.00 | 14 in., \$7.00 | 16 in., \$8.00 | 18 in., \$9.00 | 20 in., \$10.00

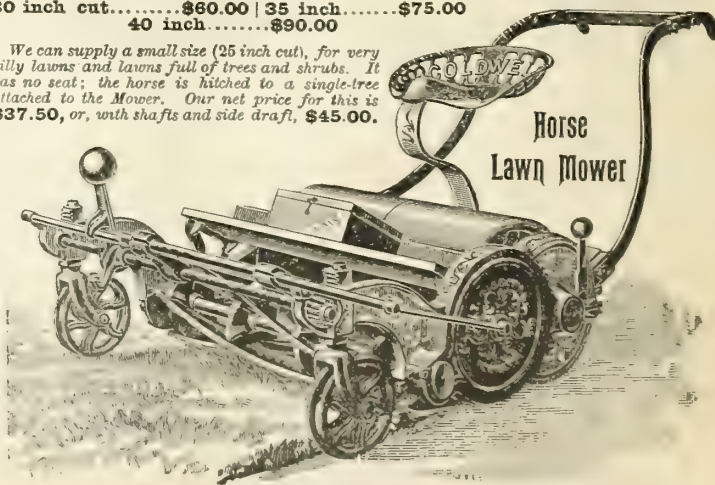
New Excelsior Horse Lawn Mower.

We guarantee this to be the best and most perfect Horse Lawn Mower manufactured. It is used exclusively by the Government, and on the largest public and private lawns in the country. They are furnished with shafts, seat and side draft attachment, which keeps the horse on the cut grass only. Every Mower warranted to give complete satisfaction.

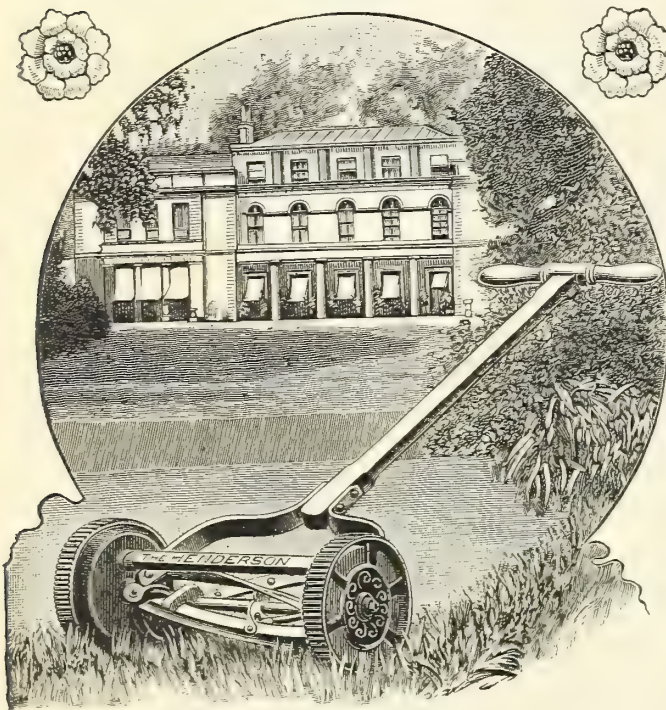
LOW PRICES (strictly net). No charge for packing or cartage.

30 inch cut.....\$60.00 | 35 inch.....\$75.00
40 inch.....\$90.00

We can supply a small size (25 inch cut), for very hilly lawns and lawns full of trees and shrubs. It has no seat; the horse is hitched to a single-tree attached to the Mower. Our net price for this is \$37.50, or, with shafts and side draft, \$45.00.



HORSE LAWN MOWER.



“THE HENDERSON PERFECT,” OUR NEW LAWN MOWER.

Our “Low Priced” Hand Lawn Mower.

A GOOD MOWER—Self Sharpening, Light Running, Simple Adjustments.

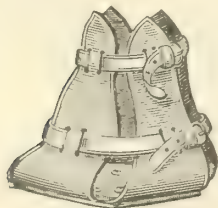
There being quite a demand among customers who have but a small lawn or grass plot for a cheap Lawn Mower, we therefore offer the best of this class. It will cut just as well as a high-priced Mower for a time, depending upon the amount of work it has to do.

PRICES (strictly net). No charge for packing or cartage.

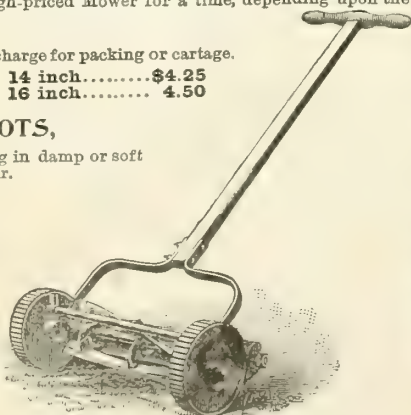
10 inch.....\$3.75 | 14 inch.....\$4.25
12 inch..... 4.00 | 16 inch..... 4.50

HORSE BOOTS,

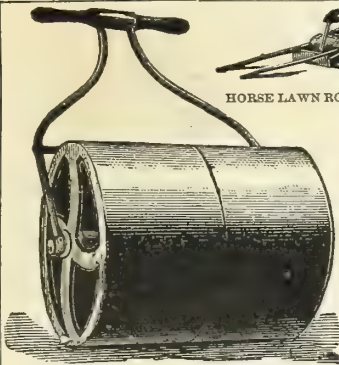
To prevent horse from sinking in damp or soft ground, \$9.00 per set of four.



HORSE BOOT.



OUR “LOW PRICED” LAWN MOWER.



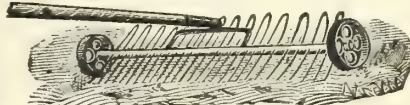
IRON GARDEN AND LAWN ROLLER.



HORSE LAWN ROLLER.



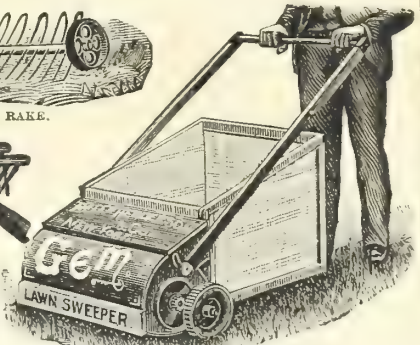
GEM LAWN RAKE.



CHAMPION WHEEL LAWN RAKE.



SELF-CLEANING LAWN RAKE.



GEM LAWN SWEEPER.

LAWN RAKES.

Automatic Self-Cleaning. 22 teeth, 75c.; 26 teeth, 85c.
The Gem. The guard prevents the rubbish from falling over back, and the teeth will not catch in the ground. Price, 50c. ea.
Champion Wheel. Can be used either as a grass or leaf rake, reversible handle. 25½ inches long, 28 teeth. Price, \$1.00 each.
Common Wood. 3 bow, 22 teeth. 40c. each, \$4.00 per doz.

IRON LAWN ROLLERS, Hand Power.

Detachable weights attached to the central shaft; always keep the handle up and clean.

SIZE AND PRICES.	Width of Roller.	Height of Roller.	Weight about	Net Prices.
No. A. 2 Section.	15 inch.	15 inch.	125 lbs...	\$6.00
" C. 1 "	20 "	20 "	220 " ...	10.00
" D. 2 "	24 "	20 "	300 " ...	13.00
" E. 3 "	36 "	20 "	450 " ...	18.00
" G. 2 "	24 "	24 "	400 " ...	16.00
" I. 2 "	24 "	28 "	500 " ...	18.00

IRON LAWN ROLLER, Horse Power.

With shafts and seat. 4 sections, each 20 in. high by 12 in. wide, making roller 4 ft. wide, weighing about 650 lbs. The weight can be increased by loading. Net price, \$33.00.



GRASS EDGING SHEARS.

