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Partial view of our Exhibit

62
ant-centennial
N.Y. State Fair held at Syracuse Sept. 11th to 18th 1890.

IT is almost unnecessary to state that the introduction to this Catalogue is written under very different auspices than that of a year ago. Then, the illustrious founder of this house was with us, and still had his hand on the helm of the great business ship which he piloted in safety for so many years. And while **PETER HENDERSON'S** claims to the remembrance of the country will ultimately depend upon his published works, yet he laid the foundations of his great business so broad and so deep that it may not be presumptuous in us to hope that it will prove a monument to his sagacity long after the existing management has passed away.

The present managers, **ALFRED HENDERSON** and **CHARLES HENDERSON**, have had a practical training possessed by few in the seed and plant business, having served a full apprenticeship in every department of the garden and green-house, under the greatest of horticultural teachers. This training has not only been of inestimable value to us personally, but it has, we believe, given us such experience as to enable us to select, in conducting the business, a larger staff of expert seedsmen and florists than any other house in America.

The altered circumstances under which this Catalogue is issued makes it not inappropriate, we hope, to repeat in a measure a few facts in regard to the development of the business entrusted to our care.

The first Catalogue sent out by Mr. Peter Henderson, published over forty years ago, was a modest sheet of four pages, of which one hundred copies were printed. In 1890 the Catalogues, general and special, issued by Peter Henderson & Co., aggregated six hundred thousand copies, requiring over one hundred and twenty-five tons of paper for their production.

The quantities of vegetable seeds disposed of by us in 1890, compared with what we sold even so recently as ten years back, show an increase in this department of over five-fold. The quantities of flower seeds sold have also shown a very marked increase, while in the case of grass seeds, either for the lawn, hay or pasture, the increase in the last few years has been something phenomenal.

To carry on our seed business now taxes the capacity of two buildings, 35 and 37 Cortlandt Street, New York, which have an area of thirteen floors, each 25 x 130 feet. In addition to this, in 1889 we erected in Jersey City a storage seed warehouse with a capacity of over one hundred thousand bushels. These together with our extensive green-house establishment in Jersey City, which is admittedly the largest and best arranged in the United States, place us in an unequalled position both in the seed and florist business.

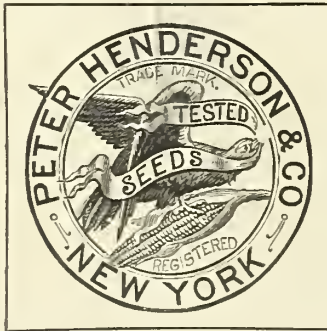
The New York State Fair.—Above we give an excellent portrayal of the exhibit we made at the New York Agricultural Society's Fair Grounds, Syracuse, N. Y., in September, 1890. Last year being the semi-centennial of this Society, we gladly accepted an invitation to make an exhibit, to mark our appreciation of fifty years of valuable work by the leading agricultural society of America. Our exhibit was admitted to be worthy of the occasion, and was, perhaps, the best and most complete display of the kind ever gotten together in this country. A special feature was a full collection of the grasses and forage plants of our country, both in the green and dry state, together with a full set of samples of the seeds which produced them. Our general exhibit of vegetable and flower seeds was on a scale rarely ever attempted, and attracted the attention and admiration of thousands.

TESTED SEEDS.

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 green-house establishment such as ours, where we have houses kept at the various temperatures required by the nature of the seed. Beans, Egg Plants, Cucumbers and other seeds requiring a high temperature cannot be properly tested in the same house with Cabbage, Peas, Celery and other seed of like nature, and *vice versa*. Our green-houses cover over four acres of glass, graded, some from a few degrees above freezing, to others that are kept at a tropical heat in the coldest weather.



While we plume ourselves on the fact that of the very few firms who test their seeds, the methods we practice are more complete and thorough than any, yet the results we obtain are not always conclusive, because our practical experience of many years as market gardeners and florists has fully assured us of the fact that crops may fail, no matter how fresh or pure the seed sown to produce them may be. The failure of seed to germinate may result from causes that the utmost care of the most experienced cultivators cannot control, and the maturing of crops also repeatedly fails, so as to be a total loss, from causes that no human being can avert. 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 have always stated most emphatically that we do not (and our employees also have strict orders never to do so), under any circumstances, guarantee or warrant seeds.



Every year demonstrates more clearly the vital necessity of purchasers demanding our vegetable seeds in sealed packages. It is the only absolute guarantee that you are getting Henderson's Tested Seeds. Every package, large or small, of vegetable seeds sent direct from our establishment, is so sealed, and as we now supply our jobbing trade with our seeds put up in this manner, you will be perfectly justified in refusing any package 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." All this can be avoided by insisting that every package you buy bears our **RED TRADE MARK LABEL**, which we here illustrate, and which is shown in colors on the back cover of this Catalogue.

❖ ❖ NOVELTIES OF THE SEASON. ❖ ❖

We would particularly call the attention of our customers to the long array of splendid novelties which we offer this season. Each has been carefully tested during the past summer, and the various characteristics have been carefully noted by competent experts. In describing our novelties, we endeavor to detail their points of merit and distinctiveness in plain words and without exaggeration.

We would invite special attention to the **new Tomato** offered on page 4, for which we offer a prize of **two hundred and fifty dollars (\$250.00)** for the best and most descriptive name. Aside from this opportunity of procuring this sum of money, we would state that this variety will be a surprise to every one who grows it, as it exceeds in size and weight any known Tomato.

The **LATE PURITAN** Potato will commend itself to any one who has ever grown the Early Puritan, as it is identical with that splendid sort in shape and quality, but is a later variety, and yields nearly double the quantity per acre.

THE BANQUET Musk Melon is certain to become a standard sort both for the market gardener and for the amateur, as in appearance and quality it is unapproached by any Melon that we have ever seen.

On our colored plate will be found the most valuable and distinct Pea, "THE HEROINE," that has been sent out since the American Wonder. The plate also contains the great premium Tomato, "TABLE QUEEN," which we offered for the first time last season.

We would also invite special attention to the two new Pole Beans and the Early Warwick Bush Bean, and the various new varieties of Melons, Peas and Radishes offered on the succeeding pages.

IN PLANT NOVELTIES

We offer some sterling varieties this season, foremost among which is the **PINK** "Ostrich Plume" Chrysanthemum "**LOUIS BOEHMER**," which is shown on the colored plate (page 115) with the Royal Japanese Chrysanthemums. This is undoubtedly the greatest novelty in plants offered this season. It is identical with the **WHITE** "Ostrich Plume" variety (Mrs. Alpheus Hardy) which we offered last year, except the color, which is a beautiful shade of **Pink**. The great value of these "Ostrich Plume" sorts is shown in the price paid for the cut blooms in New York the past season, good flowers selling rapidly at \$40.00 per 100 wholesale, and bringing \$1.00 each at retail.

Among the many new Roses we offer this year, particular attention is called to the **Hardy Ever-blooming** Rose, "Mrs. Degraw," offered on page 103, and **Ruby Gold**, page 102.

Not the least in our galaxy of valuable novelties is the new Carnation, "American Flag," offered on page 122. There are many others which will be found between pages 102 and 127.

IN FLOWER SEED NOVELTIES

We offer some unusually good things. Among those we have tested are Poppy "Eiderdown," Dianthus (Pinks) Fireball and Little Gem, Japanese Hollyhock, Giant Eschscholtzia and others. The new Early Flowering Salvia, "Ingénieur Clavenad," of which great things are claimed, and which will be largely pushed by some this season, we found by tests in several sections to be no earlier nor any improvement over our old autumn flowering favorite, S. Splendens. Thus it will be seen we are very careful not to send out anything as a novelty or an improvement unless we have convinced ourselves of its merit or superiority.

WE WOULD AGAIN INVITE ATTENTION TO THE

New Editions of Mr. Peter Henderson's Books on Horticulture.

(SEE DETAILS OF CONTENTS ON PAGE 148.)

These are admittedly the standard horticultural text books of America. They have been entirely rewritten and enlarged and contain the results of his added experience since the earlier editions were written. These books can be purchased or obtained as premiums on goods selected from this Catalogue. For conditions, see page 148.

HOW AND WHEN TO ORDER. The safe arrival of all Seeds is guaranteed. It will greatly aid us if those ordering Seeds will forward their lists (*made out on the Order Sheet that accompanies this Catalogue*) as soon after its receipt as possible.

POSTAGE ON SEEDS. Seeds by the packet or ounce or $\frac{1}{4}$ lb., either Vegetable or Flower Seeds, will be sent by mail at Catalogue prices without extra charge; mailed in quantities of $\frac{1}{2}$ lb. and upward, postage must be added to Catalogue prices at the rate of 8 cents per lb. For Beans and Peas please add 15 cents per quart; and to Corn, 10 cents per quart to Catalogue prices.

SHOPPING BY EXPRESS. Express companies now have 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.

OUR BASKET SYSTEM OF PACKING Is a great saving to our customers. Packages formerly weighing 30 or 40 pounds in wooden boxes, are now safely carried at far less expense, and we make no extra charge for them.

ABOUT FORWARDING AND REMITTING. Every order is executed at once on its receipt, or a reason given why it has not been sent, so that parties ordering may know that if goods are not received in proper time, it is almost certain that the letter has not been received by us. Remittances should be made either in the form of a *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.

PETER HENDERSON & CO.,

35 & 37 CORTLANDT ST., NEW YORK.

WE WANT A NAME

WORTHY OF THIS

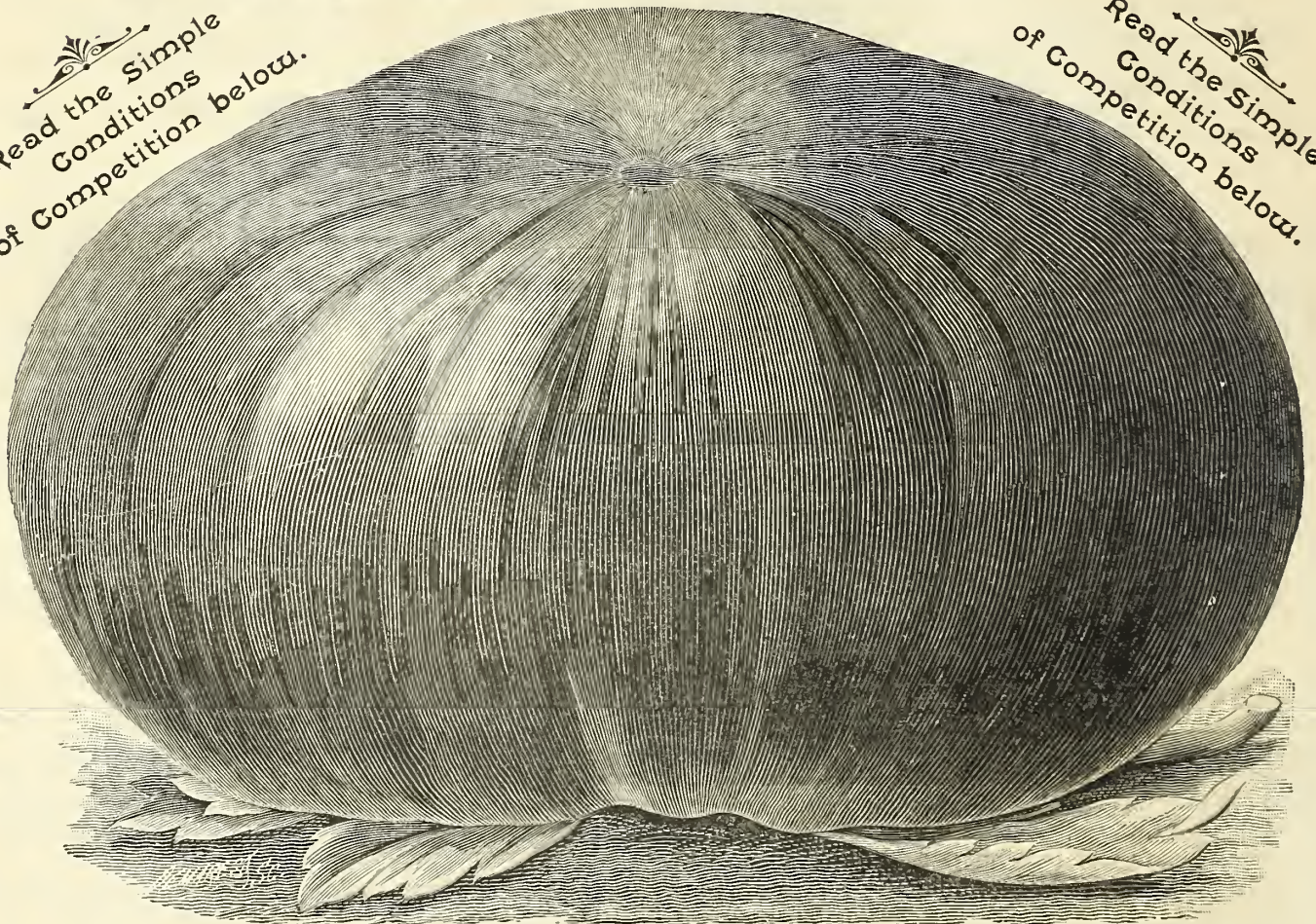
GRAND NEW TOMATO,

AND WILL PAY

\$250⁰⁰ FOR IT.

Read the Simple
Conditions
of Competition below.

Read the Simple
Conditions
of Competition below.



NEW TOMATO No. 400.

The cut gives a good idea of this grand Tomato (which for the present we will call No. 400), but of course conveys no idea of its enormous weight and solidity. It is all solid meat, so free from seeds that we have had to pay our growers five times as much to raise seed of this as of the ordinary sorts. It is a very handsome variety, being uniformly large, smooth, of a dark rich crimson color, and a delicious sub-acid flavor. To show the enormous size of this great Tomato, we would state that twelve specimens weighed 16½ lbs., an average weight of 1 lb. 6 ozs. each, one monster tipping the scales at 1 lb. 14 ozs. Price of New Tomato No. 400, 25c. per packet.

CONDITIONS OF COMPETITION. Every purchaser of this new Tomato is entitled to send in a name for each and every packet purchased. The names can be sent in any time before October 1st, 1891. None will be received after that date. The names will be carefully considered by a capable disinterested committee of three, whose decision shall be final. In the event of two or more parties sending in the same name, and the one selected by the committee, then the prize money will be divided equally. On the front of each packet of seed a space for the name is left, so that competitors can fill in their choice, adding their own name and address in the proper spaces. These empty packets must be returned to us. Price of New Tomato No. 400, 25 cts. per packet.

For the guidance of those suggesting a name, we would say that the judges in coming to a decision will give preference to names of a descriptive character, as, for instance, the Snowball Cauliflower or the White Plume Celery. It is also proper to say that they will reject the names of individuals or any name that has been used before for a Tomato.

Remember, you are entitled to send one NAME for EACH packet YOU BUY, whether it be 1, 5, 10, 50 or 100 packets.

THE "SUBURBAN" COLLECTION

OF

NEW AND RARE VEGETABLES

As shown in Colors on the Back Cover of this Catalogue.

Short Descriptions and Prices of each are here given. Full Descriptions will be found on succeeding pages.

New Pea, "Blue Beauty."

(No. 1.)

This splendid sort we offered for the first time in 1888 and it has given universal satisfaction. Its distinct, tidy habit of growth, together with its exquisite quality and extreme productiveness, are certain to make it a family favorite. (For full description see page 37.)

Price, 20 cts. per pt.; 35 cts. per qt.; \$1.75 per pk.; \$6.00 per bu.

Henderson's New Bush Lima Bean.

(No. 2.)

This grand variety is now found growing in almost every garden from Maine to California. Its delicious quality and extreme productiveness, together with the ease with which it can be grown, have made it the most popular novelty that has been introduced in the last twenty years. (For full description see page 7.)

Price, 10 cts. per pkt.; 40 cts. per ½ pt.; 75 cts. per pt.; \$1.00 per qt.

Henderson's White Plume Celery.

(No. 3.)

This is the best self-blanching Celery, combining as it does splendid quality with ornamental foliage. (For full description see page 26.)

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

HENDERSON'S INTERMEDIATE CARROT.

(No. 4.)

This variety, which we introduced a few years ago, is constantly gaining in public favor. It is of good size, yet splendid quality, and is, all things considered, the best Carrot for family use. (For full description see page 25.)

Price, 10 cts. per pkt.; 20 cts. per oz.; 40 cts. per ¼ lb.; \$1.25 per lb.

BANQUET MUSK MELON.

(No. 5.)

This variety will produce more melons of fine eating quality to a given area than any other sort, and we can recommend it with confidence to all desiring handsome, high flavored musk melons. (For full description see page 13.)

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

HENDERSON'S SNOWBALL CAULIFLOWER.

(No. 6.)

This is not a novelty, as we have been selling it to our most critical customers for the past twelve years, yet we are compelled to place it in this collection, as there is no other strain of Cauliflower equal to it. Its characteristics of uniformity of heading and snow-white color are too well known to need further description. (For full description see page 24.)

Price, 25 cts. per pkt.; \$4.00 per oz.; \$14.00 per ¼ lb.



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Golden Custard Squash.

(No. 7.)

The fine specimen of this variety shown on the back cover of this Catalogue tells better than any description its appearance. We can only add that it is extremely productive and of fine quality. (For full description see page 44.)

Price, 10 cts. per pkt.; 30 cts. per oz.; 75 cts. per ¼ lb.; \$2.00 per lb.

Henderson's Succession Cabbage.

(No. 8.)

It is needless for us to describe or extol this variety. We can only say that it is the finest Cabbage in existence to-day, either for early or late use. (For full description see page 10.)

Price, 15 cts. per pkt.; 60 cts. per oz.; \$2.00 per ¼ lb.; \$7.00 per lb.

Yosemite Mammoth Wax Bush Bean.

(No. 9.)

This is the finest of all the Wax Beans and is entirely different from any of the other sorts inasmuch as it is double the size. The pods are of beautiful golden wax color and when fit for the table are the size of a man's finger in thickness and average from ten to fourteen inches in length. Despite its great size it is of the finest quality and

always cooks tender and delicious. (For full description see page 7.)

Price, 15 cts. per pkt.; 75 cts. per ½ pt.; \$1.25 per pt.; \$2.00 per qt.

EARLY RUBY TOMATO.

(No. 10.)

This variety had a very wide distribution last year, and has given the best satisfaction. It is the earliest of all large Tomatoes and of distinct and handsome appearance. (For full description see page 16.)

Price, 15 cts. per pkt.; 60 cts. per oz.; \$2.00 per ¼ lb.

RAPID FORCING RADISH.

(No. 11.)

This is of the popular round shape, scarlet in color, with distinct white tip, as shown in the lithograph. It is the earliest of all the Radishes, coming into maturity in twenty days from time of sowing. It produces very small tops. (For full description see page 16.)

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

BIG BOSTON LETTUCE.

(No. 12.)

"Boston Market" Lettuce is known everywhere as the best forcing variety. In the "Big Boston" we have a Lettuce of the same appearance and fine quality, but of double the size. It is valuable both for forcing and for out-door use. (For full description see page 13.)

Price, 15 cts. per pkt.; 40 cts. per oz.; \$1.25 per ¼ lb.; \$4.00 per lb.

SPECIAL OFFER. To enable all to test the above, we will supply a packet of each of the full "Suburban" Collection of Vegetables (12 varieties in all) for \$1.00. (Value at regular prices, \$1.70.)



NEW POLE BEANS.

"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 pole. It is entirely stringless, and the pods are a silvery green color, resembling the popular Refuge Bush Bean. The pods, though large, cook tender and melting, and we can recommend it as the best green Pole Bean. (See cut.)

Price, 15c. pkt.; 60c. ½ pt.; \$1.00 pt.

A packet of each of these two Pole Beans for 25c.; a ½ pint of each for \$1.00; a pint of each for \$1.75.

"Golden Champion."

This is certain to be the leading Early Wax Pole Bean, as it is fully two weeks earlier than the Golden Cluster Pole Wax, 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.)

Price, 15c. pkt.; 60c. ½ pt.; \$1.00 pt.

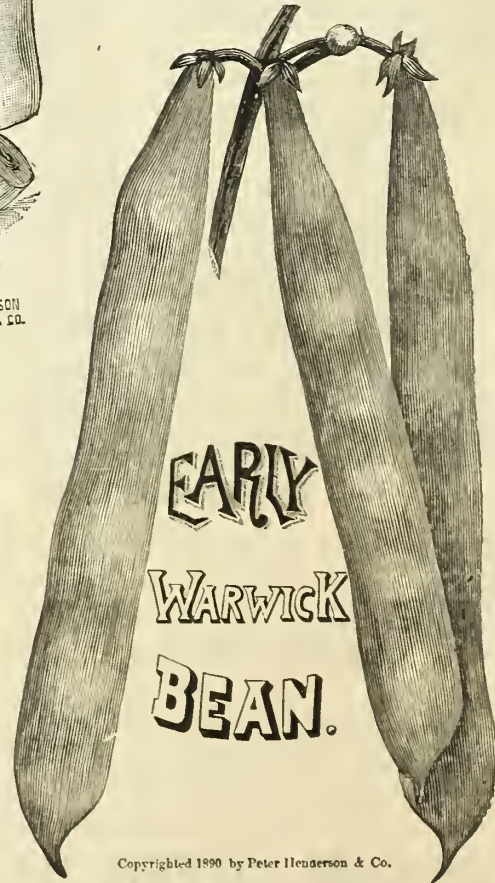
I purchased of you one peck early Puritan Potatoes from which I raised twenty-three bushels of the handsomest Potatoes I ever saw. They are the best large yielding Potatoes seen in my long experience of 40 years in raising Potatoes.—C. W. HODGES, Foxboro, Mass., Nov. 19th, 1890.

EARLY WARWICK Green Bush Bean.

This is a variety that came under our notice two years ago, and which has proven itself to be one of the earliest, if not the earliest Green Bush Bean that we have. Our repeated tests show that this Bean will give a picking of pods four inches and over in forty-three days from the date of planting; this we have never known any other green Bush Bean to do except it be the Emperor William. 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 5½ inches in length. (See cut.)

10 cts. pkt.; 60 cts. per pt.; \$1.00 per qt.



Copyrighted 1890 by Peter Henderson & Co.

HENDERSON'S NEW BUSH LIMA BEAN



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**. Three 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 as soon as it was brought to their attention. One of the most valuable characteristics of the **Bush Lima Bean** is its extreme earliness, as it comes in from two to three weeks ahead of any of the climbing 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.) 10 cts. per pkt.; 40 cts. per ½ pt.; 75 cts. per pt.; \$1.00 per qt.

YOSEMITE MAMMOTH WAX BUSH BEAN.

A GIANT AMONG BEANS.

We had hoped this season to have been in position to offer this variety at lower prices, but owing to the disastrous season which we have had for the Bean crop, we are compelled to maintain the prices of last year. Would say, however, that the **Yosemite Bean** is of such gigantic growth that, really, a small quantity of seed will go further than with an ordinary Bush Bean. To do it justice, the **Yosemite** should be planted at least one-half wider than ordinary Bush Beans.

This is the prototype of a new race of Wax Bush Beans, and is regarded by eminent authorities as second only in value and distinctiveness to the **Bush Lima**. The name was suggested to us for this splendid new Bean on account of its enormous size. 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. (See cut.) Price, per pkt., 15 cts.; ½ pt., 75 cts.; per pt., \$1.25; per qt., \$2.00.

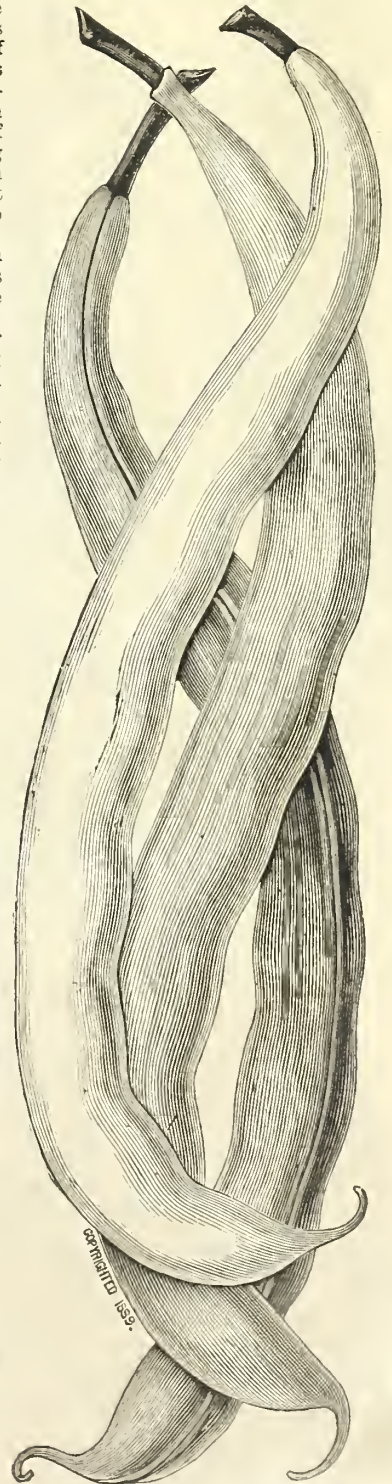


NEW EXTRA EARLY REFUGEE BEAN.
10 DAYS EARLIER THAN THE "OLD" REFUGEE.

—NEW—

EXTRA EARLY REFUGEE BEAN.

The old **Refugee Bean** is so well and favorably known that this new variety will be quickly appreciated. 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. Our stock of this variety has been specially selected and improved, and we recommend all to give it a trial. (See cut.) 20 cts. per pt.; 35 cts. per qt.; \$1.75 per pk.; \$6.00 per bus.



YOSEMITE MAMMOTH WAX BUSH BEAN.

THE

NOVELTIES SHOWN ON COLORED PLATE

NEW PEA, "HEROINE."

WE consider this new variety well worthy of the prominence we give it. It first came under our notice in 1888, and it favorably impressed us at that time. Since then we have grown it under all conditions both in field and garden culture, and side by side with all known varieties, and we say without hesitation that we consider it **by far the greatest acquisition we have had in new Peas in the past decade.**

It is a medium early, green wrinkled Pea, and grows uniformly two to two and a half feet high, coming in between Advancer and Champion of England, and bears a profusion of large, long, slightly curved, pointed pods, **containing from nine to ten large Peas of finest quality.** This new Pea is destined to eclipse Stratagem and Pride of the Market for either private use or market purposes, and being nearly as early as Advancer, will also be more desirable than that well known variety. It is well known by all who have grown these varieties that it is difficult to keep them true and pure, the trouble being that they have been introduced before the types were sufficiently fixed; but in Heroine we have a variety that after careful test has been found to run true and very even, and when we say that in field culture we have found it to ripen and yield double the quantity of peas that the ordinary varieties do, it will be readily seen that in addition to its good quality, it is an immense cropper.

Like many of our most valuable Peas, it is a variety of English origin. It is a cross between Fame and Veitch's Perfection, and Fame, though an unknown sort in this country, came from a cross between Ne Plus Ultra and Stratagem, hence the large, long pointed pods of Heroine. All these varieties produce peas of the finest quality, but **Heroine excels them all.** One of our most experienced growers, who raised last year's crop, is also a great lover of bees, and he at once pronounced Heroine the "Queen" of Peas, for the graceful, slender outline of the pod of this variety is as distinct a feature among Peas as is the form of the graceful ruler in the apiary.

Price, 15 cts. per pkt.; 40 cts. per $\frac{1}{2}$ pt.; 75 cts. per pt.; \$1.25 per qt.

NEW TOMATO, "TABLE QUEEN."

This is the great premium variety which we offered last year, not a single packet of which was sold, but every one of the fifty thousand (50,000) packets sent out went as a premium on orders for other seeds. Our idea in making this unique distribution was to introduce this superb variety into general use at once, and that this object was attained, the enormous number of packets disposed of plainly tells. We doubt if any novelty that we have ever introduced has given more general satisfaction, or has caused us to receive so many flattering letters from all sections of the country. Our judgment in regard to this variety being endorsed by thousands of our customers who tried it last season, we have this year given it a place on the colored plate opposite. The "Table Queen" Tomato is the largest and heaviest smooth Tomato ever offered, being 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 of the "Table Queen," as shown in the plate, is a rich shade of crimson, and of a most agreeable acid flavor. This will doubtless prove to be the most satisfactory Tomato for private gardens that has been sent out in many years.

Price, 20 cts. per pkt.; \$1.00 per oz.; \$3.00 per $\frac{1}{4}$ lb.

NEW
PEA "HEROINE"



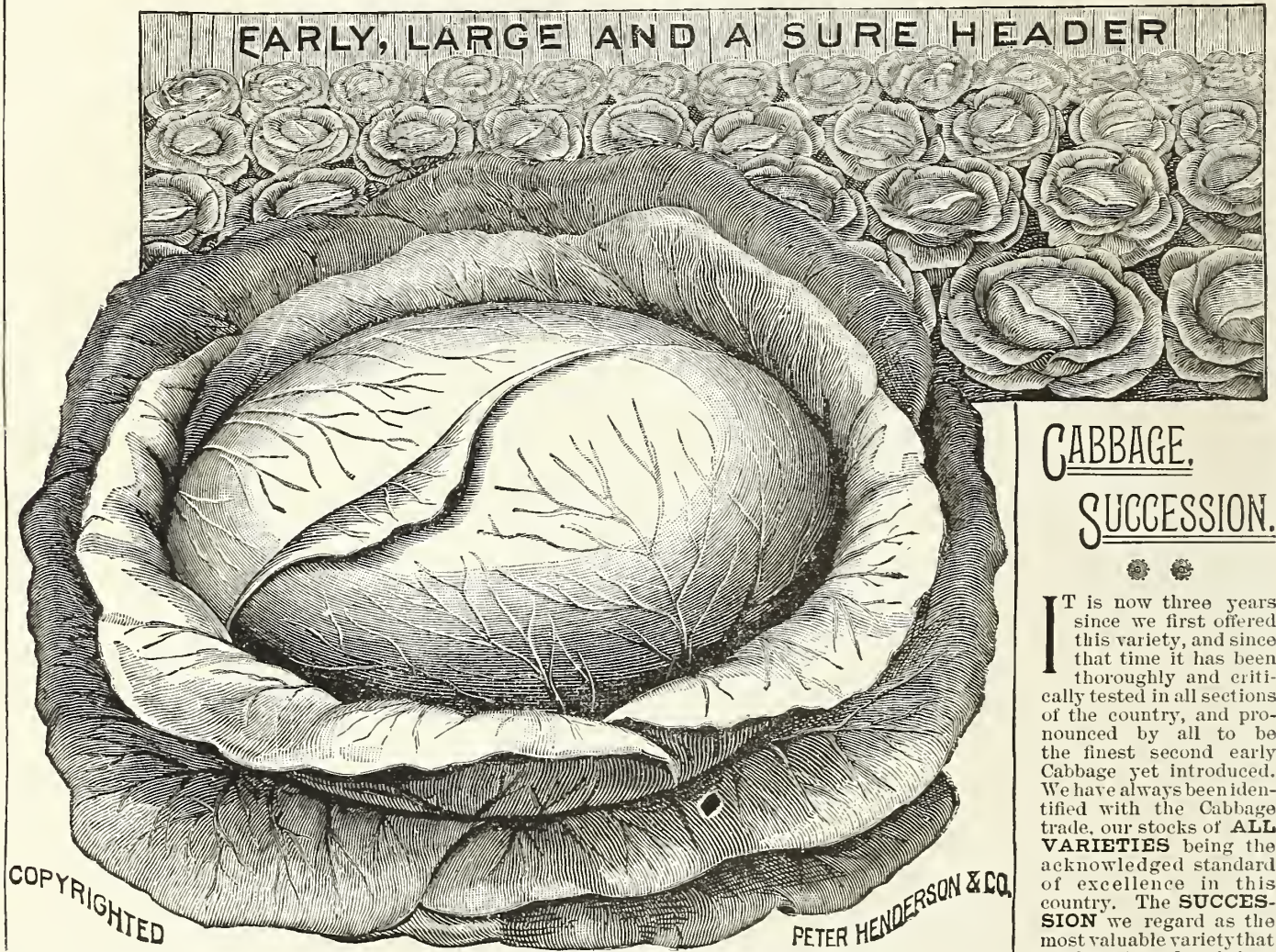
NATURAL
SIZE.

Tomato
"TABLE QUEEN"



PETER HENDERSON & CO
35 & 37 CORTLANDT ST. NEW YORK.

HENDERSON'S SUCCESSION CABBAGE.



CABBAGE. SUCCESSION.

IT is now three years since we first offered this variety, and since that time it has been thoroughly and critically tested in all sections of the country, and pronounced by all to be the finest second early Cabbage yet introduced. We have always been identified with the Cabbage trade, our stocks of **ALL VARIETIES** being the acknowledged standard of excellence in this country. The **SUCCESSION** we regard as the most valuable variety that has been introduced since

the Early Summer (first sent out by us in 1874). The **SUCCESSION** is about one week later than the Early Summer, but is double the size, and is so finely bred that in a field of ten acres every head was a perfect specimen fit for exhibition purposes. Its earliness, uniform large size, solidity and sure heading qualities make it the most valuable Cabbage either for private use or for market purposes. (See cut.) Price, 15 cts. per pkt.; 60 cts. oz.; \$2.00 $\frac{1}{4}$ lb.; \$7.00 lb.

WORDS OF PRAISE FOR HENDERSON'S SUCCESSION CABBAGE.

A FEW TESTIMONIALS SELECTED FROM SEVERAL HUNDREDS RECEIVED LAST SEASON.

Henderson's Succession Cabbage has all the most essential elements requisite to the make up of a superior variety of Cabbage—has no superior if indeed any equal. Those grown here this dry summer grew luxuriantly and developed regardless of the drought. No other variety hitherto raised in this part of the Lower Columbia Valley compares with it for solidity of head, while none surpass it in richness of flavor. It is destined to large popularity; is a salable variety, satisfying the tastes of all. It is indeed extra good, both early and late. We want no other variety, since it is a good "kraut" kind, as well as for other modes of preparation.—R. T. LOCKWOOD, La Centre, Wash., Feb. 1890.

I have planted Cabbage for 50 years, and I have never seen as good a Cabbage as your Succession. It yields six times as much as any I have ever tried.—S. MILLER, Jonesboro, Ill., Feb. 8th, 1890.

Your Succession Cabbage excels all.—WM. ACKERMAN, Eaton, O., Jan. 30th, 1890.

The Succession Cabbage is the best summer Cabbage I have ever raised.—F. D. MILLER, W. Springfield, Mass., Feb. 8th, 1890.

I tried your Succession Cabbage, and it proved to be the best I have cultivated in twenty-five years. I set out plants in July, and every plant made a fine head, many of them weighing 12 lbs. Beside this, it has a decidedly better flavor, almost as good as Cauliflower. Your Succession Cabbage will be recommended to all my friends.—HUGO BEYER, New Loudon, Iowa, Jan. 29th, 1890.

All the seeds I purchased from you last year gave good satisfaction, especially your Succession Cabbage.—W. A. HYMAN, Quincy, Ill., Jan. 29th, 1890.

I find your seed very satisfactory. The Succession Cabbage I tried last year was the finest Cabbage I had ever seen.—JAMES McCOMBS, Seattle, Wash., Feb. 8th, 1890. Succession Cabbage is the best. It is the best of all Cabbages that come to Montgomery from everywhere, so all who use it say.—AMOS A. KAUNE, Montgomery, N. Y.

We found your Succession Cabbage in last season's trial to be all you claim for it, the best second early.—E. V. & J. H. EATON, So. Sudbury, Mass.

Your Yellow Globe Onion Seed did splendidly with me this season. The Mikado Tomato there is no use saying anything about, and your Succession Cabbage is wonderful; it cannot be improved.—D. E. SWEET, Watertown, N. Y.

I have bought seeds of you for fifteen years, and have always been well pleased with them. Your Succession Cabbage is the finest I ever saw. Thanks for extras.—Geo. F. MILLER, Edella, Ia.

I might say that the seed I got from you last produced the best results I ever had in my twenty-five years' experience. I must say of Succession Cabbage, that every head was marketable; in fact, I had the best Cabbages last season that I ever raised in my life.—JOHN P. WADING, Fairport, N. Y.

Your Succession Cabbage surpasses anything I have ever grown.—WM. A. BURGESS, JR., Gardener to J. Raymond, Inwood, N. Y.

New Beet, Reine des Noires.

(Queen of Blacks.)

A unique and beautiful variety, desirable both for its table qualities and ornamental foliage. The habit of this variety is very erect and its handsome foliage is a dark blood red, resembling in color a dark variety of Dracena or Cannas. The beet itself is full sized, dark crimson in color, and unexcelled in quality. (See cut.) 15 cts. per pkt.; 7 pkts. for \$1.00.

ARLINGTON BEET.

We can recommend this variety for both the amateur and the market gardener. It is somewhat of the same style as Dewing's Blood Turnip, but quite distinct, being rather flat and much earlier. As shown by the cut it is similar to the Eclipse in shape, but is darker and more desirable in color. The peculiar and distinctive feature of the Arlington Beet is the fact that it does not become bitter and stringy when it is a little old, as is the case with many other varieties. (See cut.) 10 cts. per pkt.; 20 cts. per oz.; 50 cts. per 1/4 lb.; \$1.50 per lb.

Improved Golden Wax Bean.

We cannot speak too highly of the general good qualities of this Bean. In our trials we found it to be free from rust, larger in pod and more prolific than the old variety. It is also more handsome and robust and shows no string even when past its best. The ordinary Golden Wax has been such a general favorite for many years, that any improvement on it, as this is admitted to be, must be held as a boon to all. 30c. pt.; 50c. qt.; \$2.25 peck; \$7.50 bush.

I am pleased to say your Early Ruby Tomato has done well out-of-doors [something unusual in England]—have had some fine fruit.—W. H. ARTHUR, Cambridge, England, October 4th, 1890.

Lentz Beet.

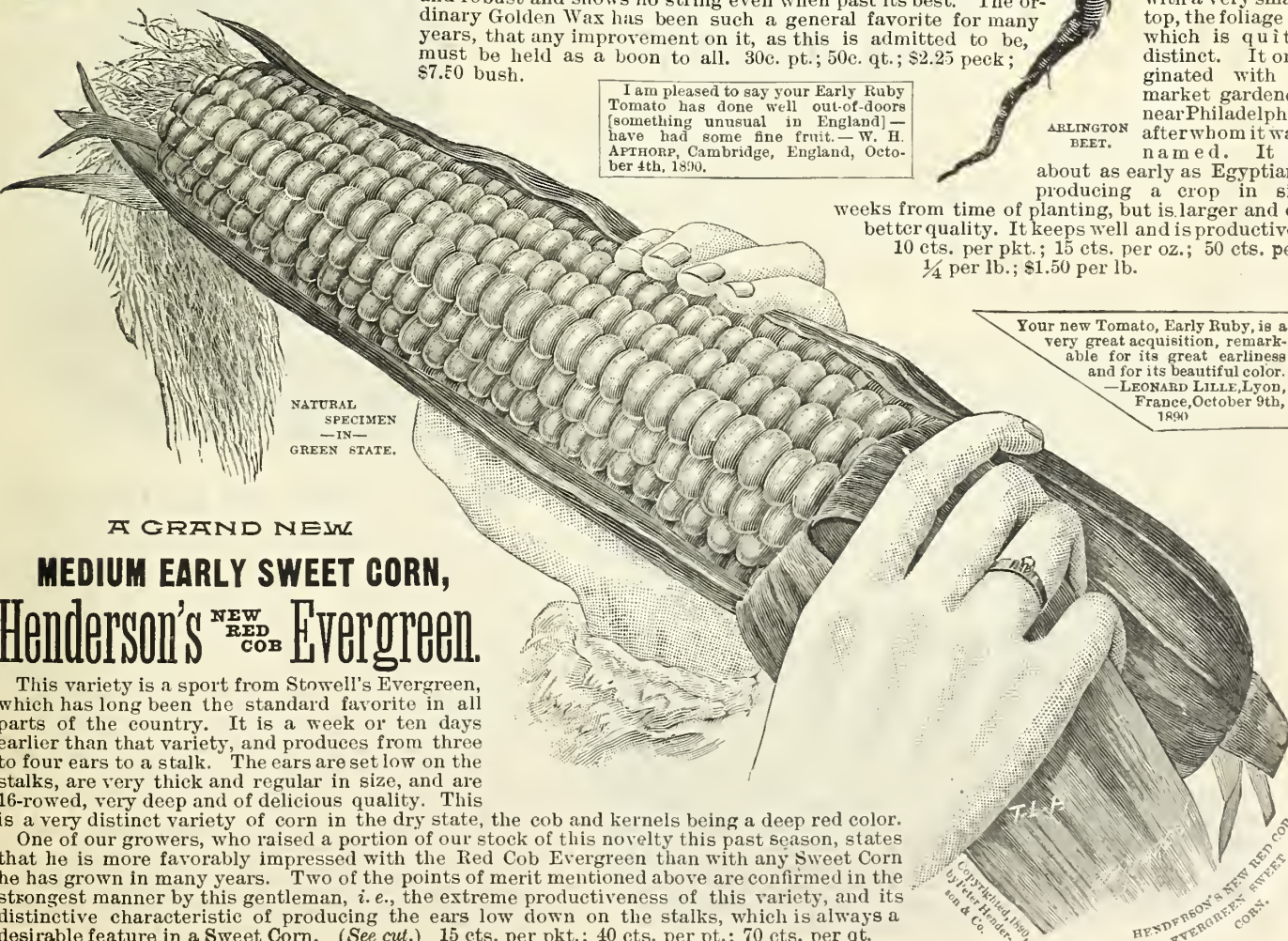
This is an extra early Turnip Beet with a very small top, the foliage of which is quite distinct. It originated with a market gardener near Philadelphia after whom it was named. It is

about as early as Egyptian, producing a crop in six weeks from time of planting, but is larger and of better quality. It keeps well and is productive. 10 cts. per pkt.; 15 cts. per oz.; 50 cts. per 1/4 per lb.; \$1.50 per lb.

Your new Tomato, Early Ruby, is a very great acquisition, remarkable for its great earliness and for its beautiful color.—LEONARD LILLE, Lyon, France, October 9th, 1890



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NATURAL SPECIMEN — IN — GREEN STATE.

A GRAND NEW

MEDIUM EARLY SWEET CORN,

Henderson's NEW RED COB Evergreen.

This variety is a sport from Stowell's Evergreen, which has long been the standard favorite in all parts of the country. It is a week or ten days earlier than that variety, and produces from three to 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. This is a very distinct variety of corn in the dry state, the cob and kernels being a deep red color.

One of our growers, who raised a portion of our stock of this novelty this past season, states that he is more favorably impressed with the Red Cob Evergreen than with any Sweet Corn he has grown in many years. Two of the points of merit mentioned above are confirmed in the strongest manner by this gentleman, i. e., the extreme productiveness of this variety, and its distinctive characteristic of producing the ears low down on the stalks, which is always a desirable feature in a Sweet Corn. (See cut.) 15 cts. per pkt.; 40 cts. per pt.; 70 cts. per qt.

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HENDERSON'S NEW RED COB EVERGREEN SWEET CORN.



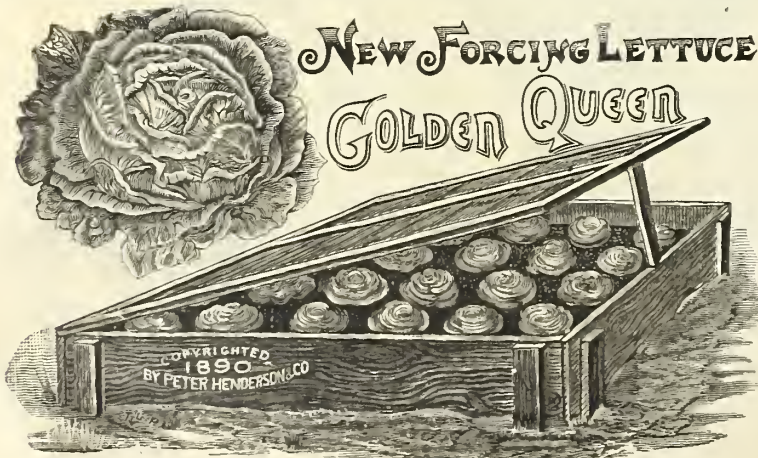
GIANT PASCAL CELERY.

NEW CELERY, "Giant Pascal."

This variety is a selection from the New Golden Self-blanching Celery which has become so popular in the last few years; it partakes of the best qualities of that variety, but is much larger and a better keeper. It 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; the width and thickness of the stalks are distinctive features of this variety. It bleaches with but slight "earthing up," and very quickly, usually in five or six days. Likely to prove a most valuable variety for both second early and midwinter use. (See cut.) 15 cts. per pkt.; 75 cts. per oz.; \$2.50 per ¼ lb.; \$8.00 per lb.

The dollar's worth of Bush Lima Beans purchased from you last spring did remarkably well. They were ready for the table I think three weeks before the Pole Limas planted at the same time, and continued bearing until killed with frost. I consider them very valuable. I exhibited them in hearing at our Farmers' Club, and each member wished some for seed, which I furnished them.—EDWIN WALTON, Ercildoun, Pa., March 14th, 1890.

I tried last season your Bush Lima Beans; found them all you represented them; the most wonderful producers and greatest novelty I ever heard of. Think you deserve all the praises you have received, and more too, for introducing this wonder.—MRS. SALLIE E. RUSSELL, Winchester, Va., Jan. 29th, 1890.



Barteldes' Denver Market Lettuce.

This novelty comes to us highly recommended and we append the introducer's description of same:

"We obtained a few seeds of this new Lettuce some years ago from a market gardener in Denver, Colorado, and succeeded this year in raising a limited supply of the seed. It is an early variety of Head Lettuce, either for forcing or open ground. It forms large, solid heads, of a good, light green color and is very slow to run to seed. The leaves are beautifully curled and crimped (like the Savoy Cabbages), and are very tender, crisp and of excellent flavor. The crimped leaves distinguish it from any other kind of Lettuce now grown. The shape of the head resembles somewhat the Hanson, but is more oblong. C. C. Morse & Co., seed growers, California, say: 'It is the best novelty ever sent to us, and tried in our trial grounds, together with ninety-six other varieties of Lettuce, we found it to be the best.'" 15 cts. per pkt.; 8 pkts. for \$1.00.

NEW COS OR CELERY LETTUCE, "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 unequaled. The leaves when bleached are stiff like Celery stalks and can be eaten in the same manner. (See cut.) Price, 15 cts. per pkt.; 80 cts. per oz.; \$2.50 per ¼ lb.



(Copyrighted, 1890, by Peter Henderson & Co.)

New Foreign Lettuce, "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 of dwarf, compact growth, and produces so few outer leaves that it may be planted close together as shown in the engraving. 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.

This variety will prove equally valuable for forcing in greenhouses or frames or for out-door use, but if grown in the open ground it should be sown early in the season.

The "Golden Queen" Lettuce is very crisp, tender and juicy, and of particularly delicate flavor even when grown in the open ground, resembling in its tender quality the Boston Market Lettuce when that variety is forced with artificial heat under glass. (See cut.) 20 cts. per pkt.; 50 cts. per oz.; \$1.50 per ¼ lb.

THE NEWPORT MUSK MELON.

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. Through the courtesy of the raiser, Mr. J. P. Dickenson, we are enabled to offer this splendid variety for the first time, and can unhesitatingly recommend it where quality is the desideratum. The Newport stands in the same relation to the green-fleshed melons as the "Banquet" does to the red, in every respect the best. 15c. per pkt.; 8 pkts. for \$1.00.

Pepper, "Cardinal."

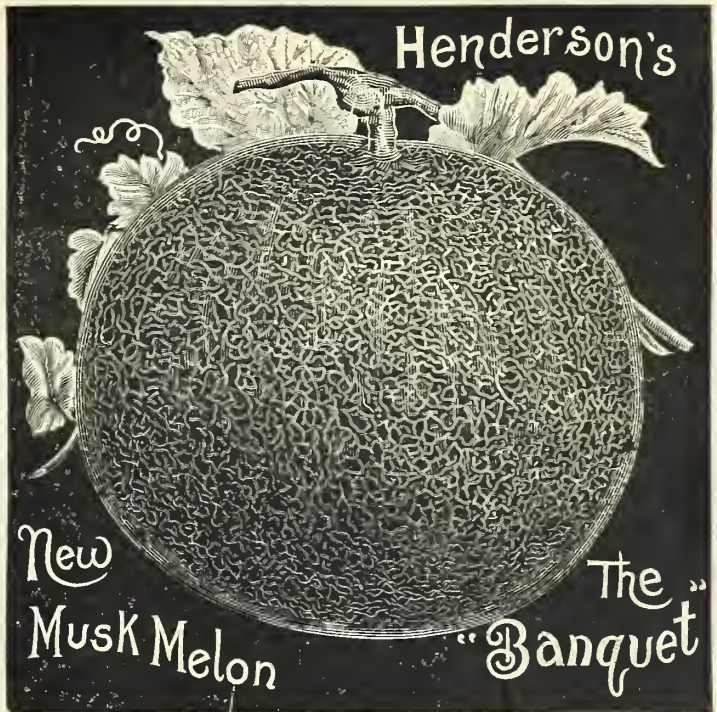
(Novelty, 1890.)

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. (See cut.)
Price, 15c. per pkt.; \$1.00 per oz.



PEPPER, CARDINAL.

I obtained four packages of your Bush Lima Beans last year, and was very much pleased with them. I think them the finest Limas I ever had.—Mrs. M. S. BROWER, New Canaan, Ct., Jan. 20, '90.



(Copyrighted, 1890, by Peter Henderson & Co.)

NEW MUSK MELON,

"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 cut above shown is an actual reproduction of a photograph, while the specimen shown on the back cover of this Catalogue will give some idea of its color, "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.) 25c. per pkt.; 5 pkts. for \$1.00.

For two years I have grown your White Plume Celery, and both years have taken the first premium at the Danbury Fair, the largest agricultural fair in New England. Your Golden Self-Blanching also took first premium.—D. BANKHEAD, Danbury, Conn., November 1st, 1889.

NEW LETTUCE, "BIG BOSTON."

This variety is identical in color, shape and general appearance with the famous Boston Market Lettuce, but is double the size. It is about one week later in maturing, but its solidity and greater size of head will make it a most valuable sort. A most desirable variety either for forcing or open ground planting. (See cut.)

Price, 15c. per pkt.; 40c. per oz.; \$1.25 per 1/4 lb.; \$4.00 per lb.

FOUR VALUABLE NEW PEAS.

We would call special attention to the four varieties of Peas described on page 14, all of which are now offered for the first time in America. "HEROINE" (which also has a place on our colored plate, see page 8) we consider the most distinct and valuable variety that has been introduced since American Wonder. The other three sorts, "The Admiral," "The Don" and "The Mayor," are equally valuable in their class, and should be tried by every one.

SPECIAL.—1 pint of each of the 4 valuable New Peas for \$2.00.

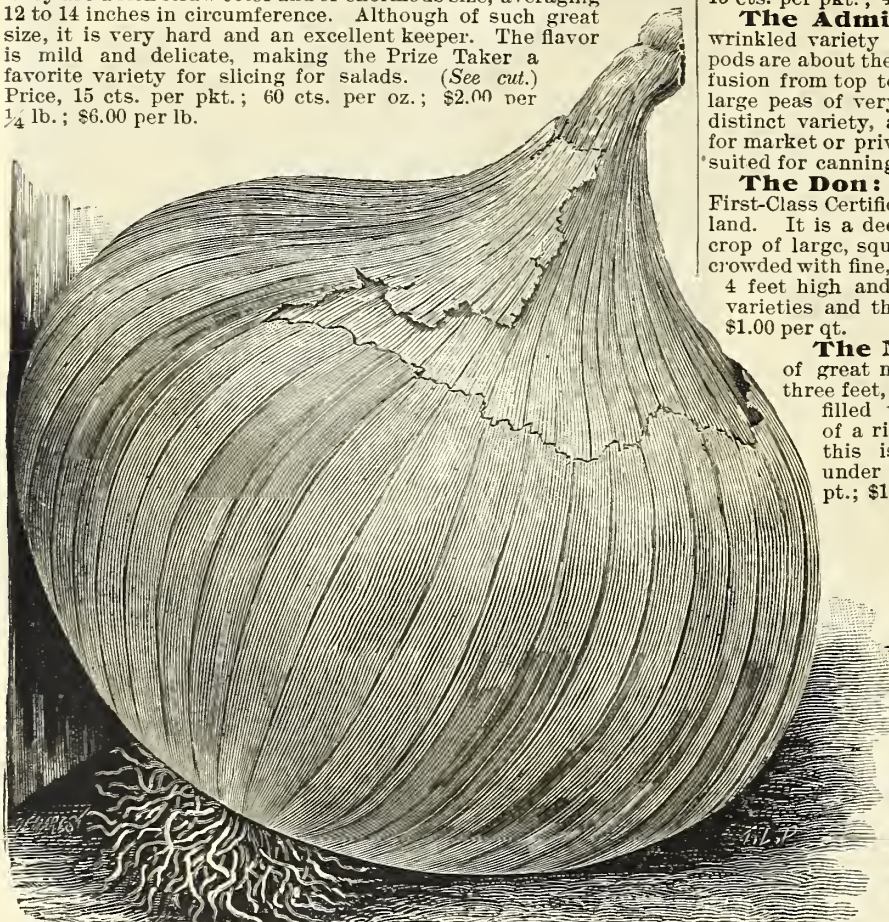


NEW LETTUCE, "BIG BOSTON."

(Copyrighted, 1890, by Peter Henderson & Co.)

NEW ONION, "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, 15 cts. per pkt.; 60 cts. per oz.; \$2.00 per 1/4 lb.; \$6.00 per lb.



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NEW ONION, "PRIZE TAKER."

NEW PEAS, "CHELSEA."

This fine new Dwarf Pea will be appreciated by all growers of early dwarf kinds, owing to its remarkable earliness and splendid quality. The plant grows one foot in height, and is of compact, short-jointed habit; it is as early as *American Wonder* and earlier than *Little Gem*, and gives a much larger crop than either of these sorts, bearing in pairs from the bottom to the top an abundance of handsome pods, which are half as long again as those of any other first early dwarf kind. The pods are remarkably handsome, having a graceful curve. They are well filled, each containing eight to ten good-sized peas of first-rate quality, which, when cooked, are rich, sugary, and of marrow-like flavor. (See cut.) The peas are white wrinkled in the dry state.

Price, 50 cts. per pt.; 75 cts. per qt.



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FOUR VALUABLE NEW PEAS

Now offered for the first time in America.

Heroine. (See colored plate and description, page 8.) Price, 15 cts. per pkt.; 40 cts. per 1/2 pt.; 75 cts. per pt.; \$1.25 per qt.

The Admiral: heaviest cropping early Pea extant. This wrinkled variety grows to a height of from 3 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. Price, 60 cts. per pt.; \$1.00 per qt.

The Don: This is a new variety, which was awarded a First-Class Certificate by the Royal Horticultural Society of England. It is a deep green, wrinkled sort, produces an abundant crop of large, square-ended, well-filled pods. These are literally crowded with fine, large peas of delicious flavor. It grows about 4 feet high and comes into bearing between the second early varieties and the general or main crop. Price, 60 cts. per pt.; \$1.00 per qt.

The Mayor: A main crop, green wrinkled variety of great merit. It grows to a uniform height of about three feet, is very prolific; the pods are large and tightly filled with seven to ten peas of immense size, and of a rich, buttery flavor. For a general or main crop this is one of the best varieties that has come under our notice for some time. Price, 60 cts. per pt.; \$1.00 per qt.

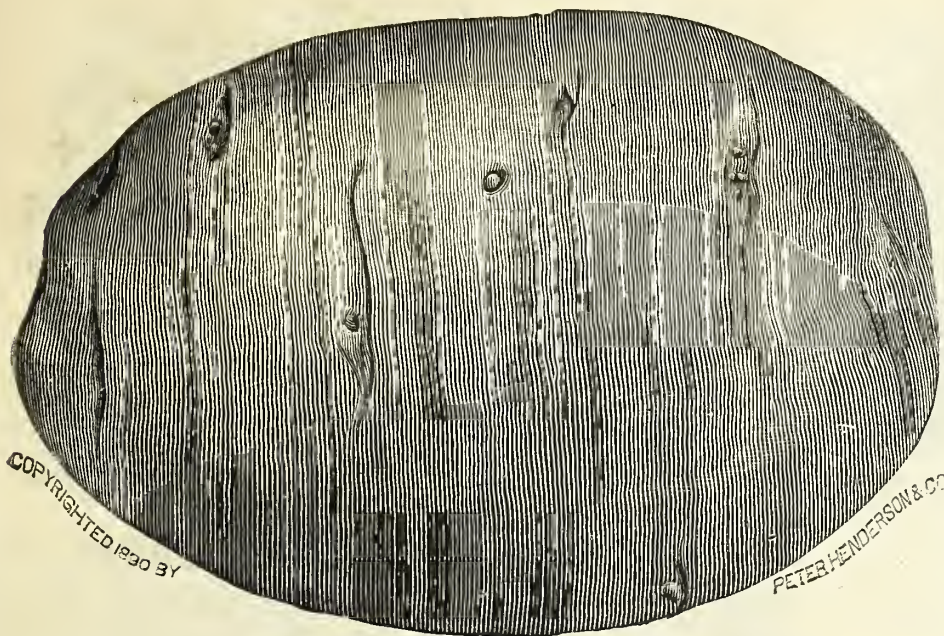
SPECIAL.—One pint of each of the above valuable Peas for \$2.00.



NEW PEAS, "CHELSEA."

NEW VERY DWARF SUGAR PEAS.

The adjoining illustration shows one of the most distinct little novelties that has come under our notice for a long time. As will be seen, it is unusually dwarf, being very similar in habit to the well known *American Wonder* Pea. The pods are beautifully crimped, are of unusual size for such a small growing sort, and are of exquisite, melting quality. Of recent years the demand has increased very much for Sugar Peas in this country, and we feel sure that this little variety will be welcome, as it has a great advantage from the fact that it does not require brushing or staking as other Sugar Peas do. (See cut.) 15 cts. per pkt.; 40 cts. per 1/2 pt.; 75 cts. per pt.; \$1.25 per qt.



HENDERSON'S NEW "LATE PURITAN" POTATO.

HENDERSON'S NEW "Late Puritan"

◇ POTATO. ◇

The "Early Puritan" Potato, which we introduced three years ago, 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*. Mr. Robert Birch, from whom we purchased the stock of this new variety, is one of the largest market gardeners in Michigan, and he writes as follows:

"Two years ago I purchased and planted some of your 'Early Puritan' Potatoes, and found among them a few hills that did not ripen until late in the season. I saved all of these late maturing ones separately, and planted them the following year. They held, without variation, their late

characteristic, and yielded more than double what the early ones did. I have this season three acres of this late variety, and seven acres of the early variety, but I will have more bushels of potatoes from the three acres of late than from the seven of early, as it is so much more productive."

The "LATE PURITAN" is certain to become a standard main crop sort. (See cut.)

Price, 30 cts. per lb.; 4 lbs. for \$1.00 (postage, 8 cts. per lb. extra); \$1.25 per peck; \$4.50 per bush.; \$10.00 per bbl.

◇ NEW PIE PUMPKIN "CALHOUN." ◇

There have been so many varieties of Pumpkins offered in the last few years, that we were rather incredulous of the merits claimed for this variety when it was first brought to our attention. On investigation, however, we satisfied ourselves that the "Calhoun" Pumpkin is one of the most desirable acquisitions that we have had in years.

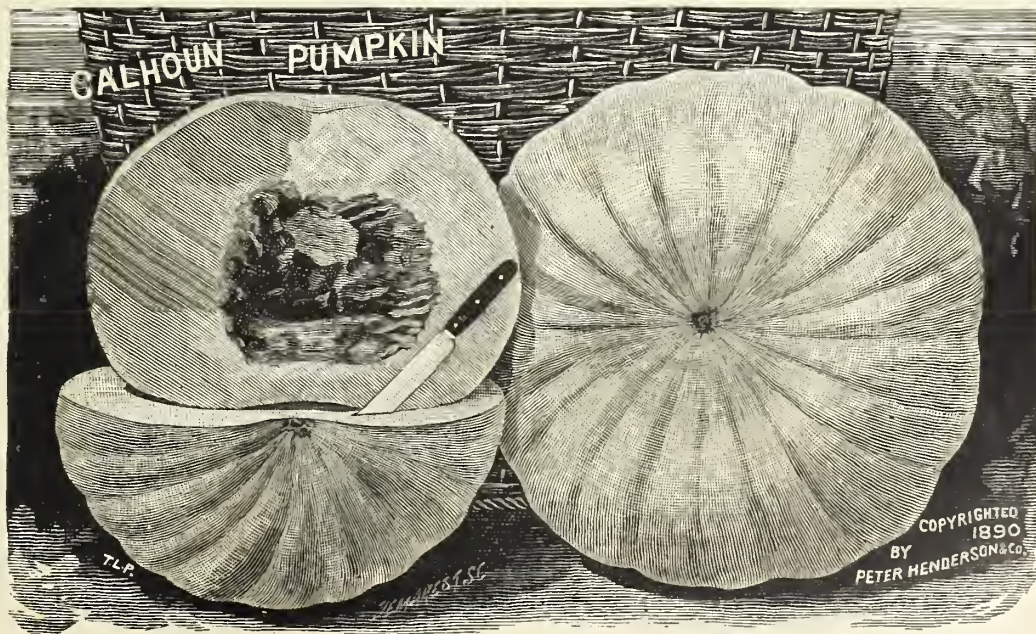
In size it runs from medium to small, and is on this account deceptive to the casual observer. It is of extraordinary weight and solidity, and of a quality and productiveness that we have never seen equaled. The originator, Mr. Calhoun, has sold this variety to a limited extent in his local market in the past few years, and their superiority was so well known that no other pumpkins could be sold while his were to be had. This variety is entirely fixed in its character, every specimen being uniformly of the shape shown in the engraving. The outside is of a pale yellowish brown color, the inside being a dark, rich salmon or orange yellow.

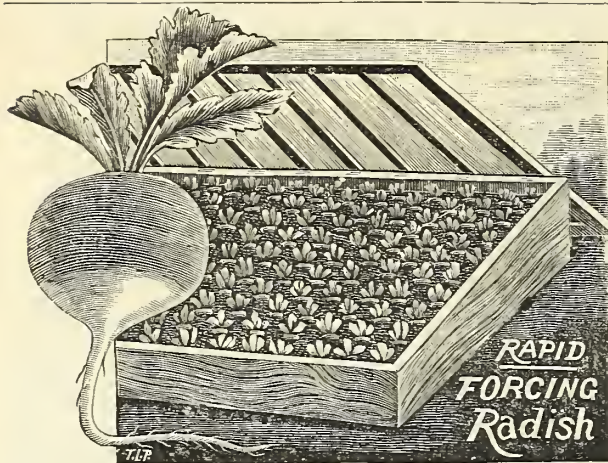
The following extract from a letter received from Mr. E. L. Coy, West Hebron, N. Y., gives his unprejudiced opinion of this variety. Mr. Coy is well known as the originator of Henderson's Early Puritan Potato, and is probably the highest authority on such matters in this country:

MESSRS. PETER HENDERSON & CO.

GENTLEMEN:—On Thursday afternoon a box arrived by express containing a small but very handsome specimen of a pumpkin. After a thorough examination of its outside characteristics, I proceeded to an inside examination also by cutting it. I had an idea from its creamy outside color that the flesh would also be light in color, but on this point a great surprise was in store, for on cutting it I found its flesh to be a deep salmon yellow; the flesh was wonderfully thick and fine grained and the seed cavity very small. It cooked very yellow, and made pies of a high, rich color and of superior quality; in fact, I never ate better pumpkin pies, if as good. It will undoubtedly prove of great value on account of its beauty of form, solidity, richness of flavor, and high, rich color." (See cut.)

Price, 15 cts. per pkt.; 2 pkts. for 25 cts.; 10 pkts. for \$1.00.





RAPID FORCING RADISH. Copyrighted, 1889, by Peter Henderson & Co.

RAPID FORCING RADISH.

Our illustration gives a good idea of this fine variety. It resembles the Scarlet Turnip, White Tipped variety, but is much earlier, coming to maturity in 22 days from the time of sowing, and having very small tops will prove to be the Radish for forcing purposes. Being very handsome and of fine quality, it is equally desirable for the garden. (See cut.) Price, 10 cts. per pkt.; 25 cts. per oz.; 75 cts. per ¼ lb.; \$2.50 per lb.

The Sandwich Radish.

So called because it is largely used by the French and Germans for slicing for sandwiches, the radish taking the place of meat. This variety is of a pure snow-white color, similar to the White Strasburg in shape, but rather more stump rooted. It produces small tops, and is in every respect the most desirable of its class. See cut. 15 cts. per pkt.; 40 cts. per oz.

Please accept thanks for extras sent with my last order; they were things distinct from any I had. I have raised Lima Beans 34 years; your Bush Lima beats them all.

SMITH KNAPP,

February 17th, 1890.

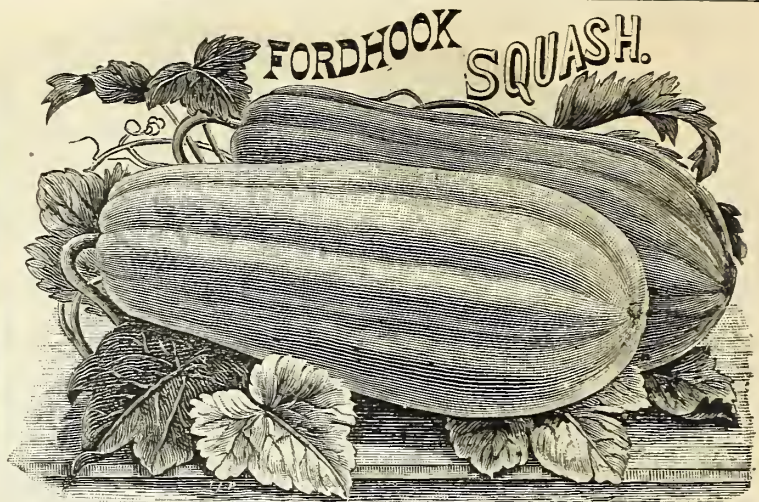
Willow Brook, N. Y.

I gave your Eclipse Beet seed a good test last year, and I am going through the same test this year. Your seeds proved the earliest and best and the purest of the many seeds I planted. I ordered some from five or six different firms last year, but yours were the best.

O. F. FULLER,

March 18th, 1890.

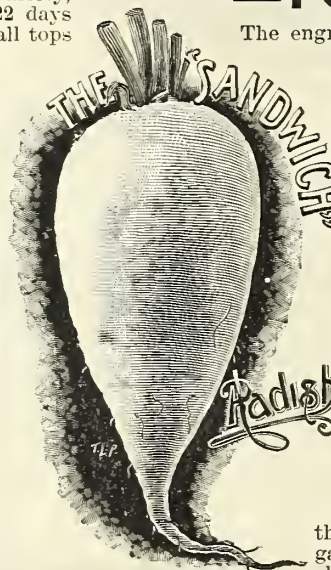
Blackstone, Mass.



(Copyrighted, 1890, by Peter Henderson & Co.)

FORDHOOK SQUASH.

The engraving shows the shape of this grand new Squash. It is extremely handsome, of a bright yellow outside and straw-yellow within. The flesh is dry and sweet, and the best in quality of all Winter Squashes. 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. The stem is thin and hard, and also the roots, consequently it is perfectly free from the attacks of the Squash borer. It matures early and far north, and is everywhere a sure cropper, being earlier in ripening than any other Winter Squash. Immensely productive. A remarkable keeper, yet the skin is very thin and delicate. The meat is very thick and seed cavity small. Another feature is that the green Squashes can be used at any stage of their growth and in flavor are superior to any Summer Squash. (See cut.) Price, per pkt., 10 cts.; 30 cts. per oz.; 75 cts. per ¼ lb.; \$2.00 per lb.



(Copyrighted, 1890, by P. H. & Co.)

New Tomato, "Early Ruby"

The great value of this variety lies in the fact that it is the earliest large Tomato. One of the largest market gardeners in the vicinity of New York last season purchased five hundred packets of the Early Ruby, paying us \$60.00 for the same. His crop came in bearing at least two weeks ahead of any other varieties in that section, and he estimated that his extra profit from this investment amounted to upwards of \$300.00.

A single plant of this new Tomato was first observed in a field of the "Perfection" variety, in the tomato-growing district of Monmouth County, N. J., by its being loaded with ripe fruit while all the rest of the crop was yet green. We examined the crop of nearly an acre on July 10th of the following year; it was then full of ripe fruit, while a field containing the "Perfection" and "Dwarf Champion" on the other side of the fence, which were sown and planted at the same time and otherwise treated exactly the same, were still green. We believe we are safe in saying that it is by far the earliest of all the large-sized Tomatoes which combine good form, color and solidity, and that it is certain to prove the leading market variety. The peculiar open habit of the plant, as shown by the cut, is a distinctive feature of this variety, and is the reason why it is earlier than any other variety, the sun having a better chance to reach and ripen the fruit than in more upright and compact varieties. (See cut.) Price, 15 cts. per pkt.; 60 cts. per oz.; \$2.00 per ¼ lb.



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I am much pleased with your Autumn King Cabbage. It is the king of fall Cabbages for this northern section. I grew two heads with ordinary cultivation which weighed 60 pounds. I think with extra care that the Autumn King could be grown twice that weight. It is very thick through the head, and I consider it the finest of all winter Cabbages.—W. H. Foord, Peterboro', Canada, Nov. 2d, 1889.



EARLY MOHAWK BEAN.

BEANS, GREEN PODDED SORTS. DWARF OR BUSH.

WHITE MARROW. The variety so extensively grown for sale in the dry state. It is also valued as a string bean. Seeds are ivory white. 20 cts. pt.; 30 cts. qt.; \$1.75 peck; \$5.50 bushel.

HENDERSON'S NEW BUSH LIMA. (See full description on page 7.) 10 cts. per pkt.; 40 cts. $\frac{1}{2}$ pt.; 75 cts. pt.; \$1.00 qt.

EXTRA EARLY REFUGEE. (See *Novelties*, page 7.) 20 cts. per pt.; 35 cts. per qt.; \$1.75 peck; \$6.00 bush.

EARLY WARWICK. (See *Novelties*, page 6.) 10 cts. per pkt.; 60 cts. pt.; \$1.00 qt.

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. (See *cut.*) 25 cts. pt.; 40 cts. qt.; \$2.00 peck; \$6 bushel.

RHODE ISLAND DWARF CASEKNIFE.

A continual bearer during the summer. Exceedingly early, and when young the beans are tender, and of very fine flavor. 20 cts. pt.; 30 cts. qt.; \$1.50 peck; \$5.00 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. 20 cts. pt.; 30 cts. qt.; \$1.75 peck; \$5.50 bush.