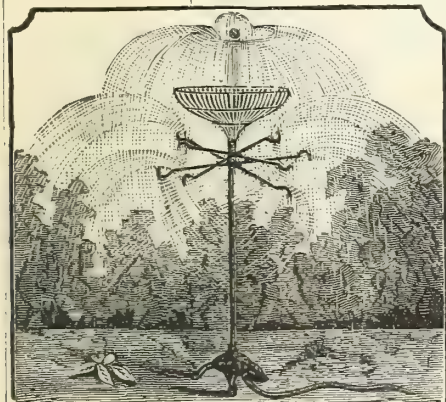
THE "GEM" HAND LAWN SWEEPER

Will thoroughly clean a lawn of all loose and dead grass, leaves, twigs and even small stones and dirt. It works rapidly, easily and does its work thoroughly. A revolving brush and rapidly revolving fan are the principles of its operation. By raising or lowering the handles the brush is raised or lowered so it will sweep down to the roots or pass over the surface as desired. It works equally well on long or short grass. Every machine guaranteed to give satisfaction. For shipment they "knock down" and pack closely.

Low Net Prices, 18 in., weighs 30 lbs., \$8.00; 24 in., weighs 34 lbs., \$10.00; 30 in., weighs 38 lbs., \$12.00.



LAWN SHEARS.



THE HENDERSON LAWN SPRINKLER.

Grass Edging or Border Shears. For trimming the overhanging grass around the edges of walks, etc. Price, with 9 inch blade, \$2.50, or with wheel, \$3.00.

Lawn Shears. For cutting grass under shrubs, fences, etc. Price, with 2 wheels, 9 inch blades, \$2.75.

Weed Cutter. A chisel-blade, with foot-rest, so it can be pressed, cutting off roots of weeds without marring the lawn. Price, 50c.

Grass or Turf Edging Knives. For trimming the borders of walks, etc. Price, complete with handle, 50c. each.

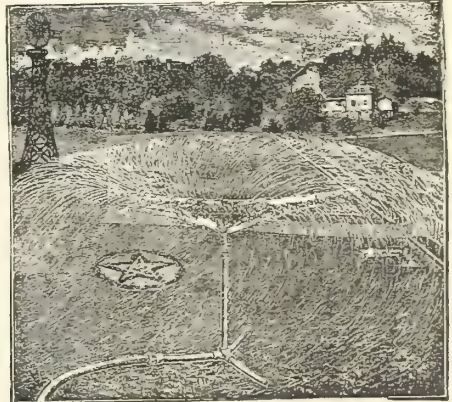
Lawn Scythes. Broad blades. Sizes, 32, 34, 36 and 38 inch. Price, each, \$1.00.

Scythe Snaths or Handles. With patent fastening. Price, each, 80c.

Scythe Stones and Rifles. Best quality. *Round Ohio*, 10c. each; *Flat Ohio*, 5c.; *Imported German*, very fine grit, 10c.; *Rifles*, 3 triple emery coated, 10c.

"Curved Handle" Grass or Sheep Shears. Extra long, 9½ inch blades. The handles are curved to prevent rubbing the knuckles on the ground. Price, \$1.00.

Grass Hooks (Sickles). Extra quality steel that will hold an edge. Price, 50c. each.



THE WATER WITCH LAWN SPRINKLER.

LAWN SPRINKLERS.

The Henderson. The water is distributed in fine drops over an area 60 to 100 feet. A standard, 4 feet high, is surmounted with long perforated arms which revolve, so the beautiful sprays are constantly changing. (See cut.) Prices, for a 4-arm sprinkler, \$3.00; 8-arm, \$3.75. We also offer as an "extra"

The Ball and Basket Attachment.

This fits on top of the 4 or 8 arm Sprinkler, and the stream of water keeps the ball dancing on its summit up in the air. Price, \$2.75 extra.

The "Arc." Will sprinkle in a full circle, or in a half circle, to the right or to the left. Price, \$1.75 each, or by mail, \$1.90.

The Water Witch. The water flow is unimpeded, scattering in fine drops evenly over a circular area of twenty-five to forty feet diameter. Price, without stand (i. e., with spur to stick in the ground), 75c. each; by mail, 85c. each. Price, with stand (see cut), \$1.25 each.

Pomona 4-Arm, on Stand. Stands about 18 inches high; works even under a low pressure. (See cut.) Price, \$2.50 each.

Pomona 2-Arm, with Spur to stick in the ground. Price, \$1.75 each.

Perfection, with spur to stick in the ground, 75c., or by mail, 85c.

LAWN EDGERS.

"Planet Jr." Trims the turf around the edges of the flower beds, walks, roads, etc.; the revolving cutter does perfect work, either on a straight or curved border, edging accurately at just the correct angle, and at a speed of a mile an hour, while the hoe cleans the bottom of the walk. Price, **Extra Heavy**, complete, weight 30 lbs., \$5.00.

Light, complete, weight 20 lbs., \$3.50.

Everding's. A splendid tool for trimming the turf around the edges of walks and flower beds; a revolving knife enables the work to be done with rapidity. Price, \$2.50.

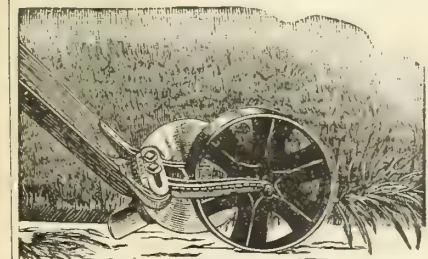
For HENDERSON'S LAWN GRASS SEED, see page 157.



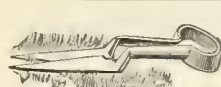
GRASS EDGING KNIFE.



WEED CUTTER.



THE "PLANET JR." LAWN EDGER.



GRASS SHEARS.



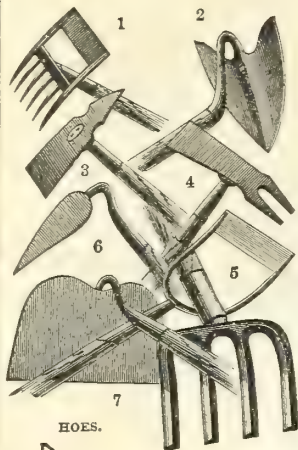
GRASS HOOK.



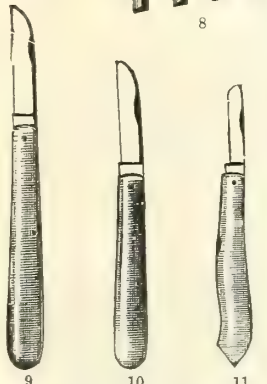
SCYTHE STONE.



EVERDING'S LAWN EDGER.



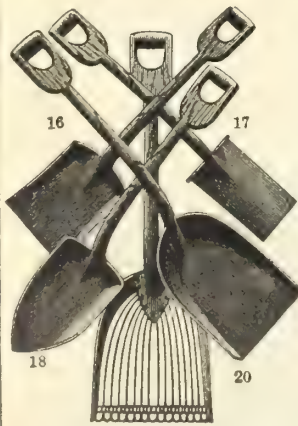
HOES.



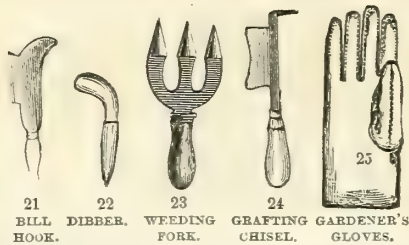
BUDDING KNIVES.



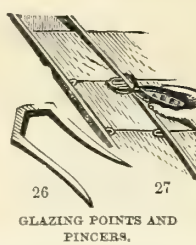
PRUNING KNIVES.



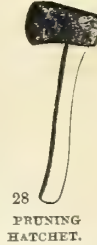
SHOVELS, SCOOPS AND SPADES.



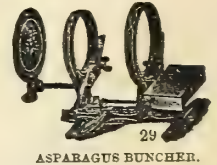
21 BILL HOOK. 22 DIBBER. 23 WEEDING FORK. 24 GRAFTING CHISEL. 25 GARDENER'S GLOVES.



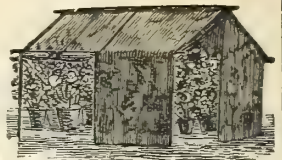
26 GLAZING POINTS AND PINCERS. 27



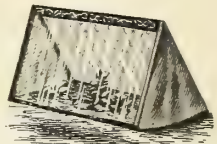
28 PRUNING HATCHET.



29 ASPARAGUS BUNCHER.



30 TEMPORARY CHRYSANTHEMUM HOUSE. See "Protecting Cloth."



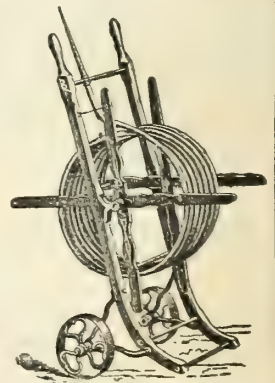
31 HENDERSON'S PLANT PROTECTOR.