GALLEGA OR LARGE REFUGEE.

Both the pods and seeds are larger than the Refugee variety, and it is also a better yielder. Seeds, when ripe, purple speckled with white. 20c. pt.; 30c. qt.; \$1.25 peck; \$4.00 bu.

Golden Refugee. Pods perfectly round, and of very light color. Seeds distinct in appearance from the old Refugee. 20 cts. pt.; 35 cts. qt.; \$1.75 peck; \$6.00 bush.

Large White Kidney. Excellent as a shell bean. 20 cts. pt.; 30 cts. qt.; \$1.75 peck; \$5.50 bush.

Early China. An old standard variety that is very early. 25 cts. pt.; 40 cts. qt.; \$2.00 peck; \$6.00 bush.

Dwarf Horticultural. A bush variety of the well known Horticultural Pole Bean. 30 cts. pt.; 50 cts. qt.; \$2.25 peck; \$6.00 bush.



NATURAL SIZE

EMPEROR WILLIAM



GOLDEN EYED WAX BEAN. (See page 19.)

BEANS, GREEN PODDED SORTS. DWARF OR BUSH.

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

1 quart to 100 feet of drill; 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 15 cts. per qt. extra if to be sent by mail.

EARLY MOHAWK. Very early and will stand more cold than most of the bush varieties. Both this and the succeeding sort are 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. (See *cut.*) 20 cts. pt.; 30 cts. qt.; \$1.50 peck; \$4.75 bush.

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 next described. By a competitive test made in 1887 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. 30 cts. pt.; 50 cts. qt.; \$2.25 peck; \$7.00 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. 25 cts. pt.; 40 cts. qt.; \$2.00 peck; \$6.00 bush.

NE PLUS ULTRA. A very heavy cropper, with flat pods of the Mohawk or Yellow Six Weeks type. It is very early, and we have noticed that in our trials we could pick more from a row of this variety than any other ripening at the same season. 25 cts. pt.; 35 cts. qt.; \$1.75 peck; \$5.50 bush.

BEST OF ALL. A new red speckled variety, succeeding Ne Plus Ultra and other extra early varieties. The pods are flattish-round, dark green, very solid and of good quality. 20 cts. pt.; 35 cts. qt.; \$1.75 peck; \$5.50 bush.

LONG YELLOW SIX WEEKS. Early, very productive and of excellent quality. Pods often eighteen inches long. Seeds, when ripe, yellow or dun color. 20 cts. pt.; 35 cts. qt.; \$1.75 peck; \$5.50 bush.

Early Feejee. Very early and prolific. 15 cts. pt.; 25 cts. qt.; \$1.25 peck; \$4.00 bush.

ROUND EARLY SIX WEEKS. A round podded variety of the Six Weeks type, which is a great favorite in some parts of Massachusetts. 25 cts. pt.; 40 cts. qt.; \$2.00 peck; \$6.50 bush.

White Valentine. A very prolific bearer, and it has additional value in the bean itself being white, enabling it to be used as a shell bean. 25 cts. pt.; 40 cts. qt.; \$2.00 peck; \$6.00 bush.

BEANS, Dwarf or Bush.

WAX POD VARIETIES.

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

IMPROVED GOLDEN WAX. (See *Novelties*, page 11.) 30 cts. pt.; 50 cts. qt.; \$2.25 peck; \$7.50 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. It has been claimed that this variety was earlier than any other, but it is generally admitted that, while certainly early, it is not so early by several days as Henderson's Black-Eyed Wax, which we introduced four years ago. (See *cut.*) Price, 25 cts. per pint; 40 cts. per quart; \$2.00 per peck; \$7.00 per 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, larger than the Golden Wax, and very nearly as large as the Flageolet Wax. (See *cut on page 18.*) 30 cts. pt.; 50 cts. qt.; \$2.25 pk.; \$7.50 bushel.

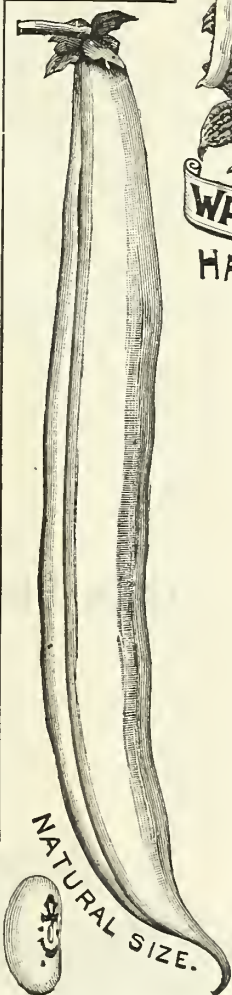
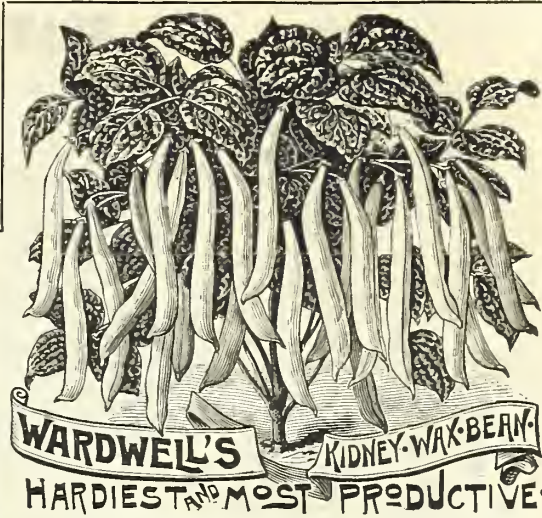
YOSEMITE MAMMOTH WAX. (See *Novelties*, page 7.) 15 cts. pkt.; 75 cts. ½ pt.; \$1.25 pt.; \$2.00 qt.

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. 25 cts. pt.; 40 cts. qt.; \$2.00 peck; \$7.00 bushel.

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. 25 cts. pt.; 40 cts. qt.; \$2.00 peck; \$7.00 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. (See *cut.*) Price, 30 cts. per pt.; 50 cts. per qt.; \$2.25 per peck; \$7.50 per bushel.

White Seeded Wax. A variety with wax-like pods similar to the Black Wax, except in the color of the seed. 25 cts. pt.; 40 cts. qt.; \$2.00 peck; \$7.00 bushel.



BLACK-EYED WAX BEAN.

BLACK-EYED WAX. Although introduced by us only four years ago, this distinct and valuable variety has already made a most favorable impression. It is a cross between the Black Wax and the Golden Wax Beans, and in our trials we found it to be the earliest Wax variety in cultivation. It is a robust grower, very productive, very tender, and of exceptionally fine flavor. The pods closely resemble those of the Black Wax, the seed beans being white, marked around the eye with black spots, such as are shown in the illustration. (See *cut.*) 30 cts. per pt.; 50 cts. per qt.; \$2.25 per peck; \$7.50 per bushel.

IVORY POD WAX. A week later than the Black Wax, bearing long pods of a waxy white color, entirely stringless. Very tender, and an excellent shell bean. Beans ripe are of medium size, white and oval. 25 cts. pt.; 40 cts. qt.; \$2.00 peck; \$7.00 bushel.

Crystal White Wax. Pods of fair size, rich and tender flavor; in color waxy white, and almost as transparent as glass. An excellent variety for canning purposes. 25 cts. pt.; 40 cts. qt.; \$2.00 peck; \$7.00 bushel.

DWARF MONT D'OR. One of the earliest of the Wax varieties. The vines grow vigorously and are profusely laden with yellow pods. 20 cts. pt.; 35 cts. qt.; \$1.75 peck; \$6.00 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. 25 cts. pt.; 40 cts. qt.; \$2.00 peck; \$7.00 bushel.

BEANS, English or Broad.

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

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

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

Early Mazagan. Very early and hardy, and bears freely. 25 cts. per pt.; 40 cts. per qt.

BROAD WINDSOR. Best for general use. 25 cts. pt.; 40 cts. qt.

Sword Long Pod. An excellent variety. 25 cts. pt.; 40 cts. qt.

For the five years I have been foreman of a market garden here and in Dakota I have always purchased my seeds of your firm and they always turned out as you represented them. I would not buy seed of anybody else as long as you are in the seed business.—JOHN IRMER, Puyallup, Wash., Jan. 28th, 1890.

All the seeds you sent last year were a success.

BARONESS VON ZEMMINGEN, Baden, Germany, Feb. 2d, 1890.



CYLINDER BLACK WAX BEAN.

Everything we have ever had of you has been as reliable as the sun.
—Mrs. J. A. STICKNEY, Great Falls, N. H., May 7th, 1890.



EARLY GOLDEN CLUSTER WAX BEAN.

LIMA BEANS.—Continued.

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. In size and appearance it is about the same as the Large White Lima, and is of equally good quality. Price, 40 cts. pt.; 70 cts. qt.; \$4.00 peck; \$14.00 bush.

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. 30 cts. pt.; 50 cts. qt.; \$3.00 peck; \$10.00 bushel.

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 a flattish kidney shape, and have a dull white color. 30 cts. pt.; 50 cts. qt.; \$3.00 peck; \$9.00 bush.

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. 25 cts. pt.; 40 cts. qt.; \$2.75 peck; \$9.00 bushel.

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

OLD HOMESTEAD. (See *Novelties*, page 6.) 15 cts. pkt.; 60 cts. $\frac{1}{2}$ pt.; \$1.00 pt.

GOLDEN CHAMPION. (See *Novelties*, page 6.) 15 cts. pkt.; 60 cts. $\frac{1}{2}$ pt.; \$1.00 pt.

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. (See *cut.*) Price, 15 cts. per pkt.; 50c. per pt.; 75c. per qt.; \$5.00 per peck.

Dutch Case-Knife. Very productive, and one of the earliest; sometimes used as "snaps," but generally shelled. An excellent market sort. 25 cts. pt.; 40 cts. qt.; \$2.25 peck; \$8.00 bushel.

Horticultural or Speckled Cranberry. Popular either in the green state or shelled. 25c. per pt.; 40c. per qt.; \$2.25 per peck; \$8.00 per bushel.

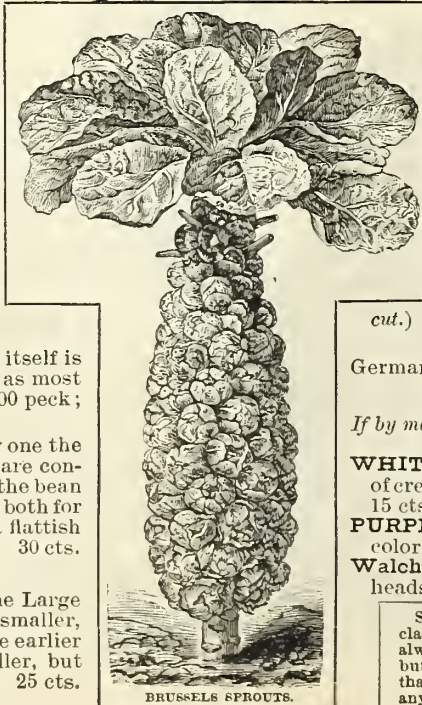
SCARLET RUNNER. A great favorite, both ornamental and useful. Height, ten feet, presenting dazzling scarlet flowers from July to October. Used both as a string bean and shelled. Seeds when ripe lilac, mottled black. 20 cts. pt.; 35 cts. qt.; \$2.00 peck; \$7.00 bush.

White Dutch Runner. Similar to the preceding, excepting seeds and flower, which are white. 20 cts. pt.; 35 cts. qt.; \$2.00 peck; \$7.00 bush.

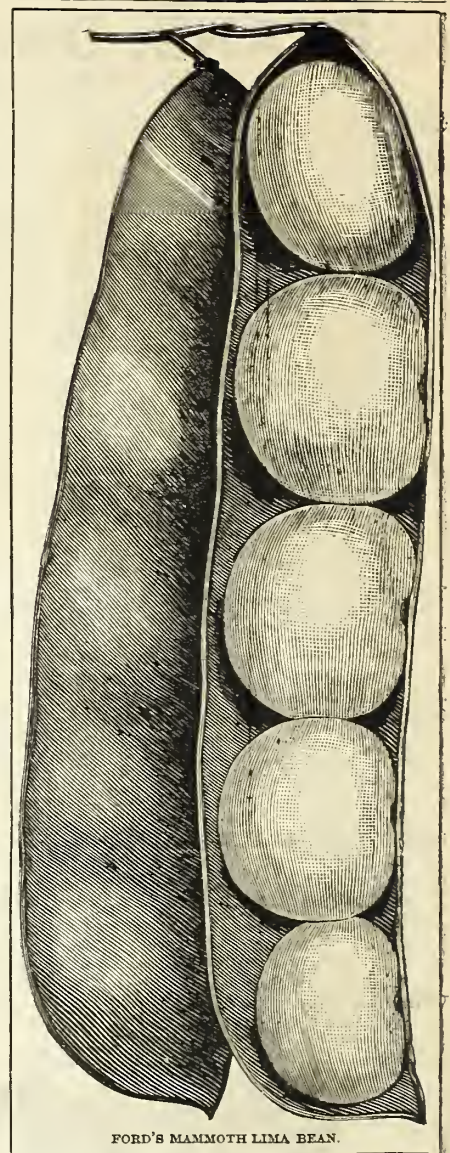
German Wax Pole. One of the best varieties either for snaps or shelled in the green state. 25 cts. pt.; 40 cts. qt.; \$2.25 peck; \$8.00 bushel.

LIMA BEANS.

FORD'S MAMMOTH. This is undoubtedly the best of all the climbing Limas, the individual beans being of enormous size and containing from five to eight beans to a pod. Although the Bush Lima Bean has in many localities displaced the Pole Lima for private use, yet wherever Pole Beans are grown Ford's Mammoth can be recommended above all others. (See *cut.*) Price, 40c. per $\frac{1}{2}$ pt.; 60 cts. per pt.; \$1.00 per qt.; \$5.00 peck; \$16.00 bushel.



BRUSSELS SPROUTS.



FORD'S MAMMOTH LIMA BEAN.

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 8 cts. per lb.

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

DWARF IMPROVED. A variety producing compact sprouts of excellent quality. (See *cut.*) 5 cts. pkt.; 20 cts. oz.; 70 cts. $\frac{1}{4}$ lb.; \$2.50 lb.

BROCCOLI.

German, *Broccoli*, *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 8 cts. per lb.

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

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

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

So far I have always found your seeds are just what you claim them to be. They never fail to germinate and are always true to name. I used to try seeds before sowing, but have stopped because I find I can believe you more than my own trials. Your house must be a great one any way.—G. SCHUELE, Spokane Falls, Wash., Jan. 30, '90.



BASTIAN'S BLOOD TURNIP **ECLIPSE** **EDMAND'S EARLY TURNIP** **EXTRA EARLY EGYPTIAN**

REINE DES NOIRES. (See *Novelties*, page 11.) 15 cts. per packet, 7 packets for \$1.00.

EDMAND'S EARLY. One of the most uniform of all Turnip Beets, with very small tops of bronzy red. The Bulbs are handsome and round, very smooth and of good marketable size. Can scarcely be equalled, fine quality, exceedingly sweet and tender, skin deep blood-red, the flesh dark red. (See *cut.*) 10 cts. pkt.; 15 cts. oz.; 40 cts. $\frac{1}{4}$ lb.; \$1.25 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.*) 5 cts. pkt.; 15 cts. oz.; 30 cts. $\frac{1}{4}$ lb.; 65 cts. lb.

ECLIPSE. One of the best early varieties, maturing as early as the Egyptian, but much larger, of a uniform globular shape, very small top, skin and flesh of a beautiful dark red, fine grained and of delicious flavor, making it most desirable for private use or for marketing. (See *cut.*) 10 cts. pkt.; 15 cts. oz.; 30 cts. $\frac{1}{4}$ lb.; 75 cts. lb.

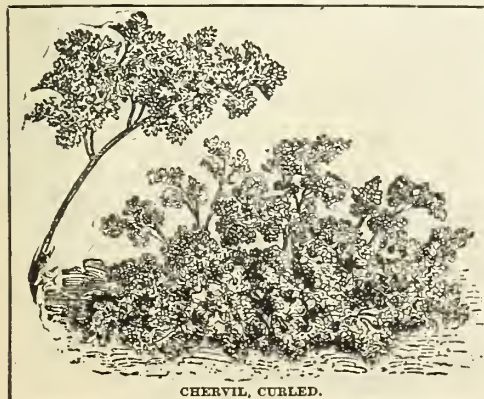
LENTZ. (See *Novelties*, page 11.) 10 cts. pkt.; 15 cts. oz.; 50 cts. $\frac{1}{4}$ lb.; \$1.50 lb.

THE ARLINGTON. (See *Novelties*, page 11.) 10 cts. pkt.; 20 cts. oz.; 50 cts. $\frac{1}{4}$ lb.; \$1.50 lb.

BASTIAN'S BLOOD TURNIP. After the Egyptian, Eclipse and Lentz varieties this is probably the earliest Beet in cultivation. Shape very similar to the Early Blood Turnip. (See *cut.*) 5 cts. pkt.; 10 cts. oz.; 25 cts. $\frac{1}{4}$ lb.; 65 cts. lb.

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. 5 cts. pkt.; 15 cts. oz.; 30 cts. $\frac{1}{4}$ lb.; 65 cts. lb.

Early Yellow Turnip. Similar to the Blood Turnip, but differing in color; flesh yellow. 5 cts. pkt.; 10 cts. oz.; 25 cts. $\frac{1}{4}$ lb.; 65 cts. lb.



CHERVIL, CURLED.

PINEAPPLE. A highly esteemed English variety, of rich, deep crimson color. 5 cts. pkt.; 20 cts. oz.; 60 cts. $\frac{1}{4}$ lb.; \$1.50 lb.

Long Smooth Blood Red. An excellent late variety; a great improvement on the common Long Blood. 5 cts. pkt.; 10 cts. oz.; 25 cts. $\frac{1}{4}$ lb.; 65 cts. 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. 5 cts. pkt.; 15 cts. oz.; 30 cts. $\frac{1}{4}$ lb.; 65 cts. lb.

Early Flat Bassano. Chiefly valuable for its earliness. 5 cts. pkt.; 10 cts. oz.; 25 cts. $\frac{1}{4}$ lb.; 65 cts. lb.

Brazilian Variegated. Beautiful for garnishing and flower garden decoration, the stems and veins being richly colored with crimson, yellow and white. 5c. pkt.; 15c. oz.; 40c. $\frac{1}{4}$ lb.; \$1.25 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 in the same way as Asparagus; the other portions of the leaf are used like spinach, and are of much finer quality than other beet greens. It is grown extensively in France, Germany and other European countries, and considered there indispensable, and should have more extended culture here. (See *cut.*) 5 cts. pkt.; 10 cts. oz.; 30 cts. $\frac{1}{4}$ lb.; 75 cts. lb.

BEET, Sugar, and Mangel Wurzel.

See *Farm Seed Department*, page 50.

CAPER.

A half hardy trailing shrub, the buds of which are gathered just before expanding, and unripe fruit pickled, making the famous "Caper Sauce." 15 cts. pkt.; \$1.00 oz.

CARDOON.

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

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

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

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 8 cts. per lb.

Curled. An aromatic sweet herb. The young leaves are used in soups and salads. Sow thinly in May, in drills half an inch deep, one foot apart. (See *cut.*) 5 cts. pkt.; 25 cts. oz.; 75 cts. $\frac{1}{4}$ lb.; \$2.50 lb.

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

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. These dates are for the latitude of New York. For the South sow earlier; for the North later. When the plants have attained three or four leaves, thin out so that they may stand five or six inches apart. Keep free from weeds by hand weeding or hoeing. In October the roots may be taken up and stored in cellar or in pits outside like potatoes, care being taken that they are not bruised or injured in the process.

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



SWISS CHARD.

The original
Jersey Wakefield

AND

THE
Charleston Wakefield



EXPRESS CABBAGE.

PREMIER. Next to Wakefield we consider this the best first early Cabbage. The heads are of good size, but as it forms very small outside leaves it can be planted very close, fifteen or sixteen inches each way or from 14,000 to 16,000 to the acre. An excellent variety for small gardens. 10 cts. pkt.; 30 cts. oz.; \$1.00 $\frac{1}{4}$ lb.; \$3.00 lb.

EARLY FRENCH OXHEART. A favorite market variety. 5c. pkt.; 20c. oz.; 60c. $\frac{1}{4}$ lb.; \$2.00 lb.

EARLY YORK. A well known favorite variety. 5 cts. pkt.; 20 cts. oz.; 60 cts. $\frac{1}{4}$ lb.; \$2.00 lb.



HENDERSON'S EARLY SUMMER CABBAGE.

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

EARLY VARIETIES.

Henderson's Selected Early Jersey Wakefield.

Original Stock.

The merit 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 our Mr. Peter Henderson in his book, "Gardening for Profit," when it was first published twenty-five years ago. (See cut.) Price, 10c. per pkt.; 35c. per oz.; \$1.00 per $\frac{1}{4}$ lb.; \$3.50 per lb.

EXPRESS. This new and very early Cabbage, while not as large as the Jersey Wakefield, is four or five days earlier, and for a first early variety cannot be excelled. It resembles the Premier in character and appearance, having solid, compact heads of conical form, of a yellowish green color, very desirable. (See cut.) 10 cts. pkt.; 30 cts. oz.; \$1.00 $\frac{1}{4}$ lb.; \$3.00 lb.

"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. As will be seen by the cut, 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. (See cut.) (Stock limited.) Price, 15c. per pkt.; 60c. per oz.; \$2.00 per $\frac{1}{4}$ lb.; \$7.00 per lb.

SECOND EARLY VARIETIES.

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 so improved the variety that to-day we are selling a far better strain of the **Early Summer** than we sent out in the year of its introduction. **Henderson's Early Summer** is about ten days later than the Jersey Wakefield, but being of over double the size, it may be classed as the *best large early Cabbage*. (See cut.) Price, 10 cts. per pkt.; 35 cts. per oz.; \$1.00 per $\frac{1}{4}$ lb.; \$3.50 per lb.

HENDERSON'S SUCCESSION. (See special description and cut, page 10.) 15 cts. pkt.; 60 cts. oz.; \$2.00 $\frac{1}{4}$ lb.; \$7.00 lb.

LARGE EARLY YORK. A favorite variety. 5 cts. pkt.; 20 cts. oz.; 60 cts. $\frac{1}{4}$ lb.; \$2.00 lb.

EARLY WINNINGSTADT. A second early variety, coming in about three weeks later than the early varieties. 10 cts. pkt.; 25 cts. oz.; 75 cts. $\frac{1}{4}$ lb.; \$2.00 lb.

ST. JOHN'S DAY EARLY DRUMHEAD. An early variety, very dwarf, with medium sized hard heads; about as early as the Winningstadt. 10 cts. pkt.; 25 cts. oz.; 75 cts. $\frac{1}{4}$ lb.; \$2.50 lb.

LARGE EARLY SCHWEINFURT. A large early variety; fine for summer and fall use. 5 cts. pkt.; 20 cts. oz.; 60 cts. $\frac{1}{4}$ lb.; \$2.00 lb.

FILDERKRAUT. This somewhat resembles the well known Winningstadt, but is larger in every way and more pointed. 5c. pkt.; 20c. oz.; 60c. $\frac{1}{4}$ lb.; \$2.00 lb.

FOTTLER'S IMPROVED BRUNSWICK. A second early and late variety. 10 cts. pkt.; 25 cts. oz.; 60 cts. $\frac{1}{4}$ lb.; \$2.25 lb.

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 underground, for, if exposed, it will be split by the

CABBAGE—Continued.

LATE VARIETIES.

AUTUMN KING. We believe this to be the finest strain of Late Cabbage that has ever been offered. It produces regular, even heads of enormous size, and can be relied upon to produce a greater weight of crop from the same space of ground than any other late sort, from the fact of its producing so few outer leaves and going all to head. The "Autumn King" Cabbage has now received a most thorough trial and has given the highest satisfaction, we feel safe therefore in stating that *it is the best stock of Late Cabbage in this country.* (See cut.) Price, 20 cts. per pkt.; 75 cts. per oz.; \$2.50 per ¼ lb.; \$8.00 per lb.



AUTUMN KING.

COPYRIGHTED 1888 BY
PETER HENDERSON & CO.
NEW YORK

The seeds I bought of you gave entire satisfaction. I cannot speak too highly of your Autumn King Cabbage, as they all head up even, and will run from 15 to 20 lbs. each.—W. A. Musson, Mogadore, O., Oct. 10th, 1890.

HENDERSON'S SELECTED LATE FLAT DUTCH.

This valuable variety will be found one of the most satisfactory strains of late Cabbage ever grown. (See cut.) 10 cts. pkt.; 30 cts. oz.; \$1.00 ¼ lb.; \$3.00 lb.

My Late Flat Dutch Cabbage this year averaged 18 lbs. per head in car lots.—F. H. WHEELER, Baldwin, Kans., Dec. 30th, 1889.



HENDERSON'S SELECTED LATE FLAT DUTCH.

LATE VARIETIES—Continued.

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

MARBLEHEAD MAMMOTH DRUMHEAD. Probably the largest variety of Cabbage in cultivation, specimens often weighing sixty pounds. In good soil and with proper culture it will average thirty pounds. Heads round, somewhat irregular in shape. Should be planted four feet apart each way. 10 cts. pkt.; 25 cts. oz.; 60 cts. ¼ lb.; \$2.25 lb.

Green Glazed. A late variety that has been grown for many years in the Southern States, and very valuable because of its immunity from insects; heads of good size. 10 cts. pkt.; 25 cts. oz.; 75 cts. ¼ lb.; \$2.50 lb.

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.

MIDSUMMER SAVOY. Very distinct, being but little later than the Dwarf Ulm Savoy, and producing heads of double the size; beautifully netted, and of a delicate light green. 15 cts. per pkt.; 40 cts. per oz.; \$1.50 ¼ lb.; \$5.00 per lb.

Early Dwarf Ulm Savoy. A very early and superior dwarf variety of fine flavor. 10 cts. pkt.; 25 cts. oz.; 75 cts. ¼ lb.; \$2.50 lb.

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

AMERICAN DRUMHEAD SAVOY. The largest heading Savoy; of excellent flavor. (See cut.) 15 cts. pkt.; 35 cts. oz.; \$1.00 ¼ lb.; \$3.00 lb.

RED CABBAGE.

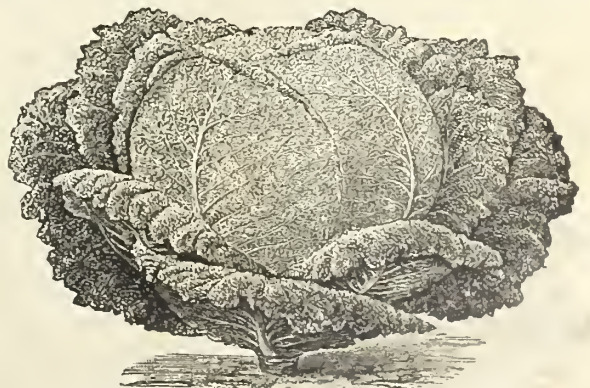
RED DUTCH. Used almost exclusively for pickling. It is one of the hardiest of all Cabbages, and when preserved as directed in "Gardening for Profit," will keep later in the season than any of them. It is slow to mature, however, and requires a richer soil for its perfect development. 10 cts. pkt.; 25 cts. oz.; 60 cts. ¼ lb.; \$2.00 lb.

EARLY BLOOD RED ERFURT. Earlier than the preceding. Valuable for pickling. 10 cts. pkt.; 30 cts. oz.; 75 cts. ¼ 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. 15 cts. pkt.; 75 cts. oz.

CABBAGE PLANTS.—(Large Quantities at Special Rates.)

Of Henderson's Selected Early Jersey Wakefield and Henderson's Early Summer, from cold frames, ready from Jan. 1st to May 1st; \$1.00 per 100; \$9.00 per 1,000. Spring sown and transplanted, half above prices; ready May 1st. **Cabbage, Cauliflower and Celery Plants.**—Our Special Catalogue ready June 15th, and will be mailed on application.



AMERICAN DRUMHEAD SAVOY.



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 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.

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.)

25 cts. pkt.; \$4.00 oz.; \$14.00 $\frac{1}{4}$ lb.

I got the first prize for Henderson's Snowball Cauliflower at the State Fair last year.—ROBT. RICHARDS, Kragner, Minn., March 11th.
I have given Cauliflower a very thorough test this season, planting seven varieties of expensive seed, and must frankly state that your Snowball has headed the best, both early and late, of any variety. Had I planted nothing but your Snowball I should have been \$200 better off on my two acres of Cauliflower.—C. W. WARD, E. Moriches, N. Y.

EXTRA EARLY DWARF ERFURT. A favorite early market variety. 20 cts. pkt.; \$3.50 oz.; \$12.00 $\frac{1}{4}$ lb.

EXTRA EARLY PARIS. This well known variety is equally as meritorious as the Erfurt, except that it requires more space to grow in. 15c. pkt.; \$1.00 oz.; \$3.50 $\frac{1}{4}$ lb.; \$12.00 lb.

HALF EARLY PARIS or NONPAREIL. Useful for a succession crop. The difficulty with Cauliflowers for market is that the whole crop comes in and must be sold in the space of two weeks, unless we have a succession of varieties. 10 cts. pkt.; 75 cts. oz.; \$2.25 $\frac{1}{4}$ lb.; \$8.00 lb.

EARLY LONDON. An excellent and very early variety. 10 cts. pkt.; 60 cts. oz.; \$2.00 $\frac{1}{4}$ lb.; \$7.50 lb.

LENORMAND'S SHORT STEMMED. A large late variety, producing well formed heads of excellent quality. 15 cts. pkt.; 75 cts. oz.; \$2.50 $\frac{1}{4}$ lb.; \$8.00 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. It is largely grown in cold frames in the vicinity of New York, and if covered with straw mats or shutters can be used at any time during the winter.



CORN SALAD.

If by mail in quantities of $\frac{1}{2}$ lb. and upward, postage must be added at the rate of 8 cts. per lb.
5 cts. pkt.; 10 cts. oz.; 25 cts. $\frac{1}{4}$ lb.; 80 cts. lb.

LARGE LATE ALGIERS. This is among late what Snowball is among early Cauliflowers, "absolutely the best." It is now nearly exclusively grown for fall use, never failing to produce large, fine heads. Very popular with market gardeners and canners. 15 cts. pkt.; \$1.00 oz.; \$3.00 $\frac{1}{4}$ lb.; \$10.00 lb.

VEITCH'S AUTUMN GIANT. A late sort that seems to do particularly well in the Southern States. 10 cts. pkt.; 60 cts. oz.; \$2.00 $\frac{1}{4}$ lb.; \$7.50 lb.

WALCHEREN. An old and favorite kind. 15 cts. pkt.; 75 cts. oz.; \$2.50 $\frac{1}{4}$ lb.; \$8.00 lb.

Cauliflower Plants,

Of Henderson's Early Snowball, from cold frames. (Ready now.) \$2.00 per 100; spring sown plants, \$1.00 per 100. Ready May 1st. Large lots at special low rates.

CHICORY.

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

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

COLLARDS, True Georgia.

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

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

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

5 cts. pkt.; 15 cts. oz.; 35 cts. $\frac{1}{4}$ lb.; \$1.10 lb.

We have always found your Cabbage Seed the best. We grow about 25,000, all grown in pots when small. We sow in boxes, transplant in small pots and then shift to 4-inch pots, so we feel it is very necessary to have first-class seed. Last season we commenced cutting heads the last of June, which is very early for Pittsfield, being 1,000 ft. above sea level.—STRONG BROS., Pittsfield, Mass.



BUNCH OF CARROTS. (See descriptions.)

CARROT.

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

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

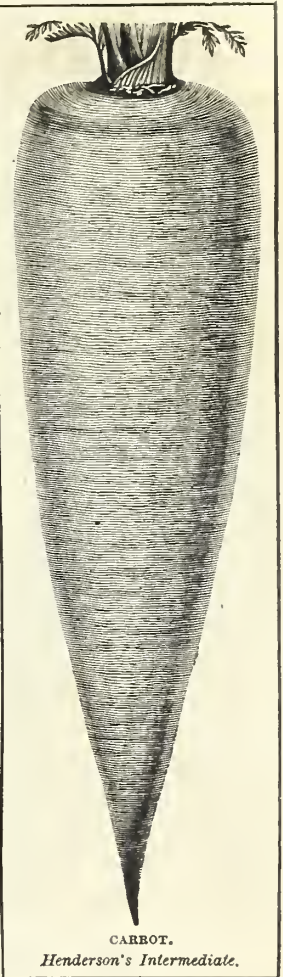
If by mail, in quantities of ½ lb. and upward, postage must be added at the rate of 8 cts. per lb.

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 ¼ lb.; \$1.25 per lb.

CHANTENAY HALF LONG SCARLET. (Cut 2.) A stump-rooted variety, somewhat resembling the well known Nantes Carrot, but having a larger shoulder and being much more productive. 10c. pkt.; 20c. oz.; 40c. ¼ lb.; \$1.25 lb.

OXHEART OR GUERANDE. (Cut 5.) In length it is intermediate between the Danvers and Short Horn Carrot. Excellent for table use. 10 cts. pkt.; 20 cts. oz.; 40 cts. ¼ lb.; \$1.25 lb.

EARLY FRENCH FORCING. (Cut 1.) The earliest variety and one largely grown for forcing purposes. It makes a small, almost globe-shaped root of an orange-red color. 10 cts. pkt.; 20 cts. oz.; 40 cts. ¼ lb.; \$1.25 lb.



CARROT.
Henderson's Intermediate.

EARLY SCARLET HORN. (Cut 6.) Favorite for early crop, but not large. Sold in New York markets bunched up in the green state. It matures 8 to 10 days earlier than the Long Orange, and is sometimes used for forcing. 10 cts. pkt.; 15 cts. oz.; 40 cts. ¼ lb.; \$1.00 lb.

HALF LONG RED. (Stump Rooted.) (Cut 4.) In size and time of maturity it is between the Early Scarlet Horn and the Long Orange. 5 cts. pkt.; 10 cts. oz.; 35 cts. ¼ lb.; 90 cts. lb.

EARLY HALF LONG SCARLET. (Pointed Rooted.) Differing from the preceding variety only in having a pointed instead of a stump or blunted root. 5 cts. pkt.; 10 cts. oz.; 35 cts. ¼ lb.; 90 cts. 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. 5 cts. pkt.; 10 cts. oz.; 35 cts. ¼ lb.; \$1.00 lb.

LONG ORANGE IMPROVED. Equally adapted for garden or farm culture. It is of large size, fair specimens averaging 12 inches in length, with a diameter of 3 inches at the top. Color, orange-red. 5 cts. pkt.; 10 cts. oz.; 30 cts. ¼ lb.; 80 cts. lb.

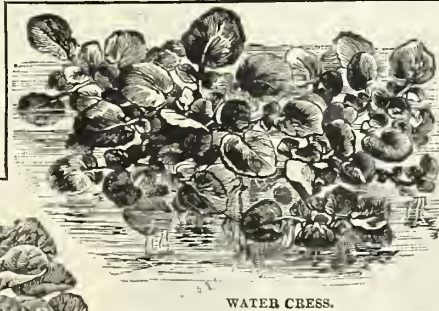
DANVERS. (Cut 3.) The color of this valuable sort is a rich shade of orange. In shape it is midway between the Early Scarlet Horn and the Long Orange. Under the best cultivation it is said to have yielded from 25 to 30 tons per acre. 5 cts. pkt.; 10 cts. oz.; 30 cts. ¼ lb.; 90 cts. lb.

ALTRINGHAM. A large and fine flavored red Carrot, grown for stock-feeding purposes. 5c. pkt.; 10c. oz.; 30c. ¼ lb.; \$1.00 lb.

LARGE WHITE BELGIAN. The lower part of the root is white; that growing above ground and exposed to the air, green. It is exclusively grown for stock. 5 cts. pkt.; 10 cts. oz.; 25 cts. ¼ lb.; 75 cts. lb.

YELLOW BELGIAN. When young, the roots are mild and delicate; when full grown valuable for stock. 5c. pkt.; 10c. oz.; 25c. ¼ lb.; 75c. lb.

It is a pleasure to notify you that the Hoosac Valley Agricultural Society have awarded me first premium on a field of Yellow Danvers Onions, grown from your seed, seven (7) other fields in competition. — A. H. DARLING, North Adams, Mass., Oct. 28th, 1890.



WATER CRESS.

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

UPLAND CRESS. (*Barbarea Vulgaris*.) Grown as Spinach and used exactly as Water Cress. It so much resembles Water Cress in taste that the difference is scarcely discernible, and its use should become more general, as it is of as easy culture as Spinach; indeed, easier, for 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. 10 cts. pkt.; \$1.50 oz. **EXTRA CURLLED.** Very fine; may be cut 2 or 3 times. 5 cts. pkt.; 10 cts. oz.; 20 cts. ¼ lb.; 60 cts. lb.

AUSTRALIAN. Fine, piquant flavor. 5 cts. pkt.; 15 cts. oz.; 35 cts. ¼ lb.; \$1.00 lb. **AMERICAN, OR LAND.** Eaten as Water Cress in winter. 5 cts. pkt.; 15 cts. oz.; 35 cts. ¼ lb.; \$1.00 lb.

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 ½ lb. and upward, postage must be added at the rate of 8 cts. per lb.
CRESS, WATER. 10 cts. pkt.; 50 cts. oz.; \$1.50 ¼ lb.



CRESS UPLAND.

CELERY.

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, and keep clear of weeds until the time of planting in June and July. The tops should be shorn off once or twice before planting, so as to insure "stocky" plants, which suffer less on being transplanted. 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. If the weather is dry at the time of planting great care should be taken that the roots are properly "firmed." By pressing the side of each plant gently with the foot, this compacts the soil, and partially excludes the air from the roots until new rootlets are formed, which will usually be in forty-eight hours, after which all danger is over. After the planting of the Celery is completed, nothing further is to be done for six or seven weeks, except running through between the rows with the cultivator or hoe and freeing the plants from weeds. About the middle of August we begin the "earthing up," necessary for the blanching and whitening of that which is wanted for use during the months of September, October and November. The first operation is that of "handling." After all the soil has been drawn up against the plant with the hoe, it is further drawn close around each plant by the hand, firm enough to keep the leaves in an upright position and prevent them from spreading. This being done, more soil is drawn against the row (either by the plow or hoe, as circumstances require), so as to keep the plant in this upright position. The blanching process must, however, be finished by the spade, which is done by digging the soil from between the two rows, and banking it clear up to the top on each side of the row of Celery. For fuller details on Celery culture please refer to the new edition of Peter Henderson's book, "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.

Varieties marked * were introduced into cultivation by us.

GIANT PASCAL. (See *Novelties*, page 12.) 15 cts. pkt.; 75 cts. oz.; \$2.50 $\frac{1}{4}$ lb.; \$8.00 lb.

***HENDERSON'S HALF DWARF.** Entirely solid, possessing a rich nutty flavor, while it has much vigor of growth, surpassing most of the large growing sorts in weight of bunch. 10 cts. pkt.; 25 cts. oz.; 75 cts. $\frac{1}{4}$ lb.; \$2.50 lb.

***WHITE WALNUT.** Of dwarf habit, seldom attaining a height of more than 20 inches, solid and heavy. 10 cts. pkt.; 35 cts. oz.; 75 cts. $\frac{1}{4}$ lb.; \$2.50 lb.

***GOLDEN DWARF.** In the great Celery growing districts at Kalamazoo, Mich., 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 the winter. 10 cts. pkt.; 35 cts. oz.; 80 cts. $\frac{1}{4}$ lb.; \$3.00 lb.

BOSTON MARKET. A great favorite around Boston, and similar to the Dwarf White, but rather more robust. The leaves are a darker green, the stalks when blanched being nearly white. It is an excellent variety, solid, crisp and tender. 5 cts. pkt.; 35 cts. oz.; 75 cts. $\frac{1}{4}$ lb.; \$2.50 lb.

PERFECTION HEARTWELL. A strong growing variety, not so suitable for market purposes as the Half Dwarf or Golden Dwarf, though it answers for light or poor soils. 5 cts. pkt.; 25 cts. oz.; 75 cts. $\frac{1}{4}$ lb.; \$2.50 lb.



This cut is an exact reproduction of a photograph sent to us last year by Messrs. Ewer, Bucklin & Nash.

◇ HENDERSON'S ◇

*WHITE PLUME CELERY.

The Earliest, Handsomest and Easiest Grown.

To those who have never seen or grown Henderson's White Plume Celery we would state that the peculiarity of the variety is that naturally its stalk and portions of its inner leaves and heart are white, so that by closing the stalks, either by tying them up with matting or by simply drawing the soil up against the plant and pressing it together with the hands, and again drawing up the soil with the hoe or plow so as to keep the soil that has been placed against the Celery in position, the work of blanching is completed; while it is well known that in all other kinds of Celery, in addition to this, the slow and troublesome process of "banking" or "earthing up" with a spade is necessary. Another great merit of the White Plume is that it far exceeds any known vegetable as an ornament for the table, the inner leaves being disposed somewhat like an ostrich feather, so as to suggest the name we have given it of "White Plume." It is fine flavored, early and a good keeper. (See *cut.*) 10 cts. pkt.; 40 cts. oz.; \$1.25 $\frac{1}{4}$ lb.; \$4.50 lb.

The White Plume Celery cannot be excelled for growth, beauty and perfection in texture and taste.—B. M. WALKER, M.D., Danville, Va., Mar. 21st, 1890.

Please be sure to send the White Plume Celery. That of last year was very satisfactory.—FRED. SCHAEFER, McMechan, W. Va., Jan. 29th, 1890.



GOLDEN SELF-BLANCHING CELERY.

GOLDEN SELF-BLANCHING. A most valuable variety which partakes somewhat of the character of the celebrated "White Plume," inasmuch as it does not require such high "banking up" as the ordinary sorts to be fit for the table. 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. Every grower of Celery should plant at least part of his stock with this variety. (See *cut.*) Price, 10 cts. pkt.; 50 cts. oz.; \$1.50 $\frac{1}{4}$ lb.; \$5.00 per lb.

***HENDERSON'S DWARF WHITE.** This variety is perfectly solid, the stalks half round, the leaves and stems being rather light green. When blanched it is a yellowish white, crisp, tender, and of very fine flavor. The great advantage of this as well as other dwarf sorts over the large kinds is that nearly every part of the plant is fit to eat when blanched. 10 cts. pkt.; 35 cts. oz.; 80 cts. $\frac{1}{4}$ lb.; \$2.50 lb.

GIANT WHITE SOLID. The best of the large growing sorts, attaining a height under good cultivation of 3 feet. It should never be planted closer than 4 feet between the rows. This variety is most suitable for southern sections of the country, as it grows freely in a hot or dry atmosphere. 5 cts. pkt.; 25 cts. oz.; 75 cts. $\frac{1}{4}$ lb.; \$2.50 lb.

Sandringham Dwarf White. Excellent variety, remarkable for its fine flavor and solidity. 10 cts. pkt.; 35 cts. oz.; 80 cts. $\frac{1}{4}$ lb.; \$2.50 lb.

CELERY (Continued)—RED VARIETIES.

Our sales of seeds and plants of the Rose and Red Celeries are steadily increasing as people are beginning to know that they are unquestionably better in quality, having a much finer flavor and more solid and crisp. They are equally ornamental on the table, the delicate tracing of carmine blending with the white in the blanched stalks. They are also hardier and keep better through the winter. The following is a list of the best varieties :

- ***HENDERSON'S NEW ROSE CELERY.** Without doubt the finest of its class, possessing all the qualities which go to make up a first-class Celery. 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. (See cut.) 10 cts. pkt.; 40 cts. oz.; \$1.25 ¼ lb.; \$4.00 lb.
- LONDON RED.** Is one of the best, having every requisite good quality. 10 cts. pkt.; 35 cts. oz.; 75 cts. ¼ lb.; \$2.50 lb.
- MAJOR CLARKE'S PINK.** An excellent variety, of medium growth, of stiff, close habit, large heart, remarkably solid and crisp, and of fine walnut flavor. 10 cts. pkt.; 35 cts. oz.; \$1.00 ¼ lb.; \$3.50 lb.
- Hood's Dwarf Red.** An excellent dwarf variety, solid and crisp. 10 cts. pkt.; 35 cts. oz.; \$1.00 ¼ lb.; \$3.50 lb.
- Soup Celery.** (Old Seed.) Excellent for flavoring. 30 cts. lb.

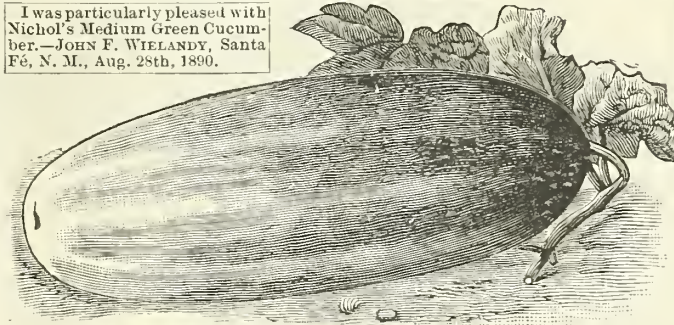
CELERIAC (Turnip-Rooted Celery).

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

If by mail in quantities of ½ lb. and upward, postage must be added at the rate of 8 cts. 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 much larger size. 10c. pkt.; 36c. oz.; \$1.00 ¼ lb.; \$3.00 lb.
- LARGE SMOOTH PRAGUE.** The finest variety yet introduced. 10c. pkt.; 30c. oz.; \$1.00 ¼ lb.; \$3.00 lb.
- Large Erfurt.** Produces turnip-shaped roots, which may be cooked and sliced and used with vinegar, making a most excellent salad. 10 cts. pkt.; 25c. oz.; 75c. ¼ lb.; \$2.50 lb.

I was particularly pleased with Nichol's Medium Green Cucumber.—JOHN F. WIELANDY, Santa Fé, N. M., Aug. 28th, 1890.



IMPROVED EARLY WHITE SPINE CUCUMBER.



HENDERSON'S NEW ROSE CELERY.

I exhibited, with many other articles at the Queens County Agricultural Fair, your Bush Lima Beans, and was awarded discretionary premium; we consider it the best Bean grown.—Mrs. JOHN WILLETS, Hempstead, N. Y., October 28th, 1889.

CELERIAC.

Apple-Shaped. A good variety, with small foliage and large tubers almost round in shape and smooth. 10 cts. pkt.; 25 cts. oz.; 75 cts. ¼ lb.; \$2.50 lb.

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 8 cts. per lb.

IMPROVED EARLY WHITE SPINE. Fruit from 6 to 8 inches in length, and 2 to 3 inches in diameter. Of a handsome deep green; flesh crisp, and of fine flavor. Largely grown for forcing. (See cut.) 10 cts. pkt.; 15 cts. oz.; 30 cts. ¼ lb.; \$1.00 lb.

NICHOL'S MEDIUM GREEN. Exceedingly productive, of medium size, always straight and smooth. The color is dark green, the flesh tender and crisp. 10 cts. pkt.; 25 cts. oz.; 50 cts. ¼ lb.; \$1.50 lb.

EARLY FRAME. Desirable for forcing or forwarding under glass. 5 cts. pkt.; 15 cts. oz.; 25 cts. ¼ lb.; 80 cts. lb.

EARLY CLUSTER. A much esteemed early variety, growing in clusters, and extremely productive. 5 cts. pkt.; 15 cts. oz.; 25 cts. ¼ lb.; 80 cts. lb.

EARLY RUSSIAN. This is the earliest variety, coming into use about ten days before the Early Cluster, which it resembles in some respects, but is smaller and shorter. 5 cts. pkt.; 15 cts. oz.; 30 cts. ¼ lb.; \$1.00 lb.

EXTRA LONG WHITE SPINE. Largely used for forcing. 5 cts. pkt.; 15 cts. oz.; 25 cts. ¼ lb.; 80 cts. lb.

West Indian Gherkin, or Burr. This variety is used exclusively for pickling. 10 cts. pkt.; 25 cts. oz.; 70 cts. ¼ lb.; \$2.00 lb.

English Frame or Forcing Varieties.

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



EXTRA EARLY GREEN PROLIFIC CUCUMBER.

- EXTRA EARLY GREEN PROLIFIC.** Shape and yield same as a good stock of Green Prolific Cucumber, but from ten days to two weeks earlier, and which has proved its earliness in tests made in the past two years. 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.) 10c. pkt.; 25c. oz.; 60c. ¼ lb.; \$2.00 lb.
- GREEN PROLIFIC.** As a pickling variety is unsurpassed. 5 cts. pkt.; 15 cts. oz.; 25 cts. ¼ lb.; 80 cts. lb.
- Boston Pickling.** Largely used about Boston by market gardeners. A very productive kind, of superior quality. 5 cts. pkt.; 15 cts. oz.; 25 cts. ¼ lb.; 80 cts. lb.
- LONG GREEN.** Long fruit, of excellent quality, dark green, firm and crisp. 5 cts. pkt.; 15 cts. oz.; 30 cts. ¼ lb.; \$1.00 lb.
- SHORT GREEN, OR GHERKIN.** Similar to Early Frame; good for pickling. 5 cts. pkt.; 15 cts. oz.; 30 cts. ¼ lb.; \$1.00 lb.
- Tailby's Hybrid.** An excellent variety for family use. 5 cts. pkt.; 10 cts. oz.; 30 cts. ¼ lb.; \$1.00 lb.
- LONG GREEN TURKEY.** A most desirable variety. 5 cts. pkt.; 15 cts. oz.; 50 cts. ¼ lb.; \$1.50 lb.



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CORN, Sugar.

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

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

Early Varieties.

- CORY EARLY.** In our trials we found this 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*. 20 cts. pt.; 35 cts. qt.; \$2.00 pk.; \$6.00 bush.
- Early Adams, or Burlington.** Grown extensively in this section for the New York market. 15 cts. pt.; 25 cts. qt.; \$1.25 pk.; \$4.50 bush.
- EARLY MINNESOTA.** Very early and desirable alike in the market or family garden. Height not over 4½ feet; ears of fair size and good quality. 15 cts. pt.; 25 cts. qt.; \$1.25 pk.; \$4.50 bush.
- Extra Early Tom Thumb.** A very early, medium sized, 8-rowed variety. Kernels of fair size, white and sweet; stalks about three feet high; it is a popular market variety. 15 cts. pt.; 25 cts. qt.; \$1.25 pk.; \$4.50 bush.
- EARLY MARBLEHEAD.** Next to the *Cory* the earliest of all Sweet Corn. In appearance it resembles the better known *Early Narragansett*. The stalk is dwarf and it sets its good sized ears very low down. 15 cts. pt.; 25 cts. qt.; \$1.25 pk.; \$4.50 bush.
- NE PLUS ULTRA.** This is pre-eminently an epicure's variety, being the sweetest and most tender of all Sweet Corn. The ears are short, but the cob is very small, and the kernels of extraordinary depth, pearly whiteness, and are irregularly crowded together on the cob, as shown in the illustration. (See cut.) Price, 35 cts. per pt.; 60 cts. per qt.; \$4.00 per pk.
- SHAKER'S EARLY.** Large pearly white kernels of delicious flavor. It matures immediately after the *Early Minnesota*, but the ears are much larger. 15 cts. pt.; 25 cts. qt.; \$1.25 pk.; \$4.50 bush.
- CROSBY'S EARLY.** Early and a great favorite. Rather small ears, but productive and of excellent quality. 15 cts. pt.; 25 cts. qt.; \$1.25 pk.; \$4.50 bush.
- STABLER'S EARLY.** Ripens a few days after the *Adams' Early*, and will yield an abundant crop, while other early varieties are too small to be profitable either for market or canning. 15 cts. pt.; 25 cts. qt.; \$1.25 pk.; \$4.50 bush.
- RED COB EVERGREEN.** (See *Novelties*, page 11.) 15 cts. per packet; 40 cts. pt.; 70 cts. qt.

Medium Early Varieties.

- OLD COLONY.** An exceedingly sweet and productive variety, averaging three ears on every stalk. 15 cts. pt.; 25 cts. qt.; \$1.25 pk.; \$4.50 bush.
- Black Mexican.** A black kerneled variety; one of the sweetest of all. 15 cts. pt.; 25 cts. qt.; \$1.25 pk.; \$4.50 bush.
- THE "HENDERSON."** It is surprising even to us how this variety continues to grow in popular favor. 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* and the experience of those who have grown it is that it is one of the most valuable sorts for canning purposes or for market in cultivation. 20 cts. pt.; 30 cts. qt.; \$1.50 pk.; \$5.00 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*. 15 cts. pt.; 25 cts. qt.; \$1.25 pk.; \$4.50 bush.
- Moore's Early Concord.** Ears large and well filled; early and unsurpassed for richness and delicacy of flavor. 15 cts. pt.; 25 cts. qt.; \$1.25 pk.; \$4.50 bush.
- LARGE EARLY EIGHT-ROWED.** One of the best; ears long; cob white. 15 cts. pt.; 25 cts. qt.; \$1.25 pk.; \$4.50 bush.
- PERRY'S HYBRID.** An early twelve-rowed variety growing only four to five feet high, with ears as long as the *Crosby*, and set very low on the stalk. Kernels white, large, sweet and very tender. 15 cts. pt.; 25 cts. qt.; \$1.25 pk.; \$4.00 bush.
- SQUANTUM.** One of the sweetest and best varieties we know of. It is also wonderfully productive, producing four or five ears on a stalk. 15 cts. pt.; 25 cts. qt.; \$1.25 pk.; \$4.50 bush.
- HICKOX IMPROVED.** Of medium earliness; is valuable alike in the market or family garden, or for canning, for which latter use large areas of it are now grown. The ears are twelve-rowed. Quality of the very best. 15 cts. pt.; 25 cts. qt.; \$1.25 pk.; \$4.50 per bush.

I wish to say that *Old Colony Corn* and *Henderson's First of All Peas* are all that you represent them, first-class in every way.—Mrs. J. D. DUYDALE, Mount Pleasant, Iowa, February 14th, 1890.

The sixty bushels of "*Henderson*" Sugar Corn we had of you this season was very fine.—NEW HARTFORD CANNING CO., New Hartford, N. Y., Sept. 18th, 1890.

CORN, SUGAR (Continued)—LATE VARIETIES.

- 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. 15 cts. pt.; 25 cts. qt.; \$1.25 peck; \$4.00 bushel.
- MAMMOTH.** A late variety, producing ears of very large size and fine flavor. It is unusually productive. 15 cts. pt.; 25 cts. qt.; \$1.25 peck; \$4.00 bushel.
- STOWELL'S EVERGREEN.** Now recognized everywhere as a standard late variety, and having the peculiarity of remaining longer in a green state than any other sort. 15c. pt.; 25c. qt.; \$1.25 peck; \$4.00 bushel.
- TRIUMPH.** Said to be the earliest of the large varieties. Flavor rich and sweet; largely grown as a market sort. 15 cts. pt.; 25 cts. qt.; \$1.25 peck; \$4.00 bushel.

CORN, FIELD.

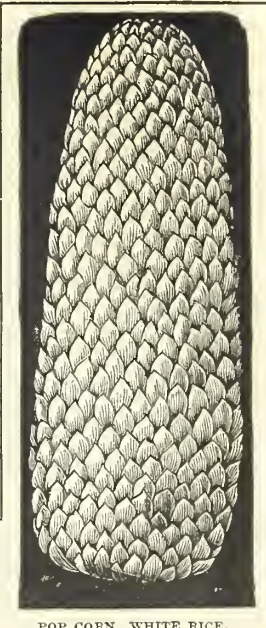
See list of varieties in Department of Farm Seeds, pages 49 and 50.

SWEET FODDER CORN.

For soiling. Sow three bushels to the acre broadcast, half that quantity in drills. \$1.50 bushel.

POP CORN.

- White Pearl.** Smooth grained ears, 4 to 5 inches long, by $\frac{7}{8}$ to $1\frac{1}{8}$ inches diameter; good for either family or market use. Price, \$8.00 per 100 lbs.; 10 cts. per single lb.; or by mail, 20 cts. 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., 20 cts.; or by mail, 30 cts.
- WHITE RICE.** (Rat Tooth.) A very early fine white variety, ears 4 to 5 inches in length and 1 to $1\frac{1}{2}$ in diameter. Kernel pointed. (See cut.) Price, per 100 lbs., \$8.00; per lb., 10 cts.; by mail, 20 cts.



POP CORN, WHITE RICE.

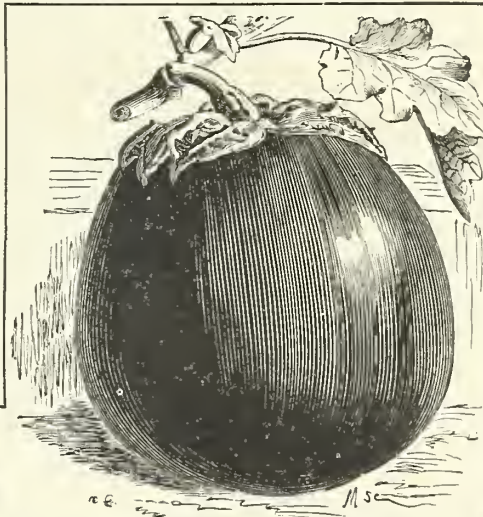
EGG PLANT.

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 8 cents per lb.

- 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. 10 cts. pkt.; 40 cts. oz.; \$1.25 $\frac{1}{4}$ lb.
- NEW YORK IMPROVED.** This is the leading market variety everywhere. Plant is robust, the leaves and stems being thickly set with spines, which are not found to any extent on the other varieties. (See cut.) 10 cts. pkt.; 50 cts. oz.; \$1.50 $\frac{1}{4}$ lb.
- BLACK PEKIN.** The fruit of this handsome variety is jet black, round in form and very solid; quite early, and a very superior variety. 10c. pkt.; 50c. oz.; \$1.50 $\frac{1}{4}$ lb.



EGG PLANT, NEW YORK IMPROVED.

GARLIC.

See Onion Sets, page 34.

DANDELION.

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

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

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

Dandelion, Common. 10 cts. pkt.; 30 cts. oz.

— **LARGE LEAVED.** Its name partly describes this variety. It is double the size of the common Dandelion. 15 cts. pkt.; 50 cts. 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, from which plantations are formed at one foot apart each way in August and September. It requires no special soil or manure, and after planting is kept clear of weeds until the plant has attained its full size, when the process of blanching begins. This is effected by gathering up the leaves and tying them by their tips in a conical form. This excludes the light and air from the inner leaves, which in the course of from three to six weeks, according to the temperature at the time, become blanched.

If by mail in quantities of $\frac{1}{2}$ lb. and upward, postage must be added at the rate of 8 cts. 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. (See cut.) 10c. pkt.; 25c. oz.; 50c. $\frac{1}{4}$ lb.; \$1.75 lb.
- FRENCH MOSS CURLED.** From the density of its foliage this variety is heavier than the Green Curled, but is equally agreeable as a salad, and its appearance, either green or blanched, is particularly handsome. 10 cts. pkt.; 25 cts. oz.; 60 cts. $\frac{1}{4}$ lb.; \$2.00 lb.
- White Curled.** Leaves pale green; should be used when young. 10c. pkt.; 25c. oz.; 50c. $\frac{1}{4}$ lb.; \$1.75 lb.
- BROAD LEAVED BATAVIAN.** (*Escarolle*.) Chiefly used in soups and stews; requires to be tied up for blanching. 10 cts. pkt.; 25 cts. oz.; 60 cts. $\frac{1}{4}$ lb.; \$2.00 lb.

KOHL RABI.

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

A vegetable intermediate between the Cabbage and the Turnip. Cultivation same as Turnip. See page 46.

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

- EARLY SHORT LEAVED WHITE VIENNA.** An excellent variety for forcing, of fine quality. 10 cts. pkt.; 30 cts. oz.; \$1.00 $\frac{1}{4}$ lb.; \$3.00 lb.
- EARLY PURPLE VIENNA.** Almost identical with the preceding, except in color, which is a bluish purple. 10 cts. pkt.; 35 cts. oz.; 75 cts. $\frac{1}{4}$ lb.; \$2.50 lb.
- EARLY WHITE VIENNA.** Is greenish white outside, flesh white and tender. The best condition for use is when the root is three to four inches in diameter. If younger it partakes of the taste of the Cabbage, and when older is stringy. (See cut.) 5 cts. pkt.; 25 cts. oz.; 75 cts. $\frac{1}{4}$ lb.; \$2.50 lb.



ENDIVE, GREEN CURLED.



KOHL RABI, EARLY WHITE VIENNA.



DWARF GREEN CURLED SCOTCH KALE.

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

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

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

LARGE AMERICAN FLAG. A favorite market variety. 10 cts. pkt.; 25 cts. oz.; 75 cts. $\frac{1}{4}$ lb.; \$2.50 lb.

Musselburgh. (Scotch Champion.) Grows to a large size. 10 cts. pkt.; 25 cts. oz.; 60 cts. $\frac{1}{4}$ lb.; \$2.00 lb.

Large Rouen. A large, and excellent variety. 10 cts. pkt.; 25 cts. oz.; 60 cts. $\frac{1}{4}$ lb.; \$2.00 lb.

☞ KALE, or BORECOLE. ☛German, *Blätter-Kohl*.—French, *Chou Vert*.—Spanish, *Breton*.

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

If by mail in quantities of $\frac{1}{2}$ lb. and upward, postage must be added at the rate of 8 cts. 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. This variety is very hardy, and will remain over winter in any place where the temperature does not fall below zero. It is most tender after being bitten by a sharp frost. (See cut.) 10 cts. pkt.; 15 cts. oz.; 35 cts. $\frac{1}{4}$ lb.; \$1.00 lb.

COTTAGER'S. Very dwarf, not exceeding 12 inches in height. Leaves rich green, deeply curled and feathered almost to the ground. Very hardy and a most profitable sort, more weight being grown on the same space than with any other variety. 10 cts. pkt.; 20 cts. oz.; 50 cts. $\frac{1}{4}$ lb.; \$1.50 lb.

HALF DWARF FRINGED. This sort is of great value, as it is very curly and tender, and from its upright habit can be grown close together. It is said to be earlier than the Dwarf Green Curled Scotch, which will be a decided advantage. Price, 10 cts. pkt.; 20 cts. oz.; 50 cts. $\frac{1}{4}$ lb.; \$1.50 lb.

SIBERIAN KALE, GERMAN GREENS or "SPROUTS." This variety is extensively grown as Winter Greens; sown in the month of September in rows one foot apart, and treated in every way as Spinach, it is ready for use in early spring. 5 cts. pkt.; 10 cts. oz.; 25 cts. $\frac{1}{4}$ lb.; 80 cts. lb.

NEW DWARF VERY EARLY. A new sort; of special excellence, being a very dwarf fine curled variety of a yellowish green color, growing close to the ground. 10 cts. pkt.; 20 cts. oz.; 50 cts. $\frac{1}{4}$ lb.; \$1.50 lb.

BROWN GERMAN CURLED, or PURPLE. Similar to the above in all respects except the color, which is of a dull purple. This 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. 5 cts. pkt.; 15 cts. oz.; 35 cts. $\frac{1}{4}$ lb.; \$1.25 lb.

☞ LETTUCE. ☛German, *Lattich*.—French, *Laitue*.—Spanish, *Lechuga*.

1 oz. for 3,000 plants.

The cultivation of Lettuce is universal by all who have gardens, and from its tractable nature and freedom from nearly all insects and diseases, it is manageable in the hands of every one. For main early crop seed may be sown in the open ground in the middle of September and transplanted to cold frames as soon as large enough to handle, being wintered over 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 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 8 cts. per lb.

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

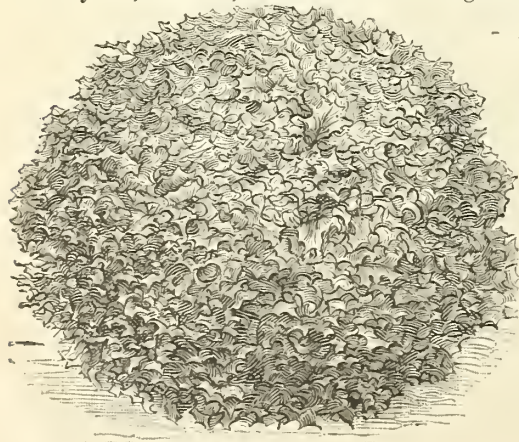
BLACK SEEDED SIMPSON. Differs from Curled Simpson in being much lighter in color, the leaves being nearly white and attaining nearly double the size of the Curled Simpson. It stands the summer heat splendidly, while it is equally suited for forcing. It may not, however, on account of its large size, prove under some circumstances as profitable as a strictly forcing kind. (See cut.)

10 cts. pkt.; 20 cts. oz.; 50 cts. $\frac{1}{4}$ lb.; \$1.50 lb.

BOSTON CURLED. A variety of superior quality, very symmetrical and ornamental in growth. (See cut.) 5 cts. pkt.; 20 cts. oz.; 50 cts. $\frac{1}{4}$ lb.; \$1.50 lb.

GREEN FRINGED OR CALIFORNIA CURLED. A very delicate and peculiar shade of green, the inner parts of the leaves white, with edges beautifully cut and fringed. 5c. pkt.; 20c. oz.; 50c. $\frac{1}{4}$ lb.; \$1.50 lb.

Oak-Leaved. A distinct variety due to the peculiar outline of the leaves, which are shaped like those of the Oak. The heads are compact, crisp and tender and it is largely free from that bitter taste peculiar to so many kinds of Lettuce. 5 cts. pkt.; 20 cts. oz.; 50 cts. $\frac{1}{4}$ lb.; \$1.50 lb.



BOSTON CURLED LETTUCE.



BLACK-SEEDED SIMPSON LETTUCE.



HEAD VARIETIES.

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 in shade from any other lettuce. The inside color is yellowish white. It is not a forcing variety. (See cut.) 15 cts. pkt.; 25 cts. oz.; 75 cts. ¼ lb.; \$2.00 lb.

BROWN DUTCH. Very hardy. One of the best for winter use. 5 cts. pkt.; 20 cts. oz.; 60 cts. ¼ lb.; \$2.00 lb.

Hardy Green Winter. One of the best winter varieties, very hardy, and forms a solid head. 5 cts. pkt.; 20 cts. oz.; 50 cts. ¼ lb.; \$1.50 lb.

Large White Summer Cabbage. One of the very best head Lettuces for summer that we know of. The heads are of good size, close and well formed. It is a splendid market variety. 5 cts. pkt.; 20 cts. oz.; 50 cts. ¼ lb.; \$1.50 lb.

ALL THE YEAR ROUND. A hardy, crisp eating and compact growing variety, with small, close heads of a dark green color; an excellent summer Lettuce, and valuable for forcing. 5 cts. pkt.; 20 cts. oz.; 50 cts. ¼ lb.; \$1.50 lb.

HEAD FORCING VARIETIES.

GOLDEN QUEEN. (See *Novelties*, page 12.) 20c. per pkt.; 50 cts. per oz.; \$1.50 per ¼ lb.

BOSTON MARKET. This is an improved variety of the Tennis Ball, and attains a larger size. It grows very compact, is white and crisp, and is one of the very best varieties for forcing. 10 cts. pkt.; 20 cts. oz.; 50 cts. ¼ lb.; \$1.50 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 green-houses. 5 cts. pkt.; 20 cts. oz.; 50 cts. ¼ lb.; \$1.50 lb.

WHEELER'S TOM THUMB. A small, but very sweet forcing variety. 10 cts. pkt.; 20 cts. oz.; 50 cts. ¼ lb.; \$1.50 lb.

COS OR ROMAINE 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. Millions of this variety are annually grown to supply the markets of London alone. 10 cts. pkt.; 20 cts. oz.; 60 cts. ¼ lb.; \$2.00 lb.

CELERY LETTUCE "TRIANON." (See *Novelties*, page 12.) 15 cts. pkt.; 80 cts. oz.; \$2.50 ¼ lb.

Lettuce that we are familiar with, being a clear, deep apple green, while on the inside the color is yellowish white. It is not a forcing variety, but it is certainly one of the best varieties for summer use ever introduced. (See cut.) 15 cts. pkt.; 25 cts. oz.; 75 cts. ¼ lb.; \$2.00 lb.

BIG BOSTON. (See *Novelties*, page 13.) 15 cts. pkt.; 40 cts. oz.; \$1.25 ¼ lb.; \$4.00 lb.

DENVER MARKET. (See *Novelties*, page 12.) 15 cts. per pkt.; 8 pkts. for \$1.00.

SUNSET. It forms large, solid heads, of a rich golden yellow, a shade of color hitherto unknown in this class. It stands very long before going to seed, and is also an excellent keeper after being cut, a quality which will make it a desirable sort for shipping purposes as well as for private use; of splendid quality. 15 cts. pkt.; 50 cts. oz.; \$1.50 ¼ lb.; \$5.00 lb.

DEFIANCE SUMMER. A large growing Cabbage Lettuce, unexcelled as a long standing sort. The leaves are of light green color, and it remains for a long season tender and crisp. 10 cts. pkt.; 20 cts. oz.; 60 cts. ¼ lb.; \$2.00 lb.

DRUMHEAD OR MALTA. Heads very large, crisp, tender and of good flavor; one of the best summer varieties. 5 cts. pkt.; 20 cts. oz.; 50 cts. ¼ lb.; \$1.50 lb.

Early Prize Head. Forms a mammoth plant, in which even the outer leaves are crisp and tender, and remain so throughout the season. 5c. pkt.; 20c. oz.; 50c. ¼ lb.; \$1.50 lb.

BLACK SEEDED BUTTER. Similar to Tennis Ball, but larger. Used extensively as an out-door variety. 10 cts. pkt.; 20 cts. oz.; 50 cts. ¼ lb.; \$1.50 lb.

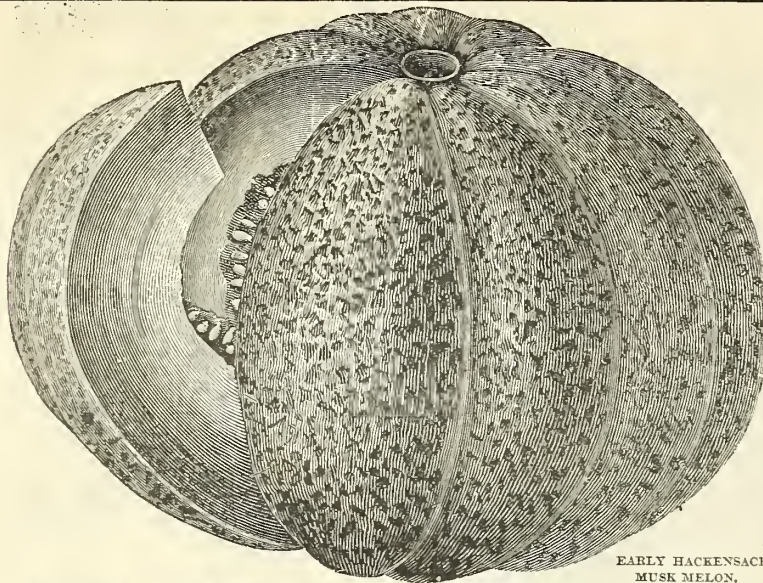
LARGE INDIA. Withstands summer heat better than most kinds; forms an immense solid head. 5 cts. pkt.; 20 cts. oz.; 50 cts. ¼ lb.; \$1.50 lb.