32 PLANT SPRINKLER.



33 PUTTY BULB.

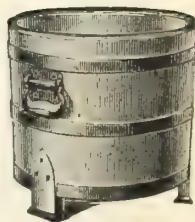


34 BENT LEG HOSE REEL.

MISCELLANEOUS TOOLS, IMPLEMENTS, REQUISITES, TYING MATERIAL, ETC.

Asparagus Buncher (fig. 29), latest and best buncher.....\$3 00
Axe, handled, light, \$1.00, heavy..... 1 25
 " mattock, 85c; with handle..... 1 00
Bill Hook (fig. 21), for shrubbery..... 1 25
Brush, Steel Tree, for displacing cocoons and insects on the bark..... 1 50
Brush Hook, axe handled..... 1 15
Dibbers (fig. 22), medium or large.... 40
Floral Tools, set of 4; small..... 50
 " long handled (see page 22) 1 00
Forks, Digging, 4 prong, 75c; 5 prong 90
 " Manure 4 tine, 75c; 5 tine..... 85
 " Hay, 2 tine, 35c; 3 tine..... 45
 " Hand-weeding (fig. 23)..... 15
Fruit Picker, Wire, can be attached to pole of any length..... 25
Fruit Picker, Braze's, with pole (fig. 39) 1 25
 " " without pole... 1 00
Grafting Chisels (fig. 24)..... 65
Garden Lines, 100 ft., braided..... 50
Gardeners' Gloves, goat (fig. 25).... 1 00
 " " rubber..... 1 50
Glass Cutter and Glazing Tool.... 10
Glazing Points, Van Reyper's, glass, cannot slip (fig. 26), per 1,000..... 75
Pincers for applying above, (fig. 27).... 50
Grafting Wax, ¼ lb., 10c; ½ lb., 20c; per lb., 30c; by mail, 15c. per lb. extra.
Grass Hooks..... 50
Hatchets, broad pruning (fig. 28)..... 75
Hoes, Draw (fig. 7), 5, 6, 7, 7½ and 8 in. " Scuffle (fig. 5), 5 in., 50c; 6 in., 55c; 7 in., 60c; 8 in., 65c; 9 in., 70c; 10 in., 75c; 12 in.... 85
 " Warren (fig. 2)..... 55
 " Prong, or potato hook (fig. 9).... 40
 " Onion (fig. 3); 1 prong..... 25
 " 2 prong (fig. 4)..... 30
Hoe and Rake, combined (fig. 1) 4 teeth, 35c; 6 teeth..... 45
Hose, Rubber, including couplings: **Best Quality**, all new rubber. ¾ in., per 25 ft., \$4.00; per 50 ft. 8 50
 1 in., per 25 ft., \$5.50; per 50 ft. 10 50
Good Quality, ¾ in., per 25 ft. 3 00
 " " per 50 ft. 5 75
 1 in., per 25 ft., \$3.75; per 50 ft. 7 00
Hose Menders (fig. 30), ¾ in., 6c. each, per doz., 60c; 1 in., 10c. each, per doz. 1 00
Hose Nozzle, brass, with spray tip and stop cock, ¾ inch, 75c; 1 inch..... 1 00
Hose Nozzle, Graduating (fig. 37), spray and stream, ¾ inch..... 60
Hose Reels, Bent Leg (fig. 34), holding 100 feet, \$2.00; holding 200 feet... 2 50
Hose Reel, "All Iron" (fig. 35), for 100 feet, \$3.00; for 200 feet..... 3 50
Knives, Budding, ivory handles, No. 9, \$1.25; No. 10, \$1.25; No. 11..... 1 25
Knives, Pruning, stag handles, No. 12, 85c; No. 13, \$1.25; No. 14, \$1.00; No. 15, 90
Knives, Asparagus..... 30
Mats, for Hot Beds. Made of straw. 3 x 6 ft., \$12.00 doz.....each 1 25
 6 x 6 ft., \$22.00 doz..... 2 00
Mole Traps, Hale's (fig. 40), best trap 2 25
 " Ricardo's..... 1 50

Labels, Wooden. Garden Labels are put up in packages of 100; pot, plant and tree labels in packages of 500.
Garden Labels, 8 in., per 100, \$0 40 Plain. Painted, \$0 50
 " 12 " " 50 65
Pot " 4 " per 1000, 60 80
 " 5 " " 80 1 00
 " 6 " " 1 00 1 25
Plant Notched, 2½ " " 45 60
Tree Notched, 3½ " " 50 65
 " Pierced, 3½ " " 60 85
 " Wired, 3½ " " 1 50 1 75
 " 2½ " " 1 25 1 50
Picks, handled..... 75
Plant Protectors, Henderson's (fig. 31). Galvanized wire frames, covered with protecting cloth. Each, 25c., per doz..... 2 50
Protecting Cloth (fig. 30), specially prepared to prevent mildewing and rotting; valuable for forwarding and protecting early plants from frosts, covering hot-beds and frames in spring in lieu of glass, and for throwing over bedding plants at night in fall, for Chrysanthemum houses, etc., at one-tenth the cost of glass. Samples and circular mailed on application.
Heavy Grade, per yd..... 12
 per piece of 40 yds.....\$4 50
Medium Grade, best for general purposes, per yd., 10c; per piece of 50 yds. 4 25
Light Grade, for tobacco plants, per yd., 6c.; per piece of 60 yds..... 2 50
Plant Sprinklers, Rubber (fig. 32), ½ pint size, 50c; ¾ pint size, 75c. 1 pint size, \$1.00 (postage 10c. each extra).
Putty Bulb, Rubber (fig. 33). For glazing. A pressure with the hand ejects the putty along the sash bars. \$1.00 each; by mail...\$1 10
Pruners, Waters' Tree (fig. 58), 4 ft. 6 ft., \$1.00; 8 ft., \$1.15; 10 ft., \$1.25; 12 ft., \$1.50; extra knives..... 20
Pruners, Tel'g'ph Tree, opr'd by cord 1 25
 " Gooseberry, for bushes.... 75
Raphia, splendid tying material, per lb. 20
Reels for Garden Lines (fig. 41)..... 90
Rakes, Steel Garden, 6 teeth, 30c.; 8 teeth, 35c.; 10 teeth, 40c.; 12 teeth, 45c.; 14 teeth, 50c.; 16 teeth..... 55
 " Short Tooth, 12 teeth, 45c.; 14 teeth, 50c.; 16 teeth..... 55
 " Steel Bow, best and most durable, 12 teeth, 50c.; 13 teeth, 55c.; 15 teeth..... 60
 " Wooden, Hay, 3 bow, 12 teeth..... 35
 " Lawn (see page 151).
Saw, Pruning (fig. 42), double edge, 15 in., 60c.; 18 inch, 70c.; 20 inch.... 80
Saw, Pruning, and Chisel combined (fig. 43)..... 1 00
Sash, Hot-Bed, Unglazed. 3 x 6 ft., using 6 x 8 glass, each, \$1.00; per doz..... 11 00
 In shooks (not put together), making freight less, 75c. each; per doz..... 8 50
Scythes, Lawn, broad blades..... 1 00
 " Grass..... 75
 " Bush, short blades..... 75
 " Snaths (or handle), patent 80
 " Stones (see page 151)..... 10



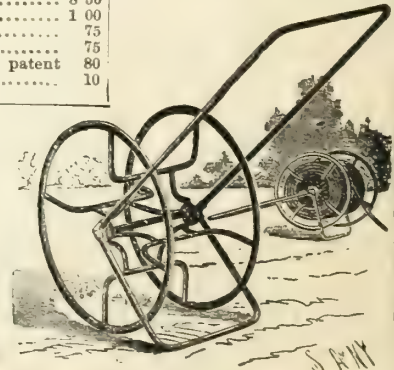
38 TREE TUBS.



36 THE "JONES" HOSE MENDER.



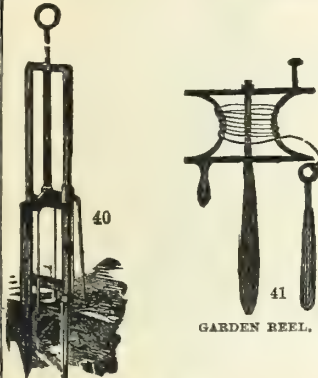
37 GRADUATING SPRAY HOSE NOZZLE.