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. 10 cts. pkt.; 20 cts. oz.; 50 cts. ¼ lb.; \$1.50 lb.

HANSON. Heads green, with white heart. Large size, crisp and tender. 10 cts. pkt.; 20 cts. oz.; 50 cts. ¼ lb.; \$1.50 lb.

SALAMANDER. A grand Lettuce for summer use, forming good-sized, compact heads. Color, light green outside and white on the inside. Its great merit, however, is that it will withstand drought and heat, and remain longer in head than any other variety we have ever met with. 10 cts. pkt.; 20 cts. oz.; 50 cts. ¼ lb.; \$1.50 lb.

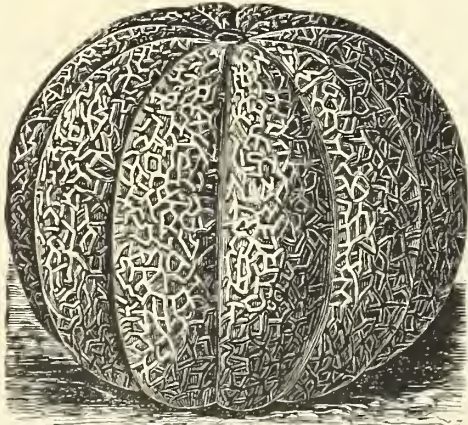
DEACON. Next to Salamander, this variety withstands summer heat best. It forms a solid head. Tender and crisp. A good variety for general use. 5c. pkt.; 20c. oz.; 60c. ¼ lb.; \$2.00 lb.

EARLY HACKENSACK
MUSK MELON.

BALTIMORE MUSK MELON.



HELMONICO MUSK MELON.



MONTREAL MARKET MUSK MELON.

MELONS.—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 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 numerously thin out when young, which will increase the size of those remaining and cause them to ripen quicker. Melons may also be forced under glass, like Cucumbers, but it is not often done in this country, for the reason that they can be grown and shipped so easily from the Southern States.

If by mail in quantities of 1/2 lb. and upward, postage must be added at the rate of 8c. per lb.
THE BANQUET. (See *Novelties*, page 13.) 25 cts. pkt.; 5 pkts. for \$1.00.
THE NEWPORT. (See *Novelties*, page 13.) 15 cts. pkt.; 8 pkts. for \$1.00.
EMERALD GEM. A distinct and deliciously flavored melon; very early and prolific. Skin ribbed, yet smooth, and of a deep emerald green. The flesh, which is thick, is of a suffused salmon color, exceedingly sweet and delicious, and very thick meated. Price, 10 cts. pkt.; 20 cts. oz.; 50 cts. 1/4 lb.; \$1.50 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 have proven it to be the best as well as the earliest of all the netted melons. The melons weigh from four to ten pounds each, and are of delicious flavor. (See *cut.*) 10 cts. pkt.; 25 cts. oz.; 50 cts. 1/4 lb.; \$1.50 lb.

DELMONICO. An oval melon of large size and deeply netted. The flesh is an orange pink color of the same fine quality as the "Emerald Gem." (See *cut.*) 10 cts. pkt.; 20 cts. oz.; 60 cts. 1/4 lb.; \$2.00 lb.

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. (See *cut.*) 5 cts. pkt.; 15 cts. oz.; 30 cts. 1/4 lb.; \$1.00 lb.

California Nectar. One of the most delicious flavored melons, of fair productiveness, medium early, and of good size, often twelve pounds and over. The flesh is very thick, sweet and juicy. 10 cts. pkt.; 20 cts. oz.; 50 cts. 1/4 lb.; \$1.50 lb.

Netted Gem. One of the earliest, best and most prolific small melons. Globe-shaped, uniform in size, weighing from 1 1/4 to 1 1/2 lbs. each. Flesh light green and of very fine flavor. 10 cts. pkt.; 20 cts. oz.; 35 cts. 1/4 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. 10 cts. pkt.; 20 cts. oz.; 35 cts. 1/4 lb.; \$1.00 lb.

Jenny Lind. An early variety of small size but excellent flavor. 10 cts. pkt.; 20 cts. oz.; 35 cts. 1/4 lb.; \$1.00 lb.

Nutmeg. Fruit nutmeg shape; skin deep green, finely netted; flesh greenish yellow, rich and sugary. 5 cts. pkt.; 20 cts. oz.; 35 cts. 1/4 lb.; \$1.00 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 of New York, Philadelphia and Baltimore. It is a green fleshed variety of oblong form. (See *cut.*) 5 cts. pkt.; 15 cts. oz.; 30 cts. 1/4 lb.; \$1.00 lb.

BANANA. A long, slender variety with salmon flesh. 10 cts. pkt.; 25 cts. oz.; 50 cts. 1/4 lb.; \$1.50 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. 5 cts. pkt.; 15 cts. oz.; 30 cts. 1/4 lb.; 80 cts. lb.

GREEN CITRON. This excellent sort is of medium size, deeply netted, of globular shape, and six to eight inches in diameter. Flesh green and of fine flavor. 10 cts. pkt.; 20 cts. oz.; 35 cts. 1/4 lb.; \$1.00 lb.

SKILLMAN'S NETTED. Form roundish oval; flesh deep green, sweet and richly perfumed; an early and delicious variety. 5 cts. pkt.; 20 cts. oz.; 40 cts. 1/4 lb.; \$1.25 lb.

Large Yellow Cantaloupe. Flesh reddish orange, sweet, and of good flavor; early and productive. 10 cts. pkt.; 20 cts. oz.; 35 cts. 1/4 lb.; \$1.00 lb.

Surprise. This sort has a thin, cream colored skin and thick salmon colored flesh; is an early variety of delicious flavor. 10 cts. pkt.; 20 cts. oz.; 35 cts. 1/4 lb.; \$1.00 lb.

Ward's Nectar. A green fleshed variety of fine quality, being exceedingly sweet and delicious. 5 cts. pkt.; 15 cts. oz.; 30 cts. 1/4 lb.; \$1.00 lb.

MILLER'S CREAM. Most delicious. The flesh is a rich salmon color, very thick, sweet and rich; rind very thin and finely netted. Vigorous grower, very productive. 10 cts. pkt.; 25 cts. oz.; 50 cts. 1/4 lb.; \$1.50 lb.

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.

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

THE "WILD." This is a long melon, of superior quality. It grows to an immense size, sometimes attaining the weight of 75 or 80 lbs. "Wild" was the name it received from the Seminole Indians. It is of fine flavor, crisp and ripens evenly within $\frac{1}{4}$ inch of the outer rind. Price, 10 cts. pkt.; 40 cts. oz.; \$1.25 $\frac{1}{4}$ lb.

Mountain Sprout. Fruit of the largest size, longish oval; skin dark green, marbled with lighter shades; red fleshed; of excellent quality. 5 cts. pkt.; 10 cts. oz.; 25 cts. $\frac{1}{4}$ lb.; 75 cts. lb.

THE VOLGA. A Russian variety, of perfect globe shape, small size and weighing 10 to 15 lbs. The flesh is bright crimson, and in crispness and delicacy of flavor is unsurpassed. (See cut.) 10 cts. pkt.; 15 cts. oz.; 50 cts. $\frac{1}{4}$ lb.; \$1.50 lb.

CUBAN QUEEN. This is a large variety, often weighing eighty pounds and upwards. The rind is marked with regular stripes of light and dark green. It is a very showy variety of fair quality. 5 cts. pkt.; 10 cts. oz.; 25 cts. $\frac{1}{4}$ lb.; 75 cts. lb.

MAMMOTH IRONCLAD. Excellent, of large size and weight, averaging nearly 50 lbs. each. The flesh is deep red and of a delicious rich flavor. Unsurpassed for shipping. 5 cts. pkt.; 10 cts. oz.; 25 cts. $\frac{1}{4}$ lb.; 75 cts. lb.

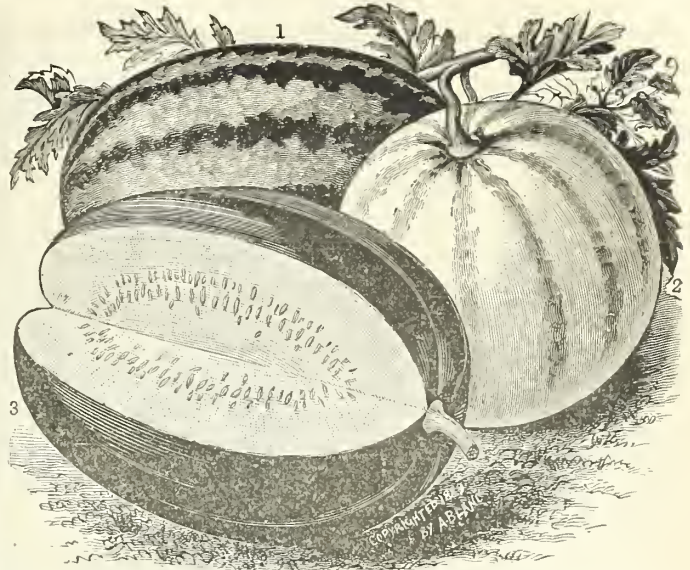
JORDAN'S GRAY MONARCH. This distinct melon is the largest of all. The skin is a mottled gray, shape long, flesh bright crimson and of sweet, delicious flavor. It is also a fine shipper. 10 cts. pkt.; 20 cts. oz.; 40 cts. $\frac{1}{4}$ lb.; \$1.25 lb.

NEW SEMINOLE. It is extra early, enormously productive, very large and of splendid flavor. The seed will often produce gray and green melons on one vine, but the number of the former predominates. One of the finest melons yet introduced. 10 cts. pkt.; 20 cts. oz.; 40 cts. $\frac{1}{4}$ lb.; \$1.25 lb.

CALIFORNIA, or IMPROVED ODELLA. One of the best sorts for shipping purposes. 5c. pkt.; 10c. oz.; 25c. $\frac{1}{4}$ lb.; 75c. lb.

HENDERSON'S GREEN AND GOLD. Of good size, from 25 to 45 lbs. in weight. 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.) Price, 10 cts. pkt.; 20 cts. oz.; 40 cts. $\frac{1}{4}$ lb.; \$1.25 lb.

FLORIDA FAVORITE. Oblong in shape, growing to very large size; rind dark with light green stripes; flesh light crimson, crisp and deliciously sweet; seeds small and of a creamy white color. Earlier than the Kolb Gem, Ironclad or Rattlesnake. (See cut.) 10 cts. pkt.; 20 cts. oz.; 40 cts. $\frac{1}{4}$ lb.; \$1.25 lb.



No. 1.—KOLB'S GEM; No. 2.—VOLGA; No. 3.—GREEN AND GOLD.

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

THE "BOSS." Oblong in shape. Skin dark green; flesh deep scarlet, and of rich flavor. Early, heavy, productive, and a good shipper. 5 cts. pkt.; 10 cts. oz.; 25 cts. $\frac{1}{4}$ lb.; 75 cts. lb.

PHINNEY'S EARLY. Flesh deep red, of very superior quality; early and productive; a valuable market variety. 10 cts. pkt.; 15 cts. oz.; 30 cts. $\frac{1}{4}$ lb.; 75 cts. lb.

MOUNTAIN SWEET. Fruit oblong, dark green, rind thin, flesh red, solid and very sweet. 5c. pkt.; 10c. oz.; 25c. $\frac{1}{4}$ lb.; 75c. lb.

DARK ICING, or ICE RIND. It is a very solid sort with a thin rind, and possesses a most delicious flavor. 5 cts. pkt.; 10 cts. oz.; 25 cts. $\frac{1}{4}$ lb.; 75 cts. lb.

LIGHT ICING. Similar to the preceding, but lighter colored rind. 5 cts. pkt.; 10 cts. oz.; 25 cts. $\frac{1}{4}$ lb.; 75 cts. lb.

Pride of Georgia. It is dark green in color, almost oval in shape. It is an excellent shipping variety, of large size. Flesh crisp and sweet. 5 cts. pkt.; 10 cts. oz.; 25 cts. $\frac{1}{4}$ lb.; 75 cts. lb.

TRUE GEORGIA RATTLE-SNAKE, or GYPSY. Fruit large, oblong, striped; flesh red. An excellent variety for market. 5 cts. pkt.; 10 cts. oz.; 25 cts. $\frac{1}{4}$ lb.; 75 cts. lb.

ICE CREAM (White Seeded). Medium size, nearly round; skin pale green; rind very thin; flesh scarlet, solid, crisp and delicious. 5 cts. pkt.; 10 cts. oz.; 25 cts. $\frac{1}{4}$ lb.; 75 cts. 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. 10 cts. pkt.; 20 cts. oz.; 40 cts. $\frac{1}{4}$ lb.; \$1.25 lb.

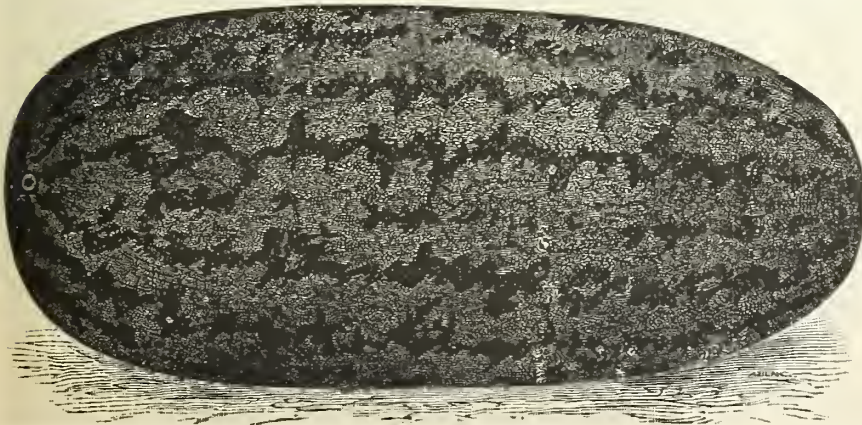
Orange. So called from its peculiarity of the rind separating from the flesh when fully ripe; flesh red, tender and sweet, of medium quality. 10 cts. pkt.; 15 cts. oz.; 50 cts. $\frac{1}{4}$ lb.; \$1.50 lb.

Colorado Preserving. The preserving qualities of this distinct variety are of the very best; weight, fifteen to forty pounds each. 10 cts. pkt.; 15 cts. oz.; 40 cts. $\frac{1}{4}$ lb.; \$1.25 lb.

Citron. Fruit round, handsome and small; used in making preserves only. 10 cts. pkt.; 15 cts. oz.; 40 cts. $\frac{1}{4}$ lb.; \$1.25 lb.

BLACK SPANISH. Fruit medium size, almost round; skin dark green; flesh red, sweet and delicious. 5 cts. pkt.; 10 cts. oz.; 25 cts. $\frac{1}{4}$ lb.; 75 cts. lb.

SCALY BARK. The rind is very thin, and yet so tough and strong that it will bear any amount of handling before bursting or cracking open, giving it special value for shipping purposes. Flesh light crimson and of excellent quality. 5 cts. pkt.; 10 cts. oz.; 25 cts. $\frac{1}{4}$ lb.; 75 cts. lb.



WATERMELON, FLORIDA FAVORITE.

From G. H. Cogswell, Austin, Minn., February 5th, 1890. The Watermelon seeds that you sent me last spring were just splendid. The Green and Gold was the best I ever saw, and every one that tasted them said they were the best they had ever eaten.

THE BEST CABBAGES TO PLANT.

If you wish to make a success of Cabbage growing, plant the undernamed varieties, in the following order:
 For first early: **Henderson's Early Jersey Wakefield.** (See page 22.)
 For second early: **Henderson's Early Summer.** (See page 22.)
 For midsummer or early fall use: **Henderson's Succession.** (See p. 10.)
 For late winter use: **Henderson's Autumn King.** (See page 23.)

MARTYNIA.

The seed pods are used to a considerable extent for pickling when gathered green and tender. Sow in the open ground in May and transplant two feet apart
If by mail in quantities of ½ lb. and upward, postage must be added at the rate of 8 cts. per lb.

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

MUSHROOM SPAWN.

We this year issue a pamphlet of instructions for Mushroom culture, which will be sent free with all orders for Spawn. To all others on receipt of 10 cents. The Spawn we offer is specially made for us three or four times each season, and is always fresh and in proper condition for planting. (See cut.)

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

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

Have used your seeds for twenty years and find them the best I can buy.—E. L. ALBERTOON, Hope, N. J., March 6th, 1890.



HENDERSON'S WHITE VELVET OKRA.

Dwarf Prolific. A very early variety, with long, green, slender pods. Very dwarf and productive. 5 cts. pkt.; 15 cts. oz.; 40 cts. ¼ lb.; \$1.00 lb.

DWARF WHITE. 5 cts. pkt.; 10 cts. oz.; 25 cts. ¼ lb.; 75 cts. lb.

Improved Dwarf Green. Early and productive. 5 cts. pkt.; 10 cts. oz.; 25 cts. ¼ lb.; 75 cts. lb.

Long Green. Long ribbed pods. 5 cts. pkt.; 10 cts. oz.; 25 cts. ¼ lb.; 75 cts. lb.

ONION SETS.

Red Onion Sets, 30 cts. qt.; \$2.00 pk. **White,** 35 cts. qt.; \$2.50 pk.

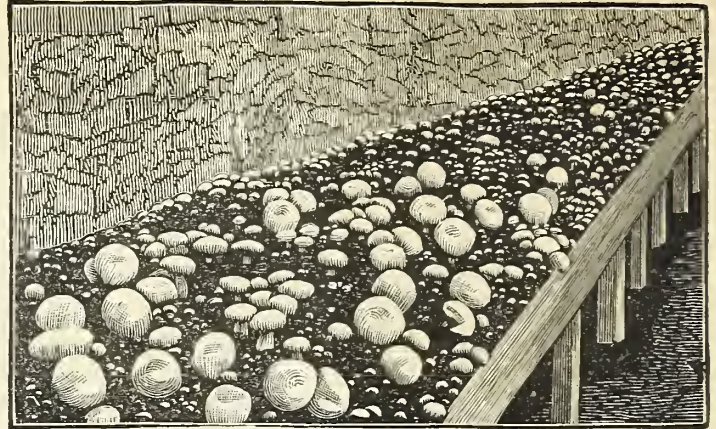
Yellow, 30 cts. qt.; \$2.00 pk. **Potato Onions,** 30 cts. qt.; \$2.00

pk. **Top, or Button Onions,** 30 cts. qt.; \$2.00 pk.

Shallots. 25 cts. qt.; \$1.75 pk.

Garlic Sets. 40 cts. lb.

WHITE MULTIPLIER. An Onion of pure white silvery color, as shown in the cut. It is very hardy and will prove a grand acquisition to this class of Onions. 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 one of the most salable and profitable varieties that can be grown. (See cut.) Price of sets, 50 cts. per pt.; 75 cts. per qt.; \$4.00 per peck.



MUSHROOMS.

MUSTARD.

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

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, in the green-house or in a frame. For a crop of seed sow in April in drills a foot apart and thin out moderately when about three inches high.

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

WHITE LONDON. Best for salads. 5 cts. oz.; 15 cts. ¼ lb.; 40 cts. lb.

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

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

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 8 cts. per lb.

Tall Nasturtium. 5 cts. pkt.; 20 cts. oz.; 50 cts. ¼ lb.; \$1.50 lb.

Dwarf Nasturtium. 5 cts. pkt.; 20 cts. oz.; 50 cts. ¼ lb.; \$1.50 lb.

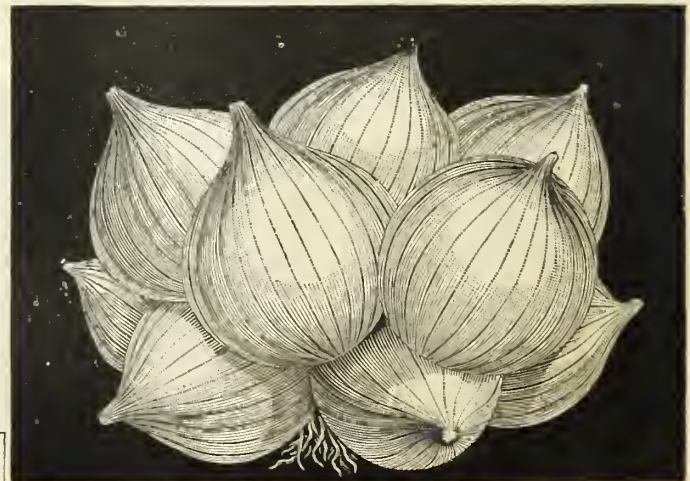
OKRA, or GUMBO.

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. and are believed to be very nutritious. It is of the easiest culture, and grows freely, bearing abundantly in any garden soil. It is sown at the usual time of all tender vegetables, in drills two inches deep, setting the plants from two to three feet apart.

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

WHITE VELVET. The pods of the White Velvet Okra 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.) 10 cts. pkt.; 25 cts. oz.; 75 cts. ¼ lb.; \$2.50 lb.



Copyrighted, 1899, by P. H. & Co. NEW WHITE "MULTIPLIER" ONION.

I think there is no such a prize as the Bush Lima Beans I raised last year. It is earlier than the pole sorts and very productive.—R. C. CHENAULT, M.D., Lexington, Ky., April 22d, 1890.

ONION SEED.

The Cut Illustrates the Following Varieties :

- No. 1.—Giant Rocca.
- No. 2.—Yellow Globe Danvers.
- No. 3.—White Portugal.
- No. 4.—Extra Early Flat Red.
- No. 5.—Trebons.
- No. 6.—White Bunch.

In the new edition of Mr. Peter Henderson's book, "Gardening for Profit," this most important crop is fully treated and all the latest known details of culture have been clearly given.

1 oz. for 100 feet of drill; 5 or 6 lbs. in drills for an acre. If by mail, in quantities of ½ lb. and upward, postage must be added at the rate of 8 cts. per lb.

WHITE BUNCH. (See cut No. 6.) A very 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. 10 cts. pkt.; 20 cts. oz.; 50 cts. ¼ lb.; \$1.75 lb.

PRIZE TAKER. (See *Novelties*, page 14.) 15c. pkt.; 60c. oz.; \$2.00 ¼ lb.; \$6.00 lb.

TREBONS. (See cut No. 5.) A valuable variety. Somewhat of the shape of "Southport Yellow Globe," but is more elongated. Color a distinct delicate amber, excellent quality. Solid, a good keeper and desirable in every way. We can recommend it. 10 cts. pkt.; 35 cts. oz.; \$1.25 ¼ lb.; \$4.00 lb.

Extra Early Flat Red. (See cut No. 4.) A light colored Onion, good keeper, the earliest of all. 5 cts. pkt.; 20 cts. oz.; 50 cts. ¼ lb.; \$1.50 lb.

WETHERSFIELD LARGE RED. A favorite sort for general crop. A large yielder and a good keeper. (See cut.) 5 cts. pkt.; 20 cts. oz.; 40 cts. ¼ lb.; \$1.40 lb.

WHITE PORTUGAL OR SILVER SKIN. (See cut No. 3.) One of the leading sorts of white flat Onion. A most excellent keeper and good yielder. Largely grown for pickling. 10 cts. pkt.; 30 cts. oz.; 75 cts. ¼ lb.; \$2.50 lb.

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.) 10 cts. pkt.; 20 cts. oz.; 50 cts. ¼ lb.; \$1.50 lb.

LARGE RED GLOBE. Differs from the preceding only in color. 10 cts. pkt.; 20 cts. oz.; 50 cts. ¼ lb.; \$1.50 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. 5 cts. pkt.; 15 cts. oz.; 35 cts. ¼ lb.; \$1.10 per lb.

SOUTHPORT WHITE GLOBE. Handsome globular Onion, of mild flavor; good keeper. One of the best. 10 cts. pkt.; 25 cts. oz.; 75 cts. ¼ lb.; \$2.50 lb.

YELLOW GLOBE DANVERS. (See cut No. 2.) A globe-shaped variety; one of the best yielders and a splendid keeper. 5c. pkt.; 15c. oz.; 40c. ¼ lb.; \$1.20 lb.

ROUND YELLOW DANVERS. An early variety, good keeper and excellent market sort. Is of good size; has a thin yellow skin. 5c. pkt.; 15c. oz.; 35c. ¼ lb.; \$1.10 lb.

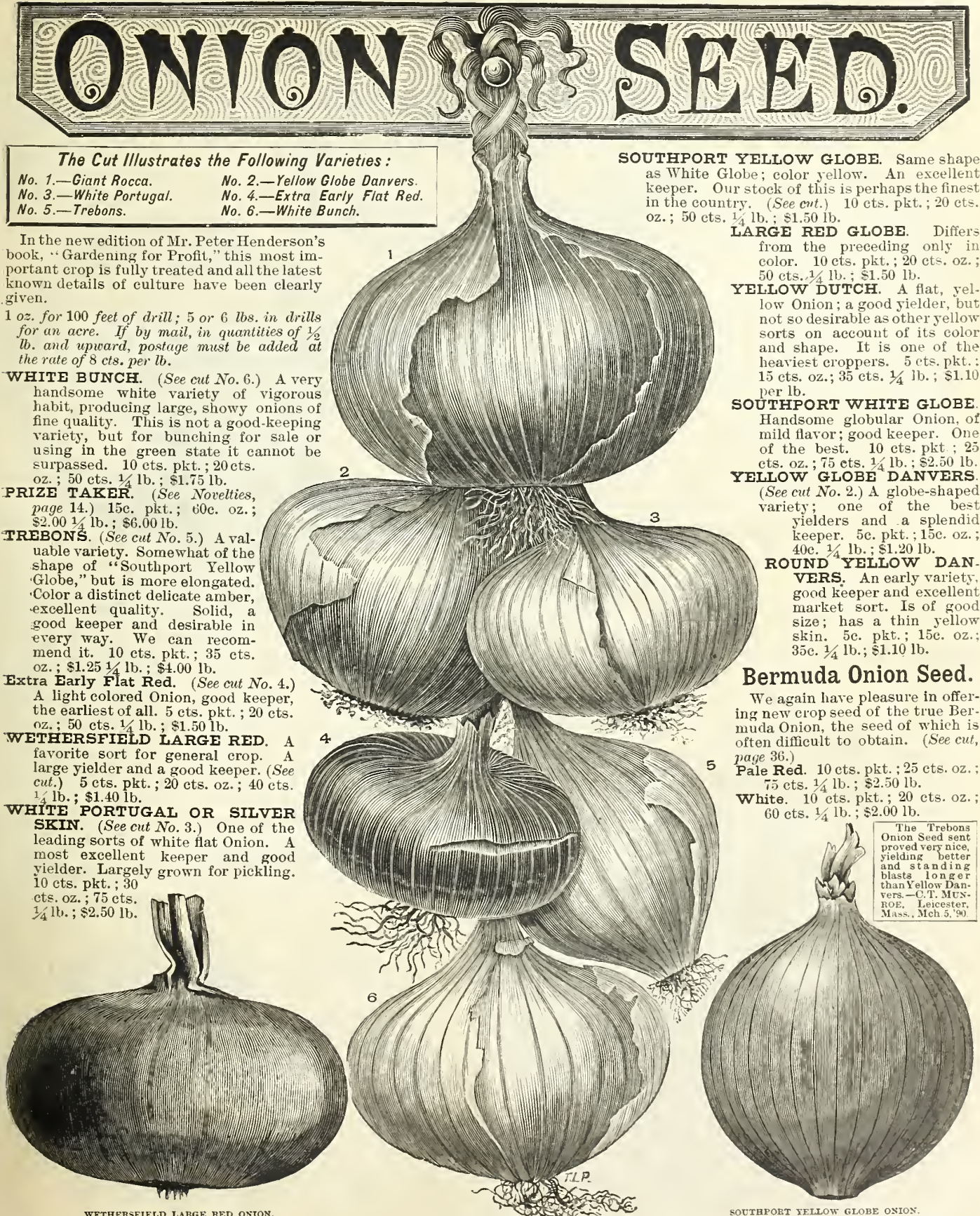
Bermuda Onion Seed.

We again have pleasure in offering new crop seed of the true Bermuda Onion, the seed of which is often difficult to obtain. (See cut, page 36.)

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

White. 10 cts. pkt.; 20 cts. oz.; 60 cts. ¼ lb.; \$2.00 lb.

The Trebons Onion Seed sent proved very nice, yielding better and standing blight longer than Yellow Danvers.—C.T. MUNROE, Leicester, Mass., Mch 5 '90



WETHERSFIELD LARGE RED ONION.

SOUTHPORT YELLOW GLOBE ONION.

Those desiring to purchase Onion Seed in lots of 10 lbs. and upward are invited to write for special prices.

Italian Onions.

The following are Italian Varieties, and specially suited for cultivation in the Southern States:

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. 10 cts. pkt.; 25 cts. oz.; 75 cts. $\frac{1}{4}$ lb.; \$2.25 lb.

QUEEN. This is the earliest of all Onions; small, flat, white and mild flavored. 10 cts. pkt.; 25 cts. oz.; 75 cts. $\frac{1}{4}$ lb.; \$2.25 lb.

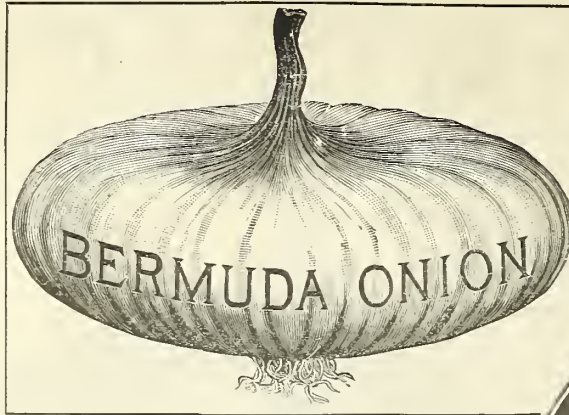
NEAPOLITAN MARZAJOLA. An early white, flat Onion of fine flavor. 10 cts. pkt.; 20 cts. oz.; 50 cts. $\frac{1}{4}$ lb.; \$1.75 lb.

GIANT ROCCA. (See cut No. 1, on page 35.) Very large growing globe shaped variety of a reddish-brown color. Flavor mild and sweet. 10 cts. pkt.; 20 cts. oz.; 50 cts. $\frac{1}{4}$ lb.; \$1.75 lb.

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

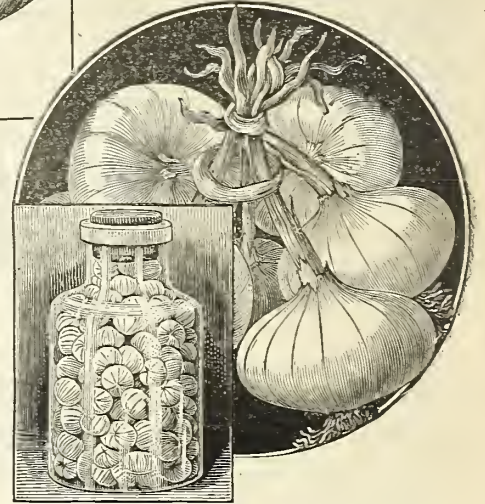
LARGE RED ITALIAN TRIPOLI. This has the same characteristics as the White Tripoli; distinct in color, however. 10 cts. pkt.; 20 cts. oz.; 50 cts. $\frac{1}{4}$ lb.; \$1.75 lb.

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. 15 cts. pkt.; 25 cts. oz.; 75 cts. $\frac{1}{4}$ lb.; \$2.25 lb.



Adriatic Barletta Onion.

A very early, small, pure white variety, having a very delicate silver skin, flesh firm and mild in flavor. Its great merit over all others is its extreme earliness. In our trial grounds it came ahead of the new "Queen" by three to four weeks; this alone will stamp it as a very desirable acquisition. For pickling purposes it is unexcelled. (See cut.) Price, 10 cts. pkt.; 30 cts. oz.; \$1.00 $\frac{1}{4}$ lb.; \$3.00 lb.



NEW ADRIATIC WHITE BARLETTA ONION.

PARSLEY.

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

1 oz. for 150 feet of drill.

Parsley succeeds best in a rich, mellow soil. As the seeds germinate very slowly, three or four weeks elapsing sometimes before it makes its appearance, it should be sown early in spring, previously soaking the seed for a few hours in tepid water. Sow thickly in rows a foot apart, and half an inch deep. For winter use protect in a frame or light cellar, or a few plants may be placed in pots or boxes and kept in the house for convenient use during the winter.

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

CHAMPION MOSS CURLED. A very select stock, beautifully crimped and curled. 5 cts. pkt.; 10 cts. oz.; 30 cts. $\frac{1}{4}$ lb.; \$1.00 lb. Fern-Leaved. A very beautiful variety, being more like a crested fern or moss than Parsley; very valuable for table decoration. 5 cts. pkt.; 15 cts. oz.; 30 cts. $\frac{1}{4}$ lb.; \$1.00 lb.

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

Hamburg or Turnip-Rooted. A fleshy-rooted kind; the roots used for flavoring soups. 5 cts. pkt.; 10 cts. oz.; 30 cts. $\frac{1}{4}$ 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 markets as well as for private gardens we commend this sort. (See cut.) 10 cts. pkt.; 20 cts. oz.; 50 cts. $\frac{1}{4}$ lb.; \$1.50 lb.

EXTRA DOUBLE CURLED. A fine dwarf variety, beautifully curled; excellent for garnishing. 10 cts. pkt.; 15 cts. oz.; 30 cts. $\frac{1}{4}$ lb.; 80 cts. lb.

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 8 cts. per lb.

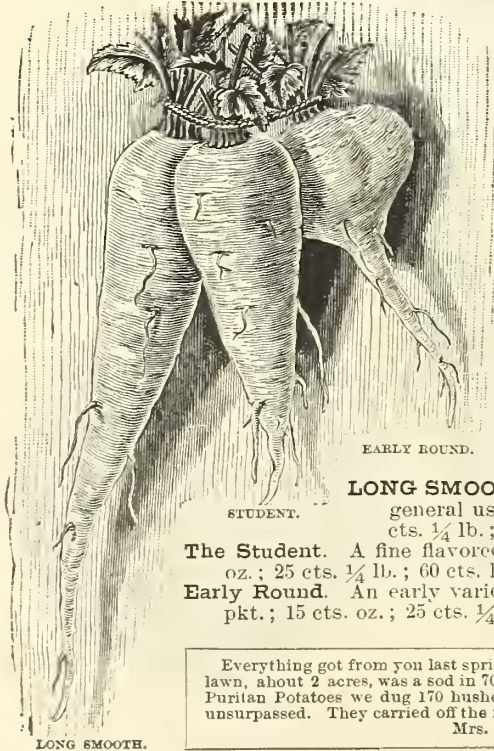
LONG SMOOTH OR HOLLOW CROWN. Best for general use. (See cut.) 5 cts. pkt.; 15 cts. oz.; 25 cts. $\frac{1}{4}$ lb.; 60 cts. lb.

The Student. A fine flavored variety. (See cut.) 5 cts. pkt.; 15 cts. oz.; 25 cts. $\frac{1}{4}$ lb.; 60 cts. lb.

Early Round. An early variety, but of small size. (See cut.) 5 cts. pkt.; 15 cts. oz.; 25 cts. $\frac{1}{4}$ lb.; 75 cts. lb.

Everything got from you last spring was the wonder of the neighborhood. Our lawn, about 2 acres, was a sod in 70 days from sowing. From the one barrel Early Puritan Potatoes we dug 170 bushels, and for size, beauty and quality they were unsurpassed. They carried off the first prize at our county fair.

Mrs. J. H. HERSHEY, O'Fallons, Neb., Oct. 4th, 1889.



HENDERSON'S EMERALD PARSLEY.

PEAS.

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, 15 cts. 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 mould should be used, or if the soil is very poor, stronger manure may be used. For general crops a good dressing should be applied, and for the dwarf growing kinds the soil can hardly be too rich. When grown as a market crop, Peas are never staked, and are sown in single rows, two or three inches deep, and from two to three feet apart, according to variety or 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 94 of this Catalogue. For an early crop sown 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.

EXTRA EARLY PEA, HENDERSON'S FIRST OF ALL.

EXTRA EARLY PEAS OF MEDIUM HEIGHT. 2½ to 3 ft.

Those marked thus * are Wrinkled Varieties.

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, 2½ feet, or fully six inches dwarfed 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, white 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 consist 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.) 20 cts. pt.; 30 cts. qt.; \$1.25 peck; \$4.50 bush.

ALASKA. The earliest blue Pea, very uniform in growth. 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 extra early Pea for market gardeners; height, 2 feet. (See cut.) 20 cts. per pt.; 30 cts. per qt.; \$1.25 per peck; \$4.50 per bush.

IMPROVED DANIEL O'ROURKE. A favorite extra early variety. Height, 3 ft. 15c. pt.; 25c. qt.; \$1.15 peck; \$4.00 per bush.

Philadelphia Extra Early. Height, 3 feet. A very desirable early variety, largely grown South. 15 cts. pt.; 25 cts. qt.; \$1.15 peck; \$4.00 bush.

FIRST AND BEST. Height, 3 feet. 15 cts. pt.; 25 cts. qt.; \$1.15 peck; \$4.00 bush.

RURAL NEW YORKER. A first-class early variety. 15 cts. pt.; 25 cts. qt.; \$1.15 peck; \$4.00 bush.

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. 20 cts. pt.; 30 cts. qt.; \$1.75 peck; \$6.00 bush.

***THE ADMIRAL.** (See *Novelties*, page 14.) 60 cts. pt.; \$1.00 qt.

The First of All Peas proved to be the earliest and best Pea in our garden. I had seventeen plants mature of the Bush Lima Beans, and have 1,700 beans to plant this year, besides giving some to my neighbors.—G. TALBOT, Falun, Kan., February 10th, 1890.

DWARF EXTRA EARLY PEAS. ¾ to 1¼ feet high.

REQUIRING NO STAKING.

Those marked thus * are Wrinkled Varieties.

BLUE BEAUTY. Its distinctive feature is its unusually regular habit of growth. Of a uniform height of 1¾ feet, so smooth and level in its growth that 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. 20 cts. pt.; 35 cts. qt.; \$1.75 peck; \$6.00 bush.

DWARF EXTRA EARLY PEAS—Continued.

Blue Peter (McLean's). A larger, better and earlier form of Tom Thumb, having blue seed. It is remarkably dwarf, very early, a capital bearer, and of excellent quality. Height, ¾ foot. 20 cts. pt.; 35 cts. qt.; \$1.75 peck; \$6.00 bush.

Tom Thumb. Remarkably dwarf and early, of excellent quality, and yields abundantly. Height, 1 foot. 20 cts. pt.; 35 cts. qt.; \$2.00 peck; \$7.00 bush.

***AMERICAN WONDER.** Far better suited to the private than the market garden, as it is not productive enough to make it much grown as a market sort. It is very early, however. The peas are wrinkled, and its distinctiveness consists in its extreme dwarf growth. Of the finest quality. Height, 9 inches. 20 cts. pt.; 35 cts. qt.; \$2.00 peck; \$7.00 bush.

***CHELSEA.** (See *Novelties*, page 14.) Height, 1 foot. 50 cts. pt.; 75 cts. qt.

***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. 20 cts. pt.; 30 cts. qt.; \$1.50 peck; \$5.50 bush.

***PREMIUM GEM, EXTRA EARLY.** A very fine dwarf Pea of the Little Gem type, on which it is a great improvement. Height, 15 inches. 20 cts. pt.; 30 cts. qt.; \$1.50 peck; \$5.50 bush.



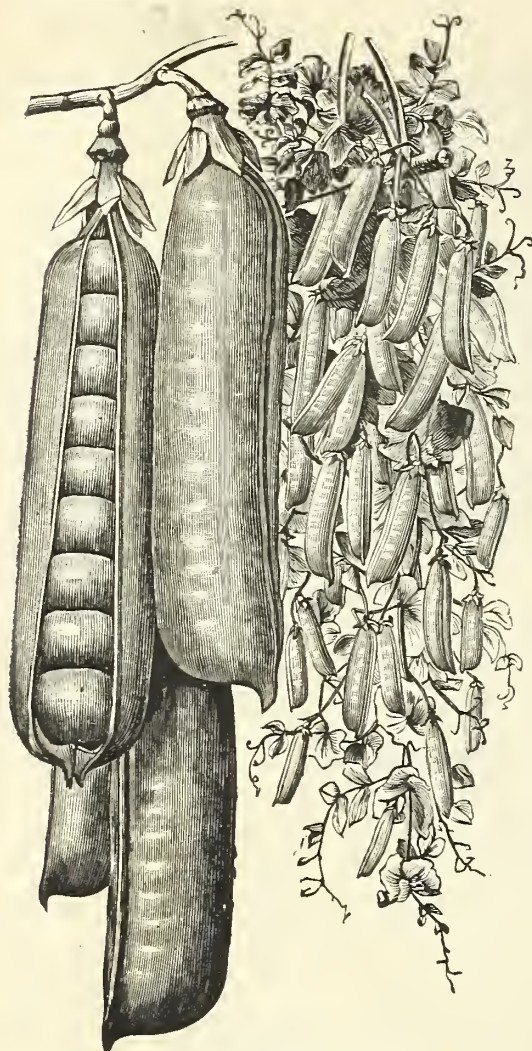
I had excellent results from your seeds, the Early Paritan Potatoes doing particularly well.—
PHILIP D. GOEPELE, Victoria, B. C.

The seeds which I purchased from you last spring gave the best possible satisfaction.—
W. S. MACE, Towanda, Pa., December 30, 1889.

Your New York Lettuce is immense and as solid as a cabbage.—
E. GERSBACHER, Clifton, Pa., May 22, 1890.

The Peas I bought of you exceeded the beauty of the picture in the Catalogue.—
Mrs. S. BAYLESS, Kingston, Ga., Mar. 19, 1890.

PEA, ALASKA.



PEA, HORSFORD'S MARKET GARDEN.

***BLISS'S EVER-BEARING.** A continuous bearing variety, which gives it especial value for late summer and autumn use. Height, 2 ft., 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. 20 cts. pt.; 35 cts. qt.; \$2.00 peck; \$6.00 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. (See cut.) 20 cts. pt.; 35 cts. qt.; \$2.00 peck; \$7.00 bushel.

Late or Main Crop Peas of Medium Height. (2½ to 3 feet.)

Those marked thus * are Wrinkled Varieties.

***YORKSHIRE HERO.** A splendid and popular wrinkled green marrow Pea of branching habit, and an abundant bearer. Height, 2½ feet. 15c. pt.; 25c. qt.; \$1.50 peck; \$5.00 bu.

BLUE IMPERIAL. One of the oldest varieties, but yet standing with undiminished merit as one of the best late summer sorts. Very productive and of excellent quality. Height, 3 feet. 15 cts. pt.; 25 cts. qt.; \$1.25 peck; \$4.50 bushel.

CULVERWELL'S TELEGRAPH. A strong grower, producing large pods containing 10 to 12 large peas in each. Peas, when cooked, are of a deep green color, and of very fine flavor. 20 cts. pt.; 35 cts. qt.; \$2.25 peck; \$8.00 bushel.

Tall, Late or Main Crop Peas. (4½ to 5 feet.)

Those marked thus * are Wrinkled Varieties.

***CHAMPION OF ENGLAND.** This is yet, by general consent, acknowledged to be the best of the late varieties. It is a tall growing sort. The pods and peas are of the largest size and excellent quality. Height, 5 feet. 15 cts. pt.; 25 cts. qt.; \$1.60 peck; \$5.50 bu.

***TELEPHONE.** A tall, wrinkled marrow, enormously productive, and of the best quality. 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. 20 cts. pt.; 35 cts. qt.; \$2.25 peck; \$8.00 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. 25 cts. pt.; 40 cts. qt.; \$2.50 peck; \$7.00 bush.

Dwarf, Second Early Peas. (2 feet.)

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.) 20 cts. pt.; 30 cts. qt.; \$2.00 peck; \$6.00 bushel.

***BLISS'S ABUNDANCE.** A second early variety, attaining a height of 2 feet. Pods 3 to 3½ 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, forming a veritable bush, making it necessary to sow the seeds much thinner than usual. Six to eight inches apart in the rows is as near as the plants should stand. 20 cts. pt.; 30 cts. qt.; \$1.75 pk.; \$6.00 bushel.

Second Early Peas of Medium Height. (2½ to 3 feet.)

Those marked thus * are Wrinkled Varieties.

***THE HEROINE.** (See Colored Plate and description, page 8.) 15 cts. per pkt.; 40 cts. per ½ pt.; 75 cts. per pt.; \$1.25 per qt.

***SHROPSHIRE HERO.** This valuable, new, second-early wrinkled Pea, like most of our best varieties, is of British origin. It is a robust grower, about 2½ feet high, producing long, handsome and well filled pods in abundance. Flavor exquisite. We recommend it highly; awarded a first-class certificate by the Royal Horticultural Society in England. Price, 50 cts. per pt.; 75 cts. per qt.; \$4.00 per peck.

***THE DON.** (See Novelties, page 14.) 60 cts. per pt.; \$1.00 per qt.

***MCLEAN'S ADVANCER.** A second early variety and now a great favorite with growers in this neighborhood, among whom it is often known as the Early Champion. It is a green wrinkled variety of fine flavor. 15 cts. pt.; 20 cts. qt.; \$1.25 pk.; \$4.50 bushel.

***HENDERSON'S MIDSUMMER.** A second early and new white, wrinkled variety. Height, 3 ft. The pods are produced in pairs, and it is a most abundant bearer. The quality leaves nothing to be desired. Price, 25 cts. pt.; 40 cts. qt.; \$2.50 peck; \$8.00 bushel.

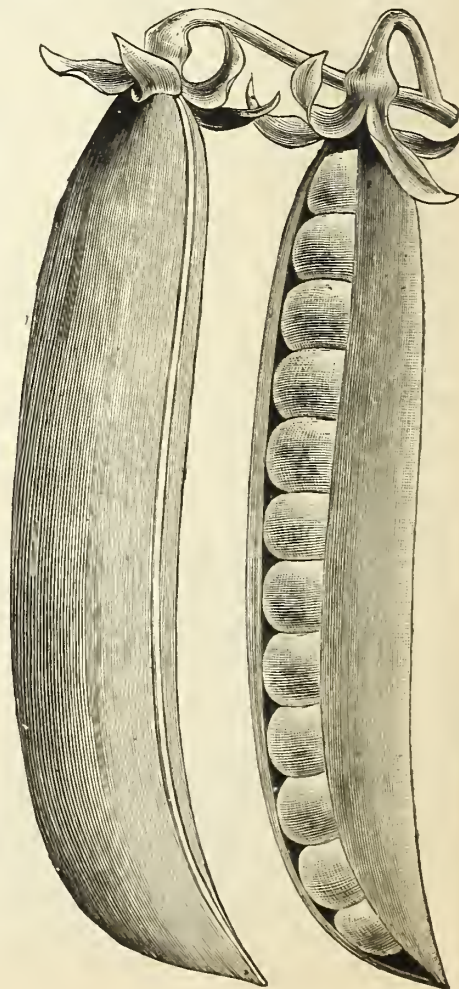
FILLBASKET. This variety is one of the best second early Peas in cultivation; dwarf growing; blue, of excellent flavor. 20 cts. pt.; 30 cts. qt.; \$1.75 peck; \$6.50 bushel.

Dwarf Late or Main Crop Peas.

(2 feet.)

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. 25 cts. pt.; 40 cts. qt.; \$2.75 peck; \$10.00 bushel.



PEA, PRIDE OF THE MARKET.

TALL, LATE OR MAIN CROP PEAS.—Continued.

***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. We consider it one of the very best late Peas sent out in years. 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, and are much larger than those of the Champion of England. 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. (See cut.) 25 cts. pt.; 40 cts. qt.; \$2.75 peck; \$9.00 bush.

***FORTY-FOLD.** An improved variety of the Champion of England. 15 cts. pt.; 25 cts. qt.; \$1.50 peck; \$5.50 bush.

WHITE MARROWFAT. A productive and popular marrow sort; largely grown as a field variety. Height, 5 feet. 15 cts. pt.; 25 cts. qt.; \$1.00 peck; \$3.00 bush.

BLACK-EYED MARROWFAT. This is extensively grown as a field Pea; hardy and productive, but not so fine flavored as most other varieties. Height, 5 feet. 15 cts. pt.; 20 cts. qt.; \$1.00 peck; \$3.00 bush.

EDIBLE PODDED OR SUGAR PEAS.

VERY EARLY DWARF SUGAR. (Edible Pods.) (See *Novelties*, page 14.) 15 cts. pkt.; 40 cts. ½ pt.; 75 cts. pt.; \$1.25 qt.

TALL SUGAR. (Edible pods.) Can be used either shelled or cooked in the pods, which, when young, are very tender and sweet. Height, 5 feet. 25 cts. pt.; 40 cts. qt.; \$2.50 peck; \$8.00 bu.

DWARF SUGAR. (Edible pods.) Similar to the last. Height, 3 feet. 25 cts. pt.; 40 cts. qt.; \$2.50 peck; \$8.00 bush.

MELTING SUGAR. (Edible pods.) This variety is ahead of all others, not only in size of pod and prolific bearing, but also for its delicious quality. It grows to the height of five to six 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. (See cut.) 40 cts. pt.; 75 cts. qt.; \$4.00 peck.

38 BUSHELS FROM 1 BUSHEL.
(ALMOST DOUBLE THE ORDINARY YIELD.)

I bought ½ bushel each Early Puritan and Pride of the West Potatoes from you and raised 38 bushels of excellent size.—Geo. E. DIXMORE, Clifton, N. J., Oct. 2d, 1890.

I had excellent results from all your seeds, the Early Puritan Potatoes doing particularly well. I harvested 150 lbs. of good seed from the 3 lbs. I got from you.—PHILIP D. GOEPEL, Victoria, B. C.

POTATO.

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

In drills 3 feet apart; 12 to 14 bushels to the acre.

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.

PEA, AMERICAN CHAMPION.

Our Potatoes are all specially raised for seed purposes and are "Northern Grown." 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.

HENDERSON'S EARLY PURITAN. Awarded the medal of excellence at the American Institute Fair in 1888. (See cut, page 40.) 90 cts. peck; \$2.75 bushel; \$5.50 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. 75 cts. peck; \$2.50 bush.; \$4.75 bbl.

EARLY ROSE. The leading variety for earliness, quality and productiveness. 75 cts. peck; \$2.50 bush.; \$4.75 bbl.

EARLY SUNRISE. Very early and productive. 75 cts. peck; \$2.50 bush.; \$4.75 bbl.

EARLY MAINE. Claimed to be an earlier and a better cropper than the Early Rose, and smoother and more regular in shape. 75 cts. peck; \$2.50 bush.; \$4.75 bbl.

BEAUTY OF HEBRON. One of the best early sorts; productive and of excellent flavor; a good keeper; pure white skin and flesh. 75 cts. peck; \$2.50 bush.; \$4.75 bbl.

EARLY OHIO. Tubers almost round; flesh solid; cooks dry and mealy; very early. 75 cts. peck; \$2.50 bush.; \$5.00 bbl.

CLARKE'S NO.

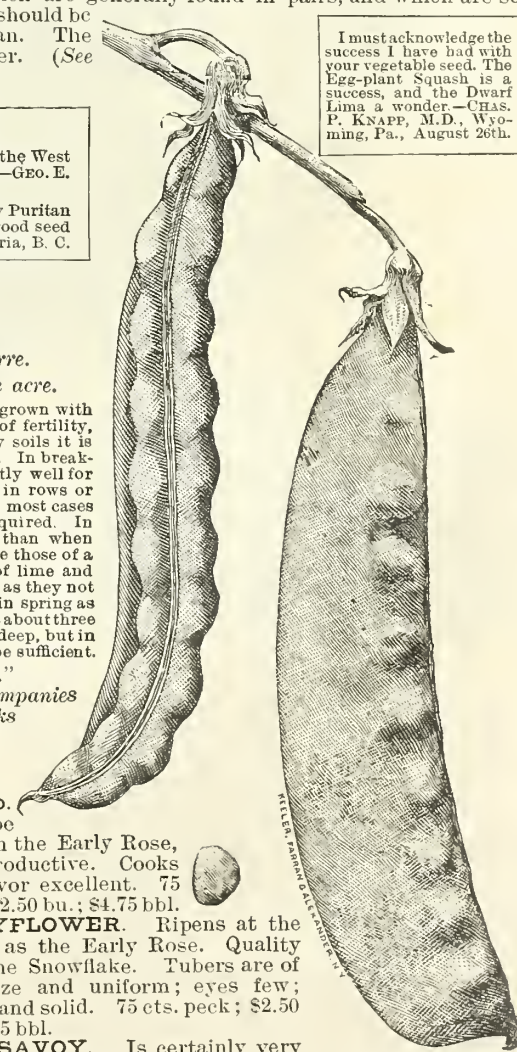
1. Said to be earlier than the Early Rose, and very productive. Cooks mealy; flavor excellent. 75 cts. peck; \$2.50 bu.; \$4.75 bbl.

EARLY MAYFLOWER. Ripens at the same time as the Early Rose. Quality equal to the Snowflake. Tubers are of medium size and uniform; eyes few; flesh white and solid. 75 cts. peck; \$2.50 bush.; \$4.75 bbl.

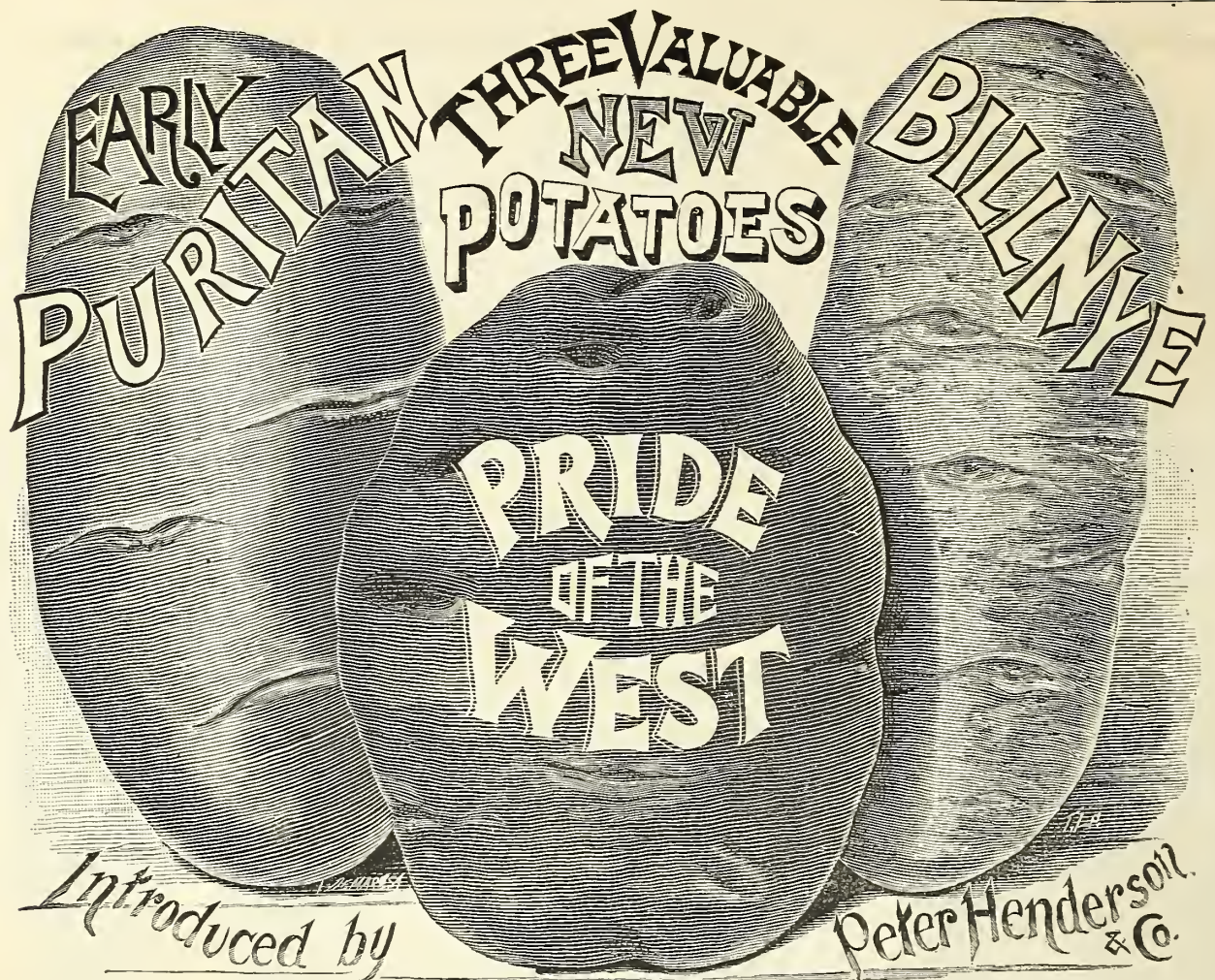
PEARL OF SAVOY. Is certainly very early and productive. The tubers are oblong and of large size; the flesh pearly white and mealy. 75 cts. peck; \$2.50 bush.; \$4.75 bbl.

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. 75 cts. peck; \$2.50 bush.; \$4.75 bbl.

I must acknowledge the success I have had with your vegetable seed. The Egg-plant Squash is a success, and the Dwarf Lima a wonder.—CHAS. P. KNAPP, M.D., Wyoming, Pa., August 26th.



PEA, MELTING SUGAR.



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EARLY VARIETIES.—Continued.

- EXTRA EARLY VERMONT.** In general appearance similar to the Early Rose, but said to be harder and more productive. 75 cts. peck; \$2.50 bush.; \$4.75 bbl.
- TRIUMPH.** As an early variety this has given great satisfaction, particularly in the South. Very productive and of excellent quality. 75 cts. peck; \$2.50 bush.; \$5.00 bbl.
- CHAS. DOWNING.** Oval, oblong form and pure white color. One of the earliest sorts, of splendid quality. Enormously productive. 75 cts. peck; \$2.50 bush.; \$4.75 bbl.

MEDIUM EARLY VARIETIES.

- RURAL NEW YORKER No. 2.** Large and smooth variety of excellent quality; white skin and flesh, with few and shallow eyes. 75 cts. peck; \$2.50 bush.; \$4.75 bbl.
- RURAL BLUSH.** An excellent variety, having a beautiful blush skin, while the flesh is slightly tinged with pink. It is of first rate quality and cooks through dry and evenly. A very heavy yielder. 75 cts. peck; \$2.50 bush.; \$4.75 bbl.
- GREEN MOUNTAIN.** Large and handsome, medium oblong in shape, white eyes, few and shallow, a vigorous grower, and one of the very best medium early varieties. 75 cts. peck; \$2.50 bush.; \$4.75 bbl.
- DELAWARE.** Medium early; oblong, pure white and rough skinned; good quality. 75 cts. peck; \$2.50 bush.; \$4.75 bbl.

Late or Main Crop Varieties.

- LATE PURITAN.** (See *Novelties*, page 15.) 30 cts. lb.; 4 lbs. for \$1.00 (postage, 8 cts. per lb. extra); \$1.25 peck; \$4.50 bu.; \$10 bbl.
- MONROE SEEDLING.** A fine late variety resembling Superior, and an excellent keeper. 90 cts. peck; \$2.75 bush.; \$5.50 bbl.
- SUPERIOR.** A seedling from White Star. A very fine, late, white skinned, kidney-shaped variety; a heavy cropper and a good keeper. 90 cts. peck; \$2.75 bush.; \$5.50 bbl.

PRIDE OF THE WEST. A flattish-round, red-skinned variety; very large; eyes deep but few in number. The quality is unequalled; medium late, coming in about the same time as Peerless and Jumbo; unusually strong grower, and considered to be the heaviest cropper in America. (See *cut.*) 90 cts. peck; \$2.75 bush.; \$5.50 bbl.

BILL NYE. A valuable new white kidney variety, a cross between Beauty of Hebron and the Belle. It is very smooth and handsome, eyes unusually shallow for a late Potato. A vigorous grower of first-class quality, and an enormous cropper. The tubers lie compactly in the hill and are easily dug. They can be kept in an ordinary cellar temperature until July following without sprouting. (See *cut.*) 90c. peck; \$2.75 bush.; \$5.50 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. 75 cts. peck; \$2.50 bush.; \$4.75 bbl.

ST. PATRICK. Handsome, exceedingly smooth and regular; oblong in shape, with very few and shallow eyes. It is a large yielder and of the first quality. 75 cts. peck; \$2.50 bush.; \$4.75 bbl.

MORNING STAR. A late sort, of better quality than most of the heavy croppers. 75 cts. peck; \$2.50 bush.; \$4.75 bbl.

JUMBO. A very heavy yielder. Seems to be entirely free from rot and one of the best keepers. 75 cts. peck; \$2.50 bush.; \$4.75 bbl.

WHITE ELEPHANT. Late, large, good quality and enormously productive. 75 cts. peck; \$2.50 bush.; \$4.75 bbl.

WHITE STAR. Medium early and large cropper; cooking qualities of the best; a good keeper. 75 cts. peck; \$2.50 bush.; \$4.75 bbl.

See All of the above varieties of Potatoes are Northern Grown and from carefully selected seed stock.

Potato seed, 50 cts. per packet.

Special Prices for large quantities of Potatoes on application.

— 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 and the soil is warm and weather settled.

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

CARDINAL. (See *Novelties*, page 13.) 15 cts. pkt.; \$1 00 oz.

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, and when the peppers are matured presents a very ornamental appearance. A single plant has been known to produce as many as 1,000 peppers. 10 cts. pkt.; 40 cts. oz.; \$1.25 ¼ lb.; \$4.00 lb.

CHILD'S CELESTIAL. Creamy white changing to vivid scarlet. 10 cts. pkt.; 40 cts. oz.; \$1.25 ¼ lb.; \$4.00 lb.

RUBY KING. An exceedingly large and handsome Pepper; the fruits are of a bright ruby red, from 4½ to 6 inches long by 9 to 12 inches in circumference. The flavor is remarkably mild, and it can be sliced and eaten with salt and vinegar like tomatoes and cucumbers, or it can be used as a salad. 10 cts. pkt.; 40 cts. oz.; \$1.25 ¼ lb.; \$4.00 per lb.

SWEET SPANISH. One of the largest and earliest varieties; the flesh is sweet and mild. 10 cts. pkt.; 35 cts. oz.; \$1.00 ¼ lb.; \$3.00 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. (See *cut.*) 10 cts. pkt.; 35 cts. oz.; \$1.00 ¼ lb.; \$3.00 lb.

GOLDEN DAWN. Of the same shape and size as the Large Bell, but of more delicate flavor, while the color, as the name indicates, is a beautiful golden yellow. 10 cts. pkt.; 35 cts. oz.; \$1.00 ¼ lb.; \$3.00 lb.



LARGE BELL OR BULL NOSE PEPPER.

SWEET MOUNTAIN, or MAMMOTH. Similar to the Bull Nose, but larger and milder in flavor. Used to make stuffed pickles, "Mangoes." 10 cts. pkt.; 35 cts. oz.; \$1.00 ¼ lb.; \$3.00 lb.

SQUASH, or TOMATO-SHAPED. Generally grown for pickling. Hardly so early as the Bull Nose, but very productive. A leading market variety. 10 cts. pkt.; 30 cts. oz.; \$1.00 ¼ lb.; \$3.00 lb.

CRANBERRY. One of the best for pickling. The fruit closely resembles the Cranberry in appearance. 10 cts. pkt.; 40 cts. oz.; \$1.25 ¼ lb.; \$4.00 lb.

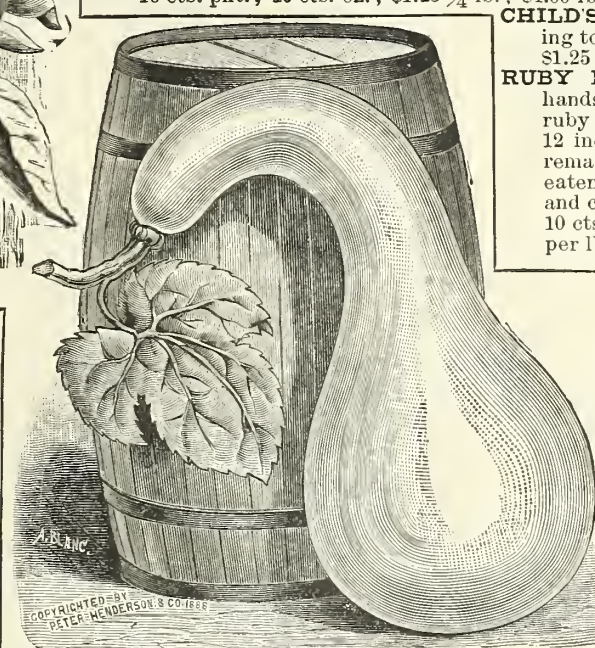
LONG RED CAYENNE. The variety of commerce. Pods small, cone-shaped; scarlet red when ripe. Quite a late variety; the pods are as frequently used for pickling green as when ripe. 10 cts. pkt.; 35 cts. oz.; \$1.00 ¼ lb.; \$3.00 lb.

Long Yellow Cayenne. Similar in shape to the Long Red, but of a rich, glossy yellow. 10 cts. pkt.; 35 cts. oz.; \$1.00 ¼ lb.; \$3.00 lb.

Chili. (True.) Very piquant and prolific; very small, slim fruits, generally used for making pepper sauce. 10 cts. pkt.; 35 cts. oz.; \$1.00 ¼ lb.; \$3.00 lb.

Cherry Red. An exceedingly ornamental variety; fruit round, of a rich, glossy scarlet color. 10 cts. pkt.; 40 cts. oz.; \$1.25 ¼ lb.; \$4.00 lb.

OXHEART. Medium size, heart-shaped, very productive and piquant; excellent for pickling. 10 cts. pkt.; 40 cts. oz.; \$1.25 ¼ lb.; \$4.00 lb.



JONATHAN PUMPKIN.

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

CALHOUN. (See *Novelties*, page 15.) 15 cts. per pkt.; 2 pkts. for 25 cts.; 10 pkts. for \$1.00.

JONATHAN. This is a good keeper, of large size, very prolific and wonderfully smooth and even fleshed. Very sweet; the finest of all varieties for pies. (See *cut.*) 10 cts. pkt.; 30 cts. oz.; \$1.00 ¼ lb.; \$3.00 lb.

NANTUCKET. Has a hard shell and is one of the very sweetest Pumpkins in existence. 5 cts. pkt.; 10 cts. oz.; 30 cts. ¼ lb.; \$1.00 lb.

LARGE CHEESE. The best variety for cooking purposes. (See *cut.*) 5 cts. pkt.; 10 cts. oz.; 25 cts. ¼ lb.; 60 cts. lb.

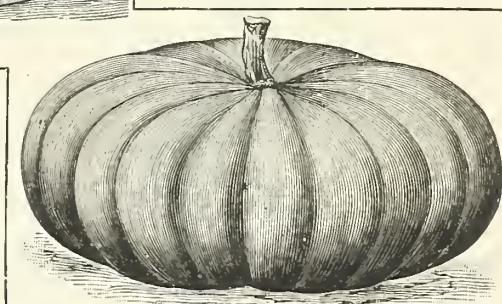
JUMBO. The largest variety grown, often attaining a weight of 200 lbs.; very productive. 10 cts. pkt.; 25 cts. oz.; 50 cts. ¼ lb.; \$1.50 lb.

CASHAW. In appearance resembles Winter Crookneck Squash; color white, striped and mottled with green. 5 cts. pkt.; 10 cts. oz.; 25 cts. ¼ lb.; 80 cts. lb.

Large Tours, or Mammoth. Grows to an immense size, often weighing over 100 lbs. 10 cts. pkt.; 25 cts. oz.; 50 cts. ¼ lb.; \$1.50 lb.

Connecticut Field. Very productive. 5 cts. oz.; 15 cts. ¼ lb.; 40 cts. lb.

SUGAR. Smaller than the Large Cheese, but of finer grain. First-rate either for the table or for feeding to stock. 5 cts. pkt.; 10 cts. oz.; 25 cts. ¼ lb.; 75 cts. lb.



CHEESE PUMPKIN.

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 green-house or warm cellar, as no light is necessary for the development of the stalk.

If by mail in quantities of ½ lb. and upward, postage must be added at the rate of 8 cts. 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. 20 cts. pkt.; 75 cts. oz.; \$2.50 ¼ lb.

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

Victoria. Very large; later than the Linnæus. 10 cts. pkt.; 25 cts. oz.; 75 cts. ¼ lb.; \$2.50 lb.

For price of Rhubarb Roots, see *Vegetable Plants*, page 47.

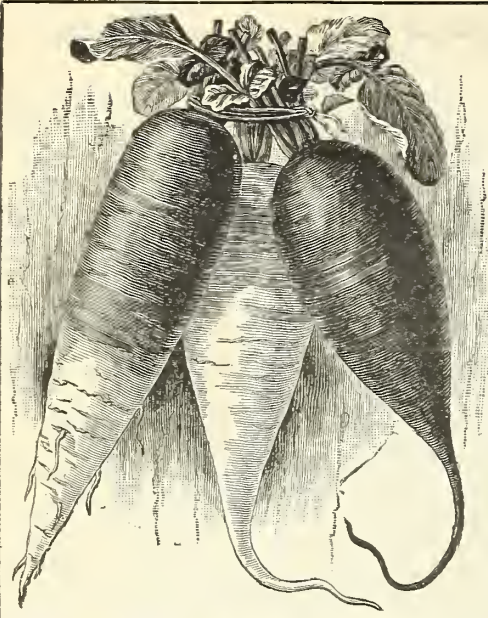
✻ RADISH. ✻

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

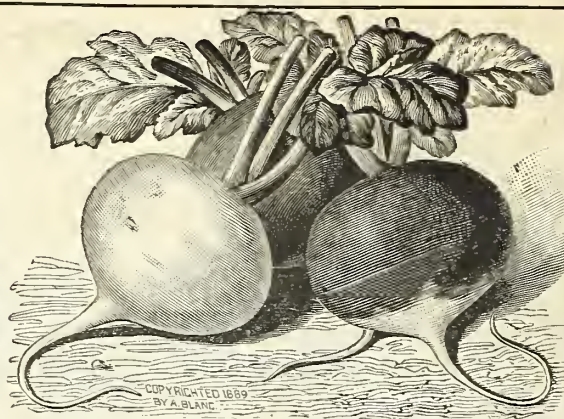
1 oz. for 100 feet of drill; 9 to 10 lbs. in drills for an acre.

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.



CHARTIER. WHITE STRASBURG. WOOD'S EARLY FRAME.



Radishes. EL DORADO TURNIP. SCARLET TURNIP. WHITE TIPPED SCARLET TURNIP.

Early Round or Turnip-Shaped Radishes.

EL DORADO. This is identical with the old favorite Scarlet Turnip Radish in shape, size and quality, but is a golden yellow color. Very distinct and desirable. (See cut.) 10 cts. pkt.; 25 cts. oz.; 75 cts. $\frac{1}{4}$ lb.; \$2.50 per lb.

RAPID FORCING. (See *Novelties*, page 6.) 10c. pkt.; 25c. oz.; 75c. $\frac{1}{4}$ lb.; \$2.50 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. 10 cts. pkt.; 20 cts. oz.; 40 cts. $\frac{1}{4}$ lb.; \$1.00 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. 10 cts. pkt.; 25 cts. oz.; 60 cts. $\frac{1}{4}$ lb.; \$1.75 lb.

EARLY ROUND DARK RED. The shape is the same as that of the Early Scarlet Turnip, and it differs only in the skin being darker in color and making much smaller tops. On this account it is now very largely used for forcing. This variety is grown largely for early market. 10 cts. pkt.; 15 cts. oz.; 30 cts. $\frac{1}{4}$ lb.; 65 cts. lb.

WHITE TIPPED SCARLET TURNIP. Early, of medium size, handsome and of excellent flavor. (See cut.) 10 cts. pkt.; 15 cts. oz.; 30 cts. $\frac{1}{4}$ lb.; 65 cts. lb.

EARLY SCARLET TURNIP. Very delicate in flavor, and for this reason in great demand for home consumption. (See cut.) 5c. pkt.; 10c. oz.; 25c. $\frac{1}{4}$ lb.; 65c. lb.

EARLY WHITE TURNIP. Very early; flesh and skin white. Grown for mixing in with bunches of Red Radishes. 5 cts. pkt.; 10 cts. oz.; 25 cts. $\frac{1}{4}$ lb.; 65 cts. lb.

VIOLET WHITE TIPPED TURNIP. Desirable as an early, rapid grower; deep violet, lower portion clear white. Like all so-called "white-tipped" sorts, it is better pulled young. 5 cts. pkt.; 15 cts. oz.; 35 cts. $\frac{1}{4}$ lb.; \$1.00 lb.

Early Long Radishes.

CELESTIAL. A distinct variety from China. 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 and solid and pure white, skin creamy white, and is very attractive in appearance. (See cut.) 10 cts. pkt.; 25 cts. oz.; 75 cts. $\frac{1}{4}$ lb.; \$2.50 lb.

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. 5 cts. pkt.; 10 cts. oz.; 25 cts. $\frac{1}{4}$ lb.; 65 cts. lb.

WOOD'S EARLY FRAME. Comparatively few growers are aware of the fact that it is over *ten days earlier* than the Long Scarlet Radish, which it very much resembles, although not quite so long. An excellent variety for forcing. (See cut.) 5 cts. pkt.; 10 cts. oz.; 25 cts. $\frac{1}{4}$ lb.; 65 cts. lb.

LONG PURPLE. Similar in all respects to the Early Long Scarlet, excepting color, which is a deep purple. 5 cts. pkt.; 10 cts. oz.; 20 cts. $\frac{1}{4}$ lb.; 60 cts. lb.

Early Olive-Shaped Radishes.

RED ROCKET. This showy Radish is olive-shaped, brilliant scarlet, very early, small topped and valuable for forcing. In appearance, quality and earliness it is unsurpassed. 10 cts. pkt.; 20 cts. oz.; 50 cts. $\frac{1}{4}$ lb.; \$1.50 lb.

Olive-Shaped Scarlet. Oblong-shaped; flesh rose colored; a good summer variety. 5 cts. pkt.; 10 cts. oz.; 25 cts. $\frac{1}{4}$ lb.; 75c. lb.

OLIVE-SHAPED VIOLET, WHITE TIPPED. A variety similar to the preceding, differing only in shape. 5 cts. pkt.; 15 cts. oz.; 35 cts. $\frac{1}{4}$ lb.; \$1.00 lb.

Summer Radishes.

LONG WHITE VIENNA (Lady Finger). This is the finest Long White Radish. Beautiful in shape; skin and flesh are pure snow white; crisp and of rapid growth. 5 cts. pkt.; 10 cts. oz.; 25 cts. $\frac{1}{4}$ lb.; 75 cts. 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. 5 cts. pkt.; 10 cts. oz.; 25 cts. $\frac{1}{4}$ lb.; 75 cts. lb.

BLACK SUMMER TURNIP. A summer variety of excellent quality. While it does not grow to so large size, it stands longer and does not get pithy as quickly as many other sorts. 5 cts. pkt.; 10 cts. oz.; 35 cts. $\frac{1}{4}$ lb.; \$1.00 lb.

Gray Summer Turnip. An excellent variety for summer use. 5 cts. pkt.; 10 cts. oz.; 25 cts. $\frac{1}{4}$ lb.; 75 cts. lb.

Long White Naples. Flesh white, crisp and mild. 5 cts. pkt.; 10 cts. oz.; 25 cts. $\frac{1}{4}$ lb.; 75 cts. lb.

The seeds I bought from you last spring took first prize at the Autumn Exhibition at Desboro. I will try your seeds again, as I think I can get no better.—Mrs. JAS. GILLESPIE, Grimston, Gray County, Ontario.



SUMMER RADISHES—Continued.

WHITE SUMMER TURNIP. Excellent for summer use; of mild flavor. 5 cts. pkt.; 10 cts. oz.; 20 cts. ¼ lb.; 60 cts. lb.

YELLOW SUMMER TURNIP. Grows to a large size; excellent to stand the heat and drought of summer. 5 cts. pkt.; 10 cts. oz.; 25 cts. ¼ lb.; 65 cts. 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. 5 cts. pkt.; 10 cts. oz.; 25 cts. ¼ lb.; 75 cts. lb.

BECKERT'S CHARTIER. Decidedly distinct in appearance from any Radish in cultivation. The color at the top is crimson, running into pink about the middle, and from thence downward it is pure, waxy white. It will attain a very large size before it becomes unfit for the table. 5 cts. pkt.; 15 cts. oz.; 35 cts. ¼ lb.; \$1.00 lb.

WINTER RADISHES.

SANDWICH. (See *Novelties*, page 16.) 15c. pkt.; 40c. oz.

ROSE CHINA WINTER. Bright rose color; flesh firm and piquant; fine for winter use. (See *cut.*) 5 cts. pkt.; 10 cts. oz.; 25 cts. ¼ lb.; 75 cts. lb.

GRAY LONG WINTER. An exceedingly fine winter variety; grows somewhat larger than the Black Spanish; good keeper, and of a gray color. 5c. pkt.; 10c. oz.; 25c. ¼ lb.; 75c. lb.

LONG BLACK SPANISH. One of the hardiest and best for winter use. 5 cts. pkt.; 10 cts. oz.; 25 cts. ¼ lb.; 75 cts. lb.

ROUND BLACK SPANISH. 5c. pkt.; 10c. oz.; 25c. ¼ lb.; 75c. lb.

Long White Spanish. Rather milder in flavor than the Long Black Spanish. 5c. pkt.; 10c. oz.; 25c. ¼ lb.; 75c. lb.

CALIFORNIA MAMMOTH WHITE WINTER. A giant white fleshed fall Radish of excellent quality. 5 cts. pkt.; 10 cts. oz.; 30 cts. ¼ lb.; \$1.00 lb.

SORREL.

Broad Leaved. Used for Salads. 5 cts. pkt.; 20 cts. oz.; 50 cts. ¼ lb.; \$1.50 lb.

SPINACH.

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

1 oz. for 100 feet 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 ½ lb. and upward, postage must be added at the rate of 8 cents 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.*) 5 cts. pkt.; 10 cts. oz.; 15 cts. ¼ lb.; 40 cts. 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. 5 cts. pkt.; 10 cts. oz.; 15 cts. ¼ lb.; 40 cts. 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. 5 cts. pkt.; 10 cts. oz.; 15 cts. ¼ lb.; 40 cts. lb.

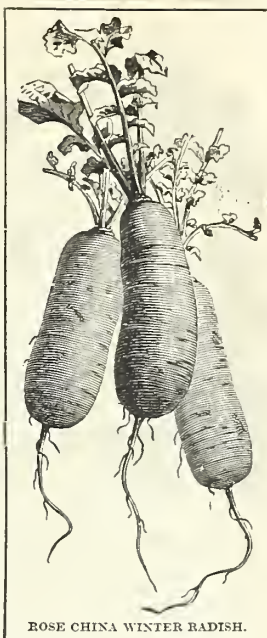
ROUND LEAF. Generally cultivated for winter use, being very hardy, standing our severest winters with little injury. 5c. pkt.; 10c. oz.; 15c. ¼ lb.; 40c. lb.

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.; 15c. oz.; 40c. ¼ lb.; \$1.25 lb.

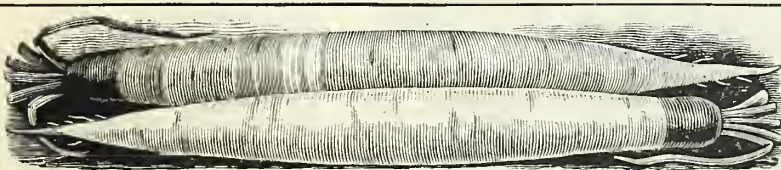
LARGE ROUND LEAF VIROFLAY.

A newer sort with very large, thick leaves. 5 cts. pkt.; 10 cts. oz.; 15 cts. ¼ lb.; 40 cts. 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.; 10 cts. oz.; 15 cts. ¼ lb.; 40 cts. lb.



ROSE CHINA WINTER RADISH.



SANDWICH ISLAND MAMMOTH SALSIFY.

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

WHITE FRENCH. 10 cts. pkt.; 20 cts. oz.; 50 cts. ¼ lb.; \$1.50 lb.

SANDWICH ISLAND MAMMOTH. 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.*) 15 cts. pkt.; 30 cts. oz.; 75 cts. ¼ lb.; \$2.00 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 ½ lb. and upward, postage must be added at the rate of 8 cts. per lb.

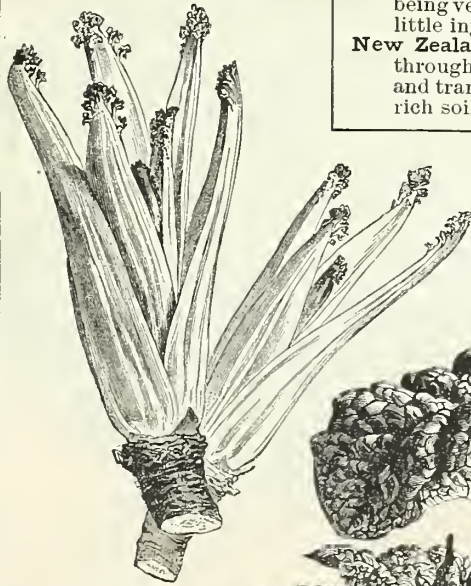
10c. pkt.; 25c. oz.; 75c. ¼ lb.; \$2.50 lb.

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

(See *cut.*) 10c. pkt.; 30c. oz.; \$1.00 ¼ lb.; \$3.50 lb.



SEA-KALE.



SPINACH, SAVOY LEAVED.

I ordered 1 lb. each of your new potatoes, Bill Nye and Pride of the West. After looking at the Bill Nye tubers I made up my mind that I need not expect much from "Bill." But the returns have surprised me.

It was cut to one eye, the 1 lb. making 20 eyes; planted April 24 in a trench 12 ins. apart, covered 4 ins. deep; came up May 13; bloomed July 7. It was planted alongside of six other kinds on my trial plot (one-fortieth acre). It made the healthiest and largest growth of top; did not blight; ripened about Sept. 1. I measured the largest vine—height, 56 ins.; circumference, 2 ins. Was dug in the presence of witnesses on Sept. 13. The yield was 74 lbs. from the 20 eyes, or 1 lb. of seed. They were pronounced by all the handsomest and most perfect potatoes.

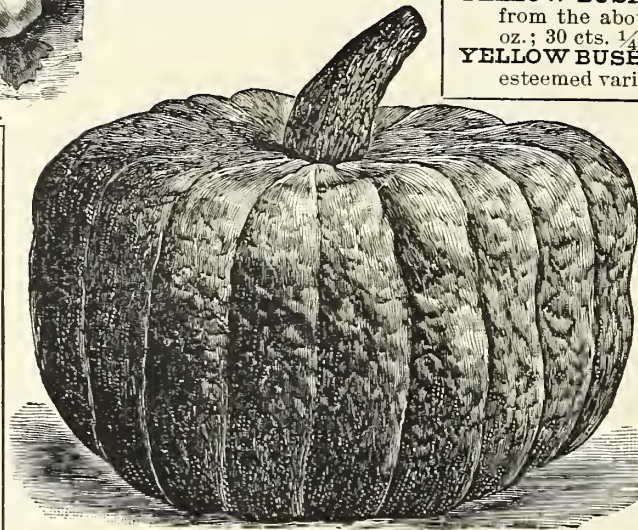
I cannot close without again speaking a good word for the Blue Beauty Pea.—Mrs. E. L. KLINE, Welcome P. O., Whatcom Co., Washington, Sept. 30, 1890.



HENDERSON'S GOLDEN CUSTARD SQUASH.

EGG PLANT SQUASH. So named from its peculiar fitness for cooking like the Egg Plant; it is delicious when fried. It is a very early bush variety with white flesh; when young the rind is mottled gray, turning to a buff color when ripe. 10 cts. pkt.; 20 cts. oz.; 75 cts. $\frac{1}{4}$ lb.; \$2.00 lb.

VEGETABLE MARROW (Common). 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. 5 cts. pkt.; 15 cts. oz.; 50 cts. $\frac{1}{4}$ lb.; \$1.50 lb.



BAY STATE SQUASH.

Fall or Winter Squash.

FORDHOOK. (See *Novelties*, page 16.) 10 cts. pkt.; 30 cts. oz.; 75 cts. $\frac{1}{4}$ lb.; \$2.00 lb.

EARLY PROLIFIC MARROW. It is a decided improvement on the Boston Marrow, being earlier and more productive, of brilliant orange-red color and fine keeping and cooking qualities. 10 cts. pkt.; 20 cts. oz.; 40 cts. $\frac{1}{4}$ lb.; \$1.00 lb.

GREEN STRIPED BUSH or BERGEN. A small white Squash, with green stripes, of excellent flavor. 5 cts. pkt.; 10 cts. oz.; 25 cts. $\frac{1}{4}$ lb.; 75 cts. lb.

Butman A fine grained and distinct variety; dry, sweet and delicious flavor. 5 cts. pkt.; 10 cts. oz.; 25 cts. $\frac{1}{4}$ lb.; 75 cts. lb.

PINEAPPLE. A fall and winter variety. The color of flesh and skin is creamy white. Quality excellent, keeps well all winter. Very prolific, yielding five to eight Squashes per vine. 5 cts. pkt.; 10 cts. oz.; 25 cts. $\frac{1}{4}$ lb.; 75 cts. 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. 5 cts. pkt.; 15 cts. oz.; 30 cts. $\frac{1}{4}$ lb.; 75 cts. lb.

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. It yields equal to the Hubbard, and its keeping qualities are said to be better. 5 cts. pkt.; 15 cts. oz.; 30 cts. $\frac{1}{4}$ lb.; 75 cts. lb.

MAMMOTH CHILI. Grows to an immense size, often weighing over two hundred pounds; excellent for all uses. 10 cts. pkt.; 20 cts. oz.; 50 cts. $\frac{1}{4}$ lb.; \$1.75 lb.

COCOANUT. Very prolific, producing six to twelve on a vine. Outer color light yellow, the bottom of the fruit being of a rich green hue. Quality first-class. 5 cts. pkt.; 10 cts. oz.; 30 cts. $\frac{1}{4}$ lb.; \$1.00 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. 5 cts. pkt.; 15 cts. oz.; 30 cts. $\frac{1}{4}$ lb.; 75 cts. lb.

ESSEX HYBRID. One of the richest flavored, finest grained and sweetest of all Squashes, also one of the very best keepers. The flesh is very thick, rich colored and solid. 5 cts. pkt.; 15 cts. oz.; 30 cts. $\frac{1}{4}$ lb.; \$1.00 lb.

Winter Crookneck. Flesh close grained, sweet and fine flavored; plant in hills nine feet apart. 5 cts. pkt.; 15 cts. oz.; 30 cts. $\frac{1}{4}$ lb.; \$1.00 lb.

American Turban. Flesh orange yellow; thick, fine grained and

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

Summer Squash.

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.*) 10 cts. pkt.; 30 cts. oz.; 75 cts. $\frac{1}{4}$ lb.; \$2.00 lb.

WHITE BUSH SCALLOPED. (Cymplings.) 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. 5 cts. pkt.; 15 cts. oz.; 30 cts. $\frac{1}{4}$ lb.; 75 cts. lb.

YELLOW BUSH SCALLOPED. (Cymplings.) Differs from the above only in color. 5 cts. pkt.; 15 cts. oz.; 30 cts. $\frac{1}{4}$ lb.; 75 cts. 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.; 15c. oz.; 30c. $\frac{1}{4}$ lb.; 75c. lb.

LONG WHITE BUSH VEGETABLE MARROW. A decided improvement on the old trailing Vegetable Marrow. The fruit is larger, handsomer, more ribbed or fluted, and of strictly bush form. (See *cut.*) Price, 10 cts. pkt.; 30 cts. oz.; 75 cts. $\frac{1}{4}$ lb.; \$2.00 per lb.

PERFECT GEM. Equally desirable either as a summer or winter Squash. The squashes are from four to six inches in diameter, of a creamy white, with thin, smooth shell, slightly ribbed. 5c. pkt.; 15c. oz.; 25c. $\frac{1}{4}$ lb.; 75c. per lb.



LONG WHITE BUSH VEGETABLE MARROW SQUASH.

well flavored; an excellent variety for use in the fall and early winter. 5 cts. pkt.; 15 cts. oz.; 30 cts. $\frac{1}{4}$ lb.; \$1.00 lb.

VALPARAISO. A South American variety of large size, enormously prolific and excellent quality. 5 cts. pkt.; 15 cts. oz.; 30 cts. $\frac{1}{4}$ lb.; \$1.00 lb.

SIBLEY. The shell is pale slate color, very hard, but so thin and smooth as to occasion the least possible waste in baking. Flesh is solid and thick, a brilliant orange color, and of rare edible qualities, being dry, and of a rich, delicate flavor. Weight from 8 to 11 lbs. 5c. pkt.; 15c. oz.; 30c. $\frac{1}{4}$ lb.; 75c. 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. (See *cut.*) 5 cts. pkt.; 15 cts. oz.; 30 cts. $\frac{1}{4}$ lb.; 75 cts. lb.

TOMATO.

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

Sow in a hot-bed, green-house, 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. Water freely at the time of transplanting, and shelter from the sun a few days until the plants are established.

1 oz. for 1,500 plants; ¼ lb. (to transplant) for an acre.

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

NEW TOMATO No. 400. (See description and cut, page 4.) 25 cts. pkt.

IGNOTUM. A large, solid, deep red variety, prolific and of good quality, but, according to our tests, by no means so very early as it has been claimed to be. (See cut.) 15 cts. pkt.; 75 cts. oz.; \$2.50 ¼ lb.

TABLE QUEEN. (See *Novelties*, page 8.) 20 cts. pkt.; \$1.00 oz.; \$3.00 ¼ lb.

EARLY RUBY. (See *Novelties*, page 16.) 15 cts. pkt.; 60 cts. oz.; \$2.00 ¼ lb.

NEW DWARF CHAMPION. One of the most distinct and valuable Tomatoes of recent introduction. Dwarf, stiff habit, scarcely needing any support. It is very early and wonderfully prolific. Color, rich bright scarlet. Is perfectly round and smooth, of medium size, contains few seeds, and is really more "meaty" than many Tomatoes twice the size. (See cut.) 10 cts. pkt.; 25 cts. oz.; 80 cts. ¼ lb.; \$3.00 lb.

PARAGON. Similar to the Acme in all respects, except that in the Paragon the color is of a bright, glossy crimson. 10 cts. pkt.; 25 cts. oz.; 80 cts. ¼ lb.; \$3.00 lb.

ESSEX HYBRID. Quite early, of large size, perfectly smooth; bright pink color, resembling Acme, but larger. 5 cts. pkt.; 25 cts. oz.; 80 cts. ¼ lb.; \$3.00 lb.

GENERAL GRANT. Fruit large, of good quality, and ripens rapidly and thoroughly. 5 cts. pkt.; 25 cts. oz.; 80 cts. ¼ lb.; \$3.00 lb.

HATHAWAY'S EXCELSIOR. Early, of medium size, smooth, solid, of good quality. 5 cts. pkt.; 25 cts. oz.; 80 cts. ¼ lb.; \$3.00 lb.

CANADA VICTOR. One of the earliest, of medium size, very symmetrical in shape. 5 cts. pkt.; 25 cts. oz.; 80 cts. ¼ lb.; \$3.00 lb.

QUEEN. Specially recommended for canning. 10 cts. pkt.; 25 cts. oz.; 80 cts. ¼ lb.; \$3.00 lb.

Conqueror. One of the earliest varieties; fruit of good size, very uniform in shape. 10 cts. pkt.; 25 cts. oz.; 80 cts. ¼ lb.; \$3.00 lb.

Pear-Shaped Red. Used for preserving and pickling. 10 cts. pkt.; 25 cts. oz.; 80 cts. ¼ lb.

Red Cherry. A small early variety, size and shape of a cherry; for pickling. 10 cts. pkt.; 30 cts. oz.; \$1.00 ¼ lb.

Red Currant. A very small and pretty sort, grown for preserves. 10 cts. pkt.; 30 cts. oz.; \$1.00 ¼ lb.

Strawberry, or Winter Cherry. The fruit has a pleasant strawberry-like flavor. 10 cts. pkt.; 30 cts. oz.; \$1.00 ¼ lb.

THE LORILLARD. This is a forcing variety, very early and prolific, and possesses peculiar rot-resisting properties, while its extreme solidity and handsome appearance will commend it alike to shippers and market gardeners. Price, 10 cts. pkt.; 25 cts. oz.; 80 cts. ¼ lb.; \$3.00 lb.

VOLUNTEER. Of large size, very smooth, and without any hard core or centre; the color a dark rich scarlet crimson. Very early and an abundant bearer. Price, 10 cts. pkt.; 25 cts. oz.; 80 cts. ¼ lb.; \$3.00 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, 10 cts. pkt.; 25 cts. oz.; 80 cts. ¼ lb.; \$3.00 lb.

THE MIKADO. The largest early variety in cultivation and the most distinct and valuable Tomato ever introduced. 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. Single fruits of this variety frequently weigh from 1 to 1½ lbs. each. Foliage distinct from any other variety. Price, 10 cts. pkt.; 25 cts. oz.; 80 cts. ¼ lb.; \$3.00 lb.

PEACH. Very distinct; fruit of uniform size, resembling a peach in shape, size and color, which is a deep orange rose covered with a delicate bloom like a peach, the flesh being of a rich and most delicious flavor. 10 cts. pkt.; 25 cts. oz.; 80 cts. ¼ lb.; \$3.00 lb.

CARDINAL. Color brilliant cardinal red when ripe, appearing as if varnished; flesh of almost as bright a color. In shape almost round, solid, and with very few seeds. Price, 5 cts. pkt.; 25 cts. oz.; 80 cts. ¼ lb.; \$3.00 lb.

THE TROPHY. An old and popular favorite. 10 cts. pkt.; 25 cts. oz.; 80 cts. ¼ lb.; \$3.00 lb.

TROPHY, EXTRA SELECTED. Saved only from specimens of perfect form weighing from 16 to 24 ounces. 15 cts. pkt.; 40 cts. oz.; \$1.25 ¼ lb.; \$4.00 lb.

FAVORITE. One of the largest and most perfect shaped varieties. 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, 10c. pkt.; 25c. oz.; 80c. ¼ lb.; \$3.00 lb.

MAYFLOWER. Very early; shape globular, and perfectly smooth; glossy red color; ripens perfectly and evenly close up to the stem. 10 cts. pkt.; 25 cts. oz.; 80 cts. ¼ lb.; \$3.00 lb.

PERFECTION. Very early. Almost round, perfectly smooth and very solid, enormously productive. Color blood red. 10c. pkt.; 25c. oz.; 80c. ¼ lb.; \$3.00 lb.

ACME. Early, of medium size, perfectly smooth, very solid and a great bearer. Color quite distinct, being crimson, with a pinkish tinge. 15 cts. pkt.; 25 cts. oz.; 80 cts. ¼ lb.; \$3.00 lb.

OPTIMUS. Smooth bright red, uniform in size and shape; ripens evenly. 10 cts. pkt.; 25 cts. oz.; 80 cts. ¼ lb.; \$3.00 lb.

YELLOW TOMATOES.

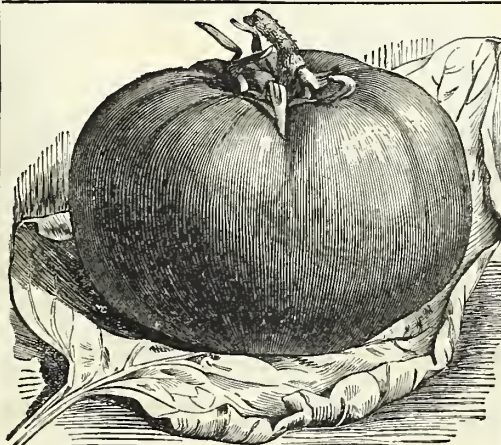
GOLDEN ROD. Form and size identical with the Trophy; color a canary yellow, sometimes streaked with red. 10 cts. pkt.; 25 cts. oz.; 80 cts. ¼ lb.; \$3.00 lb.

THE SHAH. A sport from the "Mikado," with which it is identical, except in color, which is a dark, waxy yellow. Price, 15 cts. pkt.; 40 cts. oz.; \$1.25 ¼ lb.; \$4.00 lb.

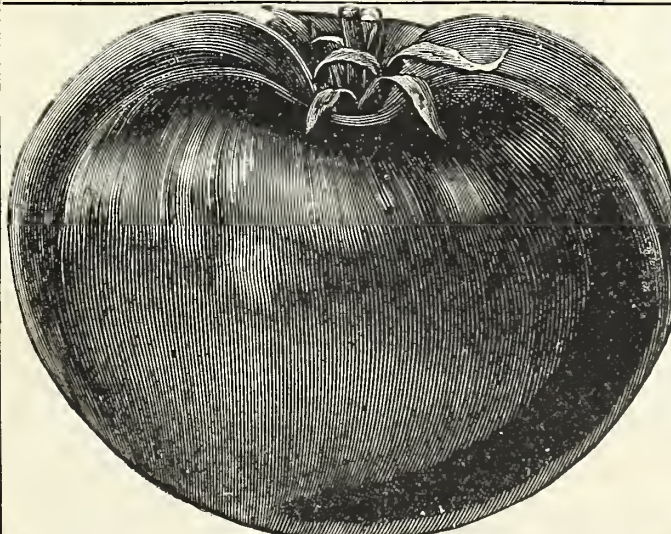
GOLDEN SUNRISE. Color pure yellow, and flavor equal to the best red sorts. 10 cts. pkt.; 25 cts. oz.; 80 cts. ¼ lb.; \$3.00 lb.

Yellow Plum. A beautiful variety, used principally for pickling and preserving. 10 cts. pkt.; 30 cts. oz.; \$1.00 ¼ lb.

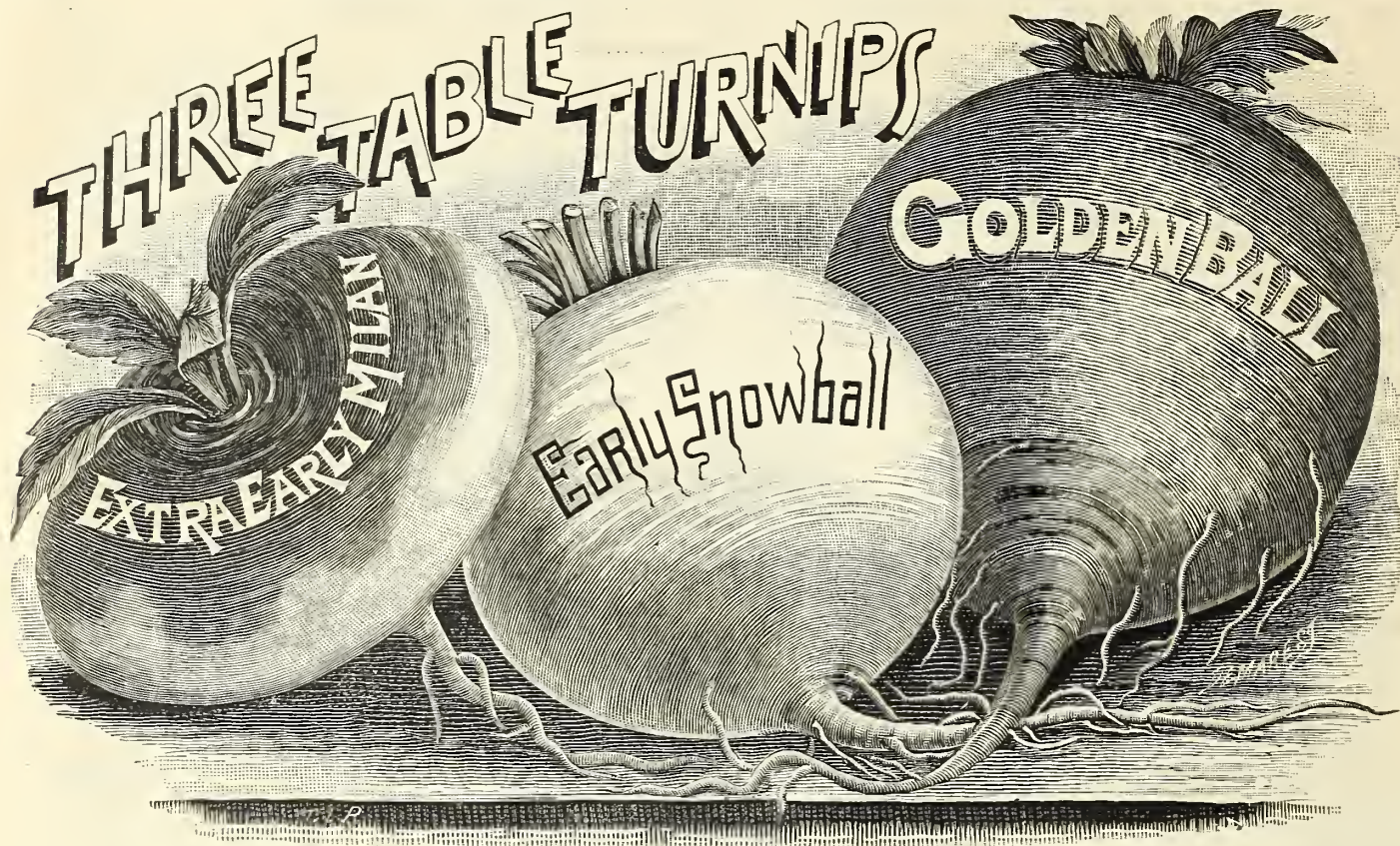
Yellow Cherry. 10 cts. pkt.; 30 cts. oz.; \$1.00 ¼ lb.
Greengage. Resembling a yellow plum in shape and color; excellent for preserving. 10 cts. pkt.; 30 cts. oz.; \$1.00 ¼ lb.



TOMATO, IGNOTUM.



NEW DWARF CHAMPION TOMATO.



TURNIP.

German, *Steckrübe*.—French, *Nave*.—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 crops. Turnips may be preserved until spring by cutting off the tops about one inch from the bulb, and storing in a cellar or cool shed during winter, covering the roots with dry sand; they should be harvested before severe frosts set in, for though comparatively hardy, few of the varieties will survive the winters of the Northern States in the open ground.

If by mail in quantities of ½ lb. and upward, postage must be added at the rate of 8 cts. 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. 5 cts. pkt.; 10 cts. oz.; 20 cts. ¼ lb.; 50 cts. lb.

EXTRA EARLY MILAN. A strap leaf variety, a week earlier than the ordinary early sorts. It retains its good qualities, and remains a long time fit for use. The bulbs are white, with a purple top, round, flattened and solid, with a very slender tap root; flesh pure white, sweet and crisp. (*See cut.*) 5 cts. pkt.; 10 cts. oz.; 25 cts. ¼ lb.; 60 cts. lb.

Early White Strap Leaf. Differs from the Red only in color. 5 cts. pkt.; 10 cts. oz.; 20 cts. ¼ lb.; 50 cts. lb.

Early Snowball. Small, solid, sweet and crisp, and also of remarkably quick growth. (*See cut.*) 5 cts. pkt.; 10 cts. oz.; 20 cts. ¼ lb.; 50 cts. 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. 5 cts. pkt.; 10 cts. oz.; 20 cts. ¼ lb.; 60 cts. lb.

POMERANIAN WHITE GLOBE. Valuable alike for the table and for stock. Not so early as the flat sorts. 5 cts. pkt.; 10 cts. oz.; 20 cts. ¼ lb.; 50 cts. lb.

Large White Norfolk. A very large growing, globe-shaped variety; flesh coarse grained and sweet; one of the best early varieties for stock, but not so desirable for table use. 5 cts. pkt.; 10 cts. oz.; 20 cts. ¼ lb.; 50 cts. 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. ¼ 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. 5 cts. pkt.; 10 cts. oz.; 20 cts. ¼ lb.; 50 cts. lb.

GOLDEN BALL. Rapid grower, excellent flavor, globe-shaped, and of a beautiful bright yellow color, a good keeper, and has no superior for table use. (*See cut.*) 5 cts. pkt.; 10 cts. oz.; 20 cts. ¼ lb.; 50 cts. lb.

YELLOW STONE. One of the best and most popular yellow fleshed varieties for table use; it is equally good for feeding stock. 5 cts. pkt.; 10 cts. oz.; 20 cts. ¼ lb.; 50 cts. 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. 5 cts. pkt.; 10 cts. oz.; 20 cts. ¼ lb.; 50 cts. lb.

Early Flat Dutch. An excellent garden variety resembling White Strap Leaf, the best variety for spring sowing. 5 cts. pkt.; 10 cts. oz.; 20 cts. ¼ lb.; 50 cts. lb.

Yellow Malta. An early variety of fine flavor. 5 cts. pkt.; 10 cts. oz.; 20 cts. ¼ lb.; 50 cts. lb.

Purple Top Yellow Aberdeen. Very hardy and productive, good keeper, globe-shaped and fine quality. 5 cts. pkt.; 10 cts. oz.; 20 cts. ¼ lb.; 50 cts. lb.

Teltow, or Small Berlin. The smallest of all Turnips; roots are spindle-shaped, and formed entirely underground. 5 cts. pkt.; 10 cts. oz.; 30 cts. ¼ lb.; 80 cts. lb.

Seven Top for Turnip Greens. 5 cts. pkt.; 10 cts. oz.; 20 cts. ¼ lb.; 50 cts. lb.

RUTA BAGA, RUSSIAN, OR SWEDISH TURNIP. *See Farm Seeds, page 50.*

TOBACCO SEED.

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

- Sterling.** This is one of the earliest and best of the yellow type. 10 cts. pkt.; 30 cts. oz.; \$1.00 1/4 lb.
- Granville County Yellow.** One of the earliest varieties and a great favorite. 10 cts. pkt.; 30 cts. oz.; \$1.00 1/4 lb.
- Tuckahoe.** New, leaf long and extra fine, possessing much body, and makes perfect wrappers. 10 cts. pkt.; 30 cts. oz.; \$1.00 1/4 lb.
- Gold Leaf.** This variety cures orange rather than lemon color, and is a first-class tobacco for either wrappers or fillers. 10 cts. pkt.; 30 cts. oz.; \$1.00 1/4 lb.
- Hester.** This new variety ripens early, and has size of leaf, shape, texture and color to recommend it; it seems to be better adapted to wide range of soil and latitude than any other yellow variety. 10 cts. pkt.; 30 cts. oz.; \$1.00 1/4 lb.
- Yellow Oronoko.** A yellow variety that has been in cultivation for over fifty years, and is still considered one of the best sorts. 10 cts. pkt.; 30 cts. oz.; \$1.00 1/4 lb.
- Hyc.** A very desirable variety of fine texture and good flavor. Cures yellow. 10 cts. pkt.; 30 cts. oz.; \$1.00 1/4 lb.
- Yellow Fryor.** A valuable yellow sort. 10 cts. pkt.; 30 cts. oz.; \$1.00 1/4 lb.
- White Stem.** 10 cts. pkt.; 30 cts. oz.; \$1.00 1/4 lb.
- Florida.** 10 cts. pkt.; 30 cts. oz.; \$1.00 1/4 lb.
- Sumatra.** 10 cts. pkt.; 30 cts. oz.; \$1.00 1/4 lb.
- Primus.** The earliest sort of all; succeeds well in Canada, and is specially adapted for planting far north. 10 cts. pkt.; 30 cts. oz.; \$1.00 1/4 lb.
- Connecticut Seed Leaf.** 10 cts. pkt.; 30 cts. oz.; \$1.00 1/4 lb.
- Imported Havana.** 10 cts. pkt.; 50 cts. oz.; \$1.50 1/4 lb.
- Virginia (Ruffled Leaf).** 10 cts. pkt.; 30 cts. oz.; \$1.00 1/4 lb.
- Kentucky.** 10 cts. pkt.; 30 cts. oz.; \$1.00 1/4 lb.
- Maryland.** 10 cts. pkt.; 30 cts. oz.; \$1.00 1/4 lb.
- Zimmar's Spanish.** The earliest and best American-Spanish, and a favorite cigar variety, increasing in demand and culture every year. 10 cts. pkt.; 50 cts. oz.; \$1.50 1/4 lb.

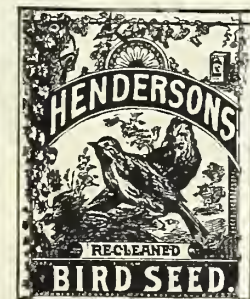
BIRD SEEDS.

If by mail, postage must be added at the rate of 8 cts. per lb., or 15 cts. per qt.

- 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. 20 cts. qt.; \$1.25 per peck; \$4.00 bush.
- Canary.** Best Sicily (*Phalaris Canariensis*). 15 cts. qt.; \$1.00 per peck; \$3.50 bush.
- Hemp** (*Cannabis Sativa*). 15 cts. qt.; \$1.00 per peck; \$3.50 bush.
- Lettuce.** 10 cts. oz.; 50 cts. lb.
- Maw** (*Papaver Rhoeas*). 30 cts. lb.
- Millet** (*Panicum Miliaceum*). 15 cts. qt.; 60 cts. per peck; \$2.00 bu.
- Rape** (*Brassica Napus*). 30 cts. qt.; \$1.25 per peck; \$4.00 bush.
- Vetches for Pigeons.** 10 cts. lb.; \$1.00 per peck; \$3.50 bush.

VEGETABLE ROOTS AND PLANTS.

CHUFAS, or EARTH ALMOND (*Cyperus esculentus*). The nuts, like tubers, grow very near the surface of the ground, where

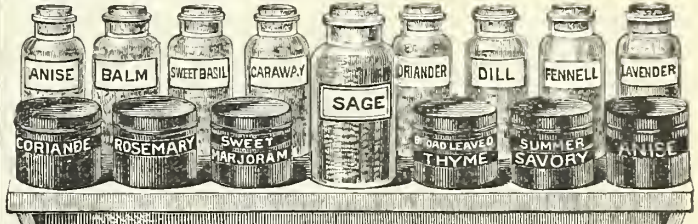


CHUFAS, OR EARTH ALMOND.

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. Plant in spring, ten to twelve inches apart, in two and one-half to three-foot rows. Cover lightly. If the seed is very dry, soak well before planting. 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 pkg., 10 cts.; pint, by mail, 35 cts. By express, per pint, 30 cts.; per peck, \$1.50; per bush., \$5.00.

Vegetable Roots and Plants.—Continued.

- Artichokes, Jerusalem.** 25c. qt.; \$1.25 peck; \$4.00 bush. 3 lbs. by Asparagus. See page 17. [mail, 75c.]
- Chives.** 25 cts. per bunch or clump.
- Globe Artichoke.** 35 cts. each; \$3.50 per doz.
- Hop.** 25 cts. each; \$2.50 per doz.
- Horse Radish.** 25 cts. doz.; 75 cts. 100; \$6.00 1,000.
- Mint.** 25 cts. each; \$2.50 per doz.
- Rhubarb.** Linnaeus. 20 cts. each; \$2.00 per doz. — St. Martin's. 50 cts. each; \$4.50 per doz.
- Sea-Kale.** 25 cts. each; \$2.50 per doz.; \$16.00 per 100.
- Tarragon.** 35 cts. each; \$3.50 per doz.



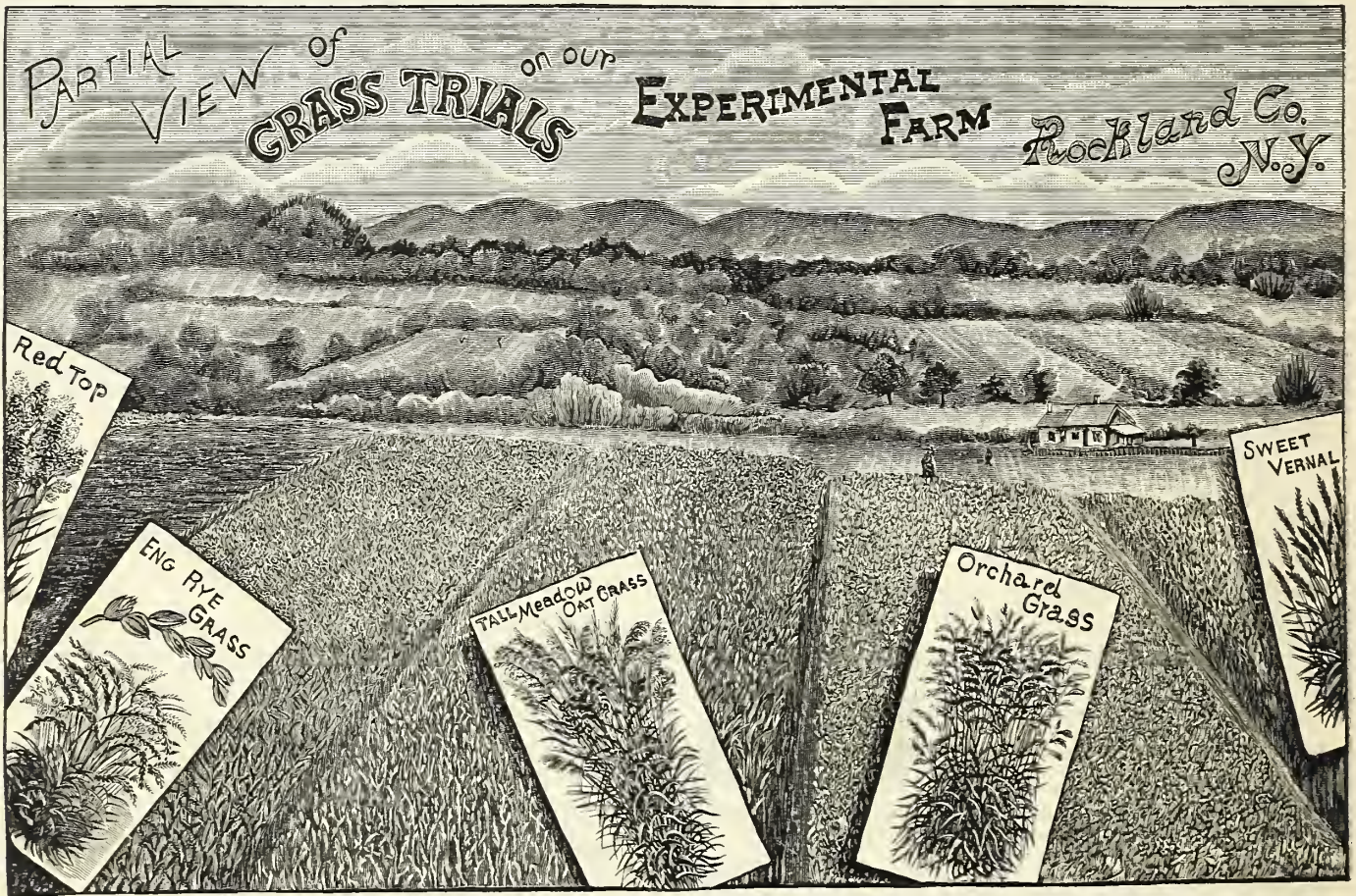
SWEET, POT and MEDICINAL HERBS.

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

- Anise** (*Pimpinella Anisum*). Cultivated principally for garnishing and seasoning, like Fennel. 5 cts. pkt.; 15 cts. oz.
- Balm** (*Melissa Officinalis*). Principally used for making balm tea or balm wine. 10 cts. pkt.; 50 cts. oz.
- Basil, Sweet** (*Ocimum Basilicum*). The leaves and tops of the shoots are used for highly seasoned dishes, soups, stews and sauces; a leaf or two is sometimes introduced into salads. 10 cts. pkt.; 40 cts. oz.
- Bene.** A medicinal herb. (*Sesamum Orientale*). 5c. pkt.; 20c. oz.
- Borage** (*Borago Officinalis*). Much used in claret and other drinks. An excellent bee plant. 5 cts. pkt.; 20 cts. oz.
- Caraway** (*Carum Carui*). The seeds are used in confectionery and medicine; in spring the under leaves are sometimes put in soups. 5 cts. pkt.; 10 cts. oz.
- Castor Oil Plant** (*Ricinus Communis*). 5 cts. pkt.; 15 cts. oz.
- Catnip.** A favorite medicinal herb. (*Nepeta Cataria*). 15c. pkt.; 60c. oz.
- Coriander** (*Coriandrum Sativum*). Used for garnishing, and the seeds are used by confectioners. 5 cts. pkt.; 15 cts. oz.
- Cumin** for seasoning. (*Cuminum Cyminum*). 5 cts. pkt.; 20 cts. oz.
- Dill** (*Anethum Graveolens*). The leaves are used in soups and sauces, and to put along with pickles. 5 cts. pkt.; 15 cts. oz.
- Ellecampane** (*Inula Helentium*). Has valuable tonic properties. 15 cts. pkt.; 60 cts. oz.
- Fennel** (*Anethum Paniculum*). The leaves boiled enter into many fish sauces, and raw form a beautiful ornament. 5c. pkt.; 15c. oz.
- Henbane.** Used as an opiate. (*Hyoscyamus Niger*). 5c. pkt.; 20c. oz.
- Hop Seed** (*Humulus Lupulus*). 25 cts. pkt.; \$1.50 oz.
- Horehound** (*Marrubium Vulgare*). Principally used for medicinal purposes. 10 cts. pkt.; 50 cts. oz.
- Hyssop** (*Hyssopus Officinalis*). The leafy tops and flowers are gathered and dried for making Hyssop Tea and other purposes. 10 cts. pkt.; 30 cts. oz.
- Lavender** (*Lavendula Spica*). A popular aromatic herb. 10 cts. pkt.; 40 cts. oz.
- Marigold, Pot** (*Calendula Officinalis*). 5 cts. pkt.; 20 cts. oz.
- Marjoram, Sweet** (*Origanum Majorana*). For seasoning. 10 cts. pkt.; 30 cts. oz.
- **Pot**, for seasoning. (*Origanum Onites*). 10 cts. pkt.; 50 cts. oz.
- Opium Poppy** (*Papaver Somniferum*). 5 cts. pkt.; 30 cts. oz.
- Rosemary** (*Rosemarinus Officinalis*). An aromatic herb. 10 cts. pkt.; 50 cts. oz.
- Rue** (*Ruta Graveolens*). Used for medicinal purposes; also given to fowl for the roup. 10 cts. pkt.; 30 cts. oz.
- Saffron** (*Carthamus Tinctorius*). 5 cts. pkt.; 15 cts. oz.
- Sage** (*Salvia Officinalis*). The leaves and tender tops are used in stuffing and sauces. 5c. pkt.; 25c. oz.; 80c. 1/4 lb.; \$3.00 lb.
- Savory, Summer** (*Satureia Hortensis*). Used for seasoning. 5 cts. pkt.; 25 cts. oz.
- Savory, Winter** (*Satureia Montana*). 10 cts. pkt.; 40 cts. oz.
- Sorrel, Broad-leaved.** Used for salads. 5 cts. pkt.; 20 cts. oz.
- Thyme, Broad-leaved** (*Thymus Vulgaris*). For seasoning, etc. 10 cts. pkt.; 40 cts. oz.; \$1.50 1/4 lb.
- Tansy** (*Tanacetum Vulgaris*). 10 cts. pkt.; 50 cts. oz.
- Wormwood** (*Artemesia Absinthium*). Used for medicinal purposes; it is also beneficial to poultry, and should be planted in poultry grounds. 10 cts. pkt.; 50 cts. oz.

Department OF FARM SEEDS

As we issue a very full and complete Catalogue of Farm Seeds this season, 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 New American Farmer's Manual**, which will be sent free on application.



◇ HENDERSON'S SPECIAL GRASS MIXTURES. ◇

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 the proper proportions, we will supply for

\$2.50 per bushel of 14 lbs. (20-bushel lots, \$2.25 per bushel).

On ordinarily 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 . .	

20-bushel lots and upwards, \$2.25 per bushel. Special quotations for large quantities.

For Temporary Pasture see next page.

TEMPORARY PASTURE.

The Grasses best adapted for this class of pasture are the following: 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, Trefoil and Timothy, blended in their proper proportions for the time specified. We recommend the following quantities per acre, which should generally be sown in the Spring:

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. (Special quotations for large acreages.)

COMPLETE LIST OF GRASSES AND CLOVERS.

Prices subject to variation.

Awnless Brome Grass. (*Bromus Inermis*.) 45 cts. lb.; \$40.00 per 100 lbs.
Anthoxanthum Puelii. An annual variety of Sweet Vernal, not so desirable, however, as the perennial. (About 10 lbs. to bush.) 40 cts. lb.; \$3.50 bush.
Bermuda. (*Cynodon Dactylon*.) \$1.50 lb.; 10 lbs., \$12.50; 100 lbs., \$100.00.
Creeping Bent Grass. (*Agrostis Stolonifera*.) Excellent for lawns, succeeds well in most situations. About two bushels to the acre. (20 lbs. to bu.) 25 cts. lb.; \$4.00 bushel.
Crested Dog's Tail. (*Cynosurus Cristatus*.) Should enter in moderate quantity in permanent pasture mixtures. (About 21 lbs. to bush.) 40 cts. lb.; \$7.50 bush.
English Rye Grass. (*Lolium Perenne*.) A valuable grass, 2½ to 3 bushels to the acre. (Bushel of 24 lbs.) \$2.50 bush. (Bushel of 26 lbs.) \$2.75 bush. (Bushel of 28 lbs.) \$3.00 bush.
Fine Leaved Sheep's Fescue. (*Festuca Ovina Tenuifolia*.) (About 14 pounds to the bushel.) 45 cts. lb.; \$5.50 bush.
Fowl Meadow Grass. (*Poa Serotina*.) Uncleaned seed. \$3.50 bush.
Hairy Flowered Paspalum. (*Paspalum Ditalatum*.) \$1.25 lb.
Hard Fescue. (*Festuca Duriviscula*.) (12 lbs. to bushel.) 25 cts. lb.; \$2.25 bush.
Hungarian Grass. (*Panicum Germanicum*.) Is a valuable annual forage plant. 1 bushel to the acre. (45 lbs. to the bushel.) \$1.75 bush.
Italian Rye Grass. (*Lolium Italicum*.) (18 lbs. to bushel.) \$2.00 bush.
Johnson Grass. (*Sorghum Halapense*.) An account of the merits of this grass will be found in our Farm Manual. 20 cts. lb.; \$1.25 peck; \$40.00 bush. of 25 lbs.
Kentucky Blue Grass. (*Poa Pratensis*.) (14 lbs. to bushel.) \$3.50 bushel. Fancy or Double extra clean. \$3.75 bushel.
Louisiana Grass. (*Paspalum Platycaule*.) Sets. 75 cts. per 100; \$6.00 per 1,000. Seed, \$2.00 per lb.; 10 lb lots, \$1.75.
Meadow Fescue. (*Festuca Pratensis*.) (22 lbs. to bushel.) 25 cts. lb.; \$5.00 bush.
Meadow Foxtail. (*Alopecurus Pratensis*.) (7 lbs. to bush.) 40 cts. lb.; \$2.50 bush.
Orchard Grass. (*Dactylis Glomerata*.) (14 lbs. to bush.) \$2.60 bush; 10 bush. lots, \$2.50.
Red or Creeping Fescue. (*Festuca Rubra*.) Suitable for sandy sea coasts and on dry soil. (About 14 lbs. to the bushel.) 25 cts. lb.; \$2.50 bushel.
Red Top Grass. (*Agrostis Vulgaris*.) (14 lbs. to bushel.) \$1.25 bushel; 10 bushel lots, \$1.15. Re-cleaned Seed. (32 lbs. to bushel.) 25 cts. lb.; \$6.00 bushel.
Rhode Island Bent Grass. (*Agrostis Canina*.) A very fine variety for lawns. About 2 bushels to the acre. (Bushel of 14 lbs.) \$3.00 bushel.
Rib Grass or Plantain. (*Plantago Lanceolata*.) Grows best in dry, poor soils. (60 lbs. to the bushel.) 30 cts. lb.
Rough Stalked Meadow Grass. (*Poa Trivialis*.) Valuable for pastures and meadows, particularly on damp soil. 1½ bushels to the acre. (About 14 lbs. to the bushel.) 45 cts. lb.
Sea Sand Grass. (*Ammophila Arundinacea*.) \$1.00 lb.
Sea Lyme Grass. (*Elymus Arenarius*.) \$1.00 lb.

Schraeder's Brome Grass. (*Bromus Schraederi*.) Recommended as a fodder plant on account of the enormous bulk of its produce. 40c. lb.; \$35.00 per 100 lbs.
Sheep's Fescue. (*Festuca Ovina*.) (12 lbs. to bushel.) 25 cts. lb.; \$2.25 bushel.
Sweet Vernal, True Perennial. (*Anthoxanthum Odoratium*.) (10 lbs. to bushel.) \$1.00 lb.; \$9.00 per bushel.
Tall Meadow Fescue. (*Festuca Elatior*.) Very early, nutritive and productive, valuable on wet or clay soils. (About 14 lbs. to the bushel) 35c. lb.; \$4.50 bu
Tall Meadow Oat Grass. (*Avena Elatior*.) Recommended for soiling, being rapid and luxuriant in its growth. 5 to 6 bushels per acre. (Bushel of 10 lbs.) 30 cts. lb.; \$2.50 bushel.
Timothy, or Herd Grass. (*Phleum Pratense*.) We offer a particularly "choice" sample. From ½ to 1 bush. per acre. (45 lbs. to bush.) \$2.50 bush. Price subject to change without notice.
Texas Blue Grass. (*Poa Arachnifera*.) 25c. per pkt.; 50c. oz.; 1.50 per ¼ lb.; \$4.50 per lb.
Texas Millet. (*Panicum Tezanum*.) 50 cts. per lb.; 10 lbs., \$4.00.
Various Leaved Fescue. (*Festuca Heterophylla*.) 30 cts. per lb.; \$3.00 bushel.
Water Meadow Grass. (*Poa Aquatica*.) Grows by the side of pools, fresh water lakes, etc. (About 14 lbs. to the bushel.) 60 cts. lb.; \$6.00 per bushel.
Wood Meadow Grass. (*Poa Nemoralis*.) Of early growth and thriving well under trees, 2 bush. to the acre. (About 14 lbs. to the bush.) 40c. lb.; \$5.00 bush.
Yellow Oat Grass, "True." (*Avena Flavescens*.) Good for dry pastures and meadows. (About 7 lbs. to the bushel.) 90 cts. lb.; \$5.50 bushel.
Alfalfa or Lucerne. (*Medicago Sativa*.) In light soils anywhere, particularly in southern latitudes, it is invaluable. 22 cts. lb.; by mail, 30 cts. lb.; 10 lbs. for \$2.00; 100 lbs., \$18.00.
Alsike or Hybrid Clover. (*Trifolium Hybridum*.) Almost equal in nutritive value to the Red or Pea Vine Clover. 25 cts. lb.; 10 lbs., \$2.40; 100 lbs., \$22.00.
Bokhara Clover. (*Melilotus Leucantha*.) Affords excellent food for bees throughout its season. 50 cts. lb.
Cow Grass, Mammoth or Pea Vine Clover. (*Trifolium pratense perenne*.) 30 cts. lb.; 10 lbs., \$2.80; 100 lbs., \$26.00.
Japan Clover. (*Lespedeza Striata*.) 40 cts. lb.; by mail, 50c.; bush. of 20 lbs., \$7.00.
Red Clover, Medium. (*Trifolium Pratense*.) Present price, 15 cts. lb.; 10 lbs., \$1.40; 100 lbs., \$12.00.
Scarlet Clover. (*Trifolium Incarnatum*.) Sow in July or August for soiling or mowing the ensuing spring. 18 cts. lb.; 10 lbs., \$1.60; 100 lbs., \$14.00.
Suckling Clover. (*Trifolium Filiforme*.) 32 cts. lb.; 10 lbs., \$3.00; 100 lbs., \$28.00.
Sainfoin. (*Onobrychis Sativa*.) 15 cts. lb.; 100 lbs., \$8.00.
Trefoil, Yellow or Hop Clover. (*Medicago Lupulina*.) An annual, suitable for sheep pasture and light soils. (60 lbs. to bu.) 20c. lb.; 10 lbs., \$1.80; 100 lbs., \$16.
White Clover. (*Trifolium Repens*.) Should be used in all mixtures for permanent pasture and for lawns. (60 lbs. to bu.) 25c. lb.; 10 lbs., \$2.30; 100 lbs., \$20.00.

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.
Hopetoun. A potato Oat (white) of great value, averaging 44 lbs. to the bushel. 75 cts. per peck; \$2.25 per bushel.
Black Tartarian. Early, productive and long strawed; the oats will weigh 40 lbs. to the bushel. 75 cts. per peck; \$2.25 bushel.
Probesteier. Very productive and heavy, and straw very strong. \$1.00 per bushel (32 lbs.)

Wheat.

Saskatchewan Fife (Spring). The best No. 1 Hard Amber extant. Unequaled for earliness, yield and vigor. \$2.25 per bushel.
Fultz (Winter). A first-class milling Wheat. \$2.25 per bushel.
Jones' Winter Fife (Novelty 1889). (Winter.) Price on application.
Early Red Clawson (Novelty 1889). (Winter.) \$2.50 per bushel.

LEADING VARIETIES OF FIELD CORN.

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

Early Butler. (*Novelty*.) The earliest yellow dent variety known. 20 cts. per qt.; 75 cts. per peck; \$2.50 per bushel.
Hickory King. 15 cts. per qt.; 60 cts. per peck; \$2.00 per bushel.
Early Mastodon. 15 cts. qt.; 60 cts. pk.; \$2.00 bushel.
Self-Husking. 15 cts. qt.; 60 cts. pk.; \$2.00 bushel.
Golden Beauty. Surpasses all in size, appearance and productiveness. 15 cts. per qt.; 60 cts. per peck; \$2.00 per bushel.

Golden Cross (Winter). \$2.25 per bushel.
Garfield (Winter). \$2.25 per bushel.
Hybrid Mediterranean (Winter). \$2.25 per bushel.
Martin's Amber (Winter). \$2.25 per bushel.

Rye.

Excelsior Winter. A variety from Vermont that yields from 40 to 50 bushels per acre. \$2.00 per bushel.
Winter. \$1.50 per bushel.
Spring. \$2.00 per bushel.

Buckwheat.

New Japanese. 20 cts per lb.; \$1.40 per bushel; 10 bushels and upwards, \$1.30.
Common. \$1.30 per bushel.

Barley.

Vermont Champion. Two-rowed, early, hardy and prolific. 75 cts. per peck; \$2.50 per bushel.
Hulless. An important acquisition to the grains of this country. 75 cts. per peck; \$2.50 per bushel.
Two-Rowed Duck Bill. 90 cts. per peck; \$3.00 per bushel.

Queen of the Prairie. In this latitude it has matured a crop in less than ninety days. 15 cts. qt.; 60 cts. peck; \$2.00 bushel.
Golden Dew Drop. Reliable for Northern planting, as it grows quickly and matures early. 15 cts. qt.; 60 cts. pk.; \$2.00 bush.
King Philip. Very early. Usually matures three months after planting. 15 cts. qt.; 60 cts. peck; \$2.00 bushel.
Leaming. Ears of good size, cob small, with deep, large grain of bright yellow. Early. 15 cts. qt.; 60 cts. peck; \$2.00 bushel.

LEADING VARIETIES OF FIELD CORN.—Continued.

Longfellow. Well adapted for Northern States. Cob small, grain large and broad. 15 cts. qt.; 60 cts. peck; \$2.00 bushel.
Mammoth White Surprise. Specially adapted to sections from Pennsylvania south. 15 cts. qt.; 60 cts. peck; \$2.00 bushel.
Compton's Early. Yellow variety. Very early and prolific. 15 cts. qt.; 60 cts. peck; \$2.00 bushel.
White Flint. Handsome ears, large and well filled. A first-class sort. 15 cts. qt.; 60 cts. peck; \$2.00 bushel.

Farmer's Favorite. Ripens very early, and hence succeeds far North. 15 cts. qt.; 60 cts. peck; \$2.00 bushel.
Chester County Mammoth. One of the largest varieties of field corn in cultivation. 15 cts. qt.; 60 cts. peck; \$2.00 bushel.
Large Yellow Flint. Very productive and of good quality. 15 cts. qt.; 60 cts. peck; \$2.00 bushel.
Sweet Fodder. \$1.50 per bushel.
Southern Horsetooth. For Fodder. \$1.25 per bushel.

ROOT CROPS FOR FARM STOCK.

MANGEL WURZEL. Sow 6 to 8 lbs. per Acre.

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

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. 15 cts. 1/4 lb.; 45 cts. lb.; in lots of 10 lbs. and upwards, 40 cts. per lb.
YELLOW OVOID. This sort is intermediate between the Long and Globe varieties. Nutritious and valuable. 15 cts. 1/4 lb.; 45 cts. lb.; in lots of 10 lbs. and upward, 40 cts. per lb.
RED GLOBE. Similar to the Yellow Globe, differing only in color. 10 cts. 1/4 lb.; 30 cts. lb.; in lots of 10 lbs. and upward, 25 cts. per lb.
GOLDEN TANKARD. Flesh bright golden yellow, and in this respect differs from all other varieties, which cut white. 15 cts. 1/4 lb.; 45 cts. lb.; in lots of 10 lbs. and upward, 40 cts. per lb.

LONG YELLOW. Differs from the Long Red only in color. 15 cts. 1/4 lb.; 45 cts. lb.; in lots of 10 lbs. and upward, 40 cts. lb.
HENDERSON'S CHAMPION YELLOW GLOBE. Smooth, globe-shaped roots, of large size and excellent quality, are the distinctive features of this variety. 15 cts. 1/4 lb.; 45 cts. lb.; in lots of 10 lbs. and upward, 40 cts. per lb.
Long Red. 10 cts. 1/4 lb.; 30 cts. lb.; in lots of 10 lbs. and upward, 25 cts. per lb.
HENDERSON'S GIANT INTERMEDIATE. Very profitable to grow. An improvement on Yellow Ovoid. 20 cts. 1/4 lb.; 60 cts. lb.; in lots of 10 lbs. and upward, 50 cts. per lb.
YELLOW GLOBE. 10 cts. 1/4 lb.; 30 cts. lb.; in lots of 10 lbs. and upward, 25 cts. per lb.

TURNIP. Sow 3 lbs. per Acre.

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

Ruta Baga, Russian or Swedish.

IMPROVED AMERICAN (Purple-Top). Very hardy and productive; flesh yellow, solid, sweet; good for stock or table use. 5 cts. pkt.; 10 cts. oz.; 20 cts. 1/4 lb.; 50 cts. lb.; 10 lbs., \$4.50.
SKIRVING'S PURPLE-TOP. A first-rate variety; grows large and a good keeper. 5 cts. pkt.; 10 cts. oz.; 20 cts. 1/4 lb.; 50 cts. lb.; 10 lbs., \$4.50.
SHAMROCK. A handsome bulb, with small top and very few leaves. 5c. pkt.; 10c. oz.; 20c. 1/4 lb.; 50c. lb.; 10 lbs., \$4.50.
LARGE WHITE FRENCH. A superior variety for table or stock; flesh firm, white and solid, rich. 5 cts. pkt.; 10 cts. oz.; 20 cts. 1/4 lb.; 50 cts. lb.; 10 lbs., \$4.50.
LARGE YELLOW FRENCH. Similar to the white, except as to color. 5c. pkt.; 10c. oz.; 20c. 1/4 lb.; 50c. lb.; 10 lbs., \$4.50.
LAING'S IMPROVED. One of the earliest; forms a handsome bulb of good quality; keeps well; good for table use. 5 cts. pkt.; 10 cts. oz.; 20 cts. 1/4 lb.; 50 cts. lb.; 10 lbs., \$4.50.

RUTA BAGA—Continued.

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. 5c. pkt.; 10c. oz.; 25c. 1/4 lb.; 60c. lb.

Yellow Fleshed.

(For descriptions of these see page 46.)

Aberdeen Purple-Top Yellow. 50 cts. lb.; 10 lbs., \$4.50.
Golden Ball. (See cut, page 46.) 50 cts. lb.; 10 lbs., \$4.50.
Yellow Globe. 50 cts. lb.; 10 lbs., \$4.50.
Imp. Yellow Stone. 50 cts. lb.; 10 lbs., \$4.50.

White Fleshed.

Purple Top White Globe. 50 cts. lb.; 10 lbs., \$4.50.
Pomeranian White Globe. 50 cts. lb.; 10 lbs., \$4.50.
Large White Norfolk. 50 cts. lb.; 10 lbs., \$4.50.
Long White or Cow Horn. 50 cts. lb.; 10 lbs., \$4.50.

SUGAR BEET.

Sow 6 to 8 lbs. per Acre.

WHITE. A large variety, extensively grown for feeding. 15 cts. 1/4 lb.; 40 cts. lb.; in lots of 10 lbs. and upward, 35c. lb.
VILMORIN'S IMPROVED WHITE. Has more saccharine matter than any other. 20 cts. 1/4 lb.; 60 cts. lb.; in lots of 10 lbs. and upward, 55 cts. per lb.
LANE'S IMPERIAL. 15 cts. 1/4 lb.; 40 cts. lb.; in lots of 10 lbs. and upward, 35 cts. per lb.

CARROT.

Sow 5 lbs. per Acre.

(For description of varieties see page 25.)

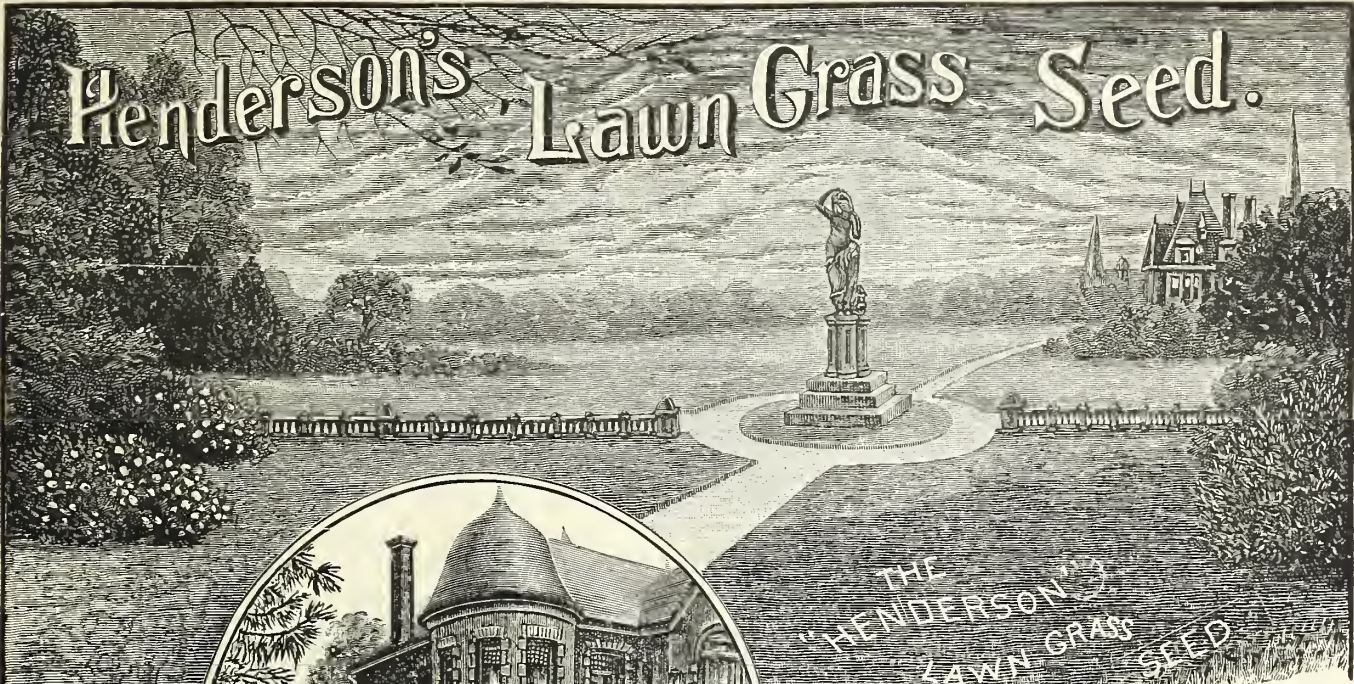
Improved Long Orange.....	\$0.80 per lb.
Danvers.....	.90 "
White Belgian.....	.75 "
Yellow Belgian.....	.75 "
Altringham.....	1.00 "

MISCELLANEOUS AND SUNDRY SEEDS FOR THE FARM.