35 "ALL IRON" HOSE REEL.



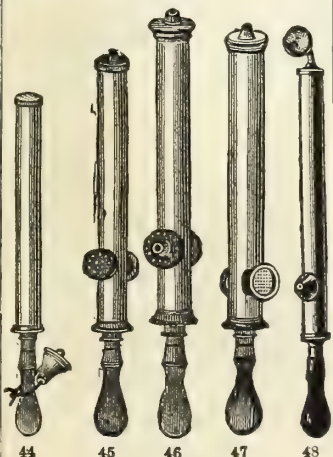
BRAZER'S FRUIT PICKER.



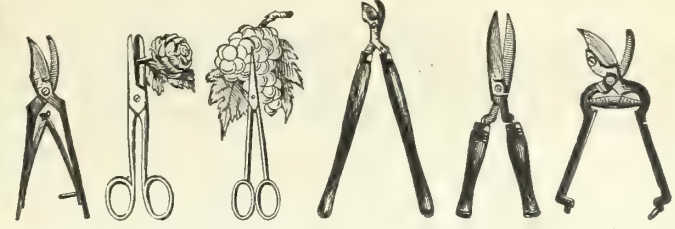
GARDEN REEL.



PRUNING SAWS.



BRASS SYRINGES.



51 Scissors—Fruit Picking and Thinning. 52 53 54 55 56 Shears—Lopping, Hedge, Pruning and Grass.



WATERS IMPROVED TREE PRUNER.

Scissors, Flower and Fruit Picking (fig. 52) 75
 " **Grape Thinning** (fig. 53), for thinning the bunch.... 75
 " **Ladies' Light Pruning** (fig. 51), 7 inch..... 50
Shears, Pruning, solid steel (fig. 56), 7½ inch, \$1.00; 8½ inch, \$1.15; 9½ inch..... 1 25
Levin's Patent, \$1.25; large.... 1 75
Shears, Pruning, malleable, with steel blade, 8 inch..... 50
 " **Hedge** (fig. 55), 8 inch blade, \$1.50; 9 inch, \$1.75; 10 inch, \$2.00; (with notch 25c. extra.)
 " **Lopping** (fig. 54)..... 2 00
 " **Grass** (see page 151)..... 1 00
 " **Grass Edging** (see page 151)
 " **Lawn** (see page 151)..... 2 75
Shovels (fig. 16), smooth back, 85c.;
 " Ames' extra quality..... 1 25
 " **Round Point** (fig. 18)..... 85
 " **Scoops** (fig. 20), No. 2, 85c.; No. 3, \$1.00; No. 4..... 1 25
 " **Wire Potato** (fig. 19)..... 1 50
Spades, smooth back..... 85
 " Ames' extra quality..... 1 25
Syringes, made of solid brass, in the best manner, and highly finished. Those with the patent valve will fill very quickly.

PRICES OF SYRINGES.

No. A (fig. 44), Barrel, 13½ x 13-16 in. 1 spray and 1 stream rose..... 2 00
No. 2 (fig. 45), Barrel, 13½ x 1 5-16 in. 1 coarse and 1 fine spray, and 1 stream rose..... 3 75
No. 10 (fig. 46), Barrel, 18 x 1½ in. 1 coarse and 1 fine spray and one stream rose with patent valves, \$5.00; or with elbow joint (fig. 49), for sprinkling under the foliage..... 6 00
No. 11 (fig. 47), Same as No. 10, without patent valves, \$4.00; or with (fig. 49) elbow joint..... 5 00
No. G. Barrel, 16 x 1½ in. 1 spray and 1 stream rose (fig. 48), and elbow joint 4 50
No. H. Barrel, 18 x 1½, sheet brass, 1 stream rose..... 2 00

Stakes, Square Green, Tapering.

2 ft. each, 3c.; per doz., 25c.; per 100, 1 50
 3 ft. " " 4c.; " 40c.; " 2 75
 4 ft. " " 5c.; " 50c.; " 3 50
 5 ft. " " 6c.; " 65c.; " 4 25
 6 ft. " " 7c.; " 80c.; " 5 50

Stakes, Round Green Tapering.

2 ft. each, 3c.; per doz., 25c.; per 100, 1 75
 3 ft. " " 5c.; " 50c.; " 3 50
 4 ft. " " 7c.; " 75c.; " 5 00
 5 ft. " " 8c.; " 90c.; " 6 50

Stakes or Dahlia Poles. Round Green, Fancy Turned White Tops.

2 ft. each, 3c.; per doz., 30c.; per 100, 2 00
 3 ft. " " 5c.; " 50c.; " 3 50
 4 ft. " " 7c.; " 75c.; " 5 00
 5 ft. " " 10c.; " \$1 00; " 6 50
 6 ft. " " 14c.; " 1 50; " 10 00

Thermometers.

(All tested and guaranteed.)

Sieze's Self-Registering (fig. 69). Registers both heat and cold. White enameled case, 8 inch..... 2 75
 White enameled case, with porcelain scale, 8 in., \$3.50; 10 in..... 4 00
 8 inch boxwood..... 2 75
Greenhouse Distance (fig. 71). Plain, readable porcelain scale, ranging from 20 to 100 deg., red spirits, \$1.00.
Parlor. Boxwood case, 12 inch, \$1.50.
Ebony (fig. 68). Porcelain scale, red spirits, 8 inch, \$1.25; 10 inch, \$1.50; 12 inch, \$2.00; 14 inch, \$2.50.
Plate Glass (fig. 70). With brass supporters, 8 inch, \$1.50; 10 inch, \$1.75; 12 inch, \$2.00; 14 inch, \$2.25.
Ordinary Japanned Tin Cases (fig. 67). Not guaranteed. 7 inch, 15c.; 8 inch, 20c.; 10 inch, 25c.; 12 inch, 30c.
Hot-Bed and Mushroom Bed (fig. 72). Brass mounted, and tipped, made especially for plunging, \$2.00.
Tree Scraper (fig. 57)..... 40

Tree Tubs (fig. 38), White Cedar.

Heavy iron hoops, drop handles, iron legs, removable perforated bottoms. Painted green outside and brown inside. Painted red if desired at an extra cost of 10 per cent.

No.	Outside Diam.	Length of Stave.	Price
0.....	27 inches.....	24 inches.....	7 00
1.....	25 ".....	22 ".....	6 00
2.....	23 ".....	20 ".....	5 00
3.....	21 ".....	18 ".....	4 00
4.....	18 ".....	16 ".....	3 50
5.....	16 ".....	14 ".....	3 00
6.....	14 ".....	12 ".....	2 50
7.....	13 ".....	11 ".....	2 25
8.....	12 ".....	10 ".....	2 00

Trowels, ordinary (fig. 59), 5 inch, 10c.; 6 inch, 15c.; 7 inch..... 20

Trowels, solid steel (fig. 59), 6 inch, 45c.; 7 inch, 50c.; 8 inch..... 55

Trowels, Cleve's Angle (fig. 60), very handy narrow trowel..... 20

Trellis, White's Garden. For all kinds of crops that require support by staking, whether flowers or vegetables, especially peas, tomatoes, beans, cucumbers, melons, squashes, pole beans, etc. It is made of galvanized wire and light, strong wood, and can be rolled up in small space. With ordinary care will last for years. (Furnished in 10 ft. lengths only.)