MILLET, Common (Panicum Miliaceum). \$1.25 per bushel.
German or Golden (Panicum Miliaceum aureum). \$2.00 bushel.
Hungarian (Panicum Germanicum). \$1.75 per bushel.
Pearl (Pennisetum spicatum). 20 cts. lb.; \$15 per 100 lbs.
SORGHUM, EARLY AMBER SUGAR CANE. Its distinctive features are its earliness and great yield of both sugar and syrup. Culture the same as for Corn. 20 cts. qt.; \$3.00 bushel. If by mail add 15 cts. per qt. for postage.
EARLY ORANGE SUGAR CANE. A little later than the Amber. It does not succeed well north of latitude 43 degrees. 20 cts. qt.; \$3.00 bushel. If by mail add 15 cts. per qt. for postage.
KAFFIR CORN. 20 cts. lb.; if by mail, 30 cts.; \$15 per 100 lbs.
RURAL BRANCHING DOURA (Millo Maize). Price, 35 cts. lb.; 1 lb. by mail for 45 cts.; 4 lbs. required to plant an acre.
EGYPTIAN RICE CORN. 12 cts. lb.; \$10.00 per 100 lbs.
YELLOW BRANCHING. 35 cts. lb.; 1 lb. by mail, 45 cts.; 4 lbs. required to plant an acre.
HALAPENSE (Johnson Grass). (See Grasses.) 20 cts. lb.; by mail, 30 cts.; \$1.25 per peck; \$4.00 bushel of 25 lbs.
Artichoke, Jerusalem. 25 cts. qt.; \$4.00 bushel.
Bean, Boston Small Pea. \$1.50 peck; \$5.00 bushel.
Burlingame Medium. \$1.50 peck; \$5.00 bushel.
Improved Red Kidney. \$1.50 peck; \$5.00 bushel.
Soja, or Japan. 20 cts. lb.; \$6.00 bushel.
White Marrowfat, or Navy. \$1.75 peck; \$5.50 bushel.
Cabbage, Champion Ox. \$1.50 lb.
Kale, Thousand Headed. \$1.00 lb.

Rape, English. 25 cts. lb.; \$5.00 per bushel.
Yarrow, or Milfoil. \$1.50 lb.
Broom Corn, Evergreen. 20 cts. qt.; by mail, 35 cts.; \$3.00 bushel.
Chicory (for coffee). 15 cts. oz.; \$1.00 lb.
Cotton, Sea Island. 20 cts. lb.; by mail, 30 cts.
Flax Seed. 25 cts. qt.; by mail, 40 cts.; \$4.00 bushel.
Opium Poppy. 30 cts. oz.; \$2.00 lb.
Canada Field Peas. White, 75 cts. peck; \$2.00 bushel.
Canada Field Peas. Blue, stronger growing, and very prolific. 75 cts. peck; \$2.00 bushel.
Cow Peas. \$3.00 per bushel.
RAMIE (Bohmeria or Urtica). This plant produces the fibre which the Orientals make into a delicate fabric known as Chinese Grass Cloth.
Bohmeria Nivea (Silvery Ramie). \$1.00 oz.
Spring Vetches. 15 cts. qt.; by mail, 30 cts.; \$3.00 per bushel.
Sunflower, Large Russian. 15 cts. qt.; by mail, 25 cts.; \$2.50 per bushel.
Osage Orange. 50 cts. lb.; by mail, 60 cts.; \$7.00 per bushel.
Celery Seed. For flavoring. 30 cts. per lb.
Honey Locust. 50 cts. lb.
Yellow Locust. 60 cts. lb.
Teosinte (Reana luxurians). \$1.75 lb.; 10 lbs., \$15.00.
Serradella. 30 cts. lb.; by mail, 40 cts.
Fenugreek. 50 cts. lb.
Lupins of Sorts. 25 cts. lb.; \$1.75 per peck.
WILD RICE (Zizania Aquatica). Much sought after, owing to its having attractions for water fowl. 35 cts. per lb.; if by mail, 45 cts. per lb.; per 100 lbs., \$30.00.

Henderson's Lawn Grass Seed.



THE HENDERSON'S
LAWN GRASS SEED

"The Henderson" Lawn-Grass-Seed

Weighs from 20 to 21 lbs. per measured bushel.

Other Lawn Mixtures do not average over 14 lbs. to the bushel.

The Purest, Cleanest and Heaviest Lawn Grass Seed Ever Offered!

THAT the "Henderson" is the finest mixture of Lawn Grass Seed 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 **unequaled**. 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: 25 cts. per quart; \$1.50 per peck; \$5.00 per bushel. (If by mail, add at the rate of 5 cts. per quart for postage.)

PETER HENDERSON & Co.,

GENTLEMEN:—The lawn seeds which we bought from your house in 1889-90 have turned out splendidly. The lawns at "Norwood Park" cannot be excelled. I mean to sow 40 acres the coming spring with the same combination.

Very truly yours,

NORWOOD PARK, N. J., Nov. 1st, 1890.

NORMAN L. MUNRO.

Henderson's
TERRACE
SOD
MIXTURE.

A special mixture of grasses of varieties best suited for sowing on terraces, railroad embankments and side hills. For this purpose it is necessary to use grasses that will withstand drought and exposure and thrive well on shallow soils. Our combination of grasses for the purpose will be found unequalled—grasses that produce strong, spreading roots, thus preventing heavy rains from washing them out after they become established, and at the same time produce a rich velvety green turf throughout the season.

Sow at the rate of 1 quart for a plot 15x20 feet (equal to 300 sq. ft.) or 4 to 5 bushels per acre.

PRICE:

35 cts. per quart; \$2.00 per peck; \$7.00 per bushel; if desired by mail, add at the rate of 5 cts. per quart for postage.

THE HENDERSON LAWN ENRICHER.

A clean, portable and convenient lawn dressing, for New or Old Lawns, which we have found to be never failing in inducing a rapid and rich green growth. It should be sown broadcast in the spring or fall, though it can be put on during the summer without injury or danger of burning the grass, and a remarkable improvement will soon be observed. The quantity required per acre varies according to the condition of the lawn from 1,000 to 1,500 lbs.; for a plot 15x20 feet or 300 square feet a 10-lb. package will be sufficient.

Price: 5-lb. package, 30 cts.; 10-lb. package, 50 cts.; 25-lb. bag, \$1.00; 50-lb. bag, \$2.00; 100-lb. bag, \$4.00; per ton of 2,000 lbs., \$70.00.



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

TREE SEEDS



Deciduous and Evergreen,
Ornamental,
Shade, Forest, Hedge
and Fruit
Tree and Shrub Seeds.

THERE is nothing that increases the value and enhances the beauty of our country more than patches of woodlands, roadsides and streets bordered with trees, and parks and lawns dotted with them. In the list of varieties following, we have given only the best of each class to select from, for either ornamental, shade, forest or hedge purposes. WE GIVE COMPLETE DIRECTIONS for growing trees from seeds on each package.

DECIDUOUS TREES.

Ailanthus Glandulosa (Tree of Heaven).—Large, tropical-looking tree, of remarkably rapid growth; succeeding everywhere. It is largely grown for streets and parks; the wood is fine grained, hard and very useful for cabinet work, etc. 10 cts. pkt.; 25 cts. oz.; \$1.50 lb.

Ash, White (*Fraxinus Americana*).—A large, handsome shade and ornamental tree, of rapid growth. Its timber is very valuable, being tough and hard. 10 cts. pkt.; 20 cts. oz.; 75 cts. lb.

Ash, American Mountain (*Pyrus sorbus Americana*).—A handsome ornamental tree, 20 to 30 feet high. Fruits in large clusters of bright scarlet, remaining on the tree until winter. 10 cts. pkt.; 20 cts. oz.; 75 cts. lb.

Basswood, or American Linden (*Tilia Americana*).—A handsome, large tree, 60 to 80 feet high. Wood white and soft, and much used for inside work. 10 cts. pkt.; 20 cts. oz.; \$2.00 lb.

Beech, American (*Fagus ferruginea*).—A noble forest and shade tree, of graceful habit. Wood hard and excellent for many mechanical purposes. 10 cts. pkt.; 15 cts. oz.; \$1.00 lb.

Beech, Purple-leaved (*Fagus sylvatica atropurpurea*).—A medium sized tree, of beautiful pyramidal form. A dark, rich colored foliage. A choice ornamental tree. 10 cts. pkt.; 20 cts. oz.; \$1.75 lb.

Buckeye, Red (*Esculus (Pavia) coccinea*).—A handsome ornamental shrub, with bright red flowers in long, erect racemes. 50 cts. ¼ lb.; \$1.75 lb.

Buckeye, Yellow or Sweet (*Esculus (Pavia) flava*).—A fine ornamental tree, with bright yellow flowers in thick clusters. In favorable soils it attains a height of 60 to 70 feet, and grows in handsome, globular proportions. 15c. ¼ lb.; 50c. lb.

Butternut (*Juglans cinerea*).—A moderate growing, broad beaded tree, sometimes 60 feet high. The wood moderately hard, and very useful for cabinet work, etc. Nuts large and edible. 20 cts. qt.; \$1.50 peck; \$4.00 bush.

Birch, Black or Sweet; also called **Mahogany and Cherry Birch** (*Betula lenta*).—A large, rapid growing tree, very valuable for moist soils and cold climates. Bark very aromatic; wood fine grained and excellent for many purposes. 10 cts. pkt.; 25 cts. oz.; \$2.50 lb.

Birch, Yellow (*Betula lutea*).—The largest deciduous tree found north of the Great Lakes. A valuable forest and timber tree. Bark golden yellow. 10 cts. pkt.; 25 cts. oz.; \$2.00 lb.

Birch, Paper or Canoe (*Betula papyracea*).—A large, rapid growing tree, with brilliant white bark. Effective for landscapes. Wood hard, extensively used for manufacturing purposes, and excellent fuel. 15 cts. pkt.; 30 cts. oz.; \$3.00 lb.

Blue Gum, or Fever and Ague Tree (*Eucalyptus globulus*).—Famous for its rapidity of growth. A valuable tree for the extreme south. 10c. pkt.; 50c. oz.; \$6.00 lb.

Cercidophyllum Japonicum.—A rare and beautiful tree from Japan; stately, though slender. Quite hardy; leaves purplish, turning with age to bright, glossy green. 25 cts. pkt.; \$2.50 oz.

Chestnut, American Sweet (*Castanea vesca Americana*).—One of our most valuable and beautiful forest and ornamental trees, growing rapidly to a very large size. Wood much used for ties, rails, beams, etc. Delicious edible nuts. 30 cts. qt.; \$2.00 pk.

Chestnut, Japan (*Castanea Japonica*).—A new and rare dwarf variety of great merit. Nuts as large as the Spanish, and in quality equal to our native variety; will fruit in five years from seed; perfectly hardy. 35 cts. ¼ lb.; \$1.00 lb.

Cherry, Wild Black (*Prunus serotina*).—A large tree, 60 feet and over. One of the most valuable native woods for cabinet work, almost equal to black walnut. A rapid, upright grower. 10 cts. pkt.; 20 cts. oz.; \$1.25 lb.

China Tree, or Pride of India (*Melia azedarach*).—A handsome, rapid growing tree, about 40 feet in height. A great favorite in the South for a shade tree; not hardy north of Virginia. The flowers are borne in large clusters and are very fragrant. 10 cts. pkt.; 20 cts. oz.; \$1.25 lb.

Catalpa, or Indian Bean (*Catalpa bignonioides*).—A handsome shade and ornamental tree of tropical appearance. Foliage large and luxuriant. Flowers borne in large panicles late in the spring. In favorable locations it attains a height of 60 feet or more; it is a very rapid grower. 10 cts. pkt.; 20 cts. oz.; \$1.50 lb.

Catalpa, Hardy Western (*Catalpa speciosa*).—Similar to the above, and considered by some superior. It grows upright and symmetrical; is very hardy, and has been tested up to 40 degrees north latitude. Wood very durable. A valuable tree for the West. 10 cts. pkt.; 20 cts. oz.; \$1.50 lb.

Cucumber Tree (*Magnolia acuminata*).—A handsome, erect tree of rapid growth; height, 60 to 70 feet. Leaves very large; wood rather soft, but durable and much used for bowls, etc. 10 cts. pkt.; 25 cts. oz.; \$2.50 lb.

Dogwood, White Flowering (*Cornus florida*).—A beautiful, small tree; foliage of firm, rich texture, and in the fall colors crimson. Large white flowers in early spring. 10 cts. pkt.; 25 cts. oz.; \$1.75 lb.

Elm, American (*Ulmus Americana*).—A very large tree, with wide spreading head, and long, slender, drooping branches. Wood very tough, and used for hubs and similar purposes. 10 cts. pkt.; 25 cts. oz.; \$2.50 lb.

Hickory, Shellbark or Shagbark (*Carya alba*).—A large and noble forest and ornamental tree. Wood heavy, tough and valued for implements and other purposes. Nuts thin shelled and highly prized. 35 cts. qt.; \$1.50 pk.; \$4.00 bus.

Holly, American (*Ilex opaca*).—Beautiful broad leaved evergreen trees, much prized for Christmas decorations on account of the glossy green leaves and scarlet berries. Height, 20 to 40 feet. 10 cts. pkt.; 25 cts. oz.; \$2.00 lb.

Horn Beam, American Hop, Iron Wood or Lever Wood (*Ostrya Virginica*).—A handsome, straight ornamental tree, 30 to 40 feet high, with a light, graceful spray. Wood valuable, heavy, compact and fine grained; used for mallets, mauls, etc. 15 cts. pkt.; 30 cts. oz.; \$3.00 lb.

Horse Chestnut (*Esculus hippocastanum*).—A grand ornamental and street tree, hardy in most of our Northern States. Foliage luxuriant; flowers produced in large trusses, white spotted with purple. 15 cts. ¼ lb.; 35 cts. lb.

Horse Chestnut, Red Flowered (*Esculus rubicunda*).—A handsome and showy ornamental tree 30 feet or more high; close, compact form. Flowers bright rosy red, in large panicles. 30 cts. ¼ lb.; \$1.00 lb.

Kentucky Coffee Tree (*Gymnocladus Canadensis*).—A large, noble ornamental and shade tree, of rapid growth. A desirable park tree. Height, 60 to 80 feet. 10 cts. pkt.; 20 cts. oz.; 80 cts. lb.

Larch, European or Tyrolese (*Larix Europaea*).—The great timber tree of Europe. Hardy, of rapid growth, very durable, and desirable as an ornamental tree. Compact, conical shape; light green foliage. 10 cts. pkt.; 20 cts. oz.; \$1.00 lb.

Locust, Honey (*Gleditsia triacanthus*).—A large, handsome ornamental tree. Wood hard, heavy and useful for many purposes. Valuable for hedges, the branches being covered with stiff, sharp thorns. 10 cts. pkt.; 15 cts. oz.; 50 cts. lb.

Locust, Yellow (*Robinia pseudo-acacia*).—A medium sized tree, growing rapidly; soft, graceful foliage; abundant racemes of fragrant white, pea-blossom flowers. Wood hard and almost indestructible. 10 cts. pkt.; 15 cts. oz.; 30 cts. lb.

Maiden Hair or Ginkgo Tree (*Salsburia adiantifolia*).—A handsome tree of large size, sometimes 100 feet high. Leaves fan-shaped, very broad and bright colored; very unique and ornamental. 10 cts. pkt.; 20 cts. oz.; \$1.35 lb.

Maple, Sugar, Rock or Hard (*Acer saccharinum*).—A rapid growing ornamental and shade tree of elegant pyramidal form; height, 80 to 90 feet; a great favorite for street planting. The fall color of the foliage is magnificent. Maple sugar is made from its sap. Wood close grained and valuable. 10 cts. pkt.; 20 cts. oz.; 75 cts. lb.

Maple, Sycamore (*Acer Pseudo-platanus*).—A vigorous, rapid growing tree, with rather coarse, spreading branches. Height sometimes 100 feet. Wood hard and close grained. A good tree for the seashore. 10 cts. pkt.; 20 cts. oz.; 85 cts. lb.

Maple, Norway (*Acer platanoides*).—A large, round-headed, majestic tree, of moderate growth when young, but valuable for forest and shade. 10 cts. pkt.; 20 cts. oz.; 85 cts. lb.

Mulberry, Red (*Morus rubra*).—Generally small, but sometimes attains a height of 60 feet. Wood heavy, durable and valuable for many purposes. Fruit large, dark reddish purple. 10 cts. pkt.; 25 cts. oz.; \$2.50 lb.

Mulberry, White (*Morus alba*).—A small, slender tree of rapid growth. Fruit pinkish white. Foliage large and succulent. The best variety for feeding silk worms. 10 cts. pkt.; 25 cts. oz.; \$2.50 lb.

Mulberry, Russian (*Morus tartarica*).—A rapid growing tree, thriving on the dry soils of the Western prairies. 15 cts. pkt.; 30 cts. oz.; \$3.00 lb.

Magnolia Grandiflora.—Massive foliage, large, white, fragrant flowers. 10 cts. pkt.; 25 cts. oz.; \$2.00 lb.

Magnolia Hypoleuca.—A new variety of great beauty. Leaves long and purple tinted, with red midrib and leaf stem. Creamy white fragrant flowers in June. 15 cts. pkt.; 30 cts. oz.; \$3.00 lb.

Magnolia Campbelli.—A new, rare crimson and white flowered variety of great beauty. 50 cts. pkt.; \$3.00 per hundred seeds.

Magnolia Conspicua, Yulan or Chinese White.—A beautiful variety, covered in May with snow-white, lily-like flowers. 20 cts. pkt.; \$1.00 per hundred seeds.

Magnolia Soulangeana. The largest of the Chinese varieties, large white flowers, with purple at the base of the petals. 20 cts. pkt.; \$1.00 oz.

Oak, White (*Quercus alba*).—A noble, majestic variety, 60 to 80 feet high. Wood light colored and valuable. 35 cts. qt.; \$2.00 pk.; \$6.00 per bu.

Oak, Scarlet (*Quercus coccinea*).—A handsome tree, leaves turning bright scarlet in the autumn. Wood white and moderately coarse grained. 35 cts. qt.; \$2.00 pk.; \$6.00 bus.

Deciduous Trees—Continued.

Oak, Pin or Swamp (*Quercus palustris*).—Of handsome, tall, pyramidal form, and light, elegant foliage. A splendid ornamental tree. Wood rather coarse grained. 35 cts. qt.; \$2.00 pk.; \$6.00 bu.

Persimmon, Japan (*Diospyros Kaki*).—An excellent ornamental tree. Leaves large and leathery; large, golden fruit, not astringent, hangs on the tree after the leaves are fallen; striking and beautiful. Not hardy north of Richmond, Va. 10 cts. pkt.; 25 cts. oz.; \$1.75 lb.

Pecan Nut (*Carya oliviformis*).—Attains a large size, particularly in the bottom lands of the South-west. It is not adapted to a northern climate. Wood similar to the Hickory, and very valuable. Nuts large, edible and thin shelled. 25 cts. lb.

Paulownia Imperialis or Empress Tree.—A noble Japanese and popular ornamental tree; large tropical foliage, and handsome fragrant flowers. A rapid grower, height 20 to 30 feet; wide spreading head. Hardy except in latitude of Boston, where the flower buds are sometimes killed. 10 cts. pkt.; 20 cts. oz.; \$1.50 lb.

Sweet Gum, Bilsted or Alligator Tree (*Liquidambar styraciflua*).—One of our most noble forest and ornamental trees, of rapid growth and beautiful pyramidal form. Height 60 to 80 feet. 15 cts. pkt.; 50 cts. oz.; \$5.00 lb.

Silver Bell, or Four-winged Snowdrop (*Halesia tetraptera*).—A medium size tree, producing in early spring large clusters of beautiful, pure white, bell-shaped flowers. 10 cts. pkt.; 25 cts. oz.; \$2.50 lb.

Sycamore, or Oriental Plane (*Platanus orientalis*).—A rapid growing tree, 75 to 100 feet high, considered superior to our native Buttonwood, being of more graceful habit and better for street planting. 10 cts. pkt.; 25 cts. oz.; \$1.00 lb.

Tulip Tree, White Wood or Canoe Wood (*Liriodendron tulipifera*).—A fine, large, ornamental and forest tree of tall, pyramidal form, often 140 feet high. Grows rapidly, clean and straight. Wood light and much used for interior work. 10 cts. pkt.; 20 cts. oz.; \$1.00 lb.

Walnut, Black (*Juglans nigra*).—A valuable tree of erect and noble habit, and round, spreading form. 60 to 90 feet high. The great value of its rich, dark colored wood is well known. Nuts large and edible. 20 cts. qt.; \$1.50 pk.; \$4.00 bu.

Walnut, English or Madeira (*Juglans regia*).—A noble, vigorous tree, strong, spreading branches, thick foliage. Wood valuable, nuts large and edible. 50 cts. lb.

Willow, Golden (*Salix vitellina*).—Bright golden branches of striking effect. Good for baskets and tying. 10 cts. pkt.; 25 cts. oz.; \$2.00 lb.

Willow, White (*Salix alba*).—A rapid growing, attractive and useful tree. 10 cts. pkt.; 25 cts. oz.; \$1.75 lb.

Yellow Wood (*Cladrastis tinctoria* or *Virgilia lutea*).—A beautiful tree, growing tall and straight, with a broad, round head. The trunk is polished and elegant. Wood light yellow, very hard, and desirable for many purposes. The flowers are like pea-blossoms, white and fragrant, covering the tree in June with long pendulous racemes of great beauty. 25 cts. pkt.; 80 cts. oz.; \$8.00 lb.

ORNAMENTAL SHRUBS AND HEDGE PLANTS.

Asiatic Bladder Nut (*Staphylea colchica*).—One of our finest early flowering shrubs. Flowers in clusters, white and fragrant. 15 cts. pkt.; 40 cts. oz.; \$4.00 lb.

Berberis, Common or European (*Berberis vulgaris*).—A handsome shrub; yellow flowers in drooping racemes in May and June, followed in the fall by orange-scarlet fruit. 10 cts. pkt.; 15 cts. oz.; \$1.00 lb.

Berberis, Purple Leaved (*Berberis vulgaris atropurpurea*).—Similar to the above, with violet colored foliage and fruit; very rich and effective. 15 cts. pkt.; 25 cts. oz.; \$2.00 lb.

Bitter Sweet (*Celastrus scandens*).—A hardy native climber, leaves turning bright yellow in the fall, with clusters of orange colored fruit. 10 cts. pkt.; 20 cts. oz.; \$1.75 lb.

Honeysuckle, Japan (*Lonicera brachycola*).—A vigorous climber; flowers yellowish white in June. 10 cts. pkt.; 40 cts. oz.; \$4.00 lb.

Honeysuckle, Chinese (*Lonicera sinensis*).—A well known vine; dark green foliage; flowers in July and September, very fragrant. 20 cts. pkt.; \$1.00 oz.

Laburnum or Golden Chain (*Cytisus Laburnum*).—A very ornamental, moderate sized tree, with long, drooping, showy yellow flowers. 10 cts. pkt.; 20 cts. oz.; \$1.25 lb.

Lilac, Purple (*Syringa vulgaris*).—Our common variety; one of the very best. Flowers and young foliage fragrant. 10 cts. pkt.; 25 cts. oz.; \$2.00 lb.

Lilac, White (*Syringa vulgaris alba*).—One of the best white varieties. 10 cts. pkt.; 25 cts. oz.; \$2.00 lb.

Meadow Sweet, Japan (*Spirea callosa*).—A medium sized shrub. Pink flowers in June. 15 cts. pkt.; 50 cts. oz.; \$5.00 lb.

Osage Orange (*Machaera aurantiaca*).—A coarse growing shrub, and very thorny. Largely used for hedges and is a fine lawn plant. 10 cts. oz.; 50 cts. qt.; \$2.00 pk.; \$7.00 bu.

Privet, California or Japan (*Ligustrum ovalifolium*).—A strong growing shrub, pyramidal in form, and nearly evergreen. Stands severe pruning. One of our best hedge and ornamental plants. White flowers in June. 15 cts. pkt.; 25 cts. oz.; \$2.50 lb.

Rose Seeds. See Pages 88 and 58.

Strawberry Scented Shrub (*Calycanthus floridus*).—A handsome hardy shrub, growing 4 to 6 feet high, with deliciously strawberry scented, maroon colored flowers. 10 cts. pkt.; 20 cts. oz.; \$2.00 lb.

Styrax, Japan (*Styrax Japonica*).—A low growing shrub, with Dogwood-like leaves; branches very picturesque; flowers white, bell-like, hanging under the branches on long stems. 15 cts. pkt.; 30 cts. oz.; \$3.00 lb.

Syringo or Mock Orange (*Philadelphus coronarius*).—A strong growing shrub, with pure white fragrant flowers in June. Clean seed. 25 cts. pkt.; \$1.00 oz.

Tamarisk (*Tamarix gallica*).—A strong slender growing shrub, with feathery foliage, and small, fringed, delicate pink flowers. 25 cts. pkt.; 75 cts. oz.; \$9.00 lb.

White Fringe (*Chionanthus Virginica*).—A medium sized, choice lawn shrub, with pure white, long feathery or lace-like flowers in June. 15 cts. pkt.; 50 cts. oz.; \$5.00 lb.

Weigelia, Rose Colored (*Weigelia rosea*).—A vigorous June blooming shrub, with fine rose colored flowers. 25 cts. pkt.; \$1.50 oz.

Rhododendron, Mixed.—Handsome, hardy shrubs: rich feathery evergreen foliage and large heads of gorgeous flowers. 25 cts. pkt.

EVERGREEN TREES.

Arbor Vitæ, American (*Thuja occidentalis*).—A small tree, about 30 feet high; popular for hedges, screens, etc. 10 cts. pkt.; 30 cts. oz.; \$2.75 lb.

Arbor Vitæ, Siberian (*Thuja Siberica*).—More compact and of deeper color than the American. Splendid for hedges. 15 cts. pkt.; 60 cts. oz.; \$6.00 lb.

Arbor Vitæ, Japanese Plumed (*Retinospora plumosa*).—A Japan variety, hardy and graceful, with delicate silvery foliage. 25 cts. pkt.; \$2.00 oz.

Arbor Vitæ, Japanese Golden Plumed (*Retinospora plumosa aurea*).—Beautiful, golden tinted foliage, unsurpassed for massing or hedges. 35 cts. pkt.; \$2.50 oz.

Cedar, Deodar or Indian (*Cedrus deodara*).—A noble and beautiful evergreen of pyramidal form. Foliage silvery green, graceful and drooping. Not hardy north of Philadelphia. 15 cts. pkt.; 40 cts. oz.; \$4.00 lb.

Cedar, Red (*Juniperus Virginiana*).—A valuable forest and ornamental tree, varies in height from 30 to 60 feet. Wood hard, reddish and durable, and valuable for posts, cabinet work, pencils, etc. 10 cts. pkt.; 15 cts. oz.; \$1.00 lb.

Cedar, White (*Chamaecyparis Thuoides*).—A well known large growing tree, 40 to 80 feet high. Wood light, fine grained and durable. 15 cts. pkt.; 50 cts. oz.; \$5.00 lb.

California Redwood (*Sequoia sempervirens*).—A valuable tree in California, where it grows from 200 to 300 feet high. Wood handsome and durable. Succeeds south of Virginia. 15 cts. pkt.; 40 cts. oz.; \$4.00 lb.

California Giant Tree (*Sequoia gigantea*).—A famous tree; attains a height of 200 to 300 feet. Not hardy north of Virginia. 25 cts. pkt.; \$1.00 oz.

Cypress, Southern or Bald (*Taxodium distichum*).—Well known in the South, although it thrives in the Northern States. Growth rapid; foliage delicate and feathery; one of the best lawn trees. Wood used for shingles, ties, etc. 10 cts. pkt.; 25 cts. oz.; \$2.50 lb.

Fir, Japan Silver (*Abies firma*).—The most vigorous and hardy of the silver Firs. Compact and pyramidal in form. Foliage large, flat, and deep green underneath. 25 cts. pkt.; 50 cts. oz.; \$5.00 lb.

Fir, Fraser's, or Southern Balsam (*Abies Fraseri*).—A handsome, moderate sized, pyramidal tree of rich, permanent beauty. Foliage dark green, silvery below. 30 to 40 feet high. 15 cts. pkt.; 50 cts. oz.; \$5.00 lb.

Fir, Silver Cephalonian (*Abies Cephalonica*).—A beautiful species from the mountains of Greece. A free grower, quite hardy, leaves silvery and dagger-shaped. 15 cts. pkt.; 35 cts. oz.; \$3.00 lb.

Fir, Nordman's (*Abies Nordmanniana*).—Handsome, hardy and highly prized. Massive, dark foliage, silvery below. The contrast between the old and new growth is charming. 15 cts. pkt.; 35 cts. oz.; \$3.00 lb.

Fir, Pinsapo or Spanish (*Picea (Abies) pinsapo*).—Remarkably handsome and picturesque. From the mountains of Spain; leaves borne in whorls. 15 cts. pkt.; 40 cts. oz.; \$4.00 lb.

Henlock (*Thuja (Abies) Canadensis*).—A fine lawn and forest tree of pyramidal form, with light, spreading foliage. Height nearly 100 feet. Wood coarse but valuable for many purposes. Bark used for tanning. 15 cts. pkt.; 40 cts. oz.; \$4.00 lb.

Juniper, Irish (*Juniperus communis Hibernicus*).—A close, upright growing tree, with silvery foliage. Handsome for columnar effects in landscapes. 10 cts. pkt.; 15 cts. oz.; 60 cts. lb.

Pine, Yellow, Georgia or Long-Leaved Southern (*Pinus australis*).—A large, very ornamental tree, 60 to 80 feet high. Valuable for its timber. 15 cts. pkt.; 40 cts. oz.; \$4.00 lb.

Pine, California Mountain (*Pinus monticola*).—A tall, symmetrical tree, 60 to 80 feet high, resembling White Pine. 20 cts. pkt.; 75 cts. oz.; \$7.00 lb.

Pine, Yellow Heavy-Wooded (*Pinus ponderosa*).—One of the largest and most common trees of the Rocky Mountains. 15 cts. pkt.; 40 cts. oz.; \$4.00 lb.

Pine, White or Weymouth (*Pinus strobus*).—A stately, straight, handsome and valuable tree; height 100 to 150 feet. Wood white, and the most extensively used for lumber of any tree in America; fine ornamental tree. 10 cts. pkt.; 20 cts. oz.; \$1.75 lb.

Pine, Austrian (*Pinus Austriaca*).—A large, straight tree, of round and massive form, and rapid growth; rich, dark foliage. An important evergreen for lawn planting. 10 cts. pkt.; 20 cts. oz.; \$1.50 lb.

Pine, Swiss Stone (*Pinus cembra helvetica*).—Handsome conical form, perfectly erect and regularly branched. A native of the Alps, where it frequently grows over 100 feet high. 10 cts. pkt.; 15 cts. oz.; 75 cts. lb.

Pine, Corsican (*Pinus Laricio*).—A large, rapid growing, noble tree, resembling the Austrian Pine. 10 cts. pkt.; 25 cts. oz.; \$2.50 lb.

Pine, Scotch (*Pinus Sylvestris*).—A handsome well known variety. Open, pyramidal form; foliage dark green. Rapid grower and distinct. A valuable ornamental and timber tree. 10 cts. pkt.; 25 cts. oz.; \$2.00 lb.

Retinosporas. See Plumed Japan Arbor-Vitæ.

Spruce, Douglas (*Pseudotsuga (Abies) Douglasii*).—A large and important timber tree of the West; height, 200 to 300 feet. Wood reddish, coarse grained, heavy, strong and valuable. Foliage rich blue; a charming and beautiful evergreen. 25 cts. pkt.; 75 cts. oz.; \$7.00 lb.

Spruce, White (*Picea (Abies) alba*).—A beautiful, compact and symmetrical tree, about 60 feet high. Endures hot summers and cold winters without turning brown. Wood tough, flexible, and used for spars, masts, etc. 15 cts. pkt.; 40 cts. oz.; \$4.00 lb.

Spruce, Norway (*Picea (Abies) excelsa*).—A favorite and handsome ornamental tree; of rapid growth and graceful habit. One of our best evergreens. 10 cts. pkt.; 15 cts. oz.; \$1.25 lb.

Spruce, Blue Colorado (*Picea (Abies) pungens*).—A beautiful large tree of pyramidal form and dense growth; foliage rich sage blue. 35 cts. pkt.; \$2.00 oz.

Spruce, Oriental (*Picea (Abies) orientalis*).—A tall, compact, straight, beautiful tree. Leaves dark, and entirely surround the branches. One of our best evergreens. 50 cts. pkt.; \$3.00 oz.

FRUIT SEEDS.

MYRICA RUBRA, A New Japan Fruit Tree. Very ornamental; foliage evergreen like a Magnolia. Height 30 to 40 feet, with large, round crown. The wood is used in Japan in choice cabinet work, being light, tough, durable and beautifully mottled; the bark is also used for a beautiful fawn-colored dye. Its fruit, produced in abundance, is delicious; it is an inch long by $\frac{1}{4}$ inch in diameter, is dark red, and contains a single seed. It is an exquisite dessert fruit, and makes fine preserves. The fresh juice is an excellent beverage and slightly fermented produces a delicious wine. It ripens in Japan early in July. The tree is not hardy north of Washington, but will succeed admirably in our Southern States, in California and warm countries. It fruits in five or six years, though, if grown in pots, will fruit in four to five years' time. It is a grand thing for localities mentioned and deserves to be extensively grown. Price, 25 cts. pkt.; \$2.50 oz.

Apple Seed. 40 cts. qt.; \$10.00 bu.

Cherry Pits, Mahaleb. 50 cts. lb.

Currant, Red. 15 cts. pkt.; 50c. oz.

“ **White.** 15c. pkt.; 50c. oz.

“ **Black.** 15c. pkt.; 50c. oz.

Gooseberry, Red. 25c. pkt.; \$1.50 oz.

“ **Yellow.** 25c. pkt.; \$1.50 oz.

Gooseberry, Green. 25c. pkt.; \$1.50 oz.

Peach Pits. 15c. qt.; \$3.00 bu.

Pear Seed. 25c. oz.; \$2.50 lb.

Quince Seed. 25c. oz.; \$2.50 lb.

Raspberry Seed. 15c. pkt.; 75c. oz.

Strawberry Seed. 15c. pkt.; \$1.00 oz.

“ **Red Alpine.** 25c. pkt.

I am well pleased with the order sent me last year; all I have ordered have been successful. I got 2 lbs. Osage Orange from you last spring, and it did well; also got 1 lb. Osage Orange from Pittsburgh at same price, and none came up.—Wm. PETTINGER, —, Pa., Mar. 3d, 1890.



FLOWER SEED NOVELTIES AND SPECIALTIES.

GRIGOR'S GLANDULAR COLUMBINE.

(*Aquilegia glandulosa*, Grigor's Hybrid.)

This is perhaps the handsomest hardy perennial in cultivation. The plant is robust and leafy, the stems rise about two feet high and sometimes carry from fifty to eighty blossoms, each three and one-half inches across, with broad, spreading sepals of richest ultramarine blue surmounted by five shorter petals of purest white with delicate azure blue spots at the base of each, thus making it remarkably elegant and distinct. No description can do justice to its exquisite appearance, and could we favor our readers with a sight of the bunch of flowers before us, they would consider our praises as too mild. (See cut.) Per packet, 25 cts.

NEW ROSE COLORED COLUMBINE.

(*Aquilegia Hybrid Rosea*.)

A charming new rose-colored variety, a novel shade in this family of hardy favorites. Received First-Class Certificate of R. H. S. Per packet, 25 cts.

MUCUNA PANICULATA.

A new and rapid growing, luxuriant climber for arbors, verandas, etc., bearing enormous Wistaria-like panicles of rich purplish blue flowers, 12 to 20 inches long. If sown early it will flower the first season. Per packet, 25 cts.

Carnation, "White Grenadin."

A double pure white variety of the favorite "Scarlet Grenadin." It is very valuable for beds, masses or pot culture, blooming profusely fully three weeks earlier than other Carnations. Habit dwarf and compact. Price, 25 cts. per packet.

Asparagus Plumosus Nana.

A green-house climber, with exquisitely graceful and feathery bright green foliage; it is extensively grown by some florists for cutting purposes, the lace-like leaves being used for bouquets, baskets and other decorations, the effect of which cannot be equaled. Per packet of 15 seeds, 25c.



NEW PYRAMIDAL CINERARIA.

New Pyramidal Cineraria.

A grand new race of this indispensable green-house plant. Of a beautiful pyramidal form; the flowers are borne in immense heads and run through all the various combinations of color usual in a high class strain. Very remarkable and desirable. (See cut.) Per packet, 75 cts.

New Large Flowered Crimson Cineraria.

This is one of the richest colors in this handsome class, being of a rich velvety crimson; flowers of largest size, 2½ inches across, and generally produced with a double row of petals—the effect is elegant. Per packet, 50 cts.

New Quilled Annual Chrysanthemum, "Porcupine."

(*Chrysanthemum coronarium imbricatum*, fl. pl.)

A very novel and handsome annual Chrysanthemum, flowering the first season from seed. The flowers are very globular and firm, each petal forming a tube vaulted and arranged like tiles, which gives it a picturesque and lovely effect; the flowers are extremely double and of intense glowing golden yellow, and the flowers after being cut retain their freshness and surpassing beauty for 10 days; plants low and bushy, of easy cultivation; height, 1 ft. (See cut.) Per packet, 25 cts.



Mexican Ornamental Thistle.

(*Erythrolana conspicua*.)

A very picturesque, ornamental foliage plant. It grows into dense bushes, and when in flower attains a height of four to six feet. The flower stems are of a black brown, the leaves are deeply toothed and of a dark green color with brown-red ribs. Three or four flower heads of bright orange-crimson are borne on each branch. Although a biennial, if sown early, in the house, it will flower the first season. Per packet, 35 cts.

Giant Scarlet California Larkspur.

(*Delphinium cardinale*.)

A very handsome annual species, remarkably well suited for borders and rockeries. The flowers are borne in long spikes and are a brilliant scarlet, the petal limbs distinctly yellow. Height, 3 to 4 feet. Per packet, 25c.

◁ PRIMULA FLORIBUNDA. ▷

A yellow-flowering variety of the *Obconica* type.

One of the prettiest and freest blooming of the family. Foliage deep green, stems of both leaves and flowers red, making a charming contrast to the whorls of bright yellow flowers, which in color and appearance remind one of the yellow Jasmine; they are borne during the entire autumn and winter months. It is readily raised from seed and we highly recommend it. It has received first-class certificate from the R. H. S. Per packet, 25 cts.

—* NEW *—

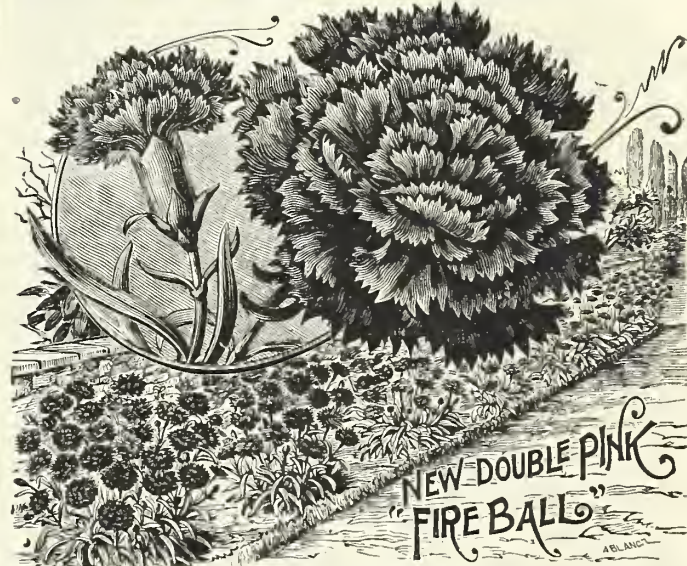
LARGE-FLOWERING, COMPACT-GROWING BELL FLOWER

(*Platycodon Mareisi*.)

A very handsome new variety for garden decoration in the summer and fall. It grows sturdy and compact, 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. One of its great merits is that it does not fall to the ground when in flower as is common with the old variety, *P. grandiflora*. Per packet, 25 cts.

GLOXINIA "EMPEROR FREDERICK."

A grand new variety of vivid scarlet, margined by a clear white band. The effect is strikingly beautiful. The flowers average 3½ inches across. A grand acquisition. Per packet, 50 cts.



NEW PINK OF CHINA, "FIRE BALL."

(*Dianthus sinensis fl. pl.*, brilliant red.)

This is the most brilliant and beautiful double Chinese Pink we have ever seen. Our trial row of this incomparable variety was unanimously pronounced a marvel of beauty by all visitors the past summer. The flowers are densely double, and an exquisite glowing, velvety red. The plants are symmetrical, compact, and of rapid growth, flowering in a short time after the seeds are up. For effective garden bedding, as well as for pots, this variety cannot be surpassed; it is also fine for cutting. (See cut.) Per packet, 25 cts.

—* NEW *—

GIANT CALIFORNIAN ESCHSCHOLTZIA.

The Eschscholtzias or "Californian Poppies" are among our most beautiful and popular annuals, being of the easiest culture and giving great satisfaction. This new giant strain is destined to even greater celebrity, for the flowers are enormous, measuring on plants grown in congenial situations four to five inches across, almost as large as a saucer, and are borne in such lavish profusion as to fairly hide the plants, although the latter are of unusually robust and luxuriant growth. These "Giant Eschscholtzias" have been produced by careful selection and culture for several years, and the mixture contains several beautiful colors. (See cut.) Per packet, 25 cts.



LITTLE GEM PINK.

This is one of the most striking novelties of the season. It forms a perfect cushion-like plant only six inches high, which is almost smothered with charming flowers two and one-half inches across. The color is an exquisite combination of wine red suffused and veined with a rosy carmine and broadly margined with white. It was one of the prettiest little plants in our trial grounds, where it remained in bloom throughout the entire summer, blushing receiving encomiums from every visitor. It is a splendid plant for beds and edging, and also equally suitable for pot culture. (See cut.) Per packet, 25 cts.

NEW VARIEGATED SATIN FLOWER OR HONESTY.

(*Lunaria biennis fol. var.*)

A strikingly handsome variety of this old garden favorite, the foliage being distinctly variegated with green and white, making it very effective. It is a hardy perennial 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. Per packet, 25 cts.

—* NEW *—



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NEW AND BEAUTIFUL
Zanzibar Water Lilies.

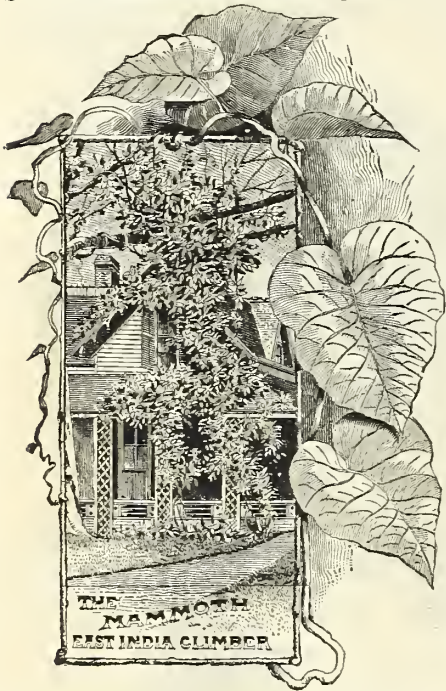
These magnificent Water Lilies are the freest blooming of all, and of the easiest culture, the seed germinating freely if sown in a pot of soil and submerged in water and put in a warm place. If sown early they will flower the first season. The plants are small, compact growers, and will do well if grown in large pots submerged in tubs, fountain basins or small ponds. In the autumn they can be removed to the cellar or under the green-house bench and kept until spring, by watering them occasionally.

- N. Zanzibariensis Azurea. Double, light blue. Per packet, 25 cts.
 - — — Rosea. Double, soft rose color. Per packet, 25 cts.
 - — — (Type). Double, dark blue. Per packet, 25 cts.
- Set of three for 60 cts.

THE MAMMOTH EAST INDIA CLIMBER.

(*Argyrea tiliifolia.*)

A magnificent climbing plant of high and marvelously rapid growth; large, green, heart-shaped leaves, silvery white underneath; very large flowers of white and violet. The seed should be sown in the house or green-house, and the plants transplanted about the middle of May to a warm, sunny place in the garden. The plant is perennial and can be lifted without harm, and thrives well during winter in the conservatory; it can also be grown all the year in the open ground in our Southern States. It is a magnificent climber and deserves to be largely cultivated. Per packet, 20 cts. (See cut.)



THE MAMMOTH EAST INDIA CLIMBER.

NEW DWARF PERENNIAL PHLOX.

The hardy Phloxes have long been favorites for permanent situations. This new race forms dwarf pyramidal bushes only 1 to 1½ feet high, profusely bearing large heads of beautiful flowers ranging through many rich colors. The introducer claims that if sown early they will flower the same year from July until late autumn. Per packet, 25 cts.

NEW WHITE HYBRID LEPTOSIPHON.

This is a little bit of a plant, growing only three inches high, spreading 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. It is very effective for edgings and rock-work and as an undergrowth for rose bushes, etc. Per packet, 25 cts.



JAPANESE HOLLYHOCK TOKIO (NEW.)

A MOST beautiful and characteristic Japanese variety of healthy and luxuriant growth, attaining a height of about five feet, bearing an unusually large number of large double flowers twelve to fifteen inches in circumference, and of distinctive and picturesque beauty. The petals are beautifully frilled, of a rich wine-maroon at the base, shading to cherry-red, and broadly edged with white. The effect is strikingly beautiful, attracting attention at once. (See cut.) Per packet, 25 cts.

PAPAYER CALIFORNICA.

A new California plant, ranking among the handsomest annuals, and one of the last named by Dr. Asa Gray. It grows about one foot high, very bushy, and produces in great numbers large, showy, saucer-shaped flowers, averaging six inches in circumference, of a rich pinkish orange, with a centre of delicate sulphur yellow. The effect in the sunlight is satiny, lustrous and exceedingly pretty. Per packet, 25 cts.



NEW LEVIATHAN SCABIOSA.

The old Scabiosus, which has been the favorite of gardens for centuries, will be entirely eclipsed by this colossal flowering new race. Many of the flowers measure six to nine inches in circumference, and double clear to the centre. They are very effective for garden decoration, and equally valuable for cutting purposes, having long stems. (See cut.) We offer three distinct varieties:
 "Royal Purple." Purplish claret color, rich and velvety; enormous flowers. Per packet, 15 cts.
 "Snowball." Pure white, very large, densely double. Per packet, 15 cts.
 "Beaten Gold." (Aurantiaca.) An entirely new and novel color; flowers of immense size and of a beautiful golden yellow. Per packet, 25 cts.

U. S. HYDROGRAPHIC OFFICE, NAVY DEPT., Washington, D. C., April 16, 1890.
 "PETER HENDERSON & Co., SIRS: You were recommended to me by Hon. Mrs. Wm. H. Whitney as the firm from whom she has received her fine flower seeds. On the strength of her warm recommendation I send the following order. JOS. S. LATIMER."

Giant { ^{Red} Flowering } Nicotiana.

(*Nicotiana macrophylla gigantea purpurea.*)

This is one of the most magnificent decorative plants for picturesque effect on the lawn or in the garden that we have seen for years. The foliage is luxuriant and tropical in appearance, and when the stately plants are surmounted with the immense clusters of rich crimson flowers, the effect is beautiful in the extreme. We had a group of several of these plants in our grounds the past season; they grew rapidly and attained a maximum height of about five feet. They commenced blooming early in July when the plants were not over two feet high and continued to flower in uninterrupted profusion until cut down by frost. The clusters of flowers averaged two feet long, though many measured quite three feet long by two feet across. One cluster, by actual count, was composed of over five hundred blossoms. The individual flowers are tube-shaped, two inches long by one inch across. If this plant is given a warm, sunny position in the garden, we know of nothing more beautiful. It flowers the first season. (See cut.) Per packet, 15 cts.



NEW POPPY, "EIDER-DOWN."

(*Papaver somniferum album laciniatum fl. pl.*)

We have sent out many fine new Poppies in the past two or three years, but nothing to eclipse the chaste and exquisite beauty of this. The plants were of sturdy habit, growing about 1½ feet high, and bearing flowers like great round balls of eider-down, as white as snow, the edges of the petals being deeply pinked or slashed. It blooms the first season, remains in flower much longer than is usual with Poppies, and deserves a place in every garden. (See cut.) Per packet, 20 cts.



POPPY, "Flag of Truce."

If our customers could have seen this variety in our grounds this season, we certainly could not supply the demand for seed. Imagine robust plants about two feet high bearing quantities of great satiny, white, single flowers, three to four inches across, resembling big single Paeonies. Our bed of them in a little breeze looked like a mass of shifting, glistening snow and was a feast for the eye such as we trust many of our friends will avail themselves of in their gardens the coming summer. Per packet, 15c.



SULPHUR GEM SUNFLOWER.

A novel and beautiful Sunflower, growing about five feet high, of very branched, tree-like form, each branch bearing flowers of a delicate primrose or 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. Its rare color in a Sunflower, added to its effectiveness for garden decoration, make it very desirable. (See cut.) Per packet, 10 cts.

NEW TOM THUMB NASTURTIUM, "AURORA."

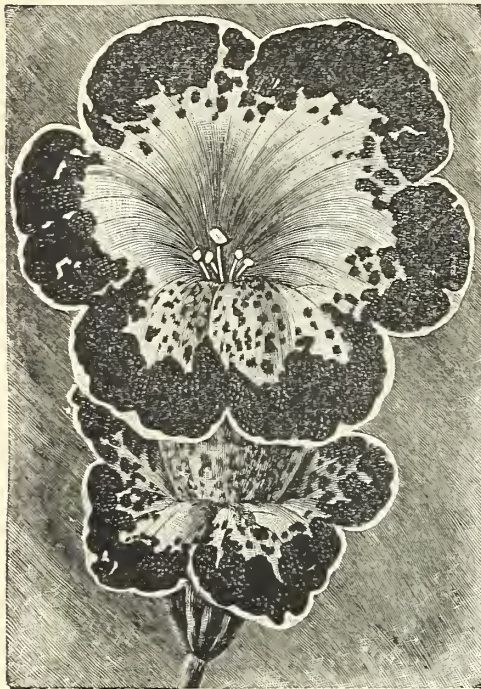
A beautiful pink variety, very effective for bedding purposes, where it lasts in full bloom until frost. Per packet, 15 cts.

NEW HYBRID CAPE PRIMROSES.

(*Streptocarpus hybridus*.)

This beautiful new race originated at the Royal Gardens of England; it contains striking and beautiful colors hitherto unknown in this genus. The plant is a dwarf green-house perennial, growing only nine inches high; leaves bright green and velvety. The flowers are borne in remarkable abundance; plants

from seed, sown early in the spring in the green-house, will bear the first summer from fifteen to twenty-five spikes each of three to five blooms, and as the plants get older, the stems will frequently carry from fifty to seventy-five flowers each. These will open in continuous succession for about four months in summer and autumn. The individual flowers are very graceful, of widely open trumpet shape, and $1\frac{3}{4}$ inches in length. The variety of beautiful colors is wonderful, scarcely two plants being exactly the same. They range through white, red, lavender, blue, rose, mauve and violet, and all are splashed and blotched with purple and white, which greatly enhances their beauty. They are of the easiest possible culture. (See cut.) Per packet, 60 cts.



NEW "EMPEROR" OR "SILVER MEDAL" MONKEY FLOWER.



NEW HYBRID CAPE PRIMROSE.

New Emperor or Silver Medal Monkey Flower.

(*Mimulus tigrinus duplex hybridus*.)

Although *Mimulus* are admirable pot plants, they are equally adapted for beds in the garden, in semi-sunny positions. We exemplified this in a trial patch of these magnificent hybrids, and find that they stand sun much better than their parents. The flowers are of the "Hose in Hose" style, of great size, and of remarkably rich and varied colors, grotesquely mottled and figured. (See cut.) Per packet, 25 cts.

NEW HYBRID POLYANTHA ROSES.

These beautiful Roses will flower throughout the summer until frost, from seed sown early in the spring. These new hybrids are much superior to the parent, producing flowers of various colors, most of them double, although a few will come semi-double and single. Per packet, 25c.

New Climbing Polyantha Roses.

New, handsome, hardy, climbing Roses, of very vigorous and branching habit, flowering profusely in bouquet-like clusters throughout the summer. The raiser claims that these new hybrids will produce all colors, including white, rose, carmine, red and yellow. Per packet, 25c.

Pigmy Mexican Zinnia

(*Zinnia Haageana pumila fl. pl.*)

Several Tom Thumb Zinnias of the "elegans" type have been put out in the past year or two, but our trials never proved them to be of sufficient merit to catalogue them prominently. In this Mexican type, however, we offer a pigmy Zinnia of decided novelty and merit. The plants are of candelabra form, close and vigorous in habit, and when fully developed are only five to seven inches high and are nearly covered with pretty flowers extraordinarily double and of an intense orange yellow. As each plant bears from ninety to one hundred and twenty-five flowers, it is consequently nearly covered. It continues in bloom throughout the season, and is very suitable for edging or bedding as well as of much value for pot-culture. (See cut.) Per packet, 25 cts.



PIGMY MEXICAN ZINNIA

AFRICAN GOLDEN VENIDIUM.

(*Venidium Calendulaceum*.)

This is an old but little known plant, which impressed us in our grounds the past season with its unusual merit. It forms 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, which are from four to five inches in circumference, and are borne profusely, nearly covering the plants, making veritable "mounds of gold." The plants remain in bloom throughout the summer, and are of such easy culture and so exceedingly showy, especially when grown in masses, that we want every one to try it this season. They are not only valuable for bedding purposes, but are equally useful for rustic baskets, vases and rock work. (See cut.) Per packet, 10 cts.



AFRICAN GOLDEN VENIDIUM



SEEDS OF NEW CHRYSANTHEMUMS OF CHINA AND JAPAN

THE magnificent and regal beauty of these Chrysanthemums has placed them on a wave of popularity unequalled in the floral world, and we are only surprised that they have but so recently aroused enthusiasm in this country, when we consider that for years they have been popular favorites in China as well as being the national and royal flower of the Japanese Empire. It may, however, be owing to the fact that hybridizers have only recently awakened to the possibilities in this direction, and that the choicest varieties in China and Japan have been so sacredly guarded in the gardens of the wealthy Orientals, that we have been unable to procure any of their representative gems until recently. The recent introductions, however, have given us an insight into the marvels of perfect form, soft and plume-like grace of the flowers, combined with a wealth of delicate colors and exquisite blendings, that may be expected. These merits, accompanied with their luxuriance of growth and ease of culture, place them in the front rank as "the flower for everybody."

We have procured direct from China and Japan seed saved from the choicest and newest varieties grown, much of which has been obtained by our agents, at great cost and by considerable diplomacy, from the gardens of the nobility. We have made this into one grand mixture and shall put it up in packets of about one hundred seeds each. These, if sown according to directions given on each packet, will produce a great variety of flowering plants by autumn, and to more widely popularize this royal race we offer prizes aggregating **one hundred dollars**, as detailed below.

PRICE OF SEEDS OF "NEW CHRYSANTHEMUMS OF CHINA AND JAPAN,"
IN MIXTURE, PER PACKET,
25 CENTS.

\$100.00 in Prizes

will be given for plants in bloom of the best new Chrysanthemums grown from this seed procured from us, if it is mentioned at the time the seeds are ordered so we can record the same, and on condition that the plants in bloom be delivered, expressage paid, at our stores, 35 & 37 Cortlandt Street, New York, not later than December 1st, 1891. The prizes, three in number, will be awarded by competent experts, as follows:

- For the best and most distinct new Chrysanthemum, raised from this seed, **\$50.00**
 - For the second best, " " " **30.00**
 - For the third best, " " " **20.00**
- With the understanding that the prize winning plants are to be our property.



HENDERSON'S
IMPROVED
VICTORIA
ASTERS

PETER HENDERSON & Co
35 & 37
CORTLANDT ST.
NEW YORK.



Separate colors 15c per
dozen of 8 varieties each
Mixed Colors 25c per
dozen

HENDERSON'S • IMPROVED • VICTORIA • ASTERS.

AS SHOWN ON THE COLORED PLATE OPPOSITE.

THESE improved Victoria Asters are the most magnificent of the China Aster family. The flowers are massive, showy, and the regular overlapping petals clear to the centre of the flower and the perfect symmetry of form give a distinctive elegance to this magnificent class. The flowers are of great size, measuring four inches and over across, and of great richness and variety of color. The plants grow very evenly, about eighteen inches high, are elegantly pyramidal in form, and carry from twenty-five to forty of these incomparable flowers, rendering them of exceptional value for garden beds, particularly in lines or diagrams of different colors; and for pot culture they are of scarcely less importance. They are of the easiest culture. Seed sown in the early spring months in the house, the plants put out in May will commence blooming in June or July, and two or three later sowings at intervals in the open ground will give an uninterrupted succession of gorgeous bloom until frost.

	<i>Per Pkt.</i>		<i>Per Pkt.</i>
No. 1. Crimson and White.....	15c.	No. 5. Peach Blossom Pink.....	15c.
No. 2. Indigo and White.....	15c.	No. 6. White, turning to Rose...	15c.
No. 3. Sky Blue.....	15c.	No. 7. Dazzling Scarlet.....	15c.
No. 4. Pure White.....	15c.	No. 8. Dark Blue and White.....	15c.

For a collection of any four, 50 cts.; or the full set of eight, shown on the Colored Plate, 75 cts.

"HENDERSON'S GRAND MIXTURE OF IMPROVED VICTORIA ASTERS," including those shown on Colored Plate opposite, per packet, 25 cts.

•• NEW ASTERS ••

BALL-SHAPED { "Apple Blossom" and "Dark Rose" } "JEWEL" ASTERS.

These magnificent Asters belong to a new class, similar to, but eclipsing in beauty those of the Pæony-flowered Perfection type. The flowers are perfectly round or ball-shaped, nine inches in circumference, the petals being short and incurved, giving them an elegant appearance. Plants two feet high, of sturdy habit. (See cut.)

"Apple Blossom." Delicate shell pink. Per packet, 25 cts.

"Deep Rose." Fine color. Per packet, 25 cts.

DAHLIA-FLOWERED ASTER

"Snowball" or "White Princess."

The raiser, an old and reliable German grower, writes us: "My Snowball Asters are simply splendid, and one of the best things I ever raised. They are entirely distinct, and are the first of a new and superior race. A single plant develops about thirty pure white, faultlessly formed flowers, semi-spherical in shape, and composed of short, thickly set, imbricated petals, giving the flower a charming appearance that may be compared to a Lilliput Dahlia." Per packet, 25 cts.

NEW PEARL ASTER WITH ROSE CROWN.

A fine dwarf Aster, growing from twelve to fourteen inches high, bearing twenty to twenty-five large and very beautiful double flowers. The centre is pure white, surrounded with an exquisite rose-colored crown. An elegant variety; will make a sensation. Per packet, 35 cts.

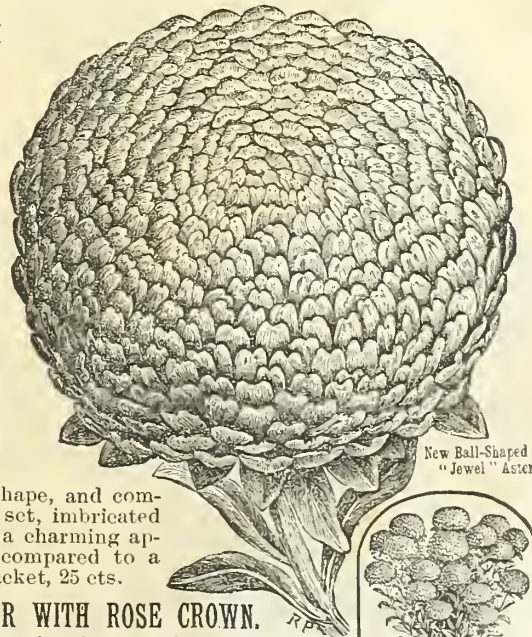


TRIUMPH ASTERS.

These are undoubtedly the most beautiful and perfect of all dwarf Asters. Each plant forms an elegant bouquet in itself seven to eight inches high. The flowers measure from two and one-half to three inches across, of faultless form. (See cut.)

Deep Scarlet Triumph. Color a rich brilliant scarlet; each plant bears at least thirty to forty flowers of exquisite beauty. Per packet, 25 cts.

"Surpasse Triomphe." Of surpassing beauty. The flowers are large, frequently measuring five inches across, perfectly double; of a brilliant crimson purple, each petal being margined with white, making it exceedingly effective. The plants are very dwarf and bloom profusely. (See cut.) Per packet, 25 cts.





PERFECTION ASTER.

PERFECTION ASTERS.

(Truffaut's Improved Peony Flowered.)

A favorite class; thrifty, upright growers; flowers large (4 inches across) and almost perfectly round, with incurved petals; height, 18 inches to 2 ft. (See cut.)

Dark Scarlet and White.....	10	Purple Violet.....	10
Glowing Dark Crimson.....	10	Lilac Red and White.....	10
Satin White.....	10	Perfection Finest Mixed. Con-	
Brilliant Rose.....	10	tains many exquisite colors....	10

Aster, Crown. 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. Mixed colors. (See cut.)... 10

— Giant Emperor. 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. Mixed colors.... 25

— Betteridge's Quilled. Flowers composed of tube or quill-shaped petals. This is an improved strain, with large double flowers and of beautiful colors; 2 feet. Mixed colors. (See cut.)..... 5

— Goliath. Flowers of enormous dimensions and perfect form; 2½ feet. Mixed colors..... 15

— Rose Flowered. Flowers large and double, the outer petals finely recurved and the inner ones incurved like a rose; 2½ ft. Mixed colors..... 10



CROWN ASTER.

Victoria Asters. Per Pkt.

An unrivaled and favorite class with large flowers of perfect form. Mixed colors. 15
For Henderson's Improved Victoria Asters see page 61 and Colored Plate.

Comet Asters.

This very beautiful class has long, wavy and twisted petals formed into a loose yet dense half-globe resembling the Japanese Chrysanthemums; flowers 3½ to 4½ inches across. (See cut.)

Deep Rose. 25	Pink, Margined White. 25
Light Blue. 25	Blue, Edged White. 25
Mixed Colors	25

Asters, China. Per Pkt.

A tall, double flowering class, very largely sold, but by no means equal to the improved varieties. Mixed colors... 5

VICTORIA NEEDLE.

Flowers large and double, each petal of which is curved as round as a knitting needle; very unique and beautiful; remarkably free flowering; grow 18 inches high. Mixed colors 15



BETTERIDGE'S QUILLED ASTER.

Per Pkt.

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 10 to 20 on a plant. Per Pkt.

Fiery Scarlet.....	10	Flesh.....	10
Snow White.....	10	White and Azure Blue.....	10

Finest Mixed. Containing many beautiful colors 10
Aster, Miniature Bouquet. Grows 6 to 8 inches high. The little round plants are fairly hidden with very double button-like flowers. Mixed colors..... 10

— Dwarf Pyramidal Bouquet. Pretty class; very profuse bloomers, producing 20 to 50 heads of bloom; many beautifully tipped; grows 1 foot high. Mixed colors..... 10

— Diamond. Flowers regular and double; 1½ inches in diameter, and produced in greatest profusion. Mixed colors..... 10

— Harlequin. A variety with very oddly spotted and striped double flowers of various colors. They are dwarf in habit and very novel..... 10
— Hedgehog or Porcupine. Flowers composed of long, slim, pointed needles or quills. Mixed colors..... 10

Imported Collections of Asters.

Betteridge's Quilled. In 6 separate colors, 40 cts.; in 12 separate colors.....	75
Miniature Bouquet. In 10 separate colors.....	75
Crown, or Cocardeau. In 6 separate colors.....	50
Diamond. In 10 separate colors.....	75
Dwarf Chrysanthemum Flowered. In 6 separate colors.....	50
Dwarf Pyramidal. In 6 separate colors.....	50
Goliath. In 6 separate colors.....	50
Perfection. In 6 separate colors, 40c.; in 12	75
Victoria. In 6 separate colors, 50c.; in 12	\$1.00



COMET ASTER.

GENERAL LIST OF FLOWER SEEDS



COPY RIGHTED 1899 BY PETER HENDERSON & CO.

We offer the following inducements to those who purchase packets of Flower Seeds in quantity, and remit with their orders:

For \$1.00 Seeds in packets may be selected to value of.....	\$1.15
" 2.00 " " " " " " "	2.30
" 3.00 " " " " " " "	3.50
" 4.00 " " " " " " "	4.75
" 5.00 " " " " " " "	6.00
" 10.00 " " " " " " "	13.00

And with the latter our book, "Practical Floriculture."

The following abbreviations occur in the Flower Seed List, viz.:

A for **ANNUALS** that grow, bloom and die the first year from seed.
B for **BIENNIALS** that bloom the second year from seed, and then die; though many, if sown early in the spring, will flower the first year.
P for **PERENNIALS** that usually bloom the second year from seed, and continue to grow and bloom for many years. Some will also bloom the first year if sown early.
H indicates they are **Hardy**, and **HH** **Half Hardy**. **T** indicates that they are **Tender**.

All Flower Seeds sent free by mail on receipt of price. Full Cultural Directions on each Packet.

ABRONIA.

Charming trailing plants—flowering in large trusses like a Verbena. Very fragrant; suitable for beds, rock-work or baskets.
Abronia Arenaria. Waxy lemon yellow. *HA.* 9 to 18 inches. 10
— Umbellata. Rosy pink. *HHA.* 9 to 18 inches. (*See cut.*).. 5

ABUTILON.

Beautiful plants for green-house and window culture, blooming almost continually; also succeeding well in the open ground in summer. Flowers bell-shaped, 1 to 2 inches across. *HHP.* 2 to 4 ft.
Abutilon Fireball. Dwarf compact habit, large deep crimson flowers borne in profusion..... 25
— Finest Mixed Varieties. Red, white, rose, orange, etc... 25

ACHILLEA.

A. Ptarmica fl. pl. Purest white double flowers, borne in profusion through summer and autumn; fine for cutting. *HP.* 1½ ft..... 15

ACROCLINIUM.

Elegant summer flowering plants for beds, etc.; also a splendid everlasting for winter bouquets. For this purpose the flowers should be cut before fully open. *HHA.* 1 ft.
Acroclinium, Single White. 5 | **Acroclinium, Single Rose..** 5
— Double White..... 10 | **— Double Rose.....** 10

ANTIGONON LEPTOPUS.

A beautiful climber, called the "Mexican Mountain Rose." Flowers entirely distinct in color; a rich shade of carmine-scarlet, borne in large clusters. It is a perennial, perfectly hardy south of Washington. In Northern States it makes a grand green-house climbing plant..... 15

AGROSTEMMA.

Showy for beds and borders; flowering freely; they are also known as "Crown of the Field," "Rose of Heaven," "Flos Jovis," "Rose Campon," etc.
Finest Mixed Varieties. Various colors. *HA.* 1 to 2 ft..... 5

ADLUMIA.

Adlumia Cirrhosa. "Mountain Fringe" or "Alleghany Vine." A charming climber, with feathery foliage and rose colored flowers. *HB.* 15 ft..... 10

ADONIS.

Very ornamental for flower garden borders, etc.; flowering freely; of easy cultivation.
Adonis Æstivalis. (Flos Adonis.) Deep crimson. *HA.* 1 ft. 5
— Autumnalis. (Pheasant's Eye.) Intense blood red with black centre. *HA.* 1 ft..... 5
— Vernalis. A charming hardy variety, with large yellow flowers. *HP.* 9 inches..... 10

For novelties and specialties in Flower Seeds see pages 54 to 61.

ALYSSUM.

ANNUAL VARIETIES.

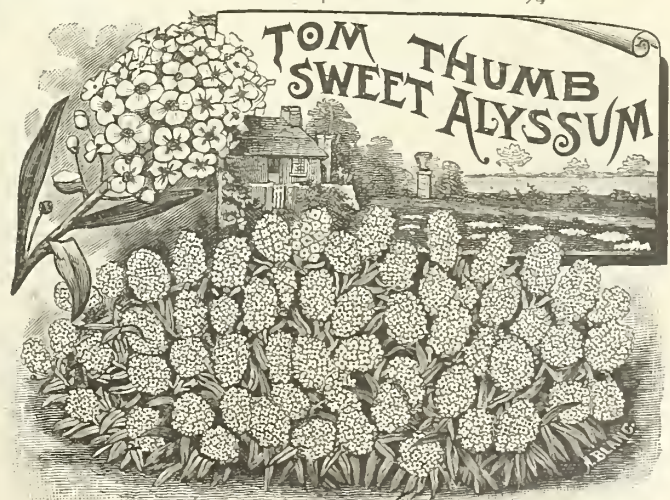
These flower profusely throughout the season—thriving in flower garden, window boxes, vases, etc.; also well adapted for ribbon lines and the Tom Thumb variety for edgings.
Alyssum Maritimum. (Sweet Alyssum.) *HA.* White, 1 ft... 5
Tom Thumb Sweet Alyssum. (Bentharii Compacta.) White. This is one of the finest plants for edgings and low beds, flowering in unparalleled profusion for months. The beds in our grounds were masses of purest white, commanding universal admiration. *HA.* ½ ft. (*See cut.*)..... 5

HARDY PERENNIAL VARIETIES.

Showy plants for permanent borders and beds.
Alyssum Wiersbecki. Summer blooming; yellow. *HP.* 1 ft. 5
— Saxatile Compacta. Spring blooming; dwarf; golden yellow. Makes beautiful beds of golden yellow, well deserving the French descriptive name of "Basket of Gold." *HP.* ¾ ft. 5

AGERATUM.

Suitable for pot culture in winter or bedding out in summer; flowering continually and profusely. *HA.*
Ageratum, Blue. 2 ft..... 5
— White. 2 ft..... 5 | **— Tom Thumb. Blue.** ¾ ft. 5
— Lasseauxi. Rose. 2 ft. 5 | **— White.** ¾ ft..... 5



An additional list of standard old varieties on pages 62 to 88.



AMPELOPSIS VEITCHII.

Antirrhinum or Snapdragon.

Per Pkt.

For summer flower beds these beautiful "Snapdragons" are very showy, flowering from seed the first season. (See cut.) HHP.

- Antirrhinum. Tall Mixed. 2 to 3 ft. Various colors..... 5
- Extra Choice Striped Mixed. 2 to 3 feet. Various colors... 10
- Tom Thumb Mixed. Dwarf growing sorts, 1 ft. (See cut.).. 5
- Nanum Picturatum. New blotched and spotted sorts of great beauty, 2 ft..... 15

Imported Collection of Dwarf Antirrhinum in six separate sorts, 50 cts.



TOM THUMB ANTIRRHINUM.

Per Pkt.

ANAGALLIS.

Pretty dwarf plants for garden: large bright flowers in the sunshine. Mixed colors. HHA. 1½ ft..... 5

AQUILEGIA.

Handsome, ornamental hardy plants. Known as "Columbine." HP. 1 to 3 ft.

- Double White..... 5
- Striped. Red and white..... 5
- Mixed..... 5
- Single Mixed..... 5

- Golden Spurred. (Chrysantha.) Beautiful long yellow spurred flowers..... 10
- New White Spurred. (Chrysantha Alba.) Flowers of large size, pure snow white, with long spurs of elegant shape, and borne in lavish quantity. (See cut.)..... 25

ARISTOLOCHIA ELEGANS.

The elegant Pelican Flower. 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, flowering the first year if sown early, and is a very pretty vine for outside decoration in summer and the greenhouse in winter. The blossoms are borne profusely, even on small plants. (See cut.).. 25

- A. Siphon. (Dutchman's Pipe Vine.) One of our best hardy climbers, flowers brownish yellow, curiously mottled, 30 ft..... 10

ASPERULA.

- Cluster of charming fragrant flowers, admirably adapted for bouquets.
- Asperula Azurea Setosa. Sky blue. 1 ft. HA..... 5
- Odorata. (Sweet Woodruff.) Flowers and leaves have a delicious odor when dried that imparts an agreeable perfume to clothes, etc., when kept among them. White. 6 to 12 inches. HP..... 10

Ampelopsis, "Japanese Ivy" or "Boston Ivy." Per Pkt.

- A. Veitchii. Our finest hardy climber for permanently covering stone and brick buildings, old trees, etc. It clings by rootlets thrown out along the stem, and consequently needs no support. The young growth during summer is a dark purplish green, changing in fall to the brightest tints of scarlet, crimson and orange. HP. 50 ft. (See cut.)..... 10
- A. Roylii. A new variety. Similar to "Veitchii," but with larger foliage and of more rapid growth, and foliage more highly colored in autumn..... 20

AMARANTHUS.

Showy rapid-growing annuals, with flower spikes or richly colored foliage. For semi-tropical gardening they are unique and effective. HHA.

- Amaranthus 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..... 10
- Atropurpureus. Red foliage, drooping spikes, 2 ft..... 5
- Bicolor Ruber. Foliage green and dark red, tipped with yellow, 3 to 5 ft..... 5
- Caudatus. (Love-lies-bleeding.) Dark drooping flower spikes..... 5
- Margaritæ. Charming dwarf plant; a free bloomer, commencing to flower in a month after the seeds are up; long, graceful shafts of flowers of purple color..... 10
- Henderi. Foliage rosy carmine, orange, buff, golden yellow and olive green; beautiful drooping variety, 2 ft... 5
- Melancholicus Ruber. Foliage blood red, 2 ft..... 5
- Salicifolius. (Fountain Plant.) Gracefully drooping, willow shaped leaves, brilliantly banded and tipped with orange, carmine and bronze..... 10
- Tricolor. (Joseph's Coat.) Leaves red, yellow and green, 3 ft..... 5
- Gibbosus. Long drooping panicles, frequently 2½ ft. long, of purplish red..... 5

AURICULA.

A dwarf growing plant, bearing umbels of fragrant flowers of many rich and beautiful colors. A great favorite in Britain, where flower shows are held of this plant alone. HP. ½ ft.

- Auricula. Fine Mixed..... 10
- Extra Choice Mixed. From a prize collection..... 25



ARISTOLOCHIA ELEGANS.



AQUILEGIA CHRYSANTHA ALBA (WHITE SPURRED COLUMBINE).

ARABIAN {SUMMER FLOWERING} PRIMROSE.
(*Arnebia cornuta*.)

A new and charming annual, growing in bushy form about 2 feet high and about the same breadth. It blooms with unusual profusion during the whole summer—one plant often producing from 100 to 150 spikes of exceedingly beautiful flowers, over 3/4 of an inch across, and of a rich primrose yellow, marked with 5 black spots; the spots change on the second day to a rich maroon, and on the third day vanish, leaving the flower a clear, bright yellow. It is an excellent cut flower; the blooms remain fresh, in water, for 10 days. Highly effective when grown in masses. (See *cut.*) Per packet, 25 cts.

DOUBLE BALSAMS.

Improved strains of well known favorites, forming dwarf bushy plants profusely covered with large double flowers of brilliant colors throughout the summer and autumn. Balsams are also called "Lady's Slipper" and "Touch-me-not." (See *cut.*) *HHA.* 1 1/2 to 2 ft.

Double Striped, Spotted and Mottled Varieties. Per Pkt.

- Balsam, Crimson Spotted White..... 10
- White, Striped Red and Purple. (See *cut.*)..... 10
- Scarlet, Mottled White..... 10
- Solferino. White, spotted lilac and scarlet..... 10

Double Self or One Colored Varieties.

- Balsam, Porcelain Blue, shaded White. 10
- Maiden's Blush, soft pinkish blush.. 10
- Pmk..... 10
- White..... 10
- Scarlet (King)..... 10
- Lavender..... 10
- White Perfection. The finest pure white grown; flowers unusually large, solid and double..... 15
- Extra Choice Double Mixed from named sorts..... 10
- Double Mixed..... 5
- Collection of 8 Superb Varieties..... 75

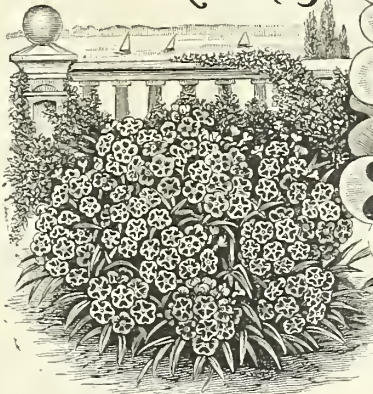
BALLOON VINE.

A rapid growing, handsome summer climber, having small white flowers, which are followed by seed vessels shaped like small balloons. *HA.* 10 to 15 ft..... 5

BARTONIA.

B. Aurea. "Californian Golden Bartonia," is one of the showiest and brightest of hardy annuals; large golden flowers, borne in great profusion all summer. *HA.* 1 ft..... 5

ARABIAN SUMMER FLOWERING PRIMROSE



ARNEBIA CORNUTA.



B. BLANC, PHILA.

BEGONIA.

Magnificent flowering plants for pots. 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. *TP.* 1 ft. Per Pkt. Begonia, Tuberous Rooted Finest Mixed. Single..... 15 Finest Double Mixed..... 25

Fibrous Rooted Sorts.

Begonia Rubra. A beautiful and distinct winter flowering variety, bearing immense quantities of flowers of scarlet rose, glossy and wax-like..... 15
— Rex. Large ornamental leaves of dark green, bronze, gold, red, etc.... 25
— Scharffiana. New species with large thick leaves resembling emerald green velvet on the surface and deep purplish red underneath; flowers large, pure white..... 25

BELLIS.

The old favorite "Double Daisy" much improved, with very double large flowers; for edgings and dwarf beds in

the spring this is a charming plant. *HHP.* 1/2 ft. Per Pkt. Bellis, Double White..... 15
— Longfellow. Large double rose colored flowers..... 15
— Double Mixed. 1/2 ft..... 15
— Double Quilled Mixed. The petals as round as knitting needles..... 25
Giant Snowball. Unusually large, very double, pure white flowers. (See *cut.*)..... 25
Rose Crown. Large double flowers, having a rose colored centre or crown in each flower. (See *cut.*)..... 25

BRYONOPSIS.

A beautiful summer climber, bearing green fruits which change to bright scarlet striped with white. *HHA.* 10 ft. (See *cut.*)..... 5



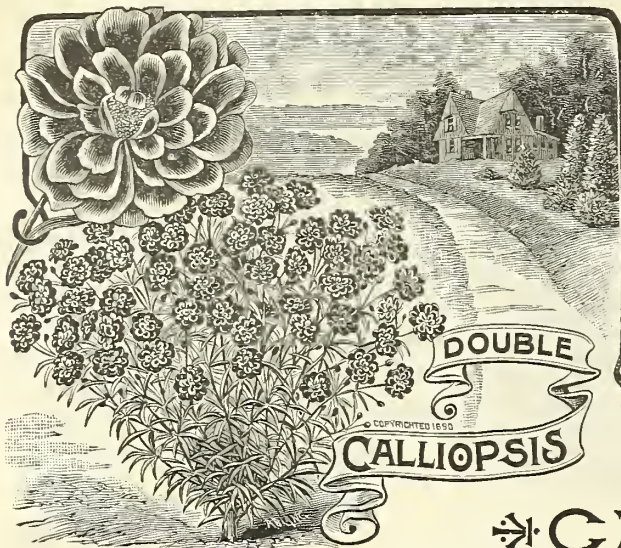
BRYONOPSIS.



DOUBLE BALSAM. WHITE, STRIPED RED AND PURPLE.



NEW DOUBLE DAISIES, ROSE CROWN AND GIANT SNOWBALL.



Calliopsis or Coreopsis.

Showy, free flowering summer bedding annuals, with large and gaudy flowers lasting in bloom all summer. *HA.* 2 ft. Per Pkt.
Double Calliopsis. (*Calliopsis tinctoria fl. pl.*) A double variety of these popular favorites. The flowers are of a rich golden yellow, with wine-maroon spots, and are borne in great profusion. They are elegant for garden decoration and fine for cutting. They succeed everywhere and bloom throughout the season. (*See cut.*).... 10
Calliopsis Golden Wave. Probably the most effective of all annuals for a mass of bright golden color. Plant very bushy and compact, and covered from July to October with hundreds of beautiful golden blossoms, two inches across, with small dark centres.. 10
Dark Crimson..... 5 | **Yellow, Crimson Eye**..... 5
Finest Mixed..... 5 | **Yellow and Purple Brown**... 5
Tom Thumb Mixed. A beautiful strain; plants dwarf and compact.. 10
Imported collection of 10 separate sorts, 50 cts.

Perennial Variety.

Coreopsis Lanceolata. One of the most showy hardy plants grown. Flowers large, of bright golden yellow, produced in profusion for a long period. Unequaled for cutting; grows anywhere. *HP.* 2 to 3 ft. 10

CALANDRINIA.

Calandrinia Grandiflora. Dwarf-growing plants for the flower garden; the sunshine causes the large rose flowers to expand into a perfect blaze of beauty. *HHA.* 1 ft. Per Pkt., 5 cts.

CALLIRHOE.

(*Crimson Mallow Poppy.*)

Callirhoe involucrata. A charming dwarf, prostrate plant, producing large, saucer-shaped flowers of a rich dark crimson, two inches and over across. It is very effective for beds, or trailing over rock work. Although a perennial, it flowers the first season from seed very profusely. (*See cut.*) Per Pkt., 10 cts.

Pedata Nana. An annual variety, forming dense, compact bushes. Flowers handsome, crimson, two inches across. Per Pkt., 10 cts.

CLARKIA.

Charming for beds. Large flowers of rose, white, red, purple, etc., borne in profusion. *HA.* 1 to 2 ft.
Clarkia, Single Mixed. Including many sorts. Per Pkt., 5 cts.
Double Mixed. Including many sorts. Per Pkt., 5 cts.

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 and beautiful fashion. *TP.* 1½ ft.

Grandiflora or Large Flowering Section.

Calceolaria, Spotted and Mottled Varieties Mixed..... 50
 — Dwarf Growing, Spotted and Mottled Varieties Mixed. 1 ft. high..... 50
 — New Striped. Flowers striped like a bizarre Carnation..... 50
 — Self Colored Mixed. Flowers of all one color, red, maroon, gold, etc..... 25

Shrubby or Bedding Calceolarias.

True bedding varieties, with innumerable small flowers.
Calceolaria Rugosa, Mixed. Self colors..... 50
 — Rugosa, Tigered, Spotted and Mottled Varieties Mixed..... 50



CRIMSON MALLOW POPPY.



CALENDULA.

Remarkably profuse blooming plants. Their easy culture and continuous bloom, either in the garden for summer decoration or for pot-culture in the winter, justify us in highly commending them. Hardy annuals, flowering the first season from seed. *HA.* 1 ft.

Calendula, "Queen of Trianon." This comparatively new variety of these ever-popular, perpetual-blooming "Pot Marigolds" is of distinct beauty. The very double flowers are borne in such numbers as to almost cover the dwarf, bushy plants, which attain a height of only one foot. Color of flowers is bright canary yellow, with a novel and effective centre crown of dark maroon. (*See cut.*) Per Pkt., 10 cts. Per Pkt.

Calendula Pluvialis. (Cape Marigold.) Large, pure white single flowers 5
 — Pongei fl. pl. (Pot Marigold.) Double white..... 5
 — Meteor. Large double yellow flowers, striped with orange. 5
 — Prince of Orange. Similar to

"Meteor," but much darker..... 5
 — *Ranunculoides fl. pl.* Double orange..... 5
 — La Prouste. Nankeen color; fine 5
 — Pure Gold. A magnificent variety of pure golden yellow; large flowers, borne profusely until frost..... 10



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Dwarf (Large Gladiolus Flowered) French Cannas.

A new class of Cannas, introduced by Monsieur Crozy, a successful grower and improver of these magnificent plants. The foliage is luxuriant and varied in color, and the plants dwarf in habit, averaging not over three to four feet in height. Their great merit, however, lies in the large size and dazzling 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 green-house from January to April will produce flowering plants in July. *HHP.* (See cut.) **Mixed.** Contains many beautiful new varieties. Per packet, 15 cts.

We also have Seeds of six distinct and beautiful named varieties at 15 cts. per packet each, or the set for 75 cts.

CANNA. Old Types.

	Per Pkt.
Marechal Vaillant. Flowers orange, foliage bronze, 4 to 6 ft.	10
Musæfolia Hybrida. Flowers red, foliage green, 2 ft.	10
Nepalensis. Canary yellow, foliage green, 3 ft.	10
Zebrina. Flowers scarlet, foliage striped, 4 ft.	10
Mixed. Including many varieties.	5
<i>Imported collection of six separate sorts, Old Types, 50 cts.</i>	

CANDYTUFT.

Dwarf plants, flowering profusely throughout the whole season; great favorites for beds, edgings, pots, borders, etc.



CANDYTUFT, EMPRESS.

Annual Varieties.

Hardy Annuals, growing three-quarters to one foot high.

Candytuft, Empress

A most beautiful variety, bearing a series of candle-bra-shaped branches, each producing a large truss of pure white flowers, thus presenting a perfect pyramid of bloom throughout the summer. (See cut) ... 10

— **Carmine** ... 10

— **Crimson** ... 5

— **Lilac** ... 5

— **Purple** ... 5

Tom Thumb Candytuft.

Only four to six inches high; splendid for edgings.

Candytuft, White.. 10

— **Flesh** ... 10

— **Rose** ... 10

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PETER HENDERSON & CO., NEW YORK

LARGE FLOWERED DWARF FRENCH CANNAS.

Per Pkt.

— Candytuft, White ..	5
— White Rocket ..	5
— White Fragrant ..	5
— Mixed Colors ..	5

"CUP AND SAUCER" CAMPANULA.

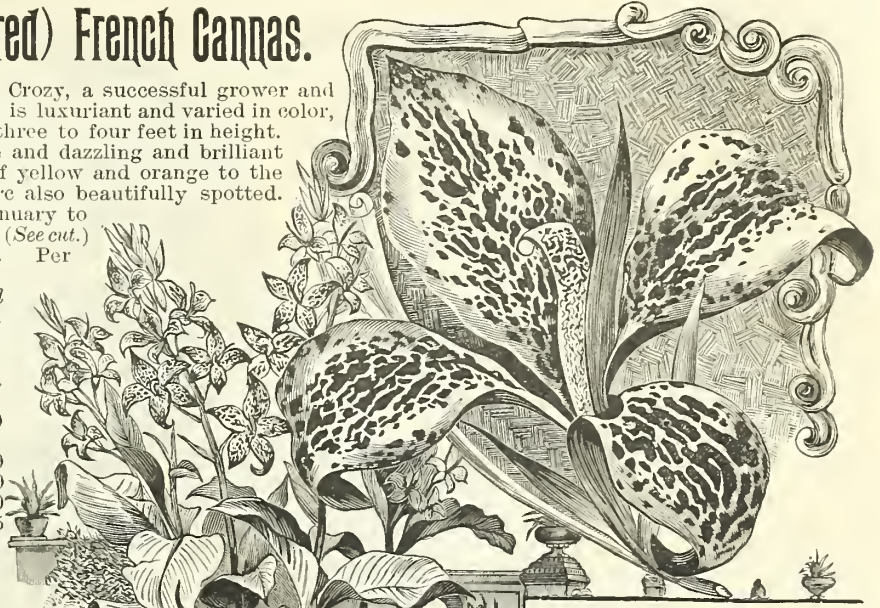
(*C. Calycanthema*.)

Per Pkt.

A comparatively new race of "Canterbury Bells." The flowers are large, of beautiful colors, resembling in shape somewhat a cup and saucer. *HB.* 1½ ft. (See cut.) **Campanula Calycanthema, Mixed.** Blue, white, lilac, etc. 10
— **Rosea.** Beautiful rose color. Exquisite. 15



CUP AND SAUCER CAMPANULA.



Hardy Perennial Candytuft. Per Pkt.

Iberis Sempervirens. (Evergreen Candytuft.) White. 1 ft.	10
— La Purite. Compact, dwarf, white. 6 in.	15
— Gibraltica. Showy, large growing, red, rose and white. 1 to 2 ft.	25

Campanula.

Well known favorites; bearing large bell and saucer-shaped flowers in profusion; well adapted for borders and for pot culture.

Hardy Perennial Varieties.

Campanula Carpatica, Mixed. Blue and white; dwarf, 9 in.	5
— Pyramidalis, Mixed. Blue and white; a grand sort, known as the "Pyramidal Bell Flower." 4 ft.	5
— Rotundifolia, Mixed. Blue and white; the "Blue Bell or Hair Bell." 6 to 12 in.	10
— Punctata. New spotted Bell Flower. An elegant, new variety. 1½ feet high. Large, pendulous, bell-shaped flowers, white, dotted and striped with red. Produced the entire season.	25

ANNUAL VARIETIES.

Campanula Speculum, Mixed. "Venus' Looking Glass." Blue and white; pretty. ½ ft.	5
— Double. Charming double blue.	10
— Macrostyla. Singular and curious variety; violet; oddly veined. 1 to 2 ft.	10

CANTERBURY BELL.

Produces large, nodding and charming flowers of many shades. <i>HB.</i> 2½ ft.	
Single Striped. Blue, striped white.	10
Single Mixed. Rose, blue, white and lilac.	5
Double Mixed. Rose, blue, white and lilac.	5

CANARY BIRD VINE.

A rapid growing summer climber, with canary yellow flowers, resembling somewhat a canary bird with expanded wings. <i>HHA.</i> 10 to 15 ft.	10
--------------------------------------------------------------------------------------------------------------------------------------------------	----

NEW "MARGUERITE" CARNATIONS.

A magnificent new class of Carnations that are without exception the most abundant bloomers of all the "Pinks." The flowers are of brilliant colors, ranging through many beautiful shades of reds, pinks, white, variegated, etc.; they are of perfect form and large size, and what is of special value, the calyx never bursts. *They bloom in about four months after sowing the seeds*; those sown in spring commence flowering in early summer, and continue to bloom in lavish profusion 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. They come eighty per cent. double. The plants are dwarf, much branched, compact and robust in habit, consequently supporting themselves without the use of unsightly stakes. These Carnations are of unusual merit and destined to create a sensation. (See cut.)
Per packet, 25 cts.

CARNATION.

Deserving of general cultivation; charming and brilliant colors, delicious perfume. For pot culture in the winter or for bedding out in the summer they are unsurpassed. *HHP.* 1 to 2 feet. (See cut.)

Carnation, Choicest Mixed Bizarres. Flakes, fancy and selfs, very double, including crimson, rose, white, yellow, purple, striped and flaked with various colors. Per Pkt. 50

— **Perpetual, or Tree. Mixed.**
From a choice collection.
Fine for winter flowering . . . 50

— **Choicest Mixed Picotee.**
Flowers all of one color, white or yellow; each petal, however, is bordered with purple, red or rose. 50

— **Le Favori.** Rosy carmine, per packet of 12 seeds. 25

— **Hermine.** Snow white, per packet of 12 seeds. 25

— **Jean Sisley.** Salmon yellow, per packet of 12 seeds. 25

— **Grenadin.** Dwarf and early, brilliant double scarlet flowers. 25

— **Grenadin, New White.** (See *Novelties*.) 25

— **Finest Double Mixed.**
From open ground plants. 25

— **Double Mixed.** (A small per cent. will come single.) 10

Imported collection of 6 finest double, separate sorts, 50 cts., or 12 for \$1.00.



NEW "MARGUERITE" CARNATION.

CELOSIA, or COCKSCOMB.

Highly ornamental for flower beds and pot culture. *HHA.* Per Pkt.

Celosia, Queen of the Dwarfs. This is the finest Cockscomb we ever saw. The combs are from seven to ten inches across, of perfect form and of a brilliant dark scarlet. 8 in. high. (See cut.) . . . 25

— **Variegata.** Striped gold and crimson. 2 ft. 5

— **Japonica.** Pyramidal plant, composed of crimson branches, each bearing a comb of the same color and finely ruffled. 5

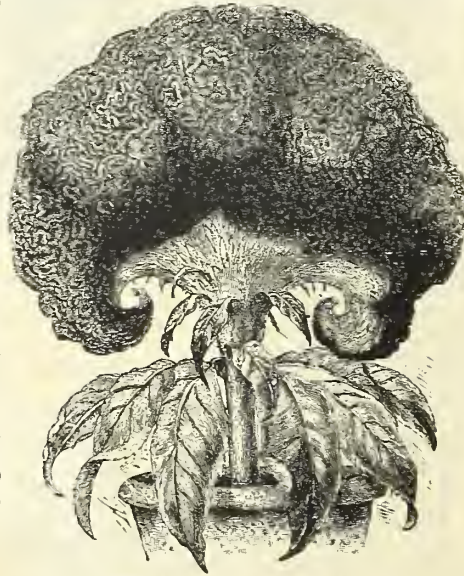
— **Glasgow Prize.** Very dwarf; immense crimson combs. 1 ft. 10

— **Dwarf Crimson.** 1 ft. 5

— **Dwarf Golden Beauty.** Golden yellow combs. 1 ft. 5

— **Dwarf Mixed.** Many colors 5

Imported collection of 6 dwarf varieties, 30 cts.



COCKSCOMB "QUEEN OF THE DWARFS."

PLUMOSA, FEATHERED COCKSCOMB.

Plants surmounted with long feathery plumes.

Plumosa, Golden Yellow. 3 ft. 10
— **Scarlet.** 3 ft. 10 | — **Mixed Colors.** 10

CENTAUREA CYANUS.

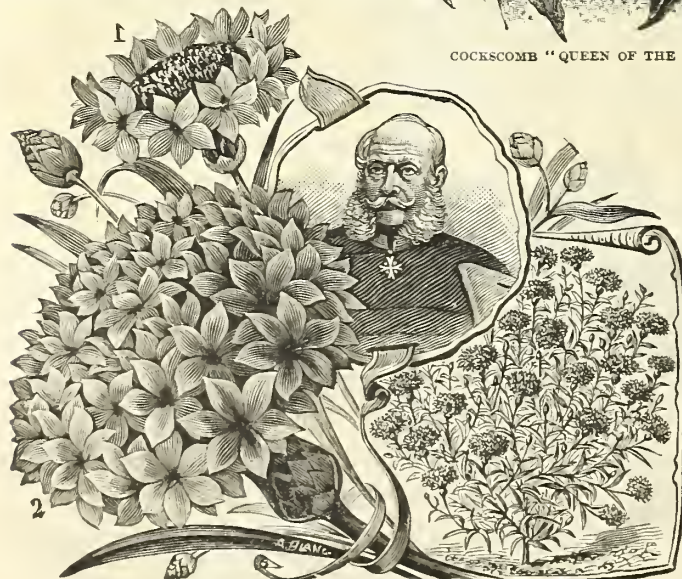
RAGGED SAILOR, CORN FLOWER OR BLUE BOTTLE.
Varieties Grown for Flowers.

Centaurea Cyanus. An old favorite garden annual. Fine for cut flowers. *HA.* 2 to 3 feet.
— **Blue.** 5 | **Centaurea Cyanus, White.** 5
— **Rose.** 5 | — **Mixed.** 5
— **Americana.** Large growing, and showy for large borders or backgrounds; purplish red. *HA.* 3 ft. 5
New Double Flowered Corn Flower (Centaurea cyanus fl. pl.)
Produces double flowers of large size and filled up to the centre with florets, forming handsome globular flower heads. (See cut and note the difference between the old style No. 1) 15

CENTAUREA.

White Leaved or Dusty Miller Varieties.

Valuable plants for ribbon bedding, the silvery whiteness of the leaves being very effective with other colored leaved plants.
Centaurea Candidissima. Dwarfest. *HHP.* 1 ft. 15
— **Clementi.** Drooping, fringed leaves, 1 1/4 ft. 15
— **Gymnocarpa.** One of the best. 1 1/2 ft. 10



NEW DOUBLE FLOWERED CORN FLOWER.

CHRYSANTHEMUMS.

THESE MAKE A GORGEOUS DISPLAY IN THE FLOWER GARDEN, OR GROWN IN POTS.

Single Annual or "Painted Daisy" Varieties.

Thrifty summer blooming plants, producing quantities of large flowers, these single sorts being particularly attractive. Colors, crimson, gold, maroon, white, etc., making a brilliant display. *HA.* 12 to 18 inches high. (See cut.) Per Pkt.

Burridgeanum. White, crimson and yellow.....	5
Eclipse. Golden yellow, scarlet ring; centre rich brown.....	5
Golden Feather. Foliage golden yellow; flowers white with crimson ring, inner circle of canary, maroon eye.....	10
Gladstone. The whole flower is a brilliant rich crimson.....	10
Lord Beaconsfield. Crimson, maroon edged and striped gold, brown eye, ringed yellow.....	10
Segetum Grandiflorum. Sulphur yellow flowers, 2½ inches across.....	5
The Sultan. Crimson maroon, centre a wide gold ring.....	10
Venustum. White, crimson centre.....	5
Single Mixed. Annual sorts.....	5

Imported collection of 6 sorts, 25 cts.

Double Annual Varieties.

Double Golden Yellow.....	5
Double Sulphur Yellow.....	5
Double White.....	5
Double Scarlet.....	15
Double Mixed. (Annual).....	5

Inodorum Plenissimum. A semi-trailing variety; small double white flowers borne throughout the season in profusion. Fine for vases and cutting.10

CHRYSANTHEMUMS.

Hardy Double Perennial Varieties.

See our special \$100.00 prize offer for the best new plants from seeds of these gorgeous autumn flowering favorites on page 59.

SINGLE PERENNIAL VARIETIES

—OR—

PARIS DAISIES.

These are the "French Marguerites" or "Paris Daisies" so much grown for cut flowers. They flower all summer in the garden and make elegant pot plants for winter flowering. Per Pkt.

Chrysanthemum Frutescens Grandiflorum. White, dark eye.....	10
Comtesse de Chambord. Large golden yellow.....	25



CEPHALANDRA PALMATATA.

CEPHALANDRA PALMATATA.

Scarlet Fruited, Palm Leaved Climber.

A beautiful rapid growing climber from South Africa, growing 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. This luxuriant climber will grow almost anywhere. (See cut.) Per pkt., 25 cts.

CHRYSANTHEMUM LATIFOLIUM OR MAXIMUM.

The Great White "Moon-Penny" Daisy.

This is one of our finest hardy perennials, forming bushy plants about two feet high, which are literally covered with large, pure white flowers three inches across. They are highly prized for cutting purposes and last in water for fully a week in perfect condition. They flower in the late summer and are very effective for garden decorations. (See cut.) Per packet, 25 cents.

COBÆA.

Elegant rapid growing climbers that can be grown in the green-house in winter, or in the open ground in summer; flowers bell-shaped. *HHP.* 20 to 30 ft. Per Pkt.

Cobæa Scandens, Blue.....	10
Cobæa Scandens, White.....	25



CHRYSANTHEMUM LATIFOLIUM OR MAXIMUM.



CLEMATIS

Handsome hardy climbers for training on walls, trellises, etc., or drooping over rock-work. *HP.* 6 to 12 feet. Per Pkt.

Clematis Paniculata (Beautiful Panicked Clematis). This is one of the finest species in cultivation. It is 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. It is perfectly hardy and highly spoken of by the leading horticultural journals of the day as "the coming climber".....25

- **Large Flowering Mixed (Jackman's).** Flowers 3 to 4 in. across, of charming shades of blue, white, purple, etc.....25
- **Coccinea.** Tubular flowers of waxy vermilion, interior yellow.....15
- **Crispa.** Tube-shaped flowers expanding into a star; exquisite pale blue and white; very fragrant.....15
- **Flammula (Virgin's Bower).** Fragrant white feathery flowers, in clusters.10



CHRYSANTHEMUM SINGLE ANNUAL.



COCCINEA INDICA { OR SCARLET FRUITED
IVY LEAVED CLIMBER. *Per Pkt.*

This is a remarkably pretty 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. *HHP.* 10 ft. (*See cut.*).. 10

CONVOLVULUS, or Morning Glory.

The well-known Morning Glories. Splendid climbing and bedding plants. Unequaled for rapidity of growth and profusion of bloom.

Climbing Varieties. (C. Major.)

<i>HA.</i> 30 to 50 ft.	
<i>Per Pkt.</i>	<i>Per Pkt.</i>
— <i>Convolvulus, White</i> 5	— <i>Convolvulus, Rose.</i> 5
— <i>Blue</i> 5	— <i>Blood Red.</i> 5
— <i>Striped</i> 5	— <i>Mixed</i> 5
— <i>Aureus Superbus.</i> A smaller flowering sort, with flowers of golden yellow. 10	
— <i>Mauritanicus.</i> A beautiful trailing variety for vases, baskets, etc.; flowers blue, white and yellow throat. <i>HHP.</i> 3 ft. 10	

Bedding Varieties. (C. Minor.)

These grow only about 1 ft. high; the flowers are freely borne, and remain open all day, if pleasant; splendid for bedding. *HA.* 1 ft.

— <i>Convolvulus, Minor Unicaulis.</i> Rich violet..... 5
— <i>Crimson Violet.</i> Rich crimson violet, white throat, yellow eye.... 5
— <i>Roseus.</i> Rose, with white throat, fringed purple, large golden eye.... 5
— <i>Minor, Mixed.</i> Including many varieties..... 5

CINERARIA

Hybrida or Flowering Varieties.

Magnificent flowering plants in winter and spring for conservatories, etc. The flowers of the Large Flowering type measure 2 in. across, are of white, blue, violet, crimson, etc., covering the plant with a sheet of bloom. *HHP.* 1 ft. (*See cut.*)

<i>Per Pkt.</i>
— <i>Cineraria, Large Flowering Mixed.</i> From choicest prize varieties. 1 ft..... 50
— <i>Cineraria, Dwarf Large Flowering Mixed.</i> 3/4 ft..... 50
— <i>Good Mixed</i> 25
— <i>Double Large Flowering Mixed</i> 50

Cineraria, or White Foliage Varieties.

Also known as "Dusty Miller." Used for ribbon planting, vases, etc. *HHP.*

— <i>Maritima.</i> Silvery leaves, compact habit. 1 ft..... 10
— <i>Acanthifolia.</i> Gray-white leaves, spreading habit. 2 ft..... 10



CINERARIA, LARGE FLOWERING.

COSMOS.

Plants 4 to 6 ft. high; literally covered in the autumn with large single flowers, resembling Single Dahlias. Colors range through shades of rose, purple, flesh, white, etc. (*See cut.*) *Per Pkt.*

— <i>Cosmos, Large Flowering, Mixed</i> 10
— <i>Pearl.</i> Beautiful snow white..... 15

CLEOME PUNGENS.

(*Giant Spider Plant.*) This is a showy, robust growing plant, 4 to 5 ft. high, producing long curious spikes of flowers of bright rose color with long antennae-like stamens, giving a very graceful cloud-like effect. They are of easy cultivation, blooming even when the plants are small, and continuing until late in the season. (*See cut.*)..... 10

CYPRESS VINE.

Summer climbers, feathery foliage and little star-shaped flowers borne in clusters. *HHA.*

— <i>Cypress Vine, White</i> 5	— <i>Cypress Vine, Mixed</i> 5
— <i>Rose</i> 5	— <i>Ivy Leaved, Scarlet flowers</i> 5



COSMOS.



CLEOME PUNGENS.

COLEUS.

Plants with richly colored foliage of maroon, green, crimson, yellow, etc., veined and spotted in a beautiful manner. For groups on lawns and ribboning they are indispensable. *TP.* 1 to 3 ft.

— <i>Coleus, Fine Mixed</i> 25
— <i>New Hybrids, Choicest Mixed</i> 50
— <i>New Large Leaved Varieties, Mixed</i> 50

COWSLIP.

The well known favorite English Cowslip, flowering early in spring. *Cowslip, Mixed Colors.* *HP.* 3/4 ft..... 5

COSMIDIUM.

Showy annual for beds and borders, flowers large crimson, brown and yellow. *HA.* 2 ft.. 5

COLLINSIA.

Free flowering annuals of great beauty, for massing and mixed flower borders. *HHA.* 1 to 2 ft. *Mixed Colors*..... 5

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.

- Red Hawk's-Beard (*Crepis rubra*)..... 5
- White Hawk's-Beard (*Crepis alba*)..... 5

CYCLAMEN, Persian.

Beautiful low growing plants for pot culture, with elegantly marbled foliage. In the winter and spring a great profusion of exquisite flowers of rose, red, white, spotted, are produced. HHP. bulbs. ½ ft.

- Cyclamen Persicum, Finest Mixed..... 25
- Giganteum, Mixed. (See cut.) Flowers of enormous size for a Cyclamen; 2 to 2½ in. long..... 50

DATURA.

Strong growing plants, known as "Angels' Trumpets"; large showy flowers, suitable for borders. HA. 2 to 3 ft.

- Datura, Double Golden. Large golden yellow flowers fully three inches long and nearly as broad, called double from the fact that the flowers are formed of usually three frilled funnels set one inside of the other; very fragrant and handsome. (See cut.)..... 10
- Wrightii. Large white and lilac flowers..... 5
- Fastuosa fl. pl., Mixed. Fine double varieties..... 5

DAHLIA.

Large, magnificent flowers, of the richest shades of orange, maroon, crimson, white, etc., indispensable for garden decoration. HHP. 4 to 6 ft.

Double Varieties. Per Pkt.

- Dahlia, Fine Double Mixed. Many colors. 10
- Extra Choice Double Mixed. From named varieties..... 25
- Pompone, Double Mixed. Small flowering..... 25

Single Varieties.

- Very popular and showy, and fine for cut flowers.
- Dahlia, Single Mixed..... 10
- Striped Mixed. Large flowers, handsomely striped and spotted; they flower profusely the first season from seed..... 15

CACTUS DAHLIA.

- D. Juarezii. Brilliant scarlet flowers of distinct and remarkable appearance, and worthy of extensive cultivation..... 25

DOLICHOS.

The Egyptian or Hyacinth Bean; a rapid summer climber, bearing large clusters of showy flowers. TA. 10 ft.

- Dolichos Lablab, Purple 5; White 5
- Mixed Colors..... 5



DOUBLE GOLDEN DATURA.

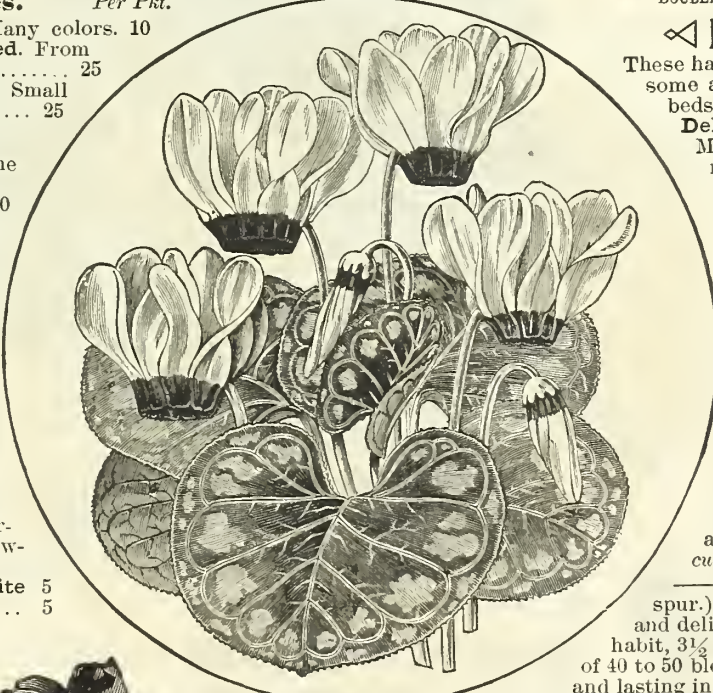
DELPHINIUM.

These hardy Larkspurs are very handsome and well suited for permanent beds. HP. Per Pkt.

- Delphinium Brunonianum. (New Musk-Scented Larkspur.) Very rare and new; flowers very large, 1 to 2 inches across; light blue, shading to purple on the margins, with a black centre; they emit a powerful musky odor. The plant is of dwarf habit, 6 to 12 inches high..... 25

- Delphinium Grandiflorum Flore Pleno. This we think is the finest strain grown of this indispensable hardy garden favorite; 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. (See cut.)..... 25

- "Zalil" (Hardy Yellow Larkspur.) Pure sulphur yellow, a lovely and delicate shade; plant of branching habit, 3½ to 4½ ft. high, bearing spikes of 40 to 50 blossoms, each 1 inch in diameter and lasting in flower from June till August. 15



CYCLAMEN GIGANTEUM.

- Cardinale. (See Novelties.)..... 25
- Cashmerianum. Pale blue flowers, 1 to 2 inches across. HP. 2 ft..... 10
- Elatum. "Le Mastodonte." (Giant Bee Larkspur.) Large blue flowers. HP. 3 to 6 ft. 25
- Formosum. Blue, white centre, 2 to 3 ft. 5
- Nudicaule. Large bright scarlet flowers, 1½ ft..... 10
- Finest Mixed Hybrids. Single, includes many varieties..... 5

For Annual Varieties, "See Larkspurs."

DIGITALIS.

- "Foxglove" or "Witches' Fingers"; ornamental hardy border plants, having long spikes of showy flowers. HP. 3 to 5 ft. (See cut.) Per Pkt.
- Digitalis, White... 5 | — Purple... 5
- Mixed..... 5 | — Spotted Mixed 5
- Monstrosa, Mixed. Long spike, surmounted with one enormous flower; novel and beautiful..... 15



DIGITALIS.



DELPHINIUM GRANDIFLORUM FLORE PLENO.

DIANTHUS OR PINKS.

The family of "Pinks" are unrivaled for brilliancy and rich variety of color, as well as for their delicious perfume; they make showy flower beds, blooming profusely all summer.

Double Annual Varieties.

Dianthus, Snowflake. Purest white; flowers of immense size, very double and delicately fringed at the edges of petals. 15

- | | | |
|------------------------------------------------------|--------------------|----------|
| — Chinensis fl. pl., Mixed. | China or | Per Pkt. |
| — Indian Pink. | 1 ft..... | 5 |
| — Alba fl. pl. | Double White.... | 5 |
| — Double Crimson. | Rich color.... | 10 |
| — Heddewigii fl. pl., Mixed. | Japan | |
| pink, large flowers..... | | 10 |
| — Diadematus fl. pl., Mixed. | Diadem | |
| Pink; compact; flowers densely double. | | 10 |
| — Imperialis fl. pl., Mixed. | Imper'l pink | |
| — Laciniatus fl. pl., Mixed. | Dbl. fringed | 10 |
| — Striata fl. pl. | Large dbl. fringed | |
| flowers of many colors, all striped.... | | 10 |
| — "Mourning Cloak" or "White | | |
| Frill." Violet, black and maroon flower- | | |
| ers, bordered white. (See cut.)..... | | 10 |
| Imported collection of 8 distinct varieties, 50 cts. | | |



DIANTHUS, "CRIMSON BELLE" AND "EASTERN QUEEN."

DIANTHUS.

Single Annual Varieties.

Flowers very large and freely produced, and of the richest colors and finely fringed. The plants are of fine bushy habit, and produce an abundance of bloom, continuing uninterrupted till late in autumn. (See cut.)

- | | | |
|--------------------------------------------|----------------------------------|----|
| Dianthus, Little Gem. | (See Novelties.) | 25 |
| — "Crimson Belle." | Velvety glowing | |
| crimson. (See cut.)..... | | 10 |
| — "Eastern Queen." | Beautifully mar- | |
| bled with light and dark mauve. (See cut.) | | 10 |
| — Snowflake. | Pure snow white.... | 10 |
| — Laciniatus, Mixed. | Finest fringed | |
| sorts..... | | 5 |
| — The Bride. | Large flowers of perfect | |
| form, marked with velvety dark violet, | surrounded with snowy white..... | 10 |



DIANTHUS, MOURNING CLOAK.

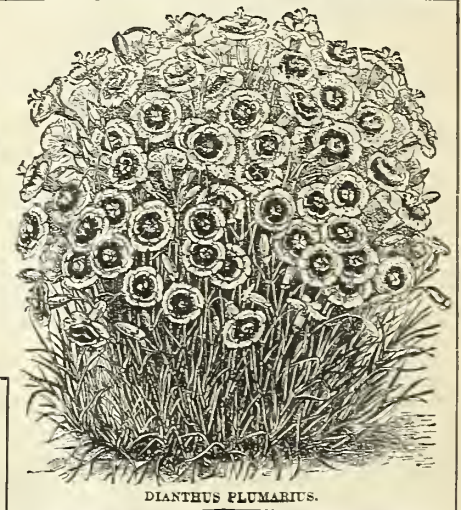
DIANTHUS.

Hardy Double Perennial Varieties

These make splendid clumps for permanent beds. Per Pkt.

- | | | |
|---------------------------------------|--------------------------------------|----|
| Dianthus Gardnerianus fl. pl., Mixed. | Large fragrant flowers..... | 5 |
| — Plumarius fl. pl., Mixed. | Double | |
| Pheasant's-Eye Pink, fragrant fringed | flowers, white, crimson, variegated, | |
| etc..... | | 25 |
| — Scoticus, Mixed. | "Scotch Pais- | |
| ley Pink"..... | | 50 |
| — Semperflorens Hybridus fl. pl. | Double "Mule Pink"..... | 50 |

(See also Carnations and Sweet Williams.)



DIANTHUS FLUMARIUS.

Hardy Single Perennial Varieties.

Large single fragrant flowers of beautiful colors and finely fringed. Per Pkt.

- | | | |
|-------------------------------------------|-----------------------|---|
| Dianthus Plumarius, Mixed. | Feathered | |
| garden or Pheasant's-Eye Pink. (See cut.) | | 5 |
| — Deltoides. | "Maiden Pink." Rose- | |
| colored flowers; dark circle. | | 5 |
| — Dentosus. | "Amoor Pink." Reddish | |
| lilac, with a ring of purple streaks..... | | 5 |



DICTAMNUS FRAXINELLA.



COPYRIGHTED 1889 BY PETER HENDERSON & CO.

DODECATHEON CLEVELANDI.

New Giant American Cowslip.

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. (See cut.) Per Pkt., 20 cts.

C. R. ORCUTT, San Diego, Cal., writes, March 21st, 1890: "I lately counted on one plant of Dodecatheon Clevelandi 21 blossoms on one stem; 3 stems to a plant."

DICTAMNUS FRAXINELLA.

Burning Bush or Gas Plant.

Very showy garden perennials, forming dense bushes 2½ feet high, with lemon-scented foliage. The flowers are very curious, 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. (See cut.) Per Pkt.

- | | |
|------------------------------|----|
| Red Flowering Variety..... | 15 |
| White Flowering Variety..... | 25 |



DODECATHEON CLEVELANDI. (Giant American Cowslip.)



EUPHORBIA HETEROPHYLLA.

EUPHORBIA HETEROPHYLLA, { THE GORGEOUS ANNUAL POINSETTIA.

“Mexican Fire Plant” or “Fire on the Mountain.” An annual of the easiest culture, forming bushy plants three to four feet high, with glossy green leaves, which form at the ends of the branches into large whorls and bracts, which in summer and autumn become blazed with a darker fiery scarlet so that only a tip of green is left. The effect is indescribably grand. The seeds grow easily if sown in the open ground as soon as it is warm enough, but if they can be started early in the house or hot bed the brilliant scarlet color will appear much earlier in the season, and is always retained until frost. The plants should be grown in a warm situation, fully exposed to the sun, which enhances the brilliancy and hastens the coloring. If they are pruned when young they branch out into finely formed bushes. This “Annual Poinsettia” is also valuable as a pot plant for house culture. Seeds sown early in the summer will produce plants that retain their glowing scarlet leaves and bracts all winter. (See cut.) Per packet, 15 cts.

EUPHORBIA VARIEGATA.

“Snow on the Mountain.” A large, robust growing hardy annual, with very ornamental green foliage, striped with white. HA. 2 ft. Per pkt., 5c.

FENZLIA DIANTHIFLORA ROSEA.

A charming hardy annual from California, forming compact, tuft-like plants, two to three inches high, bearing in abundance large flowers of a lovely rose color. A desirable edging or creeping plant. Per packet, 10 cts.

GAILLARDIA.

Exceedingly showy, large flowers produced from early summer until frost; unrivaled for cutting. 1 to 2 ft. (See cut.) HHA. Per Pkt.

- Amblyodon. Rich blood red. 10
- Sun Kissed. Gold and scarlet. 10
- Aurora Borealis. Rings of gold, crimson and white. 10
- Gloire de Paris. Salmon. 10
- Avalanche. Satin white. 10
- Flower of Gold. Rich yellow. 10
- Illumination. Red, bordered white. 10
- Collection of above 7 new grand Hybrid Gaillardias. 60
- Mixed Single Varieties. 5
- Lorenziana, or Double Flowering Gaillardia. Large round heads composed of 30 to 50 flowers of orange, claret, amaranth, sulphur, etc. 10



GAILLARDIAS.

ESCHSCHOLTZIA,

Or California Poppies. Showy summer flowering plants; large saucer-shaped flowers of striking brilliancy in the sunlight; they flower profusely throughout the season. (See cut.) HA. 1 ft.

Single Varieties. Per pkt.

- Eschscholtzia. Giant Californian. (See Novelties)..... 25
- Californica. Sulphur yellow with orange centre..... 5
- Rose Cardinal. Beautiful rose color..... 5
- Mandarin. Large flowers of a bright scarlet; inner side rich orange..... 5
- Finest Mixed. Includes many single sorts..... 5

Double Varieties.

- Double White..... 10
- Double Yellow..... 10
- Double Mixed..... 10

GERANIUM.

Gorgeous flowers of hundreds of shades of color, borne continuously, render this the most popular plant grown, either for pot culture in winter or for bedding out in summer. Sown early they flower the first season. HHP. 12 to 18 inches high.

Zonale, or “Horseshoe” Geraniums.

- | | |
|------------------------------------------------------|----|
| Single Mixed, including many varieties..... | 10 |
| Large Flowering Single Mixed from new varieties..... | 25 |
| General Grant. Vivid scarlet; best for massing..... | 10 |
| Double Mixed. Includes many varieties..... | 25 |

Ornamental Leaved Geraniums.

- | | |
|----------------------------------------------|----|
| Gold and Bronze Leaved. Mixed varieties..... | 25 |
| Apple Scented. Foliage fragrant..... | 25 |
| Silver Leaved. Mixed varieties..... | 25 |

Lady Washington Geranium (Pelargonium).

Grand plants for pot culture; colors are rich in the extreme. Finest Mixed..... 50

GLOBE AMARANTH.

- “Bachelor’s Buttons”; ornamental summer-blooming plants and fine for “Everlastings.” HA. 2 ft.
- | | | | |
|------------|---|--------------|---|
| White..... | 5 | Purple..... | 5 |
| Mixed..... | 5 | Striped..... | 5 |
- Nana Compacta. Pyramidal plants, only a few inches high, one mass of little flowers; pretty for edgings or pots. (See cut.)
- | | | | |
|--------------------------------|---|----------------|---|
| Nana Compacta, White | 5 | — Violet Red.. | 5 |
| — Mixed | 5 | | |



GLOBE AMARANTH, NANA COMPACTA.



ESCHSCHOLTZIA.

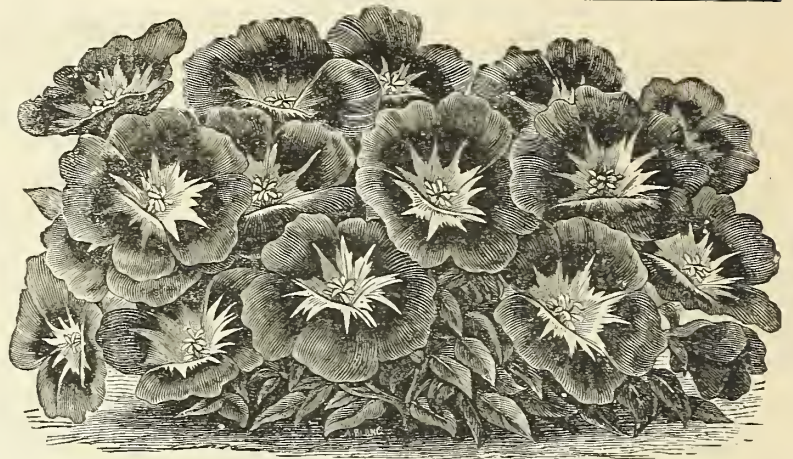
✠ GLOXINIA. ✠

Plants of great beauty for conservatory or green-house ; flowers 2 to 3 inches long, tinted, mottled and marked with delicate and rich colors. *TP.* bulbs, 1 ft. *Per Pkt.*
Large Flowering Mixed. Choice varieties. (*See cut.*) 50
New Scarlet Defiance. Flowers large glowing crimson-scarlet, lustrous and dazzling, edges delicately frilled 50
Emperor Frederick. (*See Novelties*)..... 50

GODETIA.

Handsome summer flowering plants of dwarf, compact growth, bearing freely large flowers 3 to 4 inches across, of exquisite colors and shades. *HA.* 1 ft. (*See cut.*)

Per Pkt.
Lady Albemarle. Crimson and carmine, suffused lilac. 5
The Bride. White, with crimson centre..... 5
Duchess of Albany. Large satiny white flowers 5
Nameless Beauty. White passing into blush with a satin-like lustre, large carmine spots 10
Bijou. Milk white with crimson spots 5 *Per Pkt.*
Apple Blossom. Silvery white, spotted crimson and pink 10
Tom Thumb Brilliant. Carmine, flamed with crimson, shading to rose and blush; rich and glittering..... 10
General Gordon. Rich ruby crimson, edging to rose..... 10
Lady Satin Rose. Rose pink, glossy and satiny. (*See cut.*)..... 10
Queen of the Fairies. Pure white, bordered with rose carnation and beautifully spotted with carmine 15
Finest Mixed. Includes many sorts..... 5



GODETIA, LADY SATIN ROSE.

HELIANTHUS or SUNFLOWER.

Stately growing plants with immense golden yellow flowers; the single varieties are well known, but the double sorts are not; they are magnificent.

Single Varieties.

Per Pkt.
Macrophyllum Giganteus A branching pyramidal-shaped plant; yellow; 6 ft. 5
Miniature Sunflower. Of dwarf branching habit, bearing many little flowers only 2 inches across; orange with black centre; 3 ft. 5
"Oscar Wilde." Orange and black, only 6 inches across 5
Silver Leaved. Silvery foliage; flowers yellow and black 5
Giant Russian. Flowers 18 to 20 inches across; grown principally for the seeds, of which it is very prolific 5

Double Varieties.

Californicus fl pl. Large double orange flowers; 5 ft. 5
Globosus Fistulosus. Perfectly round flowers; very double; saffron; 6 ft. 5
Oculatus Viridis. Double yellow flowers, with green centre; 4 ft. 5
Peruvianus. Double orange flowers, striped with black 10

HELIOTROPE.

Deliciously fragrant flowering plants; 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. *TP.* 1½ ft. *Per Pkt.* 10
Queen of Night. Rich black-purple 15

HELIPTERUM.

Helipterum Sanfordi. Pretty annual, producing large clusters of yellow flowers; an "Everlasting" for winter bouquets. *TA.* ¾ ft. . . 5



GLOXINIA.

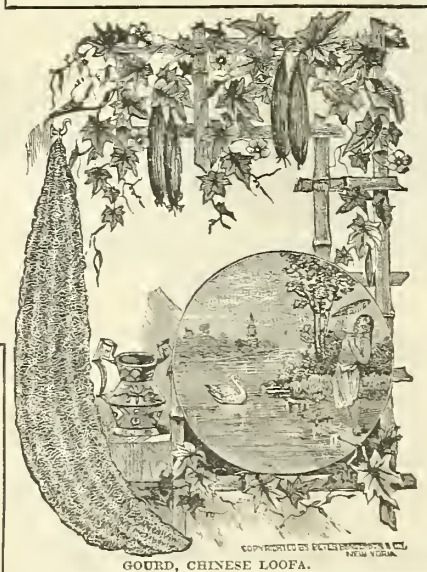
✠ GOURDS. ✠

Summer climbers of exceedingly rapid growth and luxuriant foliage, for covering arbors, etc.; bear fruits known as "Ornamental Gourds." *TA.* 10 to 30 ft.

Gourd, Chinese Loofa, Sponge or Dish Rag. 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. (*See cut.*) *Per Pkt.* 10

Bottle-shaped..... 5	Dipper-shaped..... 5
Sugar Trough..... 5	Orange..... 5
Striped Flat..... 5	White, Nest Egg..... 5
Gooseberry..... 5	
Pear-shaped, white and green..... 5	
Hercules Club. Green fruits 2 to 5 ft. long..... 5	
Serpent Gourd. Carmine fruits 3 to 6 ft. lg. 5	
Mixed, Small ornamental varieties..... 5	
Mixed, Large ornamental varieties..... 5	

Imported collection of 12 separate sorts, 50 cts.



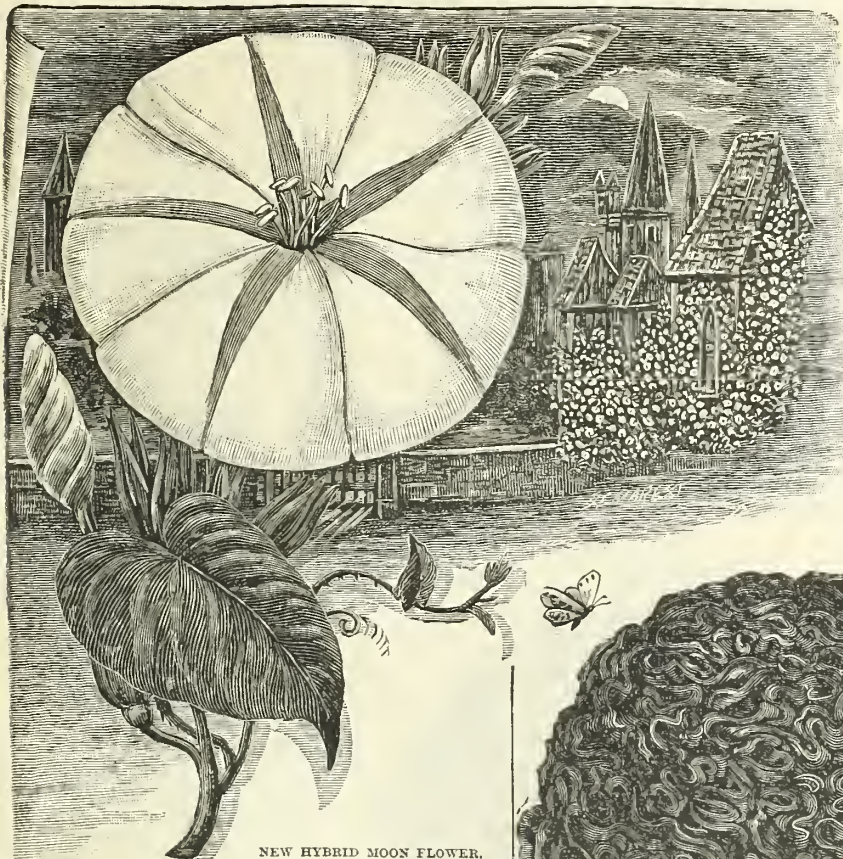
GOURD, CHINESE LOOFA.

HELICHRYSUM.

Showy summer blooming plants; flowers large, full and double; in shades of white, yellow, crimson, etc.; valuable as an "Everlasting" for winter bouquets. *HA.*
Helichrysum, Large Flowering, Double Mixed. (*Monstrosum.*) 2 ft. *Per Pkt.* 5
Small Flowering, Double Mixed. (*Monstrosum Nanum.*) 1 ft. 5
Fireball. Large, dark red, double flowers 5
 Imported collection of 10 separate sorts. 50



HELICHRYSUM, LARGE FLOWERING.



NEW HYBRID MOON FLOWER.

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. *HB.* 5 to 8 ft. (*See cut.*) The seed we offer has been saved from our unrivaled collection of choicest improved double varieties.

New Japanese "Tokio." (<i>See Novelties.</i>)	Per Pkt.	25	
Double White	15	Double Salmon	15
— Pink	15	— Canary Yellow	15
— Blush	15	— Maroon	15
— Crimson	15	— White, Violet Centre	15
— Fine Mixed. Includes many colors	10		
— Extra Choice Mixed. From Chater's collection	15		
— Crimson Pyramid. It grows only 12 to 18 inches high, and produces glowing crimson semi-double flowers from June to September.	50		
<i>Imported collection of 12 separate sorts, \$1.25. Imported collection of 6 separate sorts, 75 cts.</i>			



HENDERSON'S SUPERB HOLLYHOCK.

IPOMŒA.

Rapid growing summer climbers, among our prettiest for covering trellises, pillars, etc. Large beautiful flowers. *HA.* 15 to 30 ft. (*See cut.*) *Per Pkt.* **Ipomœa Grandiflora.** The Moon Flower, "Evening Glory" or "Good Night." Large pure white fragrant flowers in great profusion, opening in the evening; rapid and luxuriant summer climber. 10

New Hybrid Moonflower. In this variety the flowers are much larger, and bloom about 30 days sooner, and they also open earlier in the evening. Foliage and flowers vary in form on different plants, some flowers being scalloped, others perfectly round, others five-pointed or 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. When the magnificent, pure white flowers, 5 to 7 inches across, are open, which is from early evening until 10 to 12 o'clock the next morning, the effect is very grand. (*See cut.*) 15

Burridgi. Rose and crimson 5
Coccinea. (Star Ipomœa.) Scarlet flowers . . . 5
Marmorata. Foliage beautifully striped and variegated, flowers of various colors 10
Hookeri. White, lake red and blue 10
Limbata. Violet, margined white, rose throat . 10
Learii. ("Blue Dawn Flower.") Intensely bright blue. Splendid . 25
Large Flowering Mixed. Many beautiful sorts of imported collection of 10 separate sorts, 75 cts.

Humea Elegans.

A very ornamental plant for pot culture or sub-tropical effects on the lawn. Flowers borne in immense numbers on long drooping branches. Color ruby red, pink and crimson. *HHP.* 5 to 6 ft. *Per pkt.*, 10 cts.



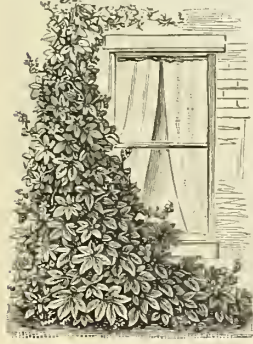
HIBISCUS AFRICANUS OR TRIANON.

HIBISCUS.

Large growing plants bearing showy flowers 3 to 4 in. across; highly ornamental for borders. *Per Pkt.* **Hibiscus Africanus** or **H. Trianon.** Creamy yellow, purple centre, with brown eye. (*See cut.*) *HA.* 2 ft. 5
Coccineus. Bright scarlet. *HHP.* 4 ft. 10
Californicus. 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. *HP.* 10

HUMULUS.

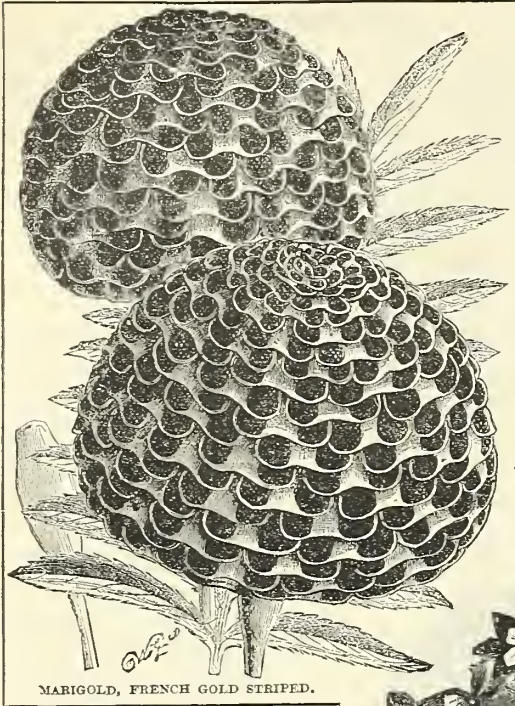
Humulus Japonicus. (Japan Hop.) Probably the most rapid climber grown. The foliage is luxuriant, and it is one of the best plants for covering verandas, trellises, etc. Heat, drought and insects do not trouble it. (*See cut.*) *HA.* 20 to 30 ft. . . . 15



HUMULUS JAPONICUS.

KALANCHOE CARNEA.

Strikingly beautiful for pot culture. Commences to flower at Christmas, and continues to February. The flowers are borne in large wax-like clusters; are of a beautiful delicate pink color, and are deliciously fragrant. *HHP.* 1½ ft. *Per packet*, 25 cts.



MARIGOLD, FRENCH GOLD STRIPED.

Lobelia.

Compacta Varieties.

Little, round, compact plants; fine for edgings, ribbon beds, etc. 4 to 6 inches. (See cut.) Per Pkt.

- White Gem. Pure white.....10
- Prima Donna. Dark wine...10
- Pearl. Pure white, blue edge.10
- Crystal Palace. Dark blue; the finest for bedding.....10
- Blue King. Dark blue, white centre. (See cut.).....15
- Mixed Compacta Varieties.10

Lobelia, Erinus Varieties.

Branching plants, for hanging over vases and baskets. 6 to 9 inches.

- Alba. Pure white..... 5
- Speciosa. Bright blue..... 5
- Gracilis. Light blue; slender, trailing stems..... 5
- Faxtoniana. Snow white edged with blue..... 5
- Mixed, Erinus Varieties.... 5
- Duplex. Blue, double.....10

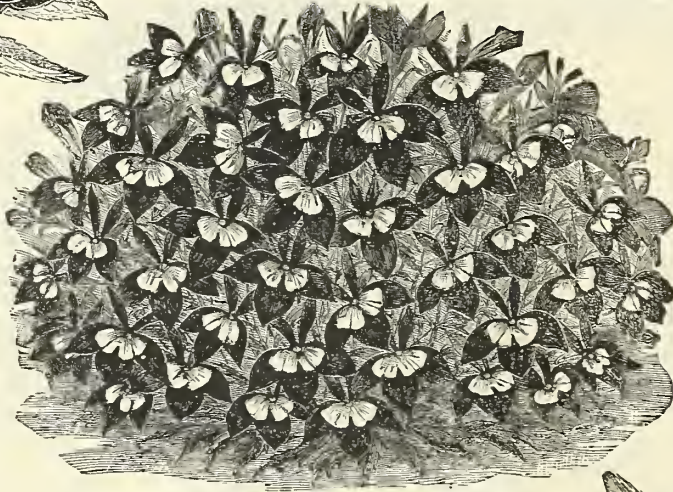
Lobelia, Hardy Varieties.

Tall growing, with showy, rich flowers, for permanent beds and borders.

- Cardinalis. "Cardinal Flower;" spikes 8 in. long, of intense scarlet. 4 ft.....10
- Mixed Hardy Hybrids. Contains many beautiful varieties. 2 to 4 ft.....25

LOBELIA LITTORALIS REPENS.

Trailing branches 1 to 2 feet long; flowers pure white, followed by green pods, which change to red. The flowers, green and red pods are all over the plant at one time, rendering it very attractive for hanging baskets and vases. Per Packet, 25 cts.



LOBELIA, BLUE KING.

MARIGOLD.

Showy summer blooming favorites; very effective for groups and masses. HHA.

African Marigolds. Per Pkt.:

- Double African Mixed. Yellow shades. 2 ft.. 5
- El Dorado. Immense flowers, 10 to 14 inches around; exceedingly double; primrose, lemon and orange and golden shades. 3 ft. (See cut.)..10
- Nugget of Gold. Very double quilled flowers of rich golden yellow.....10
- Fistulosa Lutea. Little, finely quilled, lemon flowers. 1 ft.....10

French Marigolds.

- Double French Mixed. Yellow, velvety brown and crimson, beautifully striped. 1 ft..... 5
- Gold Striped Dwarf. Rich velvety maroon, striped with gold. 1 ft. (See cut.).....10
- Nana Faviflora Brunea. Orange and ruby maroon. 1 ft.....10
- Imported collection of French, 6 separate colors... 30
- Imported collection of African, 6 separate colors...30

MARVEL OF PERU.

"Four O'Clocks;" beautiful summer blooming plants; large flowers of white, yellow, crimson, striped, etc. HA. 2 ft.

- Marvel of Peru, Finest Mixed Colors..... 5
- Variegated Foliage, Mixed. Foliage striped and marked..... 5

LARKSPUR.

Popular flowers for garden and border decoration in summer, bearing long spikes of flowers of many charming colors. HA. 1 ft. high.

Double Dwarf Rocket Varieties. Per Pkt.

- Larkspur, White..... 5
- Azure Blue..... 5
- Apple Blossom Pink..... 5
- Chamois Yellow..... 5
- Mixed Dwarf Rocket Varieties..... 5
- Violet..... 5
- Striped..... 5

Various Double Varieties.

- Larkspur, Tall Rocket, Double Mixed, includes many colors. 2½ ft..... 5
- Emperor, Mixed. Bears about 100 close, erect spikes of flowers. 1½ ft..... 5
- Rosy Scarlet. Bright rosy scarlet; very double flowers on long spikes; beautiful and distinct....15
- Lustrous Carmine. Brilliant, fiery carmine. 2 ft. 10
- Henderson's Giant. A much improved type, the flowers being larger than the old varieties, and the colors very beautiful. Mixed colors. (See cut.)..15

Imported Collections of Larkspurs.

- 12 separate sorts Dwarf Rocket.....50
- 6 " " ".....30
- 6 " " " Emperor.....30

(For Perennial sorts, see Delphiniums.)



"HENDERSON'S GIANT" LARKSPUR.

LATHYRUS LATIFOLIUS.

(Hardy Sweet Peas.)

Hardy climbers, with large clusters of handsome flowers.

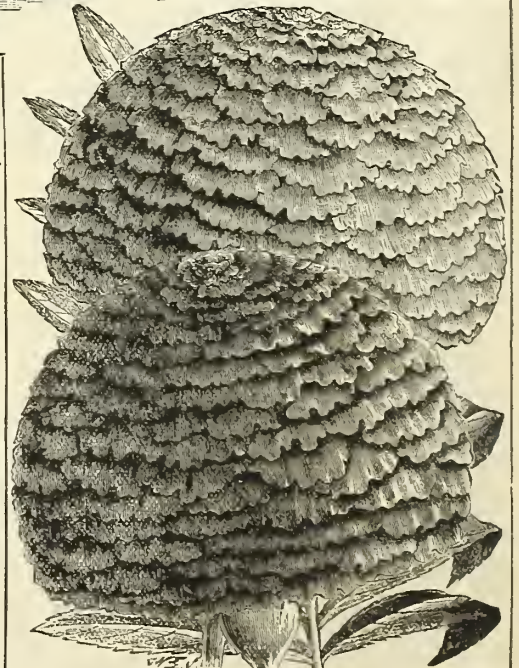
- Lathyrus Splendens, "The Pride of California." Large clusters of brilliant rosy red. 15
- Lathyrus Latifolius. The old favorite red variety.....10

- Albus. Large clusters of pure white; grand, hardy, low climber.....10
- Mixed.....10

MALVA MOSCHATA ALBA.

(White Musk-Scented Mallow.)

This is an attractive garden plant, and grows into a pyramidal bush; produces numerous white flowers the size of a silver quarter. Thrives best in a warm situation. Per Packet, 10 cts.



MARIGOLD—EL DORADO.



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MESEMBRYANTHEMUM.

Mesembryanthemum, Tricolor. Dwarf spreading plants, growing in sunny positions and producing freely large wax-like flowers of various beautiful colors. *HHA.* ½ ft. **Mixed Colors.** Per packet, 5 cts.

MINA.

Mina Lobata. Rapid and luxuriant summer climber. Flowers, 15 to 25 in number, borne on graceful spikes. Color bright red, changing to orange and cream. *TA.* 13 ft. Price, per packet, 15 cts.

MOMORDICA or BALSAM APPLE.

- M. Involucrata.** (New Red Balsam Apple.) A beautiful new luxuriantly growing climber, with vivid green, deeply cut foliage. The flowers are very large; some are creamy white dotted with black, and the males pure white with red pistils. The flowers are succeeded by beautiful sulphur-yellow fruits 2 inches long, which change to rich carmine-scarlet; when ripe they burst and show the seeds of blood-red color. As the fruits and flowers are borne on the vine at the same time, the effect is gorgeous. (*See cut.*) 25
- M. BALSAMINA.** (Balsam Apple.) Luxuriant summer climber with orange fruits. *TA.* 15 ft. 5
- M. CHARANTIA.** (Balsam Pear.) Copper-colored scarlet fruits. 15 to 20 ft. 5

MUSA—ABYSSINIAN BANANA TREE.

Musa Ensete. Magnificent for sub-tropical massing. On the lawn as single specimens they are strikingly effective. Seeds sown early will produce plants 10 to 15 feet high the first season. *TP.* 6 to 20 ft. Per packet of 5 seeds, 25 cts. (*See cut.*)

Myosotidium Nobile.—(New Giant Forget-me-not.)

Beautiful perennial, producing during the spring months, and occasionally in the autumn, large dense clusters of Forget-me-not-like blooms of marvellous and delicate beauty. 1½ ft. Per packet, 25c.



MYOSOTIS, "VICTORIA."

— MIGNONETTE. —

- This deliciously fragrant flowering plant is probably the most popular annual grown. (*See cut.*) *Per Pkt.*
- Mignonette, Large Flowering.** The common sweet Mignonette; per oz., 15 cts.; per ¼ lb., 50 cts.; per lb., \$1.50. 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
 - Parson's White.** Nearly white; strongly scented; long, well formed spikes. 10
 - Large White Upright.** Foliage grayish green; flowers white, on long slender spikes; 2 to 3 ft. 10
 - Giant Pyramidal.** Flowers reddish, sweet scented and very large. 10
 - Red Victoria.** A very fine, distinct, profuse-flowering variety of dwarf, branching habit, bearing large and compact trusses of deep red flowers, very fragrant; excellent for out-door or pot culture. 10
 - Miles' Hybrid Spiral.** Flowers white, very fragrant, spikes 8 to 12 inches long; plant dwarf and branching. 10
 - Machet.** A dwarf French variety, with broad spikes of very fragrant red flowers; one of the best varieties. (*See cut.*) 10
 - Golden Queen.** Golden yellow flowers; dense dwarf growth; fine and profuse flowering. 10

MELOTHRIA PUNCTATA.