Pea Trellis 4 ft. high. Per 10 ft. length 75
 3 ft. high..... 65
 Pole Bean Trellis 7 ft. high " " 1 25
 Tomato Trellis, Single " " 1 00
 " Double (fig. 50) " " 1 85

Watering Pots (fig. 61), galvanized iron, 6 qt., 80c.; 8 qt., 90c.; 10 qt., \$1.00; 12 qt., \$1.25; 16 qt..... 1 50

Watering Pots, French (fig. 62), 6 qt., \$1.50; 8 qt..... 1 75

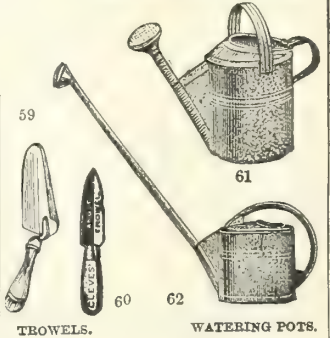
Fine roses for watering pots, extra.... 20

Weeders, Excelsior (fig. 63)..... 10

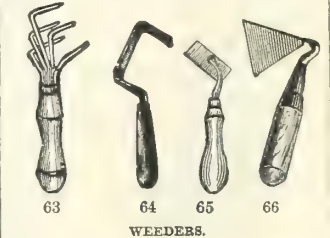
" 3 cornered (fig. 66)..... 20

" Hazeltine's (fig. 64)..... 25

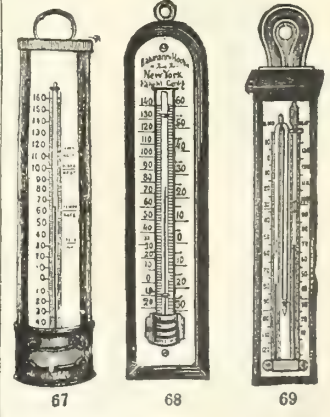
" Jenning's (fig. 65)..... 15



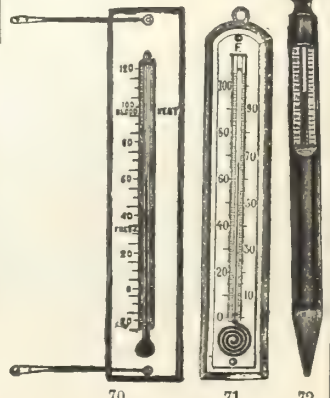
TROWELS. WATERING POTS.



WEEDERS.



67 68 69



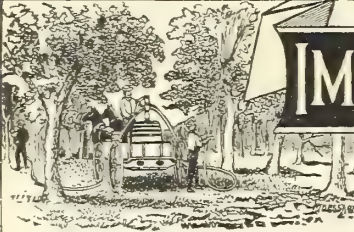
70 71 72 THERMOMETERS.



50

WHITE'S TRELLIS.

IMPLEMENTS for APPLYING



NORTON'S PLANT DUSTER.

Norton's Plant Duster.

This is one of the best articles for dusting potatoes, vines, etc., with powder insecticides. A slight jolting movement distributes the dust in a fine cloud. It is made scientifically correct with a cylinder air-chamber projecting above the powder so that it never clogs. Another point of merit is the projecting dust guard, which prevents the powder from escaping beyond the plant being treated. (See cut.) Price, \$1.00 each.

The "Stott" Insecticide Distributer

Is an oblong cylinder machine made of copper, divided by perforated divisions into cells, into which insecticides or manure is inserted. At each end of the machine hose is attached, one end connecting with the water tap or garden pump, and the other to an ordinary hose nozzle, the water being forced through, and consequently, impregnated with the compositions. Being continuous in action, much time is saved, and on putting the composition

in the celled divisions it is immediately ready for use. It can be used also with a Force Pump or Garden Engine. (See cut.) Prices, including filler and hose coupling, 2 cells, \$9.00; 3 cells, \$10.00; 5 cells, \$12.00. The insecticides best adapted for being applied in the Stott Distributer are Killmright, Paris Green Compound, Whale Oil Soap and Tobacco Soap.

SEND FOR OUR "Special Catalogue" OF "Insecticides & Appliances." Gives a more complete list of Insecticide and Fungicide Distributors. Sent free on application.

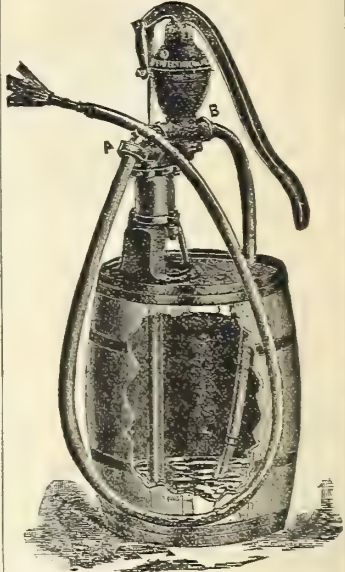
Field's "Perfection" Spraying Outfit.

One hundred trees per hour can be sprayed with this pump. It is fitted with ten feet of discharge hose and a graduating Spray Nozzle. At the aperture "B" is attached three feet of return hose, so that, at every stroke of the pump, a small part of the liquid is recharged into the barrel, which keeps the liquid well mixed. There is also a tight cap furnished to close up opening "B" when desired. The pump has 3-inch cylinder, and is furnished with iron suction pipe, with a fine strainer at bottom ready to mount on a barrel. Weight, 55 lbs. (See cut.) Price of outfit, complete (not including barrel), with Iron Cylinder, Plunger and Rod, \$9.00; with Brass Cylinder, Plunger and Rod, \$10.00.

Bamboo Extension Rod. 8 feet long, with ball valve connections and stop cock, \$6.00.

The Improved Knapsack Sprayer.

This valuable arrangement, invented by the U. S. Agricultural Department, is used for applying Bordeaux mixtures and other fluid remedies in a mist-like spray, for the treatment of grapes and other vegetation, for the prevention and cure of mildew, black-rot and kindred diseases. The machine is made entirely of copper and brass and the chemicals will not corrode or rust it. The air chamber keeps up a pressure, so a continuous discharge is given. No grape-grower can afford to be without it. (See cut.) (See next page for fungicides ready for mixing.) Price, \$12.00.



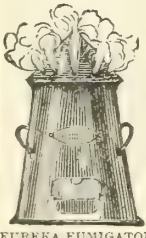
"PERFECTION" SPRAYING OUTFIT.



HENDERSON'S PORTABLE HAND FORCE PUMP.

Henderson's Portable Hand Force Pump.

This is the best and most durable portable hand pump in the market. Made of solid brass, very light and easily carried and works from any bucket or tub. Throws a stream 30 ft., or a spray 20 ft.; just the thing for throwing liquid insecticides on low trees, shrubs, plants, etc. (See cut.) Price, \$5.00.



EUREKA FUMIGATOR.



POWDER GUN.

POWDER GUN.

For applying insect powders on pot plants, etc. (See cut.) Price, 2 oz. size, 15c. Postage, 5c. each extra.

Eureka Fumigators.

For fumigating greenhouses with dampened tobacco stems; made of galvanized sheet iron, a damper regulates the draft; no danger of fire; no ashes or litter. (See cut.) No. 1, 12 in. high, \$1.50; No. 2, 16 in. high, \$1.85; No. 3, 20 in. high, \$2.25; No. 4, 24 in. high, \$3.00.

HYDRONETTE.

Throws a stream 30, or a spray 20 feet; handy and light: made of solid brass; very durable. (See cut.) Price, complete, \$5.00.



"STOTT" INSECTICIDE DISTRIBUTER.

WOODASON'S VAPORIZING BELLOWS.

This throws a spray as fine as mist, rendering the use of strong solutions perfectly safe on tender foliaged plants; it forces the fluids into every crevice, without using half the quantity required by syringe or sprinkler. (See cut.) Price, large size, \$2.00. Small size (for house use), \$1.25.

Woodason's Double Cone Powder Bellows.

This bellows is the best article ever invented for destroying insects in the Conservatory, Garden, Orchard or Field; it will kill every bug upon one acre of potatoes, under the leaves as good as on top, in an hour; it will blow powder into fruit trees. This Bellows can be held in any direction without wasting powder, as it regulates its own supply, and it does not clog up. Price, \$2.75.

Woodason's Single Cone Powder Bellows.

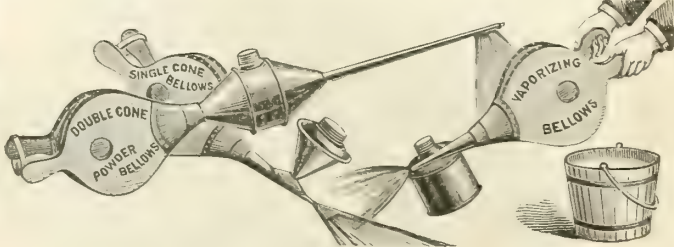
Price, large size, \$1.75. Small size, for conservatory and house use, \$1.00.

FLORENCE VAPORIZER.

For spraying fluids on house and garden plants. Price, 60c. each, or by mail, 75c.