(New African Oak Leaved Climber.)

A magnificent rapid growing climbing annual from South Africa, particularly adapted for festooning walls and piazzas that are in sunny situations, though it grows luxuriantly in partially shaded positions. The leaves are palmate (or Palm-shaped) and of a bright, refreshing green, and it grows so luxuriantly that it is difficult to penetrate it with the hand. Flowers are succeeded by great numbers of blue-brown berries. 25

Per Pkt.



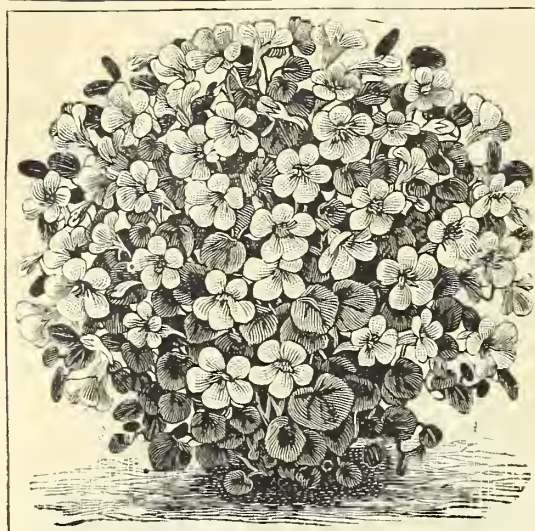
MOMORDICA INVOLUCRATA (NEW RED BALSAM APPLE).

MYOSOTIS or FORGET-ME-NOT.

- The popular "Forget-me-nots." Bushy plants, bearing clusters of lovely small flowers. *HP.* 6 to 12 inches high. *Per Pkt.*
- Dwarf Alpine.** Compact varieties, 4 to 6 inches high; flowering profusely; mixed colors. 10
 - Myosotis Palustris.** Large flowering, dark blue. 1 ft. 10
 - Alpestris, Blue.** 1 ft. 5c. | **White.** 1 ft. 5 | **Mixed.** 5
 - Dissitiflora.** Large, sky-blue flowers; very early and free blooming. 6 to 12 inches. 15
 - Semperflorens.** (Ever-flowering.) Flowering from early spring to autumn. 6 inches. 15
 - Azorica.** Flowers ½ an inch across; rich turquoise blue, without eye; in dense clusters. 6 inches. 15
 - New Victoria.** Plants perfectly 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.*) 15



MUSA OR ABYSSINIAN BANANA.



TOM THUMB NASTURTIUM.

NASTURTIUM.

TALL OR CLIMBING VARIETIES.

Beautiful and luxuriant climbers, for trellises and arbors, of easiest culture, bearing their gorgeous flowers in profusion until killed by frost. *HHA.* 6 to 10 ft.

	Per Oz.	Per Pkt.
Tall Rose.....	25c.	5
— Orange.....	25c.	5
— King Theodore. Maroon...	30c.	5
— Yellow, spotted crimson..	25c.	5
— Purple.....	25c.	5
— Crimson.....	25c.	5
— Lemon Yellow.....	25c.	5
— Chocolate.....	25c.	5
— Scarlet, flamed purple....	25c.	5
— Scarlet.....	20c.	5
— Straw. Striped scarlet....	25c.	5
— Pearl. White.....	40c.	10
— Scarlet and Gold. Bright yellow foliage; flowers dark crimson scarlet; strikingly effective.....		15
— Mixed. Contains many beautiful sorts.....	Per Oz., 15c.; Per Lb., \$1.25	5

Imported collection of 12 climbing varieties, 50 cts.

TOM THUMB NASTURTIUMS.

One of our showiest and most popular annuals. Compact plants, not over one foot high, making gorgeous masses of color. (*See cut.*)

	Oz.	Pkt.		Oz.	Pkt.
Aurora. (<i>See Novelties.</i>)...	15		King of Tom Thumbs.		
Scarlet.....	25c.	5	— Crimson.....	30c.	5
Rose.....	25c.	5	— Spotted.....	25c.	5
Yellow.....	25c.	5	— Ruby King. Ruby red...	30c.	5
Gem. Sulphur, spotted maroon.....	25c.	5	— Pearl. White.....	30c.	5
King Theodore. Dark maroon.....	30c.	5	— Beauty. Yellow striped red	25c.	5
Empress of India. Brilliant crimson, dark foliage, very effective.	40c.	10			
Cloth of Gold. Golden yellow foliage, scarlet flowers.....	40c.	10			
Lady Bird. Orange yellow, red spots.....		10			
Chameleon. Peculiarly marked crimson, bronze and golden yellow..		10			
Mixed. Many sorts.....	Per Oz., 20c.; Per Lb., \$1.75	5			

Imported collection of 12 Tom Thumb varieties, 50 cts.

ÆNOTHERAS OR EVENING PRIMROSES.

(*Enothera turacacifolia.*)

Chilian Evening Primroses. Most effective and desirable for warm, sunny situations in the garden. The plants grow only 6 to 8 inches high, carpeting the ground with picturesque tufts of foliage, which form an emerald setting for the saucer-shaped flowers, which measure six inches in circumference; of easy culture, and should be extensively grown. (*See cut.*) We offer two varieties:

- White. Satiny white flowers, changing to rose later in the day. 10
- Golden. Bright golden yellow flowers..... 10

MIMULUS.—"MONKEY FLOWERS."

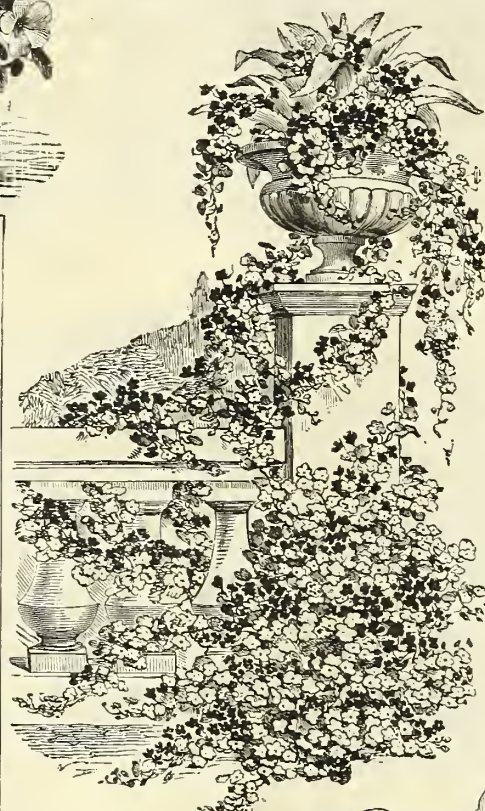
The coloring and markings are rich in the extreme, ranging through velvety crimson, maroon, yellow, white and pink, spotted and blotched in a beautiful manner; they are charming pot plants; they also do nicely if bedded out in summer. *Per Pkt.*

- Mimulus, New Emperor. (*See Novelties.*)..... 25
- Henderson's New Mammoth. A magnificent strain of enormous size.... 25
- Fine Mixed Spotted Varieties..... 10
- Duplex Mixed. Flowers are borne in pairs, one protruding from the other. 15
- Moschatus. (Musk Plant.) Foliage emits a strong musky perfume; yellow. 10

HARDY VARIETIES.

Upright, showy and profuse bloomers for borders.

- Mimulus Cardinalis. Large scarlet flowers. 1 to 3 ft..... 10
- Mixed Hardy Varieties. Contains several colors. 1 to 3 ft..... 10



LOBB'S NASTURTIUMS.

MAURANDIA.

Graceful climbers for window or conservatories, or for open ground in summer; admirable to hang from vases, cover stumps and low trellises, flowering freely. *TA.* 6 to 10 ft.

- Maurandia Hendersoni (*Lophospermum*). Rosy violet, spotted and striped white..... 10
- White..... 10
- Mixed..... 10
- Maurandia, Rose..... 10
- Rich Violet..... 10

LOBB'S NASTURTIUMS.

Tropæolum Lobbianum. The leaves and flowers are somewhat smaller than the ordinary Tall Nasturtiums, 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 green-house and conservatory. *HHA.* 6 to 10 ft. (*See cut.*)

- Brilliant. Rich scarlet..... 10
- Spitfire. Fiery red..... 10
- Triomphe de Gand. Orange-scarlet.. 10
- Roi des Noirs. Black..... 10
- Napoleon. Yellow, striped rosy scarlet. 10
- Geant des Batailles. Carmine..... 10
- New Primrose Yellow. ("Asa Gray.") The lightest color yet produced; a delicate primrose or soft sulphur yellow..... 20
- Finest Mixed Sorts..... 10



CHILIAN EVENING PRIMROSE

COPYRIGHTED BY PETER HENDERSON & CO.

NEMOPHILA.

Splendid for beds; bright colored flowers, marked and spotted in shades of blue, white and violet. HA. 1 ft. **Finest Mixed**..... Per Pkt. 5

NICOTIANA.

Nicotiana Affinis. Sweet scented, pure white, star-shaped flowers, 3 inches across, blooming continually in the green-house in winter or bedded out in summer. 2 to 3 ft. HHA..... 10
Giant Red Flowered. (See *Novelties*)..... 15

OXALIS.

Pretty little half trailing plants, for hanging baskets, vases, rock-work and edgings, flowering in profusion. 6 to 9 inches. HHA.
Mixed. Annual sorts... 10 | **Rose**..... 10 | **White**..... 10
Tropaeoloides. Yellow, with brown foliage..... 10
Valdiviana. Yellow; fragrant..... 10

PLATYCODON.

Platycodon or Wahlenbergia, Large Flowering. The large flowered Chinese Bell Flower; showy hardy perennial for permanent beds or borders, bearing large, broad, bell-shaped white, blue or pink flowers. HP. 6 to 12 in., mixed colors..... 10

❖ **PALM.** ❖

For decorating the green-house, lawn, piazzas, parlors, dinner-tables, centres of vases, etc., nothing can rival their rich tropical effect.

Per Pkt. of 5 seeds each.

- Areca Lutescens.** One of the loveliest of the Arecas. Arching, divided leaves, stems yellow..... 15
- Brahea Filamentosa or Pritchardia.** "The California Fan Palm." A rapid growing variety..... 15
- Cocos Weddeliana.** Elegant small Palm for table decoration, Fern-like foliage..... 25
- Chamærops Humilis.** Large, grand, fan-shaped leaves..... 15
- Geonoma Gracilis.** Handsome, arching, pinnate leaves..... 20
- Kentia Belmoreana.** (The curly Palm.) Its leaves curl under, giving it a peculiarly beautiful effect..... 20
- Kentia Canterburyana.** A beautiful large growing variety..... 35
- Latania Borbonica.** Large fan-shaped leaves, much divided..... 15
- Oreodoxa Regia.** Long, slender, Fern-like, arching leaves..... 25
- Seaforthia Elegans.** Long, arching, graceful leaves..... 25



PALM, KENTIA BELMOREANA.



A beautiful climber flowering in open ground the first season from seed.

SOUTHERN MAY POPS **PASSION FLOWER**

PASSION FLOWER.

Handsome, rapid climbers, for green-house decoration or sunny positions in the open ground in summer. *P. Cœrulea* and *Incarnata* are hardy with us in a sheltered situation. Per Pkt.
Incarnata. (Southern "May Pops"—Passion Flower.) This singular and beautiful climber will flower the first season from seed, and it is a remarkably pretty vine. The flowers, two to three inches across, are of a flesh white with purple rays; these are followed by yellow edible fruits the size of a hen's egg, which are relished in the South and are called "May Pops." The roots are hardy, although the vine dies down to the ground in the winter, but comes up luxuriantly in the spring. If desired, the plants can be potted for winter decoration..... 15
Cœrulea. Large flowers of violet and blue..... 15
Maliformis. Large blue, white and red flowers..... 25
Von Volxemi (Tacsonia). Large scarlet..... 25
Constance Elliott. Pure ivory white, flowering profusely..... 25

PETUNIA.

Few if any plants are more deservedly popular than these for bedding purposes, green-house or window culture, producing showy flowers in profusion.

Single Varieties.

Petunia, Fine Mixed. 5 | — **Striped and Blotched.** **Finest Mixed.** 10
Dwarf Inimitable. Dwarf plants, 6 to 8 inches high, flowers cherry red with a white centre; splendid for edgings, massing, etc..... 10

HENDERSON'S NEW LARGE FLOWERING PETUNIAS.

A magnificent strain with flowers twice the size of the old sorts, and of the most beautiful shades of crimson, white, rose, maroon, etc., blotched, striped, veined, bordered, marked and fringed.

Large Flowering Double. Per Pkt.

Mixed Colors. (See cut.)..... 25 | **Dwarf Double Inimitable.**
Fringed. Mixed..... 50 | 6 to 8 in. high; small double
Green Edged. Mixed..... 50 | cherry and white flowers..... 50

Single Large Flowering Petunias.

Fringed Mixed. Beautifully fringed..... 25
Mixed. All sorts: striped, blotched, veined, fringed, etc..... 25
Yellow Throated Mixed. Having deep throats and veins of yellow; very handsome..... 50



HENDERSON'S LARGE FLOWERED DOUBLE PETUNIAS.



The above illustration represents the following beautiful types, viz.:
 No. 1, Highland; No. 2, Giant Trimardeau; No. 3, German; No. 4, Striped;
 No. 5, Rex; No. 6, White Treasure.

HENDERSON'S NEW MAMMOTH • BUTTERFLY • PANSIES.

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, we are sure that we are offering something that 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. Flowers of much substance.
- PEACOCK.** Upper petals wine red, margined yellow; three lower petals golden 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; upper petals nearly solid claret, margined yellow; grand.
- RED WING.** Beautiful light wine color with broad white margin, velvety violet blotches on lower petals.
- MASTERPIECE.** Velvety chocolate red, shading to wine red, narrow silver and pink margin. Very fine.

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, 25 cts.

- GOLDEN CREST.** Extremely large bright yellow flowers, with three dark blotches. Very striking.
- CINNAMON.** Velvety red brown, with bright gold splashes, dark chocolate blotches, wine red markings.
- TIGER.** Violet and lilac grounds, striped and blotched red, brown, gold, lavender, etc. Odd and beautiful.

GIANT OR TRIMARDEAU PANSIES.

(FIGURE No. 2.)

These remarkably large Pansies for size of flower and robust growth eclipse by all odds any known strain. Unfortunately, as yet we have not a large variety of color in them; but their immense size and vigorous habit more than compensate, for they get such a start in the spring that the hot summer weather seems to have no effect on them, even when other Pansies have almost dwindled away.

- | | |
|----------------------------------------------------------------|-----------------|
| | <i>Per Pkt.</i> |
| Giant Striped. Mahogany, striped with yellow and gold..... | 25 |
| Giant Blue. Bright ultramarine blue, with purple eye..... | 25 |
| Giant Golden. Fine golden yellow, with rich brown blotches.. | 25 |
| Giant Black. Magnificent velvety black..... | 25 |
| Giant White. Pure white, with three dark blue blotches..... | 25 |
| Giant Purple. Royal purple, with an elegant velvety lustre.... | 25 |
| Giant Violet and Gold. A perfectly gorgeous variety..... | 25 |
| Giant Margined. Purple, shaded heliotrope, flower edged white | 25 |
| Giant (Trimardeau) Pansy. Mixed colors..... | 25 |

The collection of Eight Giant Pansies for \$1.75.

- Per Pkt.*
- Pansy, Henderson's Highland. 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. **Mixed colors** (see No. 1) 50
 - **Ozier or Five Blotched.** Contains many beautiful colors; each of the five petals is marked with a large dark blotch. 25
 - **German Finest Mixed**, including many colors (see No. 3).. 15
 - **Good Mixed**..... 5
 - Red Pansy, "Brilliant." 25
 - The first really fine red.. 25
 - Emperor Wm. Dark blue.. 10
 - King of the Blacks, black.. 10
 - White Treasure (No. 6).... 10
 - Beaconsfield, violet, shading to lavender and white.... 10
 - Delicata, porcelain blue, white centre..... 10
 - Snow Queen, satiny white.. 15
 - Rex, deep purple (No. 5) ... 10
 - Fire Dragon, fiery orange and bronze, purple eye... 10
 - Striped (No. 4)..... 10
 - Yellow 10
 - Gold Margined, splendid... 10
 - Azure Blue, fine shade.... 10
 - Bronze..... 10
 - Mahogany..... 10

Imported collection of German Pansies, 6 varieties, 50c.; 12 varieties, \$1.

Phlox Drummondii.

For beds and massing nothing can surpass these beautiful annuals. They produce immense trusses of large brilliant flowers of numberless hues throughout the summer. *HA.* 1½ ft. high. *Per Pkt.*
Phlox Drummondii, Mixed Colors. (50 cts. per oz.)..... 5

LARGE FLOWERING SECTION.

An improved strain with very large, perfectly round flowers, the petals overlapping each other. (*See cut.*)

Pure White.....10	Mixed. Many colors	Red, Striped White...10
Chamois Rose.....10	(p. oz., \$1)10	Crimson, White Eye...10
Brilliant Scarlet...10	Blood Red.....10	Yellow.....10

Imported collection of 12 separate varieties, 75 cts.; 6 separate varieties, 50 cts.

NEW DWARF PHLOX.

These form little round compact bushes about six inches high, thickly studded with large flowers; splendid for margins, low beds and pot culture.

Dwarf White.....10	Red, Striped White...15	Violet and Blue...15
Scarlet.....15	Rose.....15	Blood Red.....10
Delicata. A delicate yellowish rose, with carmine rose centre.....25		
Mixed.....10.	Imported collection of 6 separate varieties, 50 cts.	

NEW STAR-SHAPED PHLOX, "Star of Quedlinburg." Flowers are of regular star-like form. Plant of compact habit, bearing large umbels of flowers. Novel and beautiful. Mixed colors.....15

PHLOX, "BALL OF STARS." (*Light Ball.*) Forms dense round plants not over 6 to 8 inches high, and is fairly covered with star-shaped flowers similar to "Star of Quedlinburg." Mixed colors.....20

NOVEL DOUBLE PHLOXES. The large double flowers are produced in profusion, and last much longer in bloom than the single.
 Double White..... 25 | Rich Blood Red..... 25



PHLOX DRUMMONDI, LARGE FLOWERING.

HARDY PHLOX.

Magnificent flowering plants for permanent beds and borders, bearing immense heads of large waxy flowers of lovely shades of color. *HP.* 2 ft. *Per Pkt.*

Hardy Phlox. Fine Mixed varieties.....	10
Large Flowering Hybrids. Mixed.....	25

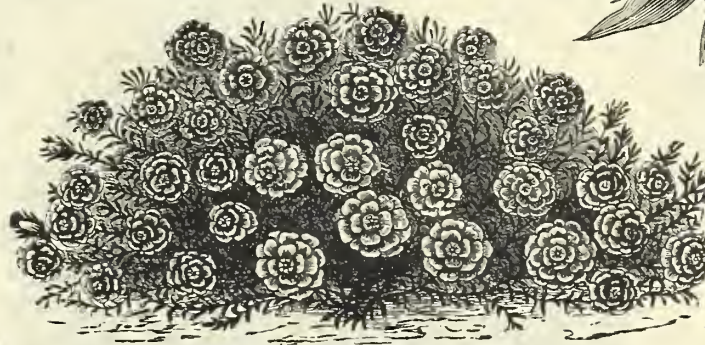
NEW DWARF PERENNIAL. (*See Novelties.*)..... 25



ROMNEYA COULTERI.

ROMNEYA COULTERI.

Great White California Poppy. A fine perennial of stately beauty, flowering from July until November. Valuable as a cut flower, lasting well in water; of delicate Primrose-like perfume. The texture of the petals is extremely delicate, almost half transparent, never losing the crumpled Poppy-like folds. *Our collector writes: "If you could only see these plants, now in bloom, I am sure you would agree with me that there is no finer perennial grown. At first I took them to be large single white Paeonias, as they resemble them very much in foliage as well as in the flowers; the latter are large (4 to 5 inches across), pure white, with a fine bunch of yellow stamens. The plants attain a height here of 6 to 8 feet." It will be hardy south of Washington, but north of that latitude it will require cold greenhouse protection in winter, or it can be kept in a light cellar. (See cut.)* Per packet, 15 cts.



PORTULACA, DOUBLE LARGE FLOWERING.

POLYGONUM.

Variiegated Leaved.

(*P. Orientale foliis variegatis.*) New and beautiful, growing 8 to 10 feet high into a strong bush. The red flowers are borne in spikes 7 to 8 inches long, in great numbers; the foliage is variegated with white. The effect of the flowers against this ornamental foliage is charming. Is of very easy culture; seeds sown in the spring will produce flowering plants by July, and they continue blooming until frost. *Per pkt.*.....15c.

Yellow Striped Red..... 5

DOUBLE VARIETIES, LARGE FLOWERING.

These make perfectly gorgeous masses of color, the flowers of the double sorts, of course, remaining open all day. (*See cut.*)
 Yellow Striped Crimson... 15 | White..... 15 | Scarlet..... 15
 Rose Striped Carmine..... 15 | Sulphur..... 15 | Rose..... 15
 Large Flowering Double Mixed..... 10

Imported collection of 6 separate sorts, 75 cts

PYRETHRUM.

This family contains the well known "Golden Feather," a low growing plant, with yellow foliage, for ribbon beds, edgings, etc.; also, the *Pyrethrum*, from the flowers of which the "Persian," "Dalmatian" and "Buhach" insect powders are made; and it also contains some of the handsomest flowering hardy plants for borders that are in cultivation.

Yellow Foliage Sorts for Ribboning. *Per Pkt.*

<i>Pyrethrum Aureum.</i> Bright yellow foliage. 1 ft. (Per oz., \$1.00) 10
— <i>Laciniatus.</i> Yellow foliage, finely fringed. 1 ft..... 10
— <i>Selaginoides.</i> Handsome Fern-like foliage. ½ ft..... 15

Varieties Grown for Insect Powders.

<i>Pyrethrum Roseum.</i> (Persian Insect Powder Plant.) When grown in California it is called "Buhach." Rose color. <i>HHP.</i> 1 to 2 ft. (Per oz., \$1.00)..... 10
— <i>Cinerariaefolium.</i> (Dalmatian Insect Powder Plant.) <i>HHP.</i> 1 to 2 ft. (Per oz., \$1.00)..... 10

Hardy Flowering Varieties.

Valuable for permanent beds, bearing large bright colored flowers of rose, flesh, pink, white, crimson, etc., which remain in bloom a long time. *HHP.*
Pyrethrum, Single Large Flowering Hybrids Mixed..... 10
 — *Double Large Flowering Hybrids Mixed*..... 25



SHIRLEY POPPIES.

DOUBLE CARNATION FLOWERED POPPIES.

A magnificent class; flowers as round as a ball, very double and with finely cut or fringed petals; the flowers remain a long time on the plants. (See cut.) Per Pkt.

- The Mikado. One of the most charming sorts. Our "cut" conveys a true idea of its quaint—yet artistic—beauty; the petals at the edges are cut and fringed; the color is most attractive and pretty, being pure white at the back, while the fringed edges are of a brilliant crimson scarlet. (See cut.) 10
- Fairy Blush. New; immense double fringed flowers; white tipped with rose..... 10
- Brilliant Scarlet.. 5 Rose... 5
- Silver Gray.. 5 Pure White.. 5
- Scarlet and Yellow..... 5
- White Tipped Crimson..... 5
- Mixed. Contains many colors.. 5

Imported collection of 8 separate varieties, 30 cts.

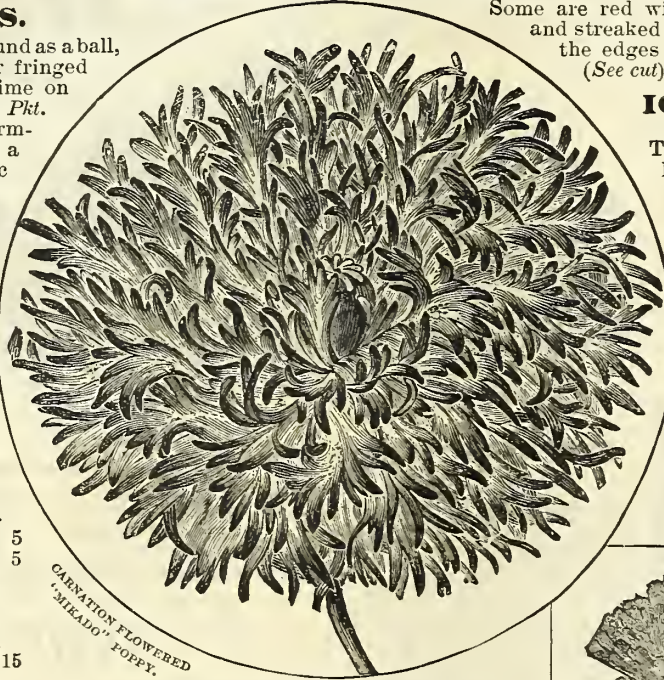
- Poppy, Double French or Ranunculus Flowered Mixed..... 5
- Pæony Flowered Mixed.. 5
- White Striped Scarlet.

An exquisite new color of this favorite and free flowering annual; large double flowers, striped with fiery scarlet on satin white..... 15

- Chamois Rose. Splendid new color; large size; perfect ball-shaped flowers..... 10
- Imported collection of Double French Poppies in 6 separate varieties, 25 cts.



ICELAND POPPY.



CARNATION FLOWERED "MIKADO" POPPY.

JAPANESE POMPONE POPPIES.

Per Pkt.

Small very double flowers, produced in remarkable profusion; many lovely colors in mixture..... 15

Hardy Perennial Poppies.

For permanent beds, these brilliant large flowering hardy Poppies stand unrivaled; the flowers average from 4 to 6 inches across, and are simply grand when in flower.

New Hybrid Oriental. *P. Orientale* x *bracteatum*—hybrids. These new hybrid varieties contain charming new colors, including exquisite blush pink, blotched purple; deep blood red, blotched black; glowing scarlet; pure reddish orange; soft salmon, etc. (See cut.)..... 25

Poppy Bracteatum. (Single.) Orange scarlet; large single flowers..... 10

— **Orientele.** (Single.) Dark scarlet with purple spots..... 10



NEW HYBRID ORIENTAL POPPY.

POPPIES.

Exceedingly showy plants, making a gorgeous display in the flower garden. The seeds must always be sown where the plants are to remain, as they will not bear transplanting.

Single Annual Poppies.

Per Pkt.

- Poppy Danebrog. Large, bright scarlet, with a white cross in the centre..... 5
- Umbrosum. Rich vermilion, with a black spot on each petal, 5
- English Scarlet. The common field Poppy of Britain; bright, dazzling scarlet..... 5
- Peacock Poppy. The flower has a conspicuous glossy black zone near the centre, which brings out the vivid scarlet and cherry crimson; the flowers are nearly four inches across. 10
- Fire Dragon. New, extremely showy and very free flowering, producing flowers four inches across, of brilliant deep scarlet, with black spots margined white. 2 to 2½ ft..... 10
- Single Mixed. Annual sorts..... 5

The Exquisite New Shirley Poppies.

A new strain of beautiful hardy annual Poppies, that deserve to be extensively grown; they flower lavishly for a long period. The illustration (much reduced) conveys but little idea of their exquisite beauty. The originator, Rev. W. Wilkes, says: "The absence of black blood, which I have been years in eradicating, gives them their wonderfully light, bright tissue-paper-like appearance. The colors range from purest white, with yellow stamens, 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." (See cut). In mixed colors, per pkt., 15 cts.

ICELAND POPPIES.

(*Papaver nudicaule*, varieties.)

The fragrant elegant crushed-satin-like flowers are produced in never-ceasing succession from the beginning of June to October. Not only are they attractive in the garden, but for elegance in a cut state they are simply unsurpassed, and they last quite a week if cut as soon as open. They flower the first season from seed, though they are hardy herbaceous plants, and will last for several years. (See cut.) Per Pkt.

- Iceland Poppy, Bright Yellow 15
- Vivid Scarlet..... 25
- Pure White..... 15
- Gold Tinged Crimson 15
- Mixed Colors..... 15

Collection of 4 Iceland Poppies, 60

PRIMULA OR PRIMROSES.

The "Chinese Primrose" is a great favorite for winter blooming in the house and conservatory. The foliage is pretty and attractive, and the flowers, borne in clusters, are perfectly charming and borne all through the winter and spring. One of our best pot plants.

Single Large Flowering Fringed Varieties.

Hybridizing and selection have produced this improved strain, the flowers of which measure from 1½ to 2 inches across, are perfectly round, the edges of the petals overlapping each other and beautifully fringed. (See cut.)

White.....	50	Carmine. Yellow eye....	50	Scarlet. Sulphur eye....	50
Striped.....	50	Red.....	50	Crimson. Spotted white..	50
Alba Magnifica. The finest pure white variety grown; flowers 2¼ inches across, with large yellow eye.....					
Mixed Large Flowering Fringed. Including many sorts.....					
Fern Leaved. Mixed colors, foliage of this class long and Fern-like.....					
Fine Single Mixed Colors. Old type (not fringed).....					

Double Large Flowering Fringed Varieties.

The flowers are not as large as the single sorts, but are double, and remarkably handsome, and remain on the plant a long time.

Double Red.....	75	Double White.....	75
Double Striped.....	75	Double Mixed Sorts.....	75
Cristata Nana. A dwarf-growing, semi-double variety, smaller snow white flowers, with yellow centre; very profuse.....			

PRIMULA OBCONICA. (Ever-blooming Primrose.) Flowers pale lilac, almost white, borne in umbels on long stems; delicately fragrant; in pots it will flower continuously for the greater portion of the year; remarkable keeping properties after being cut, remaining fresh in water from four to six weeks. The plant is dwarf and compact, growing from 6 to 12 inches in height.....25

HARDY PRIMROSES.

Beautiful low growing, early spring flowering plants, fine for rockeries, borders, etc.; the flowers are borne in umbels or clusters on the top of stalks about 4 to 6 inches long.

- 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. *HP.*.....15
 - Primula Macrocalyx.** (Jack-in-the-Green.) Novel; each flower in a cup of green leaves.....25
 - PRIMULA FLORIBUNDA.** (See *Novelties.*).....25
- See also *Auricula, Cowslip and Polyanthus.*



RICINUS CAMBOGIENSIS.

❖ RICINUS. ❖

Known as "Castor-Oil Plant" and "Palma-Christi;" a rapid-growing foliage plant; much used for sub-tropical effects on the lawn, or for centres of beds of foliage plants. *HHA.* *Per Pkt.*

- Borboniensis.** 15 ft. Immense green foliage... 5
 - Gibsonii.** 6 ft. Dark purplish red foliage and stems..... 5
 - Obermanii.** 8 ft. Light red foliage; red fruit.. 5
 - Communis.** Green foliage. 6 ft..... 5
 - Finest Mixed.....** 5
 - Cambogiensis.** Large Palm-like leaves of a bronzy red maroon color, with large red veins; the main stem or trunk ebony black.....15
- Imported collection of 8 separate sorts, 30 cts.



PRIMULA OR CHINESE PRIMROSE.

HARDY PRIMROSES, *Per Pkt.*

- ENGLISH PRIMROSE, Primula Vulgaris.** The old favorite common yellow Primrose, now so popular and fashionable in England, and celebrated as "Beaconsfield's flower".....10
- SIBERIAN PRIMROSE, Primula Cortusoides.** Deep rose, beautiful and free flowering....10

NEW ROSE COLORED ALPINE PRIMROSE.

(*Primula rosea.*)

A new hardy variety from Kashmir, totally distinct from any other and 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. Comes from seed quickly, grows in ordinary soil, and is so free flowering that the smallest plants throw up flower stems. *Per Pkt., 25c.*



RUDBECKIA NEWMANII.

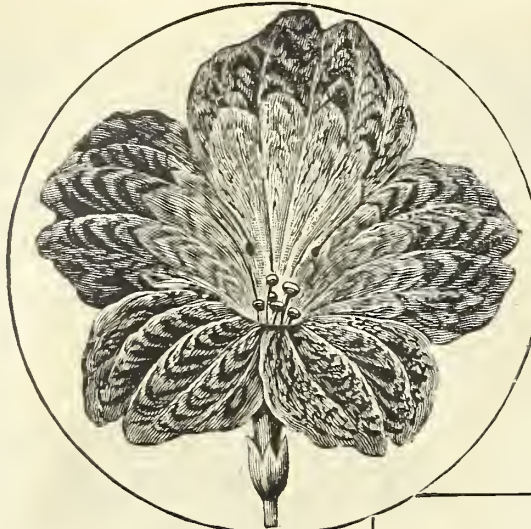
RUDBECKIA—TEXAS CONE FLOWERS.

These robust growing plants are now becoming very popular for border decoration. They are of the easiest possible culture, and bear very showy flowers, with raised, cone-shaped centres during summer and autumn. *Per Pkt.*

- Rudbeckia Bicolor.** An annual variety, 1½ ft. high; immense flowers, bright yellow with black-purple centre.....10
- Newmanii.** Perennial; grows 2 ft. high; large golden yellow flowers with velvety maroon centre cone; flowers 3 to 4 inches across. (See cut.).....15



SALVIA SPLENDENS. (See page 84.)



SALPIGLOSSIS.

SALVIA.

One of our handsomest summer and autumn flowering plants, when they are literally ablaze with brilliant flowers; very effective for massing on the lawn or for ribbon beds. *HHP.* 3 ft. *Per Pkt.*

- Salvia Patens. Bright blue...25
- Splendens. (Scarlet Sage.)
- Scarlet. (*See cut.*).....10
- Coccinea Lactea. Pure milk white. Height, 2 ft. *HHA.*...10

Ten-Weeks-Stocks.

LARGE FLOWERING DOUBLE DWARF.

- A superior strain; very large flowers, extra double.
- Pure White...10
 - Bright Rose...10
 - Canary Yellow...10
 - Violet.....10
 - Blood Red...10
 - Flesh.....10
 - Sky Blue...10
 - Carmine Rose...10
 - Mahogany...10
 - Copper Red...10
 - Mixed, Large Flowering. Many colors.....10
 - Wall Flower Leaved Mixed....15
 - Pyramidal Mixed. A beautiful sort, cone-shaped habit.....15
 - Very Dwarf Snowflake. A beautiful small growing variety with vigorous main spike and numerous side shoots of very large double snow-white flowers; very early.....15
 - Fine Mixed. 10 Weeks Stock... 5



HENDERSON'S COLOSSAL STOCKS.

"CUT AND COME AGAIN" STOCK.

Per Pkt.
This grows about two feet high if sown early; 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. It makes a splendid Stock for cutting and is quite fragrant; succeeds equally well when grown in pots. (*See cut.*).....25

IMPORTED COLLECTIONS OF STOCKS.

- Brompton or Winter Flowering. In 12 separate colors.....75
- Dwarf German Ten Weeks. In 12 separate colors.75
- In 6 separate colors.....50
- Dwarf Pyramidal In 6 separate colors.....50
- Emperor. In 6 separate colors.....50
- Intermediate. In 6 separate colors.....50

SALPIGLOSSIS, or "PAINTED TUBE TONGUE."

The large flowering Salpiglossis is one of the most beautiful of flowering annuals; the flowers are large, of many beautiful colors, and exquisitely veined and laced. *HHA.* 1½ ft. *Per Pkt.*

- Salpiglossis, Large Flowering Mixed. (*See cut.*).....10
- Imported collection of 6 separate sorts, 50 cts.

SCABIOSA, or "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., excellent for bouquets. *Per Pkt.*

- Scabiosa Nana fl. pl., Mixed Drawf Double. 1 ft..... 5
- Maxima Plena Mixed. New, large flowering, tall double sorts..... 5
- New Leviathan. (*See Novelties.*)
- Caucasica (Hardy Caucasian Scabious). Extract from the "Garden": This is one of the handsomest hardy perennials we possess, 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. The plants grow from 2 to 3 feet high, forming a spreading and dense plant, and thriving well in any open place in ordinary garden soil.....15
- Imported collection of 6 separate sorts, 30 cts.

Henderson's New Colossal Stocks.

This magnificent new strain is without a rival. The spikes of bloom and individual flowers are enormous in size and very double, the colors charming, and the fragrance delicious. They remain in flower nearly twice as long as ordinary Ten Weeks Stock. *Per Pkt.*

- El Dorado. Bright sulph. yellow.20
- Rosy Morn. Delicate rosy flesh.20
- Mount Blanc. Purest white...20
- Grand Rouge. Brilliant crimson 20
- Aurora. Shining copper red... 20
- Blue Bells. Pretty shade of blue.20
- Collection of above 6 varieties\$1.00
- Mixed Varieties.....20

Intermediate or Autumn Stock.

- Mixed. Including many sorts...10

Biennial Stock.

- Brompton, Finest Mixed. Large flowering double.....10
- Emperor or Perpetual Mixed. Large flowering double, frequently lasts for several years if protected.....10



"CUT AND COME AGAIN" STOCK.

SWEET WILLIAM.

Hardy plants of extreme richness and variety of color, and also deliciously sweet scented; for clumps or borders no plant can surpass this old favorite, which is greatly improved now, both in size and colors.

SINGLE VARIETIES. Per Pkt.

- Sweet William, Scarlet. Fine..... 5
- Pure White..... 5
- Velvety Red Maroon..... 5
- Henderson's Perfection Mixed. Large flowering. Extra choice strain. (*See cut, page 85.*)15
- Mixed..... 5

Imported collection of 12 separate sorts, 75 cts.

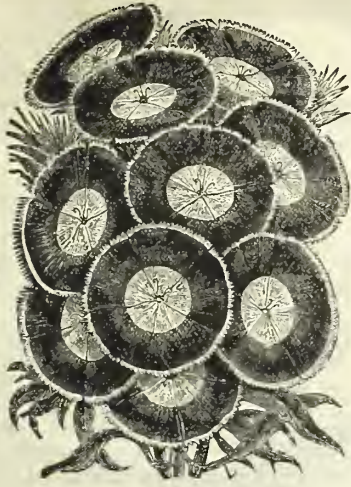
DOUBLE SORTS.

- Sweet William, Double White.....15
- — — — — Crimson.....15
- — — — — Mixed.....10
- — — — — Henderson's Perfection Mixed. Double. Large flowering. Extra choice..... 25

—* SWEET PEAS. —*

No praise is needed for these lovely, deliciously perfumed 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. *HA.* climbers. 4 to 6 ft.

- (See cut.) Per Pkt.
Scarlet Invincible. Brilliant scarlet 5
Adonis. Carmine rose. 5
Butterfly. White, laced blue. 5
Crown Princess. Blush. 5
Princess Beatrice. Rose. 5
Painted Lady. Rose and white. 5
Indigo King. Rich indigo blue. 5
White. 5
Black Purple. 5
Red Striped. 5
Vesuvius. Violet and rose; spotted. 5
Fairy Queen. 5
Invincible Carmine. Glowing carmine. . . 5
Mixed. All colors. Per lb., 75c.; per oz. 5
 15 cts. 5
 Imported collection of 12 separate varieties, 50 cts.; 6 varieties, 25 cts.



HENDERSON'S LARGE FLOWERING PERFECTION SWEET WILLIAM. (See page 84.)

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. Per Pkt.

- Cardinal.** Crimson-scarlet, distinct and handsome. 10
Queen of England. Pure white; a grand large flower. 10
Apple Blossom. Bright rose; wifgs apple blossom. 10
Queen of the Isles. Rose, purple, scarlet and white striped. 10
Grand Blue. Bright blue, mauve and violet. 10
Duchess of Edinburgh. Light scarlet, flushed crimson, splashed at the edge with white; wings deep rose. 10
- Delight.** Beautiful creamy white suffused with rosy pink. 10
Splendor. Rich pinkish rose, shaded with crimson; superbly distinct. 10
The Queen. Light rosy pink standard, wings light mauve. 10
Princess of Wales. Shaded and striped mauve on white ground. 10
Lottie Eckford. An exquisite new variety of fine form. 10
Mrs. Gladstone. Pink standard, blush wings; singularly delicate and pretty. 10

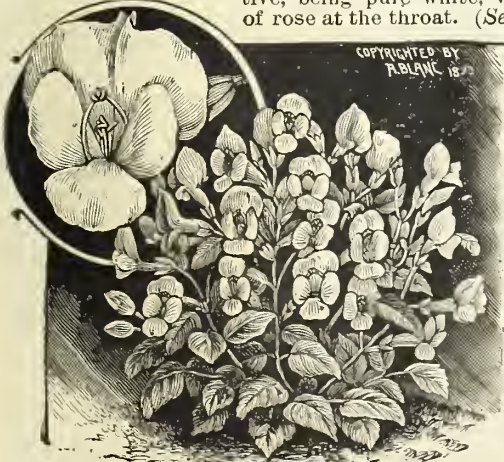
ECKFORD'S NEW LARGE FLOWERING HYBRID SWEET PEAS, MIXED.

Saved from choice named and unnamed varieties, including many new ones of great merit. 10 cts. per pkt.; 50 cts. oz.; \$1.00 1/4 lb.
 Collections of 6 named varieties of Eckford's Large Flowering Sweet Peas, 50 cts.; 12 varieties, \$1.00.

TORENIA.

Beautiful plants for vases, baskets, etc.; they bloom continually during the summer in the open ground, and also in the winter in the green-house. Per Pkt.

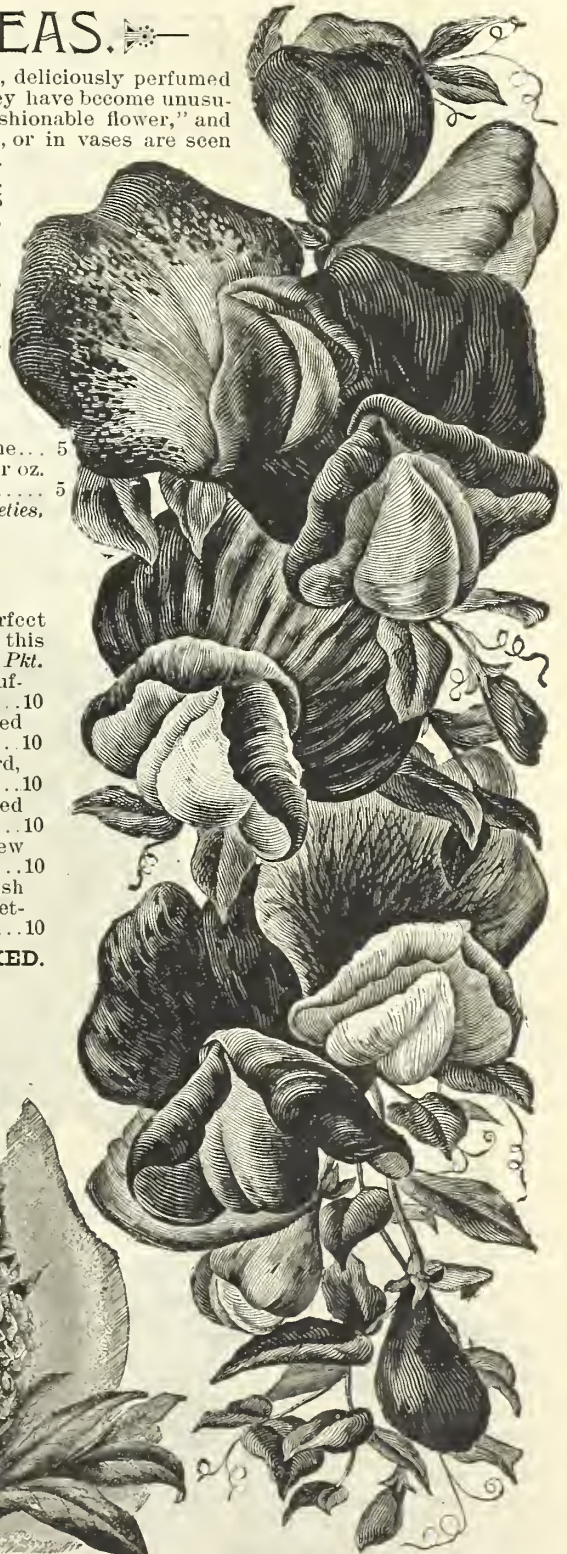
- Torenia Fournieri.** Porcelain blue and rich violet; throat bright yellow; very free flowering. 6 ins. 15
Bailloni. Deep yellow and maroon. 15
"White Wings." This variety is unusually attractive, being pure white, with flush of rose at the throat. (See cut.) 25



TORENIA, "WHITE WINGS."



DOUBLE LARGE FLOWERING WALL FLOWER.



ECKFORD'S LARGE FLOWERING SWEET PEAS.

—* WALLFLOWER. —*

Exquisitely fragrant long spikes of single or double flowers. There are many improved sorts, of which the following are the best.

- Single Large Flowering Varieties.**
Blood Red. 10 | **Rich Purple.** . . . 10
Golden Yellow. . 10 | **Brown & Bronze** 10
Finest Mixed, including many sorts. . . 5
- Double Large Flowering Varieties.** (See cut.)
Canary Yellow. . 15 | **Dark Brown.** . . 15
Purple. 15 | **Striped.** 15
Mixed. 10
 Imported collection of 6 separate sorts, 50 cts

• VERBENA. •

Gorgeous for beds or massing, flowers of the most brilliant colors; blooming continually from spring until late in the autumn. Verbenas grown from seed are always thrifty and free bloomers, flowering the first year from seed. *HHP.* 1 ft.

Hybrida, Pure White.....	15	Fine Mixed	5
— Striped Varieties.....	15	— Finest Mixed Varieties, from P.	
— Bright Scarlet.....	15	— Henderson's celebrated named collection.....	15
— Blue Varieties.....	15		

Henderson's Mammoth Verbenas. Altogether distinct and surprisingly beautiful. 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

Tom Thumb Verbenas. Dwarf and compact, not exceeding 6 inches in height; the branches are only one-half the length of the old varieties, and form almost circular bushes about 2 feet in diameter. Flowers well formed, of various beautiful colors. Mixed..... 25

New Golden-Leaved Verbenas. These exquisite new varieties flower the same as the ordinary. The colors range through various shades. The foliage is golden yellow, beautiful and effective. 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, DWARF GROWING.

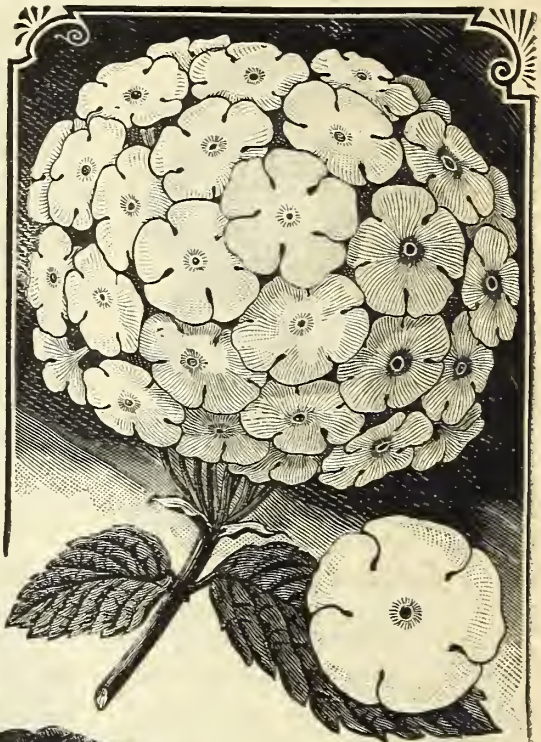
	<i>Per Pkt.</i>
Double White.....	10
— Orange.....	10
— Scarlet.....	10
— Canary Yellow.....	10
— Dwarf Mixed.....	10

Imported collection of 6 separate varieties, 50c.

Zinnia Elegans Tom Thumb, Double Mixed. Compact bushes, not over 12 inches high by about 14 inches in diameter; double flowers borne in profusion..... 15

ZINNIAS—VARIOUS TYPES.

Double Mixed. Old type, tall. 5
Double Pompone. Long cone-shaped flowers; pretty..... 10
Haageana fl. pl. Trailing variety, double orange flowers..10



HENDERSON'S MAMMOTH VERBENA.



HENDERSON'S ZEBRA ZINNIA.

Henderson's Zebra Zinnias.

The flowers of this selection are perfect in shape, of all colors and shades, 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; they are very beautiful and should be grown in every flower garden. Plant symmetrical and compact, and about 2 feet high. (*See cut.*) Price, mixed colors, 10 cts. per packet.

NEW MAMMOTH FLOWERING ZINNIAS.

(*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, comprise new and rich hues. **Mixed Colors..... 15**

SINGLE VIOLET.

The "Sweet English Violet," a favorite little plant, prized for its long continued bloom and its delicate odor. *HP.* ½ ft.

Odorata Semperflorens Varieties.

(Single ever-flowering.) Light Blue..... 10 Purple..... 10 White..... 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. *HP.* ½ foot..... 25

WATER LILIES.

The gorgeous tropical Water Lilies displayed in our public park ponds and fountain basins have proved how easily they can be grown. Tender sorts can be grown in tubs sunk in ponds, etc., and in fall taken up and kept in cellar or under the bench in the green-house.

Hardy Varieties.

<i>Nymphaea Alba.</i> Our native white Lily..	25
<i>Nuphar Lutea.</i> Native yellow Lily.....	15
<i>Nelumbium Luteum.</i> Yellow.....	25
— <i>Speciosum.</i> (Egyptian or Sacred Lotus.) A luxuriant grower, with noble leaves and beautiful large bright rose colored flowers, tinged with crimson; very fragrant. (<i>See cut.</i>).....	25

Tender Varieties.

<i>Nymphaea Zanzibariensis.</i> (The Royal Purple Water Lily.) The finest of blue Water Lilies; very fragrant. 8 to 10 in. across 25	
— <i>Lotus.</i> Large white flowers, suffused with red.....	50
— <i>Amazonum.</i> Sulphur white, yellowish green and purple. 3 to 4 inches across, and very fragrant.....	50



NELUMBIUM SPECIOSUM GROWING IN TUB.

FLOWER SEEDS.

Abridged List of Standard Varieties

TOO WELL KNOWN TO NEED EXTENDED DESCRIPTIONS.

(For Varieties not here mentioned see General List, commencing page 62, and Novelty List, commencing page 54.)

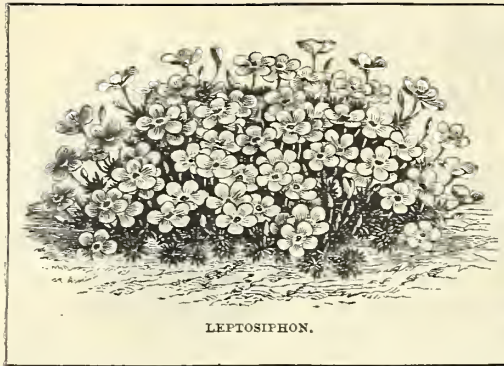


BIGNONIA.

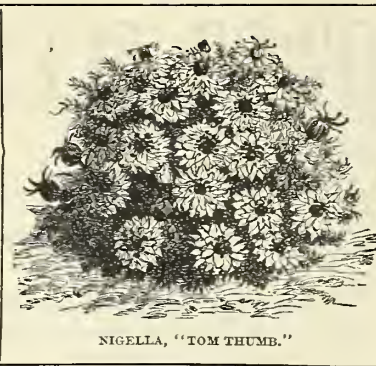


BRACHYCOME.

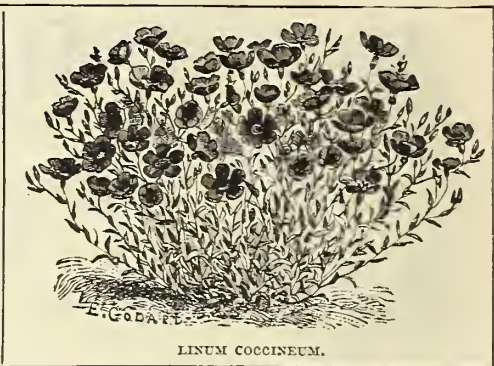
	Per Pkt.		Per Pkt.
Abobra Viridiflora. Hardy perennial climber, bright scarlet fruits, 10 ft.	10	Dracæna Indivisa. A foliage plant, extensively used for the centres of vases	
Abrus Praicatorius. (Weather Plant, or Prayer Bean.) A tender climber,		and for pot culture; thin, arching leaves; tender perennial, 2 to 3 ft.	10
with lovely pea-shaped, light purple flowers	10	— Terminalis. Handsome foliage plant for green-house or window cul-	
Acacia, Finest Mixed. Handsome half hardy perennial green-house		ture, rich maroon and red leaves, tender perennial, 2 to 3 ft.	25
shrubs, with large clusters of bright flowers, 3 to 6 ft.	10	— Fragrans. Handsome foliage plant for centres of vases, or as specimens	
Acanthus Latifolius. Stately hardy perennial foliage plants, 3 to 4 ft.	10	for pot culture, wide arching green leaves, tender perennial, 2 to 3 ft.	25
Achimenes, Finest Mixed. Splendid green-house plants, showy flowers		of pinkish fleshy leaves, for ribbining or pots,	
of white, crimson, blue, etc., tender perennial, 1 ft.	50	flowers yellow and red, tender perennial, 1 ft.	25
Aconitum Napellus. "Monk's Hood," handsome hardy perennial plants,		— Secunda Glauca. Small bluish white fleshy leaved plant for ribbining	
with dark blue flowers, 3 to 4 ft.	5	snd pots, flowers yellow and red, tender perennial, ½ ft.	25
Æthionema Grandiflora. Elegant little plants for sunny beds, rose colored		Erica, Fine Mixed. Beautiful green-house shrubs, bearing quantities of	
flowers, hardy perennial, 1½ ft.	15	pendent flowers, half hardy perennial, 2 ft.	15
Alonsoa. Pretty annual for garden or pot culture. Mixed colors, 1½ ft.	5	Erysimum Arkansanum. (The Western Wallflower.) Showy summer	
— Linifolia Gracilis. New dwarf, panicles of orange scarlet, 10 in.	15	blooming annuals, sulphur yellow, 1½ ft.	5
Anchusa Italica. Large growing hardy perennial, with blue flowers, 2 ft.	5	— Peroffskianum. Reddish orange, 1 ft.	5
Anemone Coronaria, Mixed. "Wind Flowers," hardy perennial plants,		Erythraea Muhlenbergi. Charming little hardy annual, with star-shaped	
with large showy flowers in spring, 1 ft.	10	flowers of pink and white, ½ ft.	15
Angelonia Grandiflora. A beautiful dwarf, tender perennial, for pot culture		Erythrina Crista-galli. (The Brazilian Coral Plant.) Magnificent spikes	
or for open ground in summer, flowers purplish and fragrant, 1 ft.	15	of dazzling scarlet flowers. <i>HHP.</i> , 3 to 6 ft.	15
Arabis Alpina. Dwarf hardy perennial, remarkably early flowers of pure		Eucharidium Breweri. Showy dwarf summer flowering plants, flowers	
white, ¾ ft.	10	of purplish rose shading to white. <i>HA.</i> , 1 ft.	15
Aralia Sieboldi. Beautiful foliage plant for pots or lawn, tropical appear-		Eupatorium Frazerii. Hardy perennial plants, with large clusters of fine	
ance, half hardy perennial, 4 ft.	15	white flowers; fine for bouquets, 2 to 3 ft.	5
Argemone Grandiflora. Handsome large plants, with single Poppy-like		Exacum Affine. Compact plant for winter or garden, with fragrant violet	
flowers, white, half hardy perennial, 2 ft.	5	and yellow flowers, half hardy biennial, ½ ft.	10
— Mexicana. "Devil's Fig," large plants, with single Poppy-like flowers,		Fern, Green-house Varieties, Mixed. Graceful conservatory or window	
yellow, hardy annual, 2 ft.	5	plants. <i>TP.</i> , 6 in. to 2 ft.	15
Armeria Maritima. Dwarf hardy perennial plants, fine for edgings, rose		— Hardy Varieties, Mixed. Grown in clumps, shady nooks, rockeries,	
colored flowers, ½ ft.	10	etc.; are very effective. <i>HP.</i> , 1 to 3 ft.	15
Asparagus Broussonetii. Beautiful hardy perennial climber, with feathery		French Honeysuckle. Elegant hardy annuals, with large clusters of red	
foliage and scarlet berries, 10 ft.	10	and white flowers, 3 ft.	5
Azalea Indica, Mixed. Showy winter flowering shrubs for green-house,		Fuchsia, Mixed. Choico double and single sorte of this elegant pot plant,	
large beautiful flowers, tender perennial, 1 to 4 ft.	25	tender perennial, 1 to 2 ft.	15
Baptisia Australis. Hardy perennial large plants, long epikes of bright		Gentiana Acaulis. Dwarf hardy perennial plant, with large exquisite blue	
blue, pea-shaped flowers, 4 to 5 ft.	5	and yellow flowers, ½ ft.	15
Beta, Scarlet Leaved. Gorgeoue ecarlet leaved beets, tender biennial, 1 ft.	5	Geum Atmosanguineum fl. pl. Showy hardy perennial, scarlet flowers, 1½ ft.	10
— Yellow Leaved. Yellow leaved beets, showy tender biennial, 1 ft.	5	Gilia, Mixed. Profuse blooming annuals for massing in flower beds; flowers	
— Dracæna Leaved. Dark maroon foliage, resembling a Dracæna, 1 ft.	10	borne in clusters, 6 to 12 in.	5
Bidens Atrouginea. (Dahlia Zimapani.) Single black crimson, Dahlia-		Glacium Luteum. Silvery leaved hardy perennial plants, with yellow	
like flower. Annual, 3 ft.	10	flowers, effective for ribbining, 1 to 2 ft.	5
Bignonia Grandiflora. (Trumpet Creeper.) Rapid hardy climber, clusters		Gnaphalium Leontopodium. ("Alpine Edelweiss.") Beautiful silvery	
large orange scarlet flowers, 40 to 60 ft.	10	white downy Everlasting, hardy perennial, ½ ft.	25
Bocconia Japonica. Stately foliage plants for lawns or pots, large beautiful		Golden Rod. ("America's National Flower.") The favorite yellow wild	
leaves, hardy perennial, 5 to 8 ft.	10	beauty, hardy perennial, 2 to 3 feet.	5
Brachycome, Mixed. (Swan River Daisy.) Large single blue or white		Grevillea Robusta. A very graceful Fern-like foliage plant, for pots or	
flowers, borne freely all summer. Annual, 8 in.	5	tropical lawn effects, tender perennial, 3 to 5 ft.	10
Browallia Elata. (Blue Amethyst.) Annual, bearing freely bright blue		Gypsophila Muralis. Free blooming annual, with pink flowers, ½ ft.	5
flowers, fine for garden or pot culture, 1½ ft.	5	— Paniculata. Hardy perennial, white flowers, fine Everlasting, 2 to 3 ft.	5
— Alba. (White Amethyst.) White flowers, 1½ ft.	5	Hedysarum Gyranum. "Telegraph Plant" Very novel, leaves frequently	
— Mixed. Flowers of varione colors, 1½ ft.	5	move without cause, tender perennial, 1 ft.	25
— Rozeili. Dense, compact habit; flowers very large, azure blue and white.		Honesty. (The "Moonwort.") Summer blooming biennial; flat, silvery seed	
Cacalia, Mixed. Free flowering plants for flower beds, etc.; known as		vessels are transparent. Extremely pretty in winter bouquets. Purple, 2 ft.	5
"Tassel Flower," flowers scarlet, orange, etc. <i>HA.</i> 1½ ft.	5	Hyacinthus Candicans. (Cape Hyacinth.) A most beautiful autumn	
Cactus, Mixed. Singular and beautiful tender perennials, adapted for pot		blooming plant. Flowers 1 to 2 inches across, creamy white, and borne on	
culture in the window or green-house, the flowers of some are very beauti-		spikes 4 to 5 ft. long, giving it the appearance of a monstrous Hyacinth:	
ful and the foliage of others very curious and interesting, mixed varieties.	25	half hardy perennial, 4 to 6 ft.	10
Calampelis. A beautiful annual climber; bright orange flowers.	10	Ice Plant. Pretty summer trailer for vases and rock-work, leaves covered	
Castilleja Indivisa. Ornamental plant, dense mass of ecarlet leaves at		with ice-like drops, half hardy annual, ½ ft.	5
ends of branches, half hardy perennial, 1 ft.	15	Impatiens Sultana. Beautiful pot plant, or for summer bedding, waxy	
Catchfly, Mixed. Hardy annuals, pink, white and red flowers, 1½ ft.	5	rose flowers, tender perennial, 1 ft.	15
Cedronella Cana. Evergreen half hardy perennial plant, long spikes of		Incarvillea Olcea. Handsome plant, large rose colored flowers in clusters,	
crimson fragrant flowers, 2 to 3 ft.	10	half hardy perennial, 3 to 4 ft.	10
Centranthus, Mixed. Compact growing annuals, flowering freely in		Ipomopsis, Mixed. "Standing Cypress," brilliant flowers of orange and	
immense clusters of white, rose, red, etc., ½ foot.	5	scarlet in profusion, half hardy biennial, 3 to 6 ft.	5
Cerastium Tomentosum. "Snow in Summer," silvery leaved hardy per-		Jacobæa, Double Mixed. Summer blooming hardy annuals, showy flowers	
ennial trailing plants, large white flowers, ½ ft.	10	of white, rose, violet, etc., 1 ft.	5
Cerinthæ Aspera. "Honey Wort," showy yellow flowering hardy annuals.		— Dwarf, Double Mixed. Summer blooming hardy annuals, showy	
— Gyandra. "Honey Wort," showy annuals, yellow and brown, 1 ft.	5	flowers of white, rose, violet, etc., ½ ft.	5
Cheopodium Atriplicis Victoria. Showy foliage annual, leaves yellow,		— Copper Colored Pomponæ. Large double flowers of lustrous copper	
crimson, violet, etc., 3 to 4 ft.	10	color; plant very compact, blooming for a long period.	10
Clianthus Dampieri. (Australian Glory Pea.) Tender perennial, with		Kochia Scoparia. "Belvidere," graceful summer blooming hardy annual,	
clusters of gorgeoue scarlet and black flowers.	25	flowers yellow, 3 ft.	5
— Punicæus. (New Zealand Parrot's Bill.) Scarlet and white flowers.	15	Kaulfussia, Fine Mixed. Pretty dwarf hardy annuals for beds, flowers	
Clintonia, Mixed. Pretty trailer, for vasee, baskets, etc., flowers blue, white,		white, violet, rose, etc., ½ ft.	5
violet, etc., hardy annual, ½ ft.	10	Kenilworth Ivy. Fine hardy little climber, clings to walls, etc., 3 to 6 ft.	5
Crucianella Stylosa. A very pretty hardy perennial, flowers pink, continu-		Lantana, Fine Mixed. Constant blooming plants for pots or garden, clus-	
ing a long time in bloom, 1 ft.	5	ters of orange, white, pink, etc., tender perennial, 1 to 3 ft.	10
Cucumis Flexuosus. (Snake Cucumber.) Rapid growing summer climber,		Lapageria Rosea. Magnificent green-house climber, large bell-shaped flow-	
with curious fruit 3 ft. long. <i>HHA.</i> , 6 ft.	5	ers of rose color, tender perennial, 6 ft.	50
Cuphea Miniata. Profuse blooming plants for pot culture in the winter or		Lavatera Trimestris, Mixed. Tall hardy annuals, producing freely large	
bedding out in summer; vermilion and violet flowers. <i>HHP.</i> , 1 to 2 ft.	10	single flowers of rose, white, etc., 3 ft.	5
— Rozeili Superba. Clusters of orange and red flowers. <i>HHP.</i> , 2 to 3 ft.	15	— Arborea Variegata. Handsomely variegated foliage of gray, green	
Cyperus Alternifolius. (Umbrella Plant.) Round stems 1 to 2 ft. big,		and white, half hardy biennial, 6 ft.	10
topped by flat long leaves resembling an open umbrella frame.	10	Lavender. Hardy perennial, with long spikes of fragrant blue flowers, 1 to 2 ft.	5
Didiscus Cœruleus. A showy garden annual, with pretty eky-blue flowers		Leptosiphon, Finest Mixed. Yellow, white, rose, etc., handsome dwarf	
terminating each of its numerous branches; 2½ ft. high.	10	annuals for massee and edgings, hardy annuals, 8 inches.	5



LEPTOSIPHON.



NGELLA, "TOM THUMB."



LINUM COCCINEUM.

ABRIDGED LIST OF FLOWER SEEDS—Continued.

	Per Pkt.		Per Pkt.
Limnathes Douglasii. Showy trailing hardy annual for rockeries, fragrant flowers of white and yellow, 3/4 ft.	5	Saponaria, Fine Mixed. Compact growing hardy annuals, with a profusion of flowers of rose, purple, white, etc., 1/2 ft.	5
Linum Coccineum. Showy hardy annual for flower beds, scarlet flowers, 1 inch across, borne in profusion, 1 1/2 ft.	5	Schizanthus, Fine Mixed. Called "Butterfly Flower" from the resemblance of its richly colored blooms, half hardy annual, 1/2 ft.	5
— Flavum. Half hardy perennial, large yellow flowers, 1 1/2 ft.	5	Sedum Cœruleum. A charming trailing hardy annual, with bright blue flowers, fine for rock work, 3/4 ft.	10
Loasa, Mixed. Annual climbers, curious flowers of orange and scarlet, 6 ft.	10	Senecio Speciosus. Showy half hardy perennial for either garden or pots, large reddish purple flowers, 1 ft.	10
Lupinus, Mixed Annual Varieties. Large showy plants, long spikes of pea-shaped flowers of numerous colors, 1 to 3 ft.	5	Silene Compacta, Mixed. Dwarf bushy hardy annuals, bearing bright colored flowers in profusion, 3/4 ft.	5
— Mixed Perennial Varieties. Hardy sorts.	5	— Double Mixed. Dwarf bushy hardy annuals, bearing bright very double flowers in profusion, 3/4 ft.	10
Malope Grandiflora, Mixed. Robust hardy annuals, large saucer-shaped flowers of crimson, rose and white, 4 to 5 ft.	5	Silene Pendula Compacta. ("Snow King.") Forming cushion-like plants 9 to 12 inches across, 4 inches high. Pure white globular flowers that entirely cover the plant.	15
Martynia Fragrans. Large growing hardy annual, spikes of fragrant purple flowers, streaked yellow, 3 to 4 ft.	5	Smilax. Charming climber for house foliage, extensively used for decorations, tender perennial, 6 ft.	10
Mathiola Bicornis. "Evening Scented Stock," pink and lilac flowers, very fragrant at night, half hardy biennial, 1 to 2 ft.	5	Solanum Capsicastrum. "Jerusalem Cherry," small tree-like half hardy annual, bearing numerous red fruits, 1 1/2 ft.	5
Matricaria Alba Plena. "Double White Feverfew," large double white flowers, fine for cutting, hardy annual, 1 to 2 ft.	10	— Hendersoni. A dwarfier variety of above, with larger cone-shaped scarlet fruits, half hardy annual, 1 1/2 ft.	10
— Crispa Alba Plena. "Double White Feverfew," with beautifully curled foliage, hardy annual, 1 to 2 ft.	10	— Warszewiczii. Rapid growing, majestic foliage, half hardy annual, for tropical lawn effects or pots, 6 to 8 ft.	10
Mimosa Pudica. "Sensitive Plant," leaves close and droop when touched or chloroformed, half hardy annual, 1 ft.	5	Stachys Suworowi. Beautiful hardy annual, with long branching spikes of crimson-lilac flowers, 1 1/2 ft.	10
Molucella Lævis. "Molucca Balm" or "Shell Flower," shell-like flowers of white and purple, hardy annual, 1 1/2 ft.	5	Stevia Serrata. A bushy, half hardy perennial, flowering the first season from seed, 1 1/2 ft. high; bears numerous heads of white flowers, exceedingly effective in bouquets; ornamental for the open ground in summer, or for pot culture in the conservatory in winter.	10
Mukia Scabrella. Elegant half hardy annual climber, flowers yellow, followed by orange and scarlet fruits, 10 ft.	10	Sweet Sultan. Effective hardy annuals for garden, fragrant flowers of purple, white and yellow, 1 1/2 ft.	5
Nierembergia Gracilis. Free blooming half hardy annual plants for garden or pots, flowers white, purple and yellow, 1 ft.	10	Tagetes Signata Pumila. Charming compact half hardy annuals, studded with yellow maroon striped flowers, 1 ft.	10
— Frutescens. Half hardy perennial variety, large saucer-shaped blue and white flowers, 1 ft.	10	Thridax Bicolor Rosea. (<i>The Mexican Miniature Pink Sunflower.</i>) About 1 1/2 feet high, producing freely pretty pink Sunflower-like blossoms 1 1/2 inches across, with large yellow centres.	15
Nigella Damascena, Double Mixed. Pretty annuals, known as "Love in a Mist," "Devil in a Bush," etc.; feathery foliage, in which large charming flowers are set. <i>H.A.</i> 1 to 2 ft. high, blue and white.	5	Thumburgia Alata. Slender rapid growing climbers, for trailing over trellises, fences, etc., with large beautiful flowers borne in profusion; buff; white eye. <i>H.H.A.</i> , 4 ft.	5
— Tom Thumb Double White, Blue or Mixed. 6 to 8 inches.	10	— Alba. White; black eye. 5 — Bakerii. Pure white; no eye. 5	5
Nolana, Mixed. Trailing hardy annual with Morning-Glory-like flowers of blue, white and yellow, 1/2 ft.	5	— Anrantiaca. Orange; dark eye. 5 — Mixed. All sorts. 5	5
Nycteria, Mixed. Dwarf half hardy annuals, large star-shaped flowers of white, pink and yellow, 1/2 ft.	5	Trifolium Suaveolens. "Sweet Scented Clover," deliciously fragrant flowers, great favorite, hardy perennial, 1/4 ft.	5
Oenothera, Fine Mixed. "Evening Primroses," or "Sun Drops," large showy flowers of various colors, hardy annual, 1 to 2 ft.	5	Tritoma Uvaria. "Red Hot Poker," splendid hardy perennial plants, with tall spikes of orange and red, 4 ft.	10
Ostrowskia Magnifica. (New Bokhara Bell Flower.) A hardy perennial, stately and beautiful, 3 to 5 feet high; enormous bell-shaped flowers 6 inches across, lavender veined purple.	25	Tunica Saxifraga. Low growing hardy perennial, rosy lilac flowers in profusion, fine for edgings, 3/4 ft.	10
Palava Flexuosa. Beautiful half hardy annuals for beds or pots, large pink flowers, black throat, 1 1/2 ft.	5	Valerian, Mixed. Showy hardy perennial, large heads of bright rose, scarlet and white flowers, 1 1/2 ft.	5
Pandanus Utilis. Long arching leaved plant, grand for centres of vases, pots, etc., tender perennial, 2 to 4 ft.	25	Veronica, Mixed. Low growing hardy annuals, with blue, violet and white flowers in profusion, 1/2 ft.	10
Pardanthus Sinensis. "Blackberry Lily," small, Lily-like flowers, orange, spotted purple, hardy perennial, 2 ft.	10	Vinca. Handsome bushy plants producing freely round single flowers 1 1/2 inches across, suitable for pot culture and sunny flower beds, tender perennial, 1 1/2 ft.	10
Pentstemon, Fine Mixed. Hardy perennial plants, bearing in profusion large flowers of all colors and markings, 2 ft.	10	— Rosea. Rose, crimson eye. 10 — Pura. Pure white, no eye. 10	10
— Large Flowering, Mixed. An extra fine strain, with extra large flowers of lovely colors, hardy perennial, 2 ft.	25	— Alba. White, crimson eye. 10 — Mixed Colors. 10	10
Pæony, Double Mixed. Grand hardy perennial plants, with large double flowers of various colors, 2 ft.	10	Virginian Stock, Mixed. Extremely pretty dwarf hardy annuals, flowers red, white, rose, etc., borne freely, 1/2 ft.	5
Perilla Nankinensis. Black foliage, used in ribbon planting. Tender annual, 1 1/2 ft.	5	Viscaria, Finest Mixed Colors. Handsome annuals, making a splendid show when massed; large round single flowers of white, scarlet, blue, flesh, margined and marked with various colors. <i>H.A.</i> 1 ft.	5
— Laciniata. Edges of the leaves are finely cut or fringed, 1 1/2 ft.	5	— New Dwarf Large Flowering, Mixed. Splendid. 15	15
— Nankinensis Macrophylla Crispa Compacta Elatior. Large leaves elegantly crinkled at the edges; of a rich mulberry black color; height 1 1/2 ft.	10	Whitlavia, Mixed. Free blooming hardy annuals, large bell-shaped flowers of blue, white, violet, etc., 1 ft.	5
Physianthus Albens. (Cruel Plant.) A rapid growing climber, pure white fragrant flowers, which entrap insects. Half hardy perennial, 20 ft.	10	Wigandia Caracasana. Noble foliage plant for lawn, leaves 3 feet long by 1 1/2 wide, richly veined, tender annual, 7 ft.	10
Polyanthus, Gold Lace Mixed. Early blooming dwarf plant for spring flower beds or pot culture; the large round flowers are borne on stalks 8 inches tall.	25	Wistaria Sinensis. A favorite hardy perennial climber, magnificent clusters of blue flowers, 50 to 75 ft.	10
— Duplex Mixed. (Hose in Hose.) One flower sitting in another.	25	— Alba. A favorite hardy perennial climber, magnificent clusters of white flowers, 50 to 75 ft.	10
— Fine Mixed Varieties.	10	Xeranthemum, Mixed. Showy hardy annuals, large various colored flowers, splendid for winter bouquets, 2 ft.	5
Potentilla, Fine Mixed. Hardy perennial plant with large single scarlet, orange and yellow flowers, 1 to 2 ft.	5	— Superbissima, Mixed. A new variety of dwarfier habit and very double flowers of various colors, hardy annual, 1 1/2 ft.	10
— Double Mixed. Magnificent large double flowers in profusion, hardy perennial, 1 to 2 ft.	25	Yucca Filamentosa. Showy hardy perennial, with tall spike of white, large bell-shaped flowers, 4 to 6 ft.	10
Rhodanthe Maculata, Mixed. Elegant half hardy annual, and an excellent everlasting, of various colors, 1 ft.	10		
Rocket, Mixed. "Damask or Dame's Violet." "Sweet Rocket," fragrant purple and white flowers, hardy perennial, 2 to 3 ft.	5		
Rose, Hardy, Double Mixed. Seed saved from the finest hybrids, flowers the second year, hardy perennial, 3 to 6 ft.	15		
— Monthly Tea, Double Mixed. Seed saved from the finest hybrids, half hardy perennial, 2 to 4 ft.	15		
Sabbatia Campestris. Pretty half hardy annuals, large saucer-shaped flowers of rosy carmine and yellow, 3/4 ft.	10		
Sanvitalia Procumbens fl. pl. Beautiful trailing half hardy annual, large double golden flowers in profusion, 1/2 ft.	10		

ORNAMENTAL GRASSES.