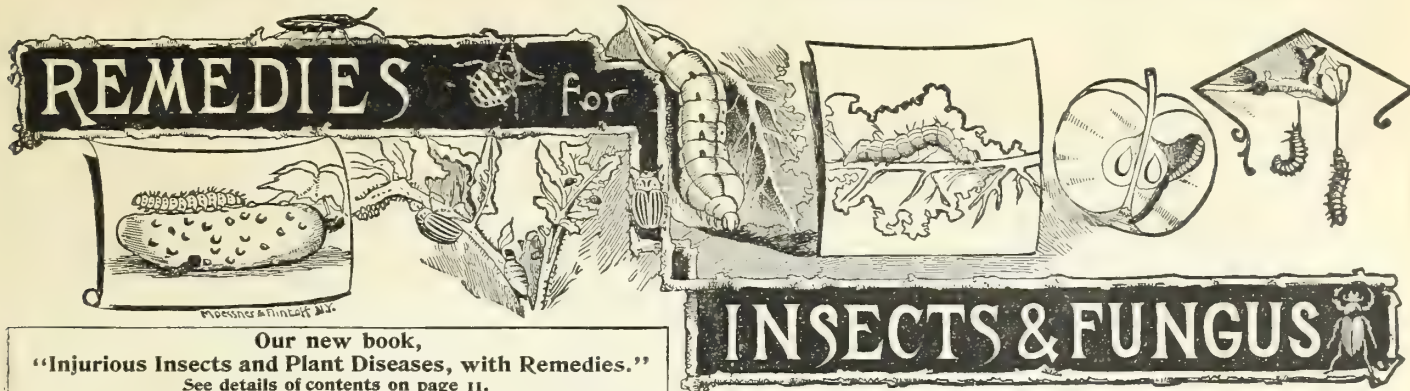
KNAPSACK SPRAYER.



WOODASON'S BELLOWS, FOR POWDER AND FLUID.



HYDRONETTE.



Our new book,
 "Injurious Insects and Plant Diseases, with Remedies."
 See details of contents on page 11.

REMEDIES FOR INSECTS.

ANT DESTROYER.

A non-poisonous powder which will destroy or drive away black ants from lawns, trees, plants, houses or other affected locality. Price, $\frac{1}{4}$ lb. can, 50c., or by mail, 60c.

Dust liberally near haunts.

CARBOLIC SOAP.

For freeing animals from insects and washing the bark of trees and plants for scale, lice, etc. Price, 4 oz. pkg., 10c., or by mail, 14c.

Dissolve 2 oz. to a gallon of water and apply with brush, sponge or spray.

CARBOLIZED SOAP.

For peach, apple and other tree borers, also for washing trees to prevent attacks of animals or vermin. 1 gallon cans, (makes 12 gallons paint,) \$1.00 per can.

COLE'S LIQUID INSECTICIDE.

A combination of alcohol and other chemicals, for mealy bug, red spider, scale and aphid; we use it extensively in our greenhouses; it needs no further preparation and is one of the most convenient and effectual for ladies to use on house plants. Price, $\frac{1}{2}$ pint tin, 50c., by mail, 65c.

Apply, undiluted, with a vaporizer.

FIR TREE OIL.

The most popular and probably for "all round" purposes the best insecticide in the market for greenhouse and house plants; it frees plants of nearly all insects to which they are subject, and for the following it has no superior: Mealy bug, scale, red spider, aphid, (black and green,) thrip, blight, worms and slugs, and is also a valuable remedy for animal parasites and insects. Price, $\frac{1}{2}$ pint tin, 40c.; pint, 75c.; qt., \$1.40; $\frac{1}{2}$ gal., \$2.50; gal., \$4.25; if by mail, add 25c. per pint.

Dilute $\frac{1}{2}$ pint to about 10 gallons of soft or rain water, (for tender plants or young growth make weaker.) Spray on with vaporizer, syringe or bellows.

HELLEBORE, POWDERED WHITE.

For the destruction of slugs, worms, caterpillars, etc. Less poisonous than Paris Green and London Purple and safer to use when fruits or vegetables are nearly ripe. Price, 25c. per lb.; or by mail, 40c.

Dry Application. Dust on dry, or mix 1 lb. with 4 lbs. of powdered lime or flour, dust on with powder duster or bellows or gun.

In Solution. Dissolve 1 oz. to 3 gallons of water; apply with syringe, pump or vaporizer.

KEROSENE EMULSION.

For plant lice of any kind, cabbage worm, scale insects on apple, pear, orange, lemon and other trees. 5 gallon buckets, (make 75 gallons wash,) \$1.25 per bucket.

LONDON PURPLE.

Very poisonous and equally as efficacious as Paris Green and more soluble in water. Price, 25c. lb.; 10 lb. lots and over at 20c. per lb. If by mail, add 15c. per lb. for postage.

Use in the same way as Paris Green.

PARIS GREEN.

A poisonous, insoluble powder, indispensable on the farm or garden—for preventing the ravages of potato bugs, codlin moth, worms, caterpillars, slugs and bugs. Price, 25c. per lb.; 10 lbs. and over at 23c. per lb. If by mail, add 15c. per lb. for postage.

Dry Application. Mix with plaster, flour, or other dilutant—one part to 100—apply with duster, bellows or gun.

In Solution. Mix 1 lb. to 200 or 300 gallons of water. Apply with pump, syringe or vaporizer.

Bait. For cut worms, mix 1 oz. with 8 ozs. of syrup; mix thoroughly with fresh chopped grass or leaves.

PERSIAN POWDER or BUHACH.

Henderson's Superior Grade.

Cheap adulterated grades are worthless. A most effectual non-poisonous impalpable powder—so fine that it penetrates the innermost crevices—for worms, flies, aphid, and almost all kinds of insects—it is very effectual—suffocating them by filling up the breathing pores. Price, 40c.; 10 lb. and over, at 35c. lb. If by mail, add 15c. per lb. for postage.

Dry. Blow on with a bellows or gun.

Solution. Dissolve 1 oz. to 3 gallons of water, and apply with syringe or pump.

QUASSAINE.

This is a Concentrated Fluid Extract Quassia, held in suspension by Whale Oil Soap—adopted and officially recommended by the State Horticultural Board of Washington, as a cheap and reliable non-poisonous insecticide for hop lice, aphid and all scale insects; nothing better for rose bushes and house plants. Quart cans, (50 gallons wash,) \$1.00 per can; 1 gallon cans, (100 gallons wash,) \$1.50 per can; 2 gallon cans, (200 gallons wash,) \$2.50 per can.

SLUG SHOT.

A non-poisonous powder and a very popular insecticide—it requires no further mixing or preparation—easily applied and not injurious or dangerous to animals, the person applying it or fruits and vegetables treated. Very effectual in destroying potato bugs and beetles, green and black fly, slugs, worms, caterpillars, etc. (By express or freight only.) Price, per barrel of 235 lbs. net, \$8.00; in 10 lb. packages, each, 45c.; 5 lb. packages, 25c.; in tin canister, with perforated top for applying, 25c. each; by mail, 35c.

Apply with duster, bellows or gun. 10 to 40 lbs. is sufficient for an acre.

THIRP JUICE.

A concentrated extract, arseniated, destructive for mealy bug, scale, thrips, bark lice, codlin moth, canker-worm, elm leaf worm, beetles, caterpillars, etc. Price, $\frac{1}{2}$ pint can, 30c.; 1 pt., 50c.; 1 qt., 75c.; 1 gal., \$2.00; 5 gal. keg, \$7.00.

Mix $\frac{1}{2}$ pint to 25 gallons of water and spray on with syringe, vaporizer or pump.

TOBACCO DUST, FINE.

For green and black aphid, fleas, beetles, etc. Splendid fertilizer and preventive for insects in the ground and around root. Price, 10c. per lb.; 5 lbs., 35c.; 10 lbs., 65c.; \$3.00 per barrel; per ton, \$25.00; if by mail, add 15c. per lb. for postage.

For insects on plants, apply with powder duster or bellows.

For worms or grubs in the soil, apply liberally to the surface and rake in, or strew thickly in the drills before planting.

TOBACCO EXTRACT.

A powerful extract of tobacco combined with sulphur for destroying plant lice, red spider, and insects of all kinds. Price, $\frac{1}{2}$ pt., 30c.; pt., 50c.; qt., 75c.; gal., \$2.00.

Dilute 1 part to 10 or more of water and apply with syringe, vaporizer or pump.

For insects at the root, dilute as above, and apply with watering-pot sufficient to reach the roots.

TOBACCO STEMS.

Indispensable for fumigating greenhouses and conservatories—for the destruction of green and black aphid and other insects. Price, 50 lb. bale, \$1.00; 100 lb., \$1.75; per ton, \$20.00.

Dampen thoroughly a few hours before using, place about a half pound over a handful of shavings in a fumigator, and light.

TOBACCO SOAP.

Effective for green and black aphid, turnip fleas, slugs, bark lice, etc. Price, 35c. per lb.; or by mail, 50c.

Dissolve 2 ozs. in a gallon of water and apply with pump, syringe or vaporizer.

WHALE OIL SOAP.

Makes an excellent wash for trees and plants where insects and eggs affect the bark, and for smearing on the trunks of trees to prevent worms from crawling up. Price, 15c. per lb.; 2 lb., 25c.; 5 lb., 50c.; 25 lb. and over, at 8c. per lb.; if by mail, add 15c. per lb. for postage.

For insects on plants, dissolve $\frac{1}{2}$ lb. to a gallon of water; apply with syringe or spraying pump.

For bark insects, etc., dilute with water to consistency of thick paint, and apply with brush.

REMEDIES FOR FUNGUS, such as Mildew, Rust, Black Rot, Etc.

AMMONIACAL SOLUTION OF CARBONATE OF COPPER (COPPERDINE).

A famous remedy for fungoid diseases of plants, particularly for grapes, curing downy and powdery mildew, black rot, scab, etc. Price, 1 gallon cans, \$1.50. By express or freight only.

Dilute 1 pint to 10 or 12 gallons of water; apply with Knapsack sprayer or bellows vaporizer.

GRAPE DUST, (HAMMOND'S.)

A non-poisonous powder for the remedy and control of mildew and rot on grapes, gooseberries, roses, etc. Price, 5 lb. pkg., 35c.; 100 lb. keg, \$5.00. By express or freight only.

Apply with bellows or powder gun.

BORDEAUX MIXTURE.

A valuable and indispensable fungicide for grape growers—thereby insuring larger crops and finer grapes, and preventing failure. A sure cure and preventive for black rot, mildew and rust, also of great value for other plants suffering with kindred diseases. Price, 20 lb. pgs., \$1.00. By express or freight only.

Dissolve 10 lbs. to 25 gallons of water, and apply with Knapsack sprayer or vaporizer.

SULPHUR, FLOWERS OF.

For the prevention and destruction of mildew on roses and other plants. Price, 10c. per lb.; 10 lbs., 60c.; 25

lbs. and over, at 5c. per lb.; if by mail, add 15c. per lb. for postage.

Apply with bellows or gun.

SULPHO-STEATITE POWDER.

For lettuce mildew, powdery and downy mildew of the grape, rose mildew and other fungus diseases affecting plants under glass. Used as a dust. 25 pound boxes, \$2.00.

HENDERSON'S MILDREW MIXTURE.

A fluid prepared by ourselves and largely used in our greenhouses and nurseries for cure and prevention of mildew on plants. Price, 1 pt. tin, 50c.; or by mail, 75c.

Dilute 1 pint to 13 gallons of water, and spray on with syringe or bellows vaporizer.

BONE FERTILIZERS.

These are the true phosphatic manures, containing forty to fifty per cent. phosphate of lime and nitrogen equal to about four per cent. of ammonia. They decompose slowly in the soil and therefore form excellent permanent improvement, being less likely than almost any other kind of manure to waste in rainy seasons, particularly on sandy soils. There is no danger of burning the plants, whether applied as top dressing or directly to the roots. Excellent for top dressing lawns and grass land, for garden and field crops; we can also recommend them highly for florists' purposes, for rose beds, mixing with potting soil, etc.

Quantity required. For permanent pasture and mowing lands, $\frac{1}{2}$ to 1 ton per acre. For trees and vines, 2 to 4 quarts each. For top dressing, 1,000 to 1,500 lbs. per acre. For field and garden crops, $\frac{3}{4}$ to 1 ton broadcasted and harrowed in. For rose beds, pot plants, etc., 1 part to about 50 of soil.

Bone Meal, Flour or Dust. This is ground very fine, decomposes more rapidly in the soil than the coarser grades, and is therefore more quickly beneficial.

Price, 1 lb. package, 10c., (by mail, 15c. per lb. extra.) 5 lb. package, 30c.; 10 lb. package, 50c.; 25 lb. bag, \$1.25; 50 lb. bag, \$2.00; 100 lb. bag, \$3.50; 200 lb. bag or barrel, \$6.00; per ton of 2,000 lbs., \$45.00.

Ground Bone. This is moderately fine and particularly adapted for general fertilizing purposes; the finer particles are immediately beneficial, the coarse keeping up the supply of plant food for a long period.

Price, per 100 lb. bag, \$3.00; 200 lb. bag, \$5.00; per ton of 2,000 lbs., \$42.00.

Pure Crushed or Coarse Bone. This is largely used for pasture lands, being rather slow but permanent in action, and it is also indispensable in the preparation of grape vine borders—for fruit trees, small fruits, etc.—where a lasting fertilizer is required.

Price, per 100 lb. bag, \$3.00; 200 lb. bag, \$5.50; per ton of 2,000 lbs., \$45.00.

Henderson's Permanent Pasture Manure.

Especially intended for use on pasture or mowing lands.

Quantity required. 1,000 to 2,000 lbs. per acre.

Price, per bbl. or bag of 200 lbs., \$6.00, or per ton of 2,000 lbs., \$50.00.

BONE SUPERPHOSPHATE.

Benefits the crops more quickly than with any other form of bone, and on account of its readily available properties promotes early maturity, and it is invaluable for most crops, affording constant nourishment during their entire season's growth. In case of rotation of crop it is nearly as valuable for the last as for the first.

Quantity required. For garden and field crops, 500, to 600 lbs. per acre; for garden crops it is best drilled in at seed-sowing time. For top-dressing grass, 600 lbs. per acre.

Price, per bag of 200 lbs., \$5.00; per ton of 2,000 lbs., \$40.00.

Pure Pulverized Sheep Manure.

A pure natural manure, and most nutritious for plants. Its effect is immediate and lasting. Excellent for mixing with the soil for greenhouse plants (one part manure and six parts soil). Strawn over and dug into the vegetable garden, or placed directly in drills or hills, it promotes a rapid, steady growth until maturity. It makes a rich, safe and quick Liquid Manure; one pound to five gallons of water can be used daily, if necessary, with safety. In bags of 100 lbs. each, \$3.50; $\frac{1}{2}$ ton, 5 bags, \$16.00; per ton, 20 bags, \$45.00. In packages of 2 lbs., 15c.; 4 lbs., 25c.; 10 lbs., 50c. (If by mail, add 15c. per lb. for postage.)

BOWKER'S FOOD FOR FLOWERS.

An excellent fertilizer for house plants. Easily applied by dissolving in water. Clean to handle, without odor, produces rich green growth and profusion of flowers.

Price, small packages, 15c., or by mail, 20c. Large packages, enough for twenty plants one year, 25c., or by mail, 40c.

ROTTED BONE MANURE.

This is one of the best fertilizers for its price that has ever come under our notice. Mr. Wm. Crozier, who first called our attention to it, states that used on farm crops for mangels, potatoes, turnips, fodder corn, etc., it is one of the most valuable fertilizers that he ever tried. At the low price at which it is sold, it will be seen that it makes an exceedingly cheap fertilizer. One reason why it is sold so low is that it is not ground up as fine as most of the fertilizers that are offered in the market.

Quantity required. It should be broadcasted on and harrowed in at the rate of 1,500 lbs. per acre.

We offer it in two grades, as follows: **Plain,** \$22.00 per ton (of 2,000 lbs.); **Decomposed with Potash,** \$24.00 per ton (of 2,000 lbs.)

ASHES.

Canada Unleached Hard Wood.

These contain all of the fertilizing elements except nitrogen. The carbonate of lime in these ashes is worth five times as much as stone lime, being much more soluble and easily assimilated by plants. Ashes correct sourness in the soil, rendering sandy soils more capable of retaining fertilizers and making clay soils less stiff and more easily worked. They drive away insects, and are indispensable for all crops requiring potash. They are very beneficial for garden and field crops, and are of high value for cabbages, potatoes, onions, strawberries, fruit-trees, corn, clover, wheat, beans, grass lands and lawns.

Quantity required. Ashes should be applied in considerable quantities, 1 to 2 tons per acre, as one heavy application will help much more than the same quantity would, applied in fractions.

Price, per bbl. of about 200 lbs., \$3.00; per ton of 2,000 lbs., \$24.00.

LAND PLASTER, OR GYPSUM.

It is an excellent addition to land requiring lime and sulphates, particularly for such crops as turnips, potatoes, grasses and clovers. Its fertilizing action is not so much due to its value as a plant food, as to its

absorbing and fixing ammonia and rendering soluble the inert plant foods of the soil so that the growing crops can take them up.

Quantity required. Broadcasted and harrowed in, $\frac{1}{2}$ to 1 ton per acre.

Price, \$2.00 per barrel of about 280 lbs.; in 10-barrel lots, at \$1.75.

BLOOD AND BONE.

Manufactured of pure blood and bone. This fertilizer is a very concentrated source of nitrogen yielding ammonia, etc., by gradual decomposition, and, in consequence, is superior for prolonged results; it is of exceptional value for garden crops, for mangels, turnips and other root crops, and also for corn, grain and grasses, for fruit-trees, small fruits, grape vines, and in fact all kinds of vegetation and all soils, but especially so on light soils.

Quantity required. When applied broadcast and harrowed in, from $\frac{1}{2}$ to 1 ton per acre should be used. For garden crops it can be applied in the drill, 300 to 500 lbs. per acre.

Price, per barrel of about 200 lbs., \$5.00; per ton of 2,000 lbs., \$45.00.

NITRATE OF SODA.

This is valuable solely for the nitrogen it contains, equal to twenty per cent. of ammonia. It is chiefly a stimulant; it is used in addition to other fertilizers. It is very quick in action and hastens the maturity of crops fully two weeks, and besides renders the mineral plant food of the soil more assimilable. It is valuable for grain, fodder corn, sugar beets, potatoes, grasses, peas, beans, clover, etc., and is generally an effectual remedy for clover sick land.

Quantity required. Being extremely soluble it should not be applied until the plants are above ground, when 100 to 150 pounds per acre, mixed with wood ashes or land plaster, for convenience in applying, is generally used.

Price, per 5 lb. package, 30c.; 10 lb. package, 50c.; 25 lb. bag, \$1.25; 50 lb. bag, \$2.00; 100 lb. bag, \$3.75; 300 lb. bag, \$9.00. (Prices for large quantities on application.)

HENDERSON'S LAWN ENRICHER.

A fertilizer which we have found to be never-failing in inducing a rapid and rich green growth to the lawn. It meets the wants of hundreds who desire a clean, portable and convenient lawn dressing.

Quantity required. A 10-lb. package is sufficient to go over an area of 300 square feet, or for forming a new lawn, from 1,000 to 1,500 lbs. per acre, or a smaller quantity for renovating an old one.

Prices, 5-lb. package, 30c.; 10-lb. package, 50c.; 25-lb. package, \$1.25; 50-lb. bag, \$2.00; 100-lb. bag, \$3.75; per ton of 2,000 lbs., \$60.00.

WE ALSO SUPPLY ALL OF THE MAPES CELEBRATED FERTILIZERS.

F. O. B. Cars or Boats, N. Y.—and will mail new descriptive pamphlet and price list to all applicants.



THE "HENDERSON" LAWN GRASS SEED.

The Purest, Cleanest and Heaviest Lawn Grass Seed Ever Offered!

WITH IT A NEW LAWN, THICK, VELVETY AND GREEN, MAY BE HAD
IN THREE MONTHS' TIME,

AND FOR RENOVATING OLD LAWNS, BAD SPOTS, ETC., IT IS WITHOUT A RIVAL.

Full printed instructions of "How to Make a Lawn" in each package.



THAT the "Henderson" Lawn Grass Seed is the finest mixture ever offered, the immense quantity we annually sell is the best proof we can offer. It is the best lawn seed for our American climate, and is composed of various grasses that grow and flourish during different months of the year, so that a rich, deep green, velvety lawn is constantly maintained. The Henderson Lawn Seed is the result of several years' careful experimenting, and as we now offer it the mixture is unequalled. It may not also be generally known that it is, relatively speaking, the cheapest seed offered, because while the lawn grass mixtures of other seedsmen will not average over 14 lbs. to the bushel, the Henderson Lawn Seed will weigh from 20 to 21 lbs. per measured bushel. The quantity required for making new lawns is 5 bushels per acre, or for renovating old lawns 1 to 2 bushels. For a plot 15x20, or 300 square feet, 1 quart is required for new or 1 pint for renovation. Price, 25c. per quart, \$1.50 per peck, \$5.00 per bush. (If by mail, add at the rate of 5c. per quart for postage.)

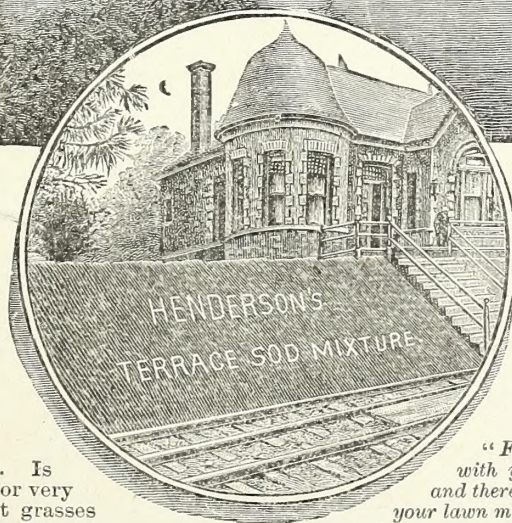
TESTIMONIALS.

"The Lawn Grass which I bought of you in April gave entire satisfaction, although it had no opportunity to do its best on my place, where the soil is a stiff adobe, in some places not a foot deep, overlying a bed of gravel. Water runs through it as through a sieve. Before planting my own lawn, I had the year before bought the same kind of seed, Henderson's Lawn Grass, for a small place I was laying out, and that bit of lawn is as perfect a piece of turf as I could wish to see. It is on better soil but exposed to the full glare of the sun all the year, and the first season after it was planted it had no water for six weeks, yet did not even turn brown. I think it an excellent grass for this climate, and one of its chief merits is its being such clean seed—my lawn is absolutely free from weeds."

ELLA C. POND,
Berkeley, Col.

"For eight or nine years my lawn has been sowed with your grass seed and strewn with your fertilizer, and there is no neater lawn on the island. I have one of your lawn mowers and one of your rollers. My last purchase was grass seed for a small place I own, where the soil is poor and sandy. It was sown early in the spring and has proved to be wonderfully adapted to so barren a spot. Indeed, it has greatly exceeded my expectations in making so rapid a growth, although we are subject here to severe drought and have to depend greatly on sprinkling and watering."

CAROLINE PARKER HILLS,
Rochester Cottage, Mass.



TERRACE SOD MIXTURE. A special mixture of grasses best suited for sowing on terraces, railroad embankments and side hills. Grasses that produce strong, spreading roots, thus preventing heavy rains from washing them out, that will withstand drought and exposure, thrive on shallow soils, and at the same time produce a rich velvety green turf throughout the season. Price, 35c. per quart, \$2.00 per peck, \$7.00 per bushel. *If by mail, add at the rate of 5c. per quart for postage.*

"**SUNNY SOUTH**" LAWN GRASS. Is specially prepared for the South or for very dry sections, and contains all the best grasses that are by nature adapted for hot dry situations. Price, \$7.00 per bushel, \$2.00 per peck, 35c. per quart. *(If by mail, add at the rate of 5c. per quart for postage.)*

"**SHADY NOOK**" MIXTURE is a combination of fine dwarf-growing evergreen grasses, thriving in the shade under trees, etc. Price, 35c. per quart, \$2.00 per peck, \$7.00 per bushel. *(If by mail, add at the rate of 5c. per quart for postage.)*

THE "HENDERSON" LAWN ENRICHER,

A Clean, Portable and Convenient Lawn Dressing for New or Old Lawns, which we highly recommend.

SEE DESCRIPTION AND PRICE ON PAGE 156.

Peter Henderson & Co.

NEW YORK.



EVERYTHING FOR THE LAWN.
(SEE PAGES 150. 151. 156. 157.)