12 most popular varieties, our selection, each per packet, 5 cts.

Imported Collection of 25 Varieties of Ornamental Grasses, \$1.50.



THE NEW HENDERSON LAWN * MOWER

The Latest Improved, Easiest Running and Handsomest
Lawn Mower Made.

THE FOLLOWING ARE ITS CHIEF POINTS OF MERIT

THE EASIEST RUNNING.—Accurate tests proved the "Henderson" ran one-third to one-fourth easier than other Mowers.

CUTS THE GRASS SMOOTHER.—So rapidly speeded that the knives strike the grass one-half nearer than other Mowers, consequently it does smoother work, leaving the lawn level and velvety.

THE MOST DURABLE.—The journals can be drawn together with a screw, taking up any wear; will always cut well and save repairs. All parts are "interchangeable"; any piece can be duplicated.

CUTS HIGH GRASS.—Does perfect work.

THE MOST PERFECT AND SIMPLE.—The knives can be adjusted in the most simple manner.

NO CLOGGING.—It throws all cut grass back. The gears are all enclosed and protected from wear.

A protecting rod allows it to cut within an inch of trees or posts without "barking."

WILL NOT "BARK" TREES.—A protecting rod allows it to cut within an inch of trees or posts without "barking."

THE HANDSOMEST made; finished in red, gold and black.

WARRANTED to give satisfaction, and work as represented, with the privilege of returning any Mower that does not do so.

"GATHERING THE GRASS."—As a rule, in this country, it is proper to leave the cut grass on the ground to protect the roots from the sun, and act as a mulch or fertilizer. Yet it is sometimes desirable to gather the grass, as on tennis courts, croquet grounds, etc. We now make all the "Henderson" Lawn Mowers so that a grass-gathering apparatus can be applied to them at any time.

TERRACE IRON.—By removing the handle of the Mower and hooking the "terrace iron" into the holes just over the back wooden roller, the Mower works splendidly on terraces sufficiently steep. Terrace Iron, extra, 25 cts.

LOW NET PRICES OF THE NEW "HENDERSON" LAWN MOWER.

Low net price.			Low net price.						
10 in. Cut,	\$6.50.	List price, \$13.00.	Grass Box, extra,	\$1.75	16 in. Cut,	\$9.50.	List price, \$19.00.	Grass Box, extra,	\$2.50
12 "	7.50.	" " 15.00.	" " "	2.00	18 "	10.50.	" " 21.00.	" " "	2.75
14 "	8.50.	" " 17.00.	" " "	2.25	20 "	11.50.	" " 23.00.	" " "	3.00

We include, without charge, with every "Henderson" Mower, an oil can, filled with best machine oil. No charge for packing or shipping. The "10 inch" is adapted only for small areas, such as courts and door-yards; 12 and 14 inch for lawns of about one-sixteenth acre; 16 and 18 inch for lawns of about one-eighth acre; 20 inch for lawns over one-eighth acre.

I have one of your very superior Lawn Mowers, and am highly pleased with its work.—J. H. HAZEN, Amboy, Ill., May 28th, 1890.

Your Lawn Mower is the very best that was ever introduced.—V. W. BAGLEY, JR., Rahway, N. J., January 17th, 1890.

The "Henderson" Mower is a perfect beauty, and works admirably.—PETER MUSSOND, Millbrook, N. J., January 18th, 1890.

The Mower came last night, and I have been using it all day. It works splendidly, easily and rapidly.—R. S. THOMAS, Smithfield, Va., June 24th, 1890.

The "Henderson" Lawn Mower we have kept is a perfect beauty, and works admirably.—PETER RICHMOND, Gardener to H. J. Davison, Millbrook, N. Y., June 18th, 1890.

Your Lawn Mower which we got from you this spring is the easiest running and cuts the best of any I ever used. We are fully satisfied with it. I must say, also, that the seeds we had from you this spring gave entire satisfaction, both flower and vegetable.—THOMAS DEMPSEY, Gardener to N. C. Barney, Esq., Bantam, Conn., July 2d, 1890.

THE "EXCELSIOR" NEW HORSE LAWN MOWER.

Guaranteed 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 NET PRICES.—30 inch cut, \$66.00 (list price, \$110.00); 35 inch, \$80.00 (list price, \$135.00); 40 inch, \$100.00 (list price, \$170.00).

We can supply a smaller size Excelsior Horse Lawn Mower for very hilly lawns, and lawns full of trees and shrubs. It has no seat nor shafts; the horse is hitched to a singletree attached to the Mower, which allows the horse to turn in and out among the trees. Our net price for this 25-inch Mower is \$40.00. (List price is \$65.00.) If desired, we can furnish shafts and side draft attachment for this Mower for \$8.00 extra, net. **Horse Boots**, to prevent horse from sinking in damp or soft ground, \$10.00 per set of four. (List price, \$12.00.)

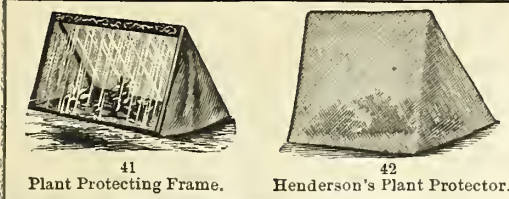


THE EXCELSIOR NEW HORSE LAWN MOWER.

LAWN MOWERS OF ALL MAKES REPAIRED.

We have fitted up a repair shop for Lawn Mowers, and carry a full line of extra parts for all of the leading Mowers. We have an experienced man in charge and are in a position to sharpen, adjust, repair and replace broken or worn parts at the lowest possible prices. Send in your Mowers early, and be ready for spring.

GARDEN TOOLS and



41 Plant Protecting Frame. 42 Henderson's Plant Protector.

Mats, for Hot-beds. Made of straw; invaluable for covering cold frames and hot-beds. Size, 6 x 6 ft. \$2.00 each; per doz. \$22.00

Mole Traps, Hale's (fig. 40), best trap made. 2.00

Pick (fig. 53), 75c.; with handle. 90

“ mattock, 85c.; with handle. 1.00

“ **Axe, \$1.00; with handle.** 1.15

Plant Protector, Henderson's. (Fig. 42.) Galvanized iron folding frames, covered with protecting cloth, invaluable for early forwarding of plants, protecting from frosts, insects, etc. Each, 25c.; per doz. 2.50

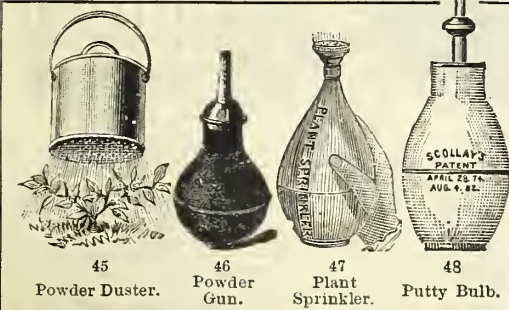
Plant Protecting Frames (fig. 41), for window glass, frames fold. Price (without glass), 35c. each; per doz. 3.50

Protecting Cloth (fig. 43), 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. Pieces contain from 40 to 60 yards. Samples and circular mailed on application.

Heavy Grade, per yd., 11c.; by piece per yd. \$0.10

Medium Grade, best for general purposes, per yd., 9c.; by piece per yd. 8c.

Light Grade, mostly used in South for tobacco plants, per yard, 5c.; by piece per yard. 4c.



45 Powder Duster. 46 Powder Gun. 47 Plant Sprinkler. 48 Putty Bulb.

Plant Sprinklers, Rubber (fig. 47), for sprinkling cut flowers, seedlings, clothes, etc. ½ pint size, 65c.; ¾ pint size, 80c.; 1 pint size (postage 10c. each extra). \$1.00

Powder Duster (fig. 45), for putting Paris green and slug shot on potatoes, vines, etc. 4-qt. size, 50c.; 2-qt. 35

Powder Gun (fig. 46), for applying powders to house plants. 20

Putty Bulb, Rubber. (Fig. 48.) Excellent for glazing. A pressure with the hand ejects the putty along the sash bars; makes tight and neat joint. Does not daub the glass nor stick to the hands. \$1.00 each; by mail. \$1.10

Pruners, Waters' Tree (fig. 44), 4 ft., \$1.25; 6 ft., 1.50

“ 8 ft., \$1.75; 10 ft. 2.00

“ **Telegraph Tree (fig. 55), operated by cord.** 1.50

“ extra knives for tree pruners. 20

Pump, Field Force. (Fig. 52.) Complete outfit (excepting barrel) for spraying trees. Throws stream 75 ft., or spray 50 ft. A return hose keeps fluid mixed. 10.00

Pump, Henderson Portable Hand Force (fig. 51), with spray and stream tip, to work from bucket. 5.00

Raphia, splendid tying material, per lb. 20

Rakes, Steel Garden, 6 teeth, 30c.; 8 teeth. 35

“ “ 10 teeth, 40c.; 12 teeth. 45

“ “ 14 teeth, 50c.; 16 teeth. 55

“ “ **Short Tooth, 12 teeth, 50c.; 14 teeth. 55**

“ “ 16 teeth. 60

“ “ **Bow (fig. 59), best and most durable, 11 teeth. 50**

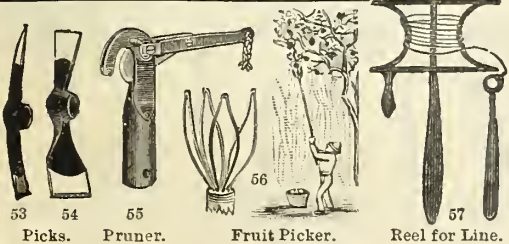
“ “ 13 teeth, 55c.; 15 teeth. 60

“ **Wooden, Hay, 3 bow, 12 teeth. 30**

“ **Lawn, 22 teeth. 35**

“ **Gem Lawn (fig. 58), splendid for leaves. 60c**

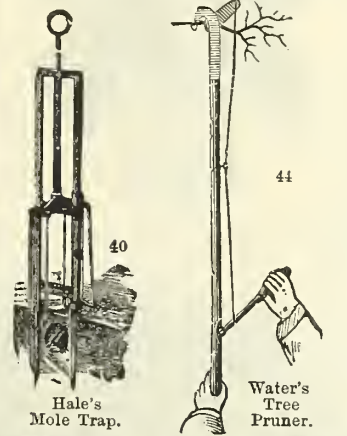
Reels (fig. 57), for Garden Lines, small, 50c.; large. 85c.



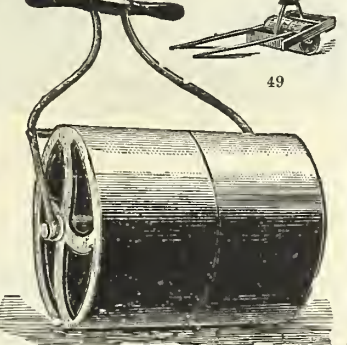
53 Picks. 54 Pruner. 56 Fruit Picker. 57 Reel for Line.



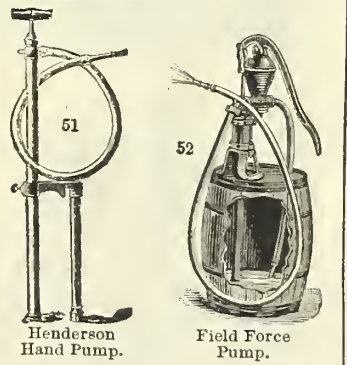
43 Temporary Chrysanthemum House of "Protecting Cloth," which see.



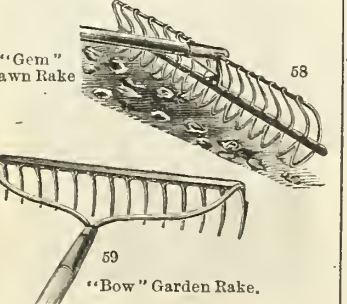
40 Hale's Mole Trap. 44 Water's Tree Pruner.



50 Iron Garden and Lawn Roller.

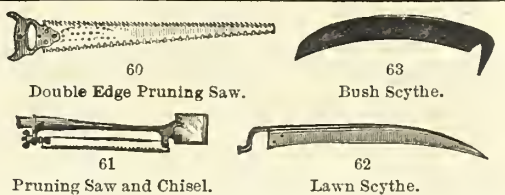


51 Henderson Hand Pump. 52 Field Force Pump.



58 "Gem" Lawn Rake. 59 "Bow" Garden Rake.

REQUISITES—(Continued).



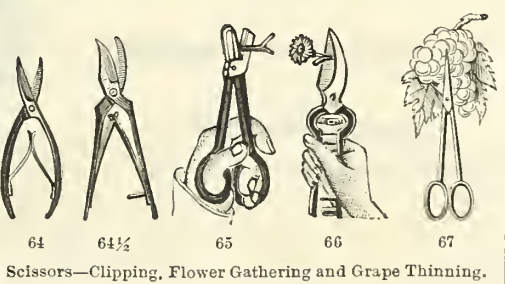
60 Double Edge Pruning Saw. 63 Bush Scythe. 61 Pruning Saw and Chisel. 62 Lawn Scythe.

Rollers, Iron Garden and Lawn. (Fig. 50.) The benefit derived from using a roller on the lawn is inestimable. Freezing and thawing causes the ground to heave, and if not firmly pressed back with a roller before hot weather the grass is apt to be killed or injured, leaving the lawn full of bare spots. For use on the lawn, always take a "TWO OR THREE SECTION," as they can be turned without injuring the grass. "ONE SECTION" will be preferable for walks, as they leave no mark. Numbers D, E and G are the sizes generally selected for lawns. Our rollers all have weights attached to the central shaft and can be unhooked and removed when lighter weight is desirable. These weights always keep the handle up from the ground, clean and out of the way.

SIZES AND PRICES.		Width of each Section.	Height of Roller.	Weight about.	
No. A.	2 section,	7 ½ inch.	15 inch.	125 lbs.	\$7.00
" C.	1 "	20 "	20 "	220 "	11.00
" D.	2 "	12 "	20 "	300 "	14.00
" E.	3 "	12 "	20 "	450 "	20.00
" G.	2 "	12 "	24 "	400 "	17.00
" I.	2 "	12 "	28 "	500 "	20.00

Roller, Horse Lawn. (Fig. 49.) With shafts and seat. 4 sections, 20 in. high, 12 in. wide, making roller 4 ft. wide, weighing 650 lbs. The weight can be increased by loading. 32.00

Rustic Hanging Baskets, 8 in., \$1.00; 10 in., \$1.25; 12 in. 1.50



64 Scissors—Clipping. 64½ Flower Gathering and 67 Grape Thinning.

Saw, Pruning (fig. 60), double edge, 16 in. \$0.60

“ “ 18 in., 70c.; 20 in. 80

“ “ and Chisel combined. (Fig. 61), 1.00

Sash, Hot-bed, Unglazed; size, 3 x 6 ft., using 6 x 8 in. glass, \$1.25 each; per doz. 12.00

In shooks (not put together), making freight less, \$1.00 each; per doz. 10.00

Scythes, Lawn (fig. 62), broad blades, 30 to 38 inches. 1.25

“ **Grass (fig. 63), 30 to 40 inches. 85**

“ **Bush (fig. 63), short thick blades. 85**

“ **Snaths (or handle), patent fastening. 75**

“ **Stone's, English round Talacre. 12**

“ Round Ohio, 10c.; Flat Ohio. 5

“ German, fine grit. 12

“ Rifles, triple emery coated. 10

Scissors, Clauberg's flower and fruit picking. (Fig. 66) 85

“ **Week's flower and fruit picking. (Fig. 65) 75**

“ **Grape Thinning (fig. 67), for thinning the bunch. 60**

“ **Handy Vine clipping. (Fig. 64.) 60**

“ **Ladies' Light Pruning (fig. 64½), 7 inch. 75**

Shears, Pruning (fig. 70), solid steel, 7 ½ inch. 1.25

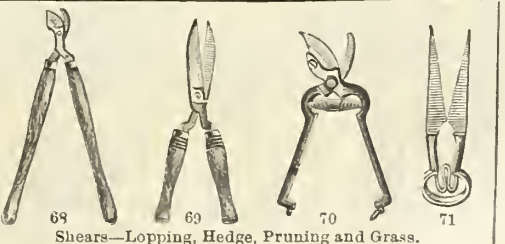
“ “ 8 ½ in., \$1.50; 9 ½ in. 1.75

“ “ malleable, with steel blade, 8 in. 65

“ **Hedge (fig. 69), (notch 25c. extra), 8 in. blade, \$1.75; 9 in., \$2.00; 10 in. 2.25**

“ **Lopping, or branch pruning. (Fig. 68.) 2.50**

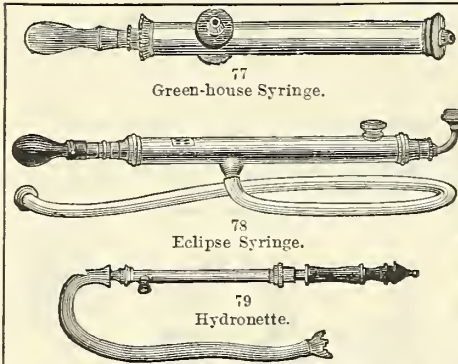
“ **Grass (fig. 71), with new curved handle; prevents rubbing knuckles on the ground, 7 in. blade. 1.50**



69 Shears—Lopping, Hedge, Pruning and Grass. 71

GARDEN TOOLS and

- Shovels** (fig. 72), smooth back, 85c.; Ames' extra quality \$1.15
 (fig. 74), round point, smooth back..... 90
 " **Scoops** (fig. 76), No. 2, 85c.; No. 3..... 95
 " **Steel Wire Potato Scoop** (fig. 75)..... 1.50
Spades (fig. 73), smooth back, 85c.; Ames' extra quality. 1.15
Sprayer Knapsack. (Fig. 82.) This valuable arrangement, invented by the U. S. Agricultural Department, is used for applying fungicides, such as Bordeaux Mixture, Ammoniacal Compound of Copper 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, as well as for leaf and potato blight, etc. 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 kept up. No grape grower can afford to be without it. (See 3d page of cover for fungicides ready for mixing.)..... \$14.00
- Stakes, Square Green, Tapering.**
 2 feet..... each, 3c.; per doz., 25c.; per 100, 1.50
 3 "..... " 5c.; " 45c.; " 100, 3.00
 4 "..... " 6c.; " 60c.; " 100, 4.00
 5 "..... " 7c.; " 75c.; " 100, 5.00
 6 "..... " 8c.; " 90c.; " 100, 6.00
- Stakes, Round Green, Tapering.**
 2 feet..... each, 3c.; per doz., 30c.; per 100, 2.00
 3 "..... " 5c.; " 50c.; " 100, 3.50
 4 "..... " 7c.; " 75c.; " 100, 5.00
 5 "..... " 8c.; " 90c.; " 100, 6.00

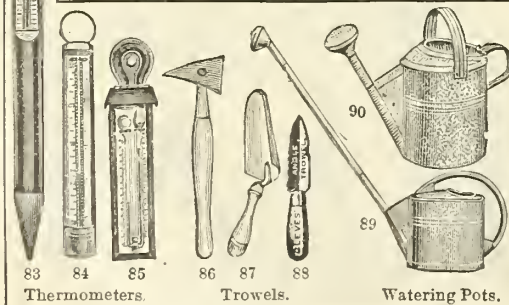


77 Green-house Syringe.

78 Eclipse Syringe.

79 Hydronette.

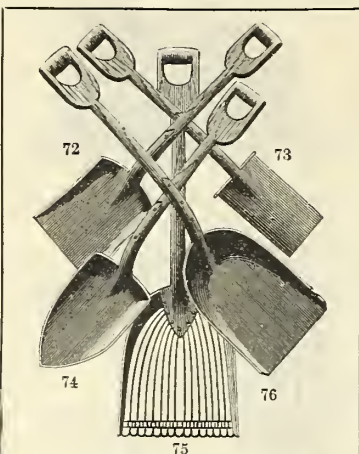
- Stakes or Dahlia Poles. Round Green, Fancy Turned Tops, Painted White.**
 2 feet..... each, 4c.; per doz., 40c.; per 100, \$2.50
 3 "..... " 7c.; " 70c.; " 100, 4.50
 4 "..... " 8c.; " 85c.; " 100, 5.50
 5 "..... " 10c.; " \$1.00; " 100, 7.00
 6 "..... " 12c.; " 1.25; " 100, 9.00
- Syringes, made of solid brass, in the best manner, and highly finished. Those with the patent valve will fill very quickly.**
PRICES OF SYRINGES.
 No. A. Length of barrel, 13½ in.; diam., 1⅜ in. 1 spray and 1 stream rose..... \$2.25
 No. 2. (Fig. 77.) Barrel 13½ in. long; diam., 1⅜ in. 1 coarse and 1 fine spray and 1 stream rose..... 3.75
 No. 10. (Fig. 77.) Barrel 18 in. long; diam., 1½ in. 1 coarse and 1 fine spray and 1 stream rose with patent valves (elbow joint for sprinkling under the foliage, extra, \$1.00)..... 5.50
 No. 11. (Fig. 77.) Same as No. 10, without patent valves. 4.75
Eclipse. (Fig. 78.) Throws a continuous stream or spray as desired. Length of barrel, 14 in. x 1¼ in. diam. Price, with 4 ft. hose, \$6.00; and with elbow joint for sprinkling under the foliage..... 6.75
Tree Scraper (fig. 86), for removing old bark..... 50
Thermometers, Siexe's Self Registering. (Fig. 85.) This is perfectly true, and registers both heat and cold; you can tell exactly how hot or how cold your house has been during the night; it is easily reset with a horse-shoe magnet which accompanies each..... 3.00
Hot Bed and Mushroom Bed (Fig. 83). 12 in..... 2.25
Ordinary Japanned. (Fig. 84.) Tin cases. 7 in., 15c.; 8 in., 20c.; 10 in., 25c.; 12 in..... 30
Cylindrical or Dairy, all glass..... 75



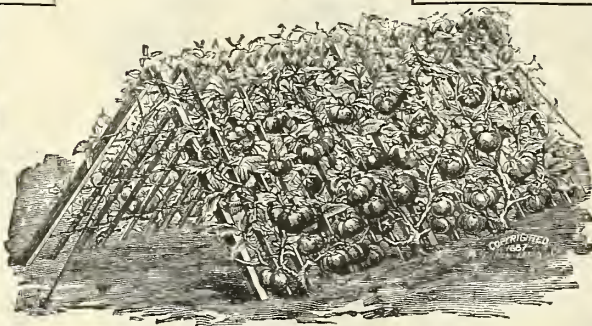
83 84 85 Thermometers.

86 87 88 Trowels.

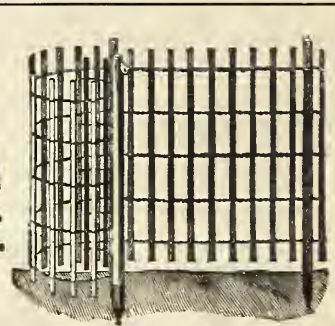
89 90 Watering Pots.



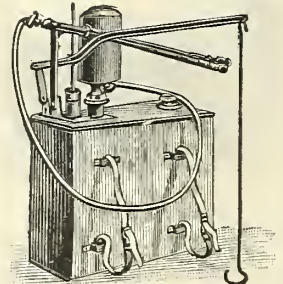
72 73 74 75 76 Shovels, Scoops and Spades.



80 Trellis, Double Tomato.



81 Pea Trellis.



82 The Sprayer Knapsack—For applying Fungicides to grapes, etc.



91 Water Barrel, Truck and Force Pump.

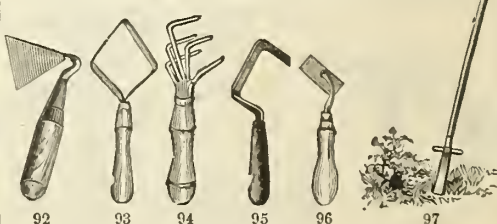
REQUISITES—(Continued).

- Trowels, ordinary** (fig. 87), 5 in., 10c.; 6 in..... \$0.15
 " " " 7 in., 20c.; 8 in..... 25
 " **solid steel,** " 6 in., 45c.; 7 in., 55c.; 8 in. 65
 " **Clevis Angle** (fig. 88), very handy narrow trowel 20
Trellis, White's Garden. This trellis can be used for all kinds of crops that require support by staking, whether flowers or vegetables, especially peas, tomatoes, beans, cucumbers, melons, squashes, pole beans, etc. The fruit is always better colored and flavored, thus exposed to the light and air, as well as ripening earlier. The single Trellis is mainly for peas, and is far ahead of brush or string. The cultivator is able to pass freely between the rows, and besides, these trellises are an ornamental feature in the garden. 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. The ground ends of the posts are treated with the best wood preservative known, making them practically everlasting. (Furnished in 10 ft. lengths only.)
 Pea Trellis (fig. 81), ½ ft. high..... Per 10 ft. length, \$0.70
 Pole Bean Trellis (fig. 81), 7 ft. high..... " " 1.00
 Single Tomato Trellis " stands upright " " 1.00
 Double " (fig. 80)..... " " 1.60
- Vaporizer, Florence,** for spraying fluids on plants..... 75
Watering Pots (fig. 90), galvanized iron, 6 qt., 75c.; 8 qt., 85c.; 10 qt., \$1.00; 12 qt., 1.25; 16 qt. 1.50
 " **French** (fig. 89), 6 qt., \$1.25; 8 qt..... 1.50
 Fine roses for the above watering pots, extra..... 25

Water Barrel and Truck. (Fig. 91.) 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. We have wheels of 1½, 2½ and 4 inches tire, BUT ALWAYS SEND TRUCK WITH WHEELS 1½ INCHES UNLESS OTHERWISE SPECIFIED. We also supply as attachments a **Box**, making a very superior DUMPING Hand-cart. A **Sprinkler** for watering lawns and sprinkling walks. A **Force Pump** (fig. 91) for washing windows and carriages, spraying trees and shrubbery with insecticides, watering plants, etc. It is all brass works very easily, and throws a stream 40 feet.

- PRICES.**
 Truck and Barrel, 1½ in. tire..... \$11.00
 " " " 2½ " " 12.00
 " " " 4 " " 13.00
 Extra Barrel..... \$2.25 Hand-cart Box..... 3.00
 Extra Trunnions, per pair. 50 Sprinkler Attachment..... 3.00
 Force Pump Attachment (fig. 91)..... 6.00
Weed Cutter (fig. 97), with foot rest, for lawns..... 50
Weeders, Excelsior (fig. 94)..... 12
 " 3 cornered (fig. 92), 20c.; Noyes' (fig. 93)..... 20
 " **Hazeltine's** (fig. 95), 20c.; Jennings' (fig. 96) 12
Wooden Labels.
 Pot, 4 in., per 1,000 50c., painted..... 70
 " 5 " " 70c., " 85
 " 6 " " 90c., " 1.25
Garden, 8 in., per 100 35c., painted..... 45
 " 12 " " 45c., " 55
Plant, Notched, 2½ in., per 1,000 40c., painted..... 55
Tree 3½ " " 50c., " 65
Plant, Cop. Wired, 2½ in., \$1.25 " 1.50
Tree, 3½ " " 1.50 " 1.75

HAND WEEDERS.

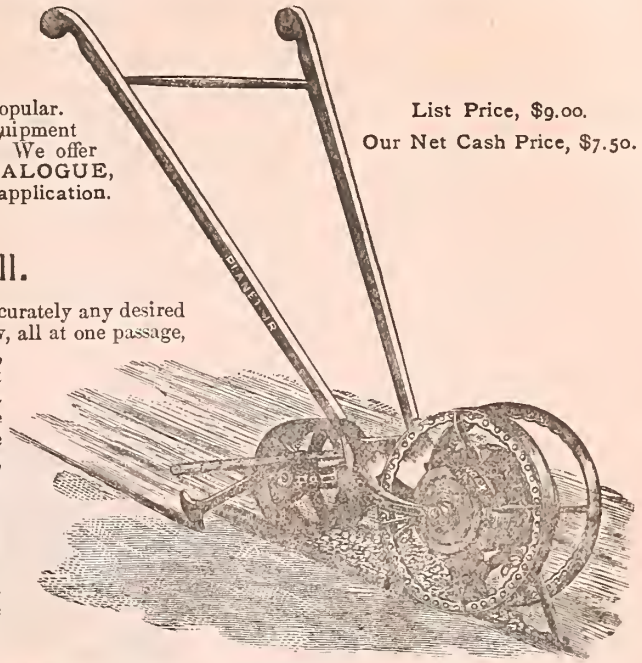


92 93 94 95 96 97 Three Cornered, Noyes', Excelsior, Hazeltine's, Jennings', Weed Cutter for Lawns.

THE "PLANET JR." GARDEN TOOLS.

FOR HAND USE.

These are the most perfect Garden Tools made, and have long been the most popular. They are known the world over, and beyond question are the most complete in equipment and most practical and labor-saving in the field that have yet been invented. We offer them for 1891 more perfect than ever. OUR SPECIAL "PLANET JR." CATALOGUE, fully illustrating and describing the different sorts of work accomplished, free on application.



List Price, \$9.00.
Our Net Cash Price, \$7.50.

The "Planet Jr." No. 2 Seed Drill.

This Standard Drill holds two and a half quarts. It sows all garden seeds accurately any desired thickness or depth. It opens, drops, covers and rolls down and marks the next row, all at one passage, 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 seed. It will sow a single thimbleful of fine seed with regularity for the distance of a hundred feet, yet it will sow five pounds with the same perfection. The continual revolution of the hopper keeps the seed in a most perfect and loose condition, and makes the sowing of difficult varieties, such as Carrot, Parsnip, Beet, Salsify, etc., easy and satisfactory. The machine operates without noise, and the opening, covering and rolling down are automatic and perfect. The plow is directly between the wheels, and therefore opens the furrow at a perfectly regular depth, and the covering is also for the same reason very accurate. Seeds can therefore be put in very shallow with entire regularity, an important point in the sowing of delicate varieties. The roller can be used to roll light or heavy, or entirely removed.

The seed index has upon it the names of the principal seeds, and the discharge openings can be set in a moment. The combination of the necessary good points is so complete that we can assure our customers that it will give them every satisfaction. Our Net Cash Price, \$7.50. (List Price, \$9.00.) Weight, Packed, 40 lbs.



List Price, \$8.00.
Our Net Cash Price,
\$7.00.

The "Planet Jr." Double Wheel Hoe.

Cultivator, Rake and Plow Combined.

This exceedingly useful and popular tool has this season the extensive outfit shown in cut Fig. 2. All the blades are steel, hardened in oil, tempered and polished. The tool is especially adapted to save the labor of the Market Gardener, Onion Grower, Nurseryman and Root Grower. The changes from one form to another are easily and quickly made and changes in depth or width also. 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 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 (Fig. 4) level and fine the ground for planting, gather stones and trash, cultivate plants when small, cover seeds, etc. The Hoes (Fig. 5) cut close and clean, killing everything they meet, leaving the ground level. The Cultivator teeth mellow the soil deep or shallow, and are

Fig. 2.—The "Planet Jr." Double Wheel Hoe, complete with all Attachments.

useful for marking out rows for plants, seeds, sets, etc. The Plows (Fig. 3) lay out deep furrows and cover them and hill-up or plow away, as desired. The Leaf Guards in front are just the thing needed when hoeing large plants, such as Beets, Carrots, Parsnips, Beans and Peas, enabling you to cultivate them perfectly, when otherwise the leaves would be torn off and the plants seriously injured. They are detachable. Our Net Cash Price, \$7.00. (List Price, \$8.00.) Weight, Packed, 35 lbs.

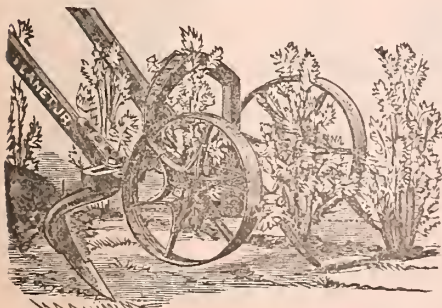


Fig. 3.—The "Planet Jr." Double Wheel Hoe, Plowing and Hilling Celery.

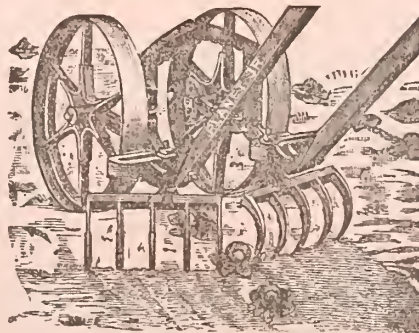


Fig. 4.—The "Planet Jr." Double Wheel Hoe, Cultivating Lettuce.



Fig. 5.—The "Planet Jr." Double Wheel Hoe, Hoeing Onions.

The "Planet Jr." Plain Double Wheel Hoe.

To meet a demand from Onion Growers and other who want a Hoe only, we offer the Double Wheel Hoe just described (Fig. 5), supplied simply with one pair of long curved point hoes. This tool has the same adjustment of hoes and wheel as the above, and any or all of the other attachments may be added to this at any time, and will be found to fit. Our Net Cash Price, \$4.00. (List Price, \$4.50.) Weight, Packed, 24 lbs.

The "Planet Jr." Combined Drill, Wheel Hoe, Cultivator, Rake and Plow.

This tool is unquestionably the most popular, as it is the most perfect machine of its kind made, for it is unrivalled in design, finish, convenience and capacity for work. As a seed drill it is the same as the No. 2, except in size; it holds one quart. The tools sent out with each machine are shown in the cut. All the blades are steel, hardened in oil, tempered and polished. The curved Rakes are invaluable in preparing ground for planting and for delicate after-cultivation of the crop, and for covering seeds, etc., etc. The Hoes work closely and safely both sides of the row at once, when plants are small, and between them when large, working all rows up to sixteen inches wide at one passage, leaving the ground nearly level. The Plow opens furrows, covers them, hills, plows to and from, etc. In small gardens, where a horse is seldom used, it is invaluable for working the coarser crops, such as corn, cabbage, potatoes, celery, etc. The Cultivator teeth are admirably adapted to deep mellowing of the soil. Two teeth can be used for marking out two rows at once, up to eight inches apart; and one for marking out rows for sets, plants and large seeds.

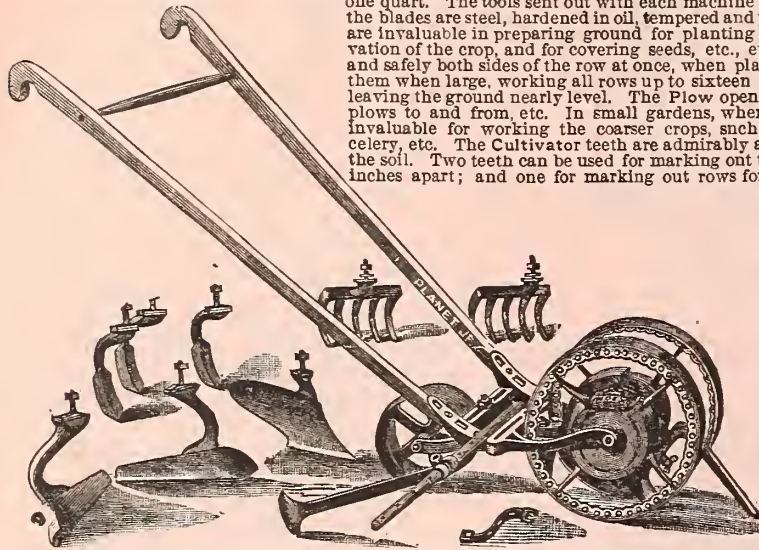
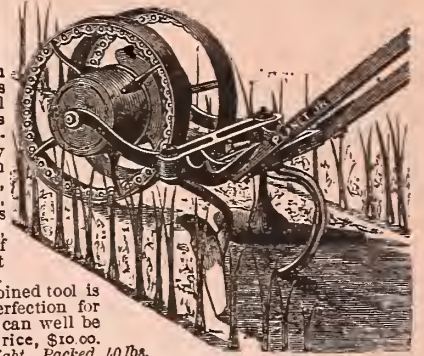


Fig. 7.—The "Planet Jr." Combined Drill with all Attachments.



Taken as a whole this combined tool is the nearest approach to perfection for the uses of a gardener, that can well be devised. Our Net Cash Price, \$10.00. (List Price, \$12.00.) Weight, Packed, 40 lbs.

The "Fire-Fly" Wheel Garden Plow.

To be appreciated this little labor-saver must be seen in actual work. Its cost is soon saved in a family vegetable garden, even if but twenty feet square. By going twice to each furrow, the ground can be plowed up in the Spring ready for planting. Then the tool can be used to open shallow or deep furrows for various crops, for covering and a great variety of other uses. In many gardens it will save its cost twice a year. Weight, Packed, 12 lbs. Our Net Cash Price, \$2.25. (List Price, \$2.50.)



"Fire-Fly" Wheel Garden Plow.

The "Planet Jr." Single Wheel Hoe, Cultivator, Rake and Plow Combined.

Great strength, easy running, simple combinations and variety of attachments are striking features of this favorite for the season of 1891. The full equipment is shown in the cut. All the blades are steel, hardened in oil, tempered and polished. The wheel has an extra broad face, and is readily raised and lowered, and can be attached at one side of the frame ready to cultivate both sides of a row of small plants at one passage. As with the Double Wheel Hoe, the Rakes level the ground, gather trash, cultivate, etc.; the curved Hoes work closely and safely, deep or shallow, while the Plow opens furrows, covers and plows, to and from, as desired; the Cultivator blades, work admirably, especially in deep work, and also mark out rows of garden crops, while the Leaf Guard is invaluable for work among large plants. All rows from six to eighteen inches apart can be perfectly hoed at one passage, and this tool, though not so well adapted to large fields of garden crops as the Double, is still a great favorite with many for that class of work. Its lightness, strength and simplicity recommend it to all who examine it. Our Net Cash Price, \$5.50. (List Price, \$6.00.) Weight, Packed, 26 lbs.

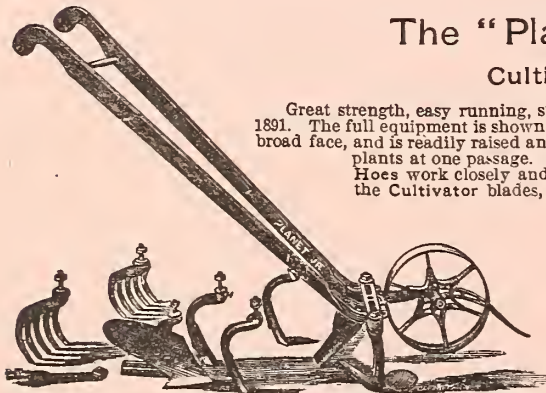


Fig. 9.—The "Planet Jr." Single Wheel Hoe Complete.

The "Fire-Fly" Single Wheel Hoe, Cultivator and Plow Combined.

This convenient tool has rapidly convinced gardeners of its high merits. It combines lightness and strength with great adjustability, while its highly polished and tempered steel tools make gardening comparatively a pleasure. The tools are all made after the most perfect models, and are: First, a pair of admirable hoes, which can be set to work to and from the row, and to any desired depth. Next, a set of three reversible cultivator teeth, to be used together or singly, or in conjunction with the hoes. Third, a large excellent garden plow. The whole tool is light and strong, attractive in appearance and capable of standing hard usage for years, while the price is its final recommendation. Our Net Cash Price, \$4.50. (List Price, \$5.00.) Weight, Packed, 23 lbs.

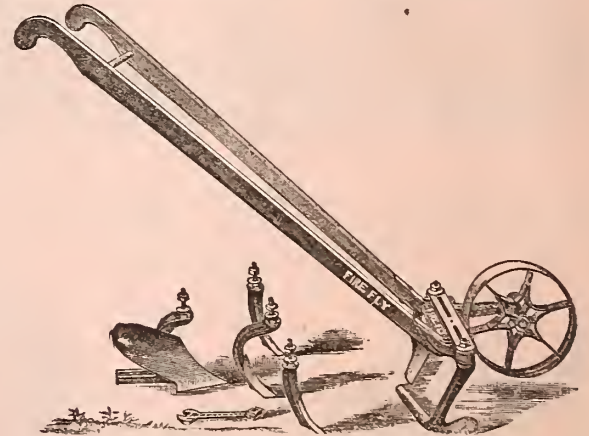


Fig. 11.—The "Fire-Fly" Single Wheel Hoe.

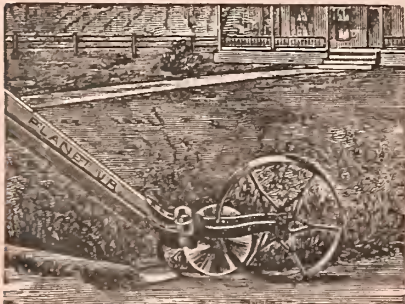


Fig. 10.—The "Planet Jr." Lawn and Turf Edger.

The "Planet Jr." Lawn and Turf Edger,

For Trimming the Edges of Walks, Roads and Flower Beds.

This little tool trims the turf around the edges of the flower beds, walks, etc.; the revolving cutter does perfect work, either on a straight or curved border, edging accurately at just the correct angle, and at the speed of a mile an hour, while the hoe cleans the bottom of the walk. It is invaluable in giving a finished appearance to the lawn. Strawberry Growers will find it a rapid and perfect tool for cutting of "runners." Price, complete, \$4.00. For 1891 we offer also a larger and stronger tool, for cemeteries, parks, etc., as well as for private use. 10 pounds heavier; cutting disc, 8 inches. Price, \$6 00. Weight, Packed, 20 lbs.

The "Planet Jr." All Steel Horse Hoe, Cultivator, Coverer, Marker, Vine Turner, etc. IMPROVED FOR 1891.

This well-known and popular tool, though acknowledged for years past to be the best in the market, has striking improvements for 1891. Chief among these are the **Lever Wheel**, a necessity for particular work and always a convenience; the patent **Lever Expander**, changing the width instantly, perfectly; and **Handle Adjustment** for height, and also sidewise for use in grapes, pole beans, blackberries nursery stock, etc., and when covering. It also has the patent parallel frame, interchangeable and adjustable hollow steel standards, reversible blades sleeved bolt holes, etc. It is sent out as shown in fig. 12. As a **Horse-Hoe** with side teeth reversed it cuts close to the row without injury to the roots leaving but little and in many cases, nothing for the hand-hoe. As a **Cultivator**, the reversible teeth cut off and turn over the weeds in the most perfect style, and as a **Hiller**, the side teeth work in combination with the rear shovel, to perfection.

It has the following extra Attachments.—A set of plates $1\frac{1}{4}$ inches wide for deep work. **Furrowing Tooth and Marker** Fig. 13.—An excellent device for making furrows for seeds, manure, etc., marking out the next row at the same passage, and is also useful for hilling. **Covering Attachment**.—Fig. 14.—If the Horse Hoe has a wheel, the roller or rake only is required in addition for covering. The tool can then be used with much satisfaction for covering corn, potatoes, peas, beans, etc., and for making up rows for plants. **Vine Lifter**.—This attachment is a valuable assistant in the cultivation of hoed crops. It is especially useful in tending sweet potatoes before the vines interlace closely; by its use *hundreds of acres are grown without hand hoeing, or turning the vines*; the tool gently lifting the vines, working the crop and then dropping them back without injury. It is also very useful among tobacco, potatoes, citrons, tomatoes, peppers, beans, peas, etc., the later cultivation is done much better and closer by having the branches lifted a moment while the horse hoe is passing. **Sweeps**.—Fig. 15.—These are made in four widths, 8, 10, 12 and 15-inch cuts. A pair of 10-inch and one 12-inch cut clean two and a half feet. They are much esteemed for shallow and level cultivation, for strawberry, orange groves, cotton, etc., etc. *Weight, Packed, 75 lbs.*

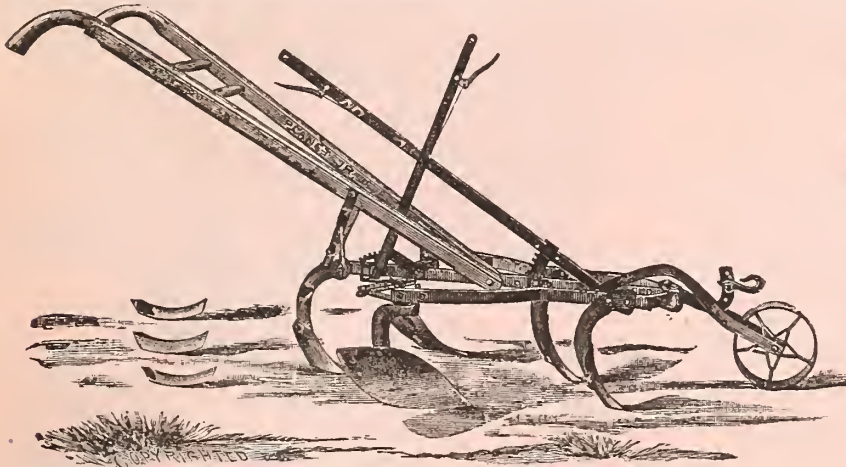


Fig. 12.—The "Planet Jr." Horse Hoe, Complete with Wheel.

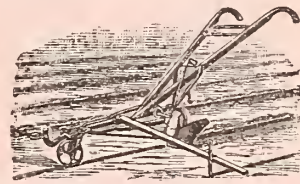


Fig. 13.—Horse Hoe with Furrower and Marker.

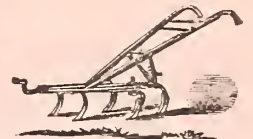


Fig. 14.—Horse Hoe as Plain Cultivator.



Fig. 15.—Horse Hoe with Sweeps.

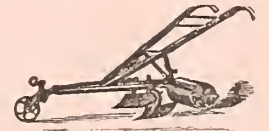


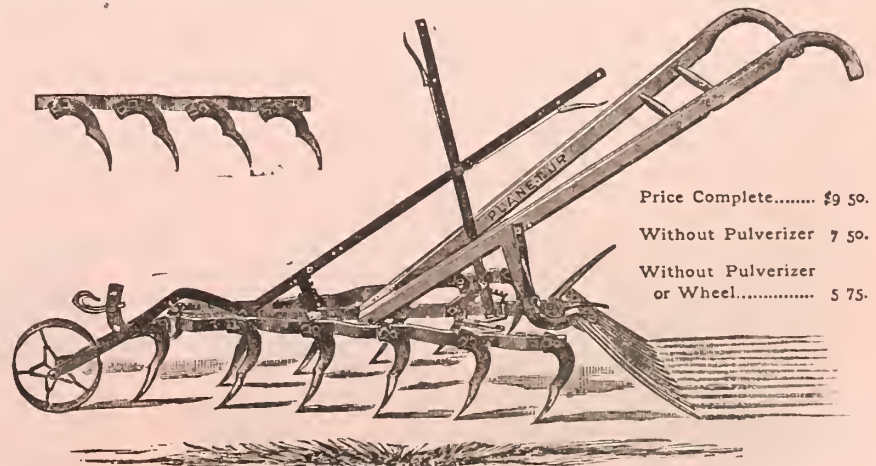
Fig. 16.—Horse Hoe with Covering Roller.

OUR CASH PRICES.—"Planet Jr.," Horse Hoe, with Cultivator Teeth and Wheel, \$9.00. Roller Attachment for Covering, \$2.00. Sweeps, per set of three (2 10-inch and 1 12-inch) \$1.25. Furrowing Attachment, \$1.75. Marking Attachment, \$2.00. Vine Lifter, \$1.75.

The "Planet Jr." Eleven Tooth Harrow, Cultivator and Pulverizer Combined.

After thorough and long extended trials, this entirely new and valuable tool is now offered as the very best known for its intended purpose. The frame is much higher than usual in this class of tools and the blades, an inch wide, are of such perfect shape and symmetry as to work in the most thorough and satisfactory manner and to offer a very unusual amount of wearing surface. The recurved throat and high frame prevent clogging, and the reverse position given to the teeth in a short time by the changing of a single bolt in each. The frame is heavy and strong, and the teeth set straight with the line of motion and are interchangeable. They may be worn off three inches before requiring renewal, and yet retain the original cutting width. They are cheaply replaced when worn. It too, is provided with the new '91 Lever Wheel, and also with a thorough Pulverizer attachment, which leaves the ground in the finest condition, and is also used to regulate the depth of the Cultivator with exactness. The Pulverizer is controlled by a lever, which can be operated in an instant by the foot, while in motion. For fine cultivation, either deep or shallow, this tool has no equal.

As a Harrow, the work done is most perfect, and with the teeth turned backward it is admirable for trashy ground and levelling, and for crops just breaking through the surface. As a Cultivator, the work is very thorough. As a Pulverizer, with the attachment as shown in figure 17, the soil is left in the finest condition. The Pulverizer may be reduced in width by taking off the outside teeth, and the tool may be used to straddle a row, cultivating both sides at once by taking out the middle teeth of both the Cultivator and Pulverizer. *Weight, Packed, 60 lbs.*



Price Complete..... \$9 50.
Without Pulverizer 7 50.
Without Pulverizer
or Wheel..... 5 75.

Fig. 17.—The "Planet Jr." Eleven Tooth Harrow.

The "Planet Jr." Market Gardener's Horse Hoe and Pulverizer.

This admirable tool is constructed conspicuously in the interest of very fine close level culture of market garden and field crops. The construction is as shown in the cut; the equipment, a 12-inch sweep, two hoes cutting 10 inches each, and a 25-inch pulverizer.

It is very neatly made, each tooth being so formed that while the soil is worked most thoroughly, it remains nearly level. The Market Gardener's Horse Hoe at a single passage works all rows from 18 to 32 inches. The hoes may be exchanged from one side to the other, and the Pulverizer may be reduced in size for narrow rows; or by taking off the sweep and the centre tooth of the Pulverizer and the wheel, the tool may be used to straddle the row and cultivate both sides at once, as in cotton, etc. It runs with extreme steadiness, and therefore can be safely used in the closest and most delicate operations.

The '91 Lever Wheel is a feature here also; nothing of the kind at all equals it in ease and delicacy of adjustment, so pleasant and necessary in such a tool. For strength and nicety of construction, and for perfect work in the field, nothing we have ever had to offer exceeds this latest and best of all horse hoes.

It is precisely what is wanted for the work of the Market Garden. The flat sweeps and slender hoes pass easily beneath the surface, cutting off all weeds and grass, and leaving the ground almost exactly where it was before, and the Pulverizer then reduces the surface to the finest condition, and completely destroys all weed growth. Market Gardener's Horse Hoe, complete, \$9.50; without Pulverizer, \$7.50. *Weight, Packed, 55 lbs.*

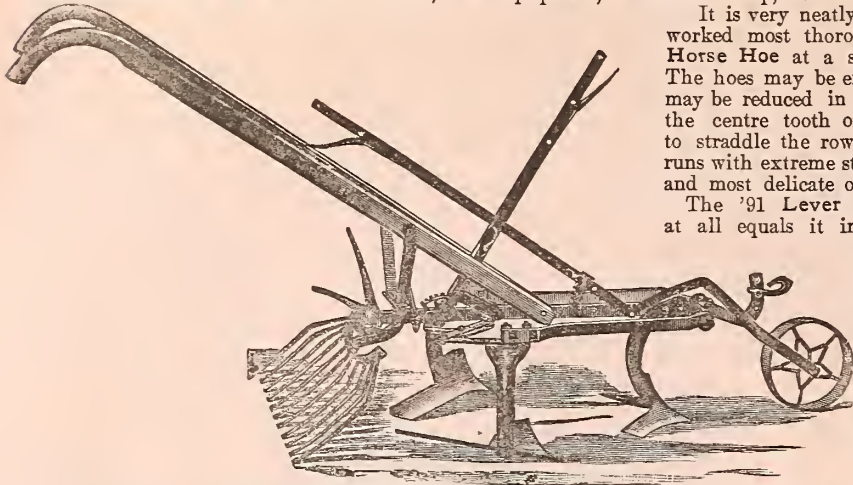


Fig. 18.—The "Planet Jr." Market Gardener's Horse Hoe and Pulverizer.

The "Planet Jr." All Steel Pulverizer and Leveler.

This novelty has high merit. Its width is 4 feet 6 inches; it can be regulated to cut deep or shallow as required, and is a very perfect tool for all such work as fining and levelling the surface of fields and garden for the use of the marker, seed drill, etc., etc., and for levelling and smoothing ridges in place of the hand rake, previous to drilling or setting plants to be worked with the wheel hoe; levelling never less than two ridges at once, they are very perfectly done. Its action is better than either harrow, rake or roller for such cases, or than all combined. It breaks, cuts, rolls and crushes lumps, and takes the tops of the high places and carries them forward to fill up the hollows. It grows sharper with use, though the depth can easily be regulated by the flat blades with their set screws. It will prove invaluable for all fine surfacing, almost entirely taking the place of the harrow on newly plowed ground, and the usual slow surface preparation of the Market Garden will be rapidly done in the neatest manner. *Weight, Packed, 75 lbs.* Our Net Cash Price, \$9.00. (List Price, \$11.00.)



Fig. 19.—The "Planet Jr." all steel Pulverizer and Leveler.

The "Planet Jr." Celery Hillers.

These tools are absolutely indispensable to celery growers. They have now been used three years, and the market gardeners around Philadelphia, among whom the tool was brought to perfection, bought them freely as soon as they were shown in actual use among celery. Several hundred were disposed of within ten miles of Philadelphia; and during the working season further important improvements were made, and we now offer them fully perfected. The **DOUBLE** machine hills all rows from the first to the last time, when not planted over four and one-half feet apart. The first hilling the detachable leaf guards are invaluable, enabling the operator to throw up the earth beneath all the leaves, so close as to make the first "handling" very easy. Slotted knees at the rear make the vertical adjustment, while the patent lever expander is a simple and delightful method of adjustment to width. The **SINGLE** machine works but one side at a time, and throws harder and higher than the double, and is adapted to all width rows, from two feet to ten. It also has the leaf lifter and patent lever expander. It is more satisfactory for the last and highest hilling, and large growers need both. The single machine is also often used where the rows are so close together that there is not enough earth to complete hilling up both rows at once. The single hiller is then used to hill very high every other row, taking away most of the earth from the alternate rows. Then when the blanched row is marketed it is again used to hill up the remaining row. It is also used to bank up the celery when storing in trenches for winter.



Fig. 20.—The "Planet Jr." Single Celery Hiller. Our Net Cash Price, \$9.00. (List Price, \$10.00.) *Weight, Packed, 60 lbs.*

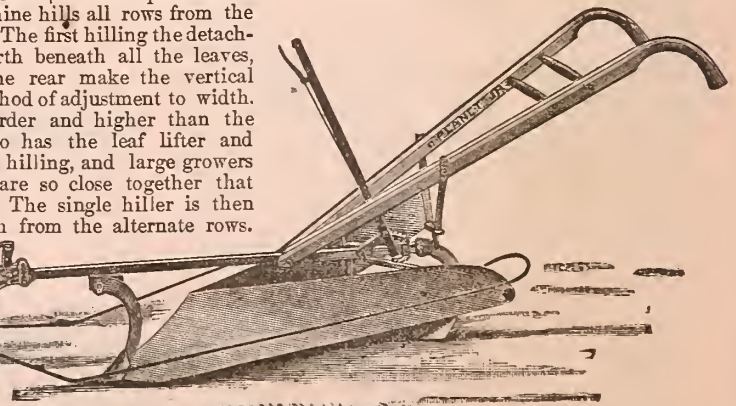


Fig. 21.—The "Planet Jr." Double Celery Hiller. Our Net Cash Price, \$11.00. (List Price, \$12.00.) *Weight, Packed, 60 lbs.*



SUMMER
B LOOMING
 BULBOUS PLANTS

ARE among the most showy and useful of our garden favorites, are easily managed, sure to bloom, and require but little labor and care to enable them to produce their charming flowers.

- Amaryllis Atamasco.** (Zephyr or Fairy Flower.) Beautiful rosy white flowers, produced in great abundance the entire summer; height, $\frac{3}{4}$ ft. 5c. each; 50c. per doz.; \$3.00 per 100.
- Rosea.** (Large Rose Zephyr Flower.) Exceedingly beautiful large rose-colored flowers, 2 inches across; height, $\frac{3}{4}$ ft. 10c. each; \$1.00 per doz.; \$7.00 per 100.
- Amorphophallus Rivieri.** (Umbrella Arum.) Very curious and handsome; large Palm-like leaves, 2 to 3 ft. across, on a white spotted stem. (See cut.) 75c. each. (10c. extra by mail.)
- Bessera Elegans.** (Coral Drops.) Exquisite and free blooming; umbels of drooping, bell-shaped, coral red flowers, with white cups and blue anthers; height, 1 to 2 ft. 10c. each; \$1.00 per doz. (See cut, flowers in dark vase in heading.)

- 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. Prices, 15c., 25c., 50c. and \$1.00 each, according to size of bulbs. (Postage 10 per cent. extra.)
- 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, 10c. each; \$1.00 per doz.
- Cyclobothra Flava.** (Golden Shell.) Beautiful Mexican variety, growing about $1\frac{1}{2}$ ft., bearing yellow bell-shaped flowers, prettily spotted, fragrant. 10c. each; \$1.00 per doz.
- Hyacinthus Candicans.** (Giant Summer Hyacinth.) Luxuriant free-growing 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. (See cut.) 15c. each; \$1.50 per doz. (Postage 3c. per bulb extra.)
- Madeira Vine.** The old favorite "Climbing Mignonette." Thick, glossy leaves and long, hanging stems of feathery, fragrant white flowers. 5c. each; 50c. a doz.
- Montbretias.** These are going to be the most popular summer blooming bulbs grown, as soon as they are better known. If left undisturbed and mulched to protect in coldest sections in winter they form luxuriant, bushy clumps, bearing long spikes of star-like flowers an inch or more across, which continue in bloom for months, making a magnificent display. (See cut.)
- Crocsmiaflora.** Large red flowers with yellow throat. 10c. each; \$1.00 per doz.; \$5.00 per 100.
- Bouquet Parfait.** (Novelty.) Large orange-yellow flowers with vermilion colored zone. 20c. each; \$2.00 per doz.
- Pluie d'or.** (Novelty.) Large rich orange; very free flowering. 20c. each; \$2.00 per doz.
- Gerb d'or.** (Novelty.) Lemon-yellow, plant dwarf and very free flowering. 20c. each; \$2.00 per doz.
- Rosea.** (Novelty.) Charming rose color. 20c. each; \$2.00 per doz.

- Milla Biflora.** (Mexican Star or Frost Flower.) Pure large sparkling white flowers, 2 inches across; flowers freely all summer in sunny positions; deserving of extensive cultivation. 10c. each; 85c. per doz.; \$5 per 100.
- Oxalis, Summer Flowering.** Valuable for edging walks, flower beds, etc. Bulbs planted 3 inches apart form rounded rows of delicate foliage, about 1 foot high, which produce flowers in endless succession.
- Lasiandra.** Rosy pink. 15c. per doz.; \$1.00 per 100.
- Dieppi.** Rosy white. 15c. per doz.; \$1.00 per 100.
- Panocratium Calathinum.** (Peruvian White Sea Daffodil.) A Peruvian bulb, bearing handsome clusters of large, striking, very fragrant, pearly white flowers. Bulbs should be kept warm and dry, and planted out in the middle of May. They will then commence flowering in July. It is also admirably adapted for pot culture, and can be forced into flower in 6 to 8 weeks' time. (See cut.) 25c. each; \$2.50 per doz.
- Tigridias.** (Peacock Flower or Mexican 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, particularly if the bulbs are planted in a warm, sunny position. (See cut.)
- Conchiflora.** Dark yellow, large red spots. 5c. each; per doz., 30c.; per 100, \$2.50.
- Pavonia Grandiflora.** Very large bright crimson, centre mottled with yellow. 5c. each; per doz., 50c.; per 100, \$3.00.
- Grandiflora Alba.** Large, ivory white, spotted at the base with red on a yellowish ground, forming a fine contrast. 8c. each; per doz., 75c.; per 100, \$5.00.
- Buccifera.** (Novelty.) Saucer-shaped base, pale yellow dotted purple, outer edge of flower clear light purple; three cheek-like prominences, colored white, yellow and purple, give it a novel effect. 10c. each; \$1.00 per doz.
- Pringlii.** (Novelty.) Petals orange tinged with scarlet, with large red spots near the centre of the flower, surrounded with a deep brown zone; cup scarlet and orange heavily blotched with crimson. 15c. each; \$1.50 per doz.





GLADIOLUS BULBS.

THIS magnificent family contains hundreds of varieties, comprising all imaginable colors, shades and variegations, from the most gorgeous and dazzling to the softest and most delicate shades. They deserve to be grown in every garden, no matter how large or small. For cutting they are invaluable, the flowers lasting in water a week. There is nothing in the floral kingdom so easy of culture and so sure to succeed as the "Gladiolus." They can be planted at any time from May to July 15th, and never fail to flower the same season, and they grow in any garden soil, and commence blooming in July, and by successive plantings every two or three weeks can be had in flower the entire season until checked by frost. The bulbs can be furnished by us until May 15th. They are easily kept in a paper bag on any convenient shelf until planting time.

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. The spikes stand erect with the immense flowers looking yon straight in the face, much resembling Orchids of the brightest hues and most curious designs.

Comte Horace de Choiseul. Enormous well-opened flowers (6 inches across) of perfect shape, of a brilliant shade of light scarlet, tinged with orange and flamed with carmine; the lower petals are most distinctly blotched with a deep shade of purple-crimson, surrounded with a broad sulphur-yellow border. **\$1.50 Each.**

Monsieur Hardy. A vigorous grower, producing a magnificent spike with immense flowers well opened and beautifully shaped, color purplish-wine-red marbled with chestnut-red, the lower petals much sprinkled with crimson on a creamy yellow ground. **\$1.50 Each.**

Monsieur Le Fevre. Enormous flowers of excellent form; color a carmine-scarlet striped with cinnabar at the edges; the lower petals are ornamented with a large clear light yellow blotch, sprinkled with blood-red. **\$1.50 Each.**

President Carnot. A marvelously beautiful flower of enormous size (7½ inches across). The principal color is a satiny rosy red, streaked with carmine at the edges. The lower petals have a fiery scarlet spot surrounded by numerous blood-red drops on a straw-colored ground, extending to fine little spots in the midst of a scarlet border. The coloring surpasses that of the richest Orchids. **\$3.00 Each.**

Harry Veitch. Magnificent flowers (7½ inches across) of deep velvety red, lower petals painted with light yellow and spotted with rich maroon-red. **\$3.00 Each.**

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. Price, 25c. each; \$2.50 per doz.

NEW DOUBLE GLADIOLUS, "PRESIDENT DE SEYDEWITZ."

A very novel new double variety, produced by an amateur at Breslau, Germany. The whole flower is of a soft salmon, tinged with flesh color. **\$2.00 Each.**

NEW HARDY SWISS GLADIOLUS, "TURICENSIS."

This variety being perfectly hardy, the bulbs do not require lifting in the fall, and consequently grow up early in the spring full of vigor, and produce immense spikes of extra large flowers that bloom much earlier than other species, thereby, in connection with other varieties, lengthening the display of Gladiolus. In addition to this great merit the flowers are of unusual excellence, of great size (4 inches across), and from 15 to 18 are borne on tall, straight spikes; the color is unusually rich, of a brilliant glowing rosy scarlet, with small white feathers on the lower petals. (We have sole control of this variety in America.) **\$1.50 Each; \$15.00 per doz.**

HENDERSON'S SPECIAL LOW PRICED GLADIOLUS.

Low Priced Gladiolus in Collections.

For the convenience of customers we have grouped together the following choice selections of Gladiolus. Sold thus in collections, we can offer them at greatly reduced rates.

- Surprise Collection,** 12 choice mixed, each bulb of a different variety, for \$0 61
- Bijou** " 12 extra choice seedlings, unnamed, each different " 0 75
- Rainbow** " 12 choice named varieties..... " 1 25
- Elberon** " 12 superb named varieties..... " 2 00
- Newport** " 12 new and rare varieties named " 3 00
- Henderson's Best Dozen.** A set of 12 most beautiful varieties..... " 4 00
- Or full set, 6 Collections**..... " 10 00

LOW PRICED GLADIOLUS IN MIXTURES.

(If desired by mail, add for postage 10c. per dozen)

	Each.	Per doz.	Per 100.	Per 1,000.
All Colors Mixed.....	5c.	35c.	\$2.25	\$20.00
Extra Fine American Hybrids, Mixed.....	5c.	50c.	3.50	30.00
White and Light Varieties Mixed.....	5c.	50c.	3.75	35.00
Striped and Variegated Varieties Mixed.....	5c.	50c.	3.75	35.00
Pink Varieties Mixed.....	5c.	50c.	3.75	35.00
Red and Scarlet Varieties Mixed.....	5c.	35c.	2.25	20.00
Yellow Varieties Mixed.....	6c.	60c.	4.00	35.00
Scarlet and Pink, with White Throats.....	8c.	75c.	6.00	45.00
Lemoine's Butterfly Gladiolus, Mixed, 10c.		\$1.00	7.00	65.00

One dozen each (108 in all) of the above mixtures, all kept separate, for \$5.00; 50 each (450 in all) for \$18.00; 100 each (900 in all) for \$35.00.

CHOICE : NAMED : GLADIOLUS.

Varieties which flower first are marked A; those which flower somewhat later, B; still later, C; the latest, D.

The exquisite beauty of the CHOICE NAMED GLADIOLUS is not sufficiently known. Many rare varieties do not propagate fast enough to enable us to put them in mixtures, which is the way the majority of people get Gladiolus. Therefore, to induce trial of these magnificent sorts, we offer them this season at the very low and uniform price of 10 cts. each; \$1.00 per dozen.

WHITE GLADIOLUS.

- Amalthee.** A. Pure white; large violet-red blotch, ground of the corolla velvety violet, the lower petals slightly tinted with lilac in stripes.
Ceres. B. Pure white, spotted with purplish rose.
La Candeur. C. White, lightly striped with carmine-violet.
John Bull. A. White, slightly tinged with sulphur.
Princess of Wales. B. White, flamed with carmine-rose; deep carmine blotch.
Shakespeare. A. White, very slightly suffused with carmine-rose; large rosy blotch.

ROSE AND PINK GLADIOLUS.

- Adanson.** B. Rose, slightly tinged lilac; large blotch on white ground tinged yellow; edged with carmine, flushed lilac.
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.
President Lincoln. Blush white ground, suffused with bright rose at the edges; lower petals heavily blotched and penciled with crimson.
Elizabeth. B. Dark rose, flamed with bright carmine-purple; large purple-carmine blotch with white stripes.
Eugene Scribe. A. Flower very large and wide, perfect, tender rose, with blazed carmine red.
Nelly. C. White, flamed with carmine-rose; large blotch of dark carmine.
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.

- Bicolore.** B. Very distinct and striking variety, with large flowers of bright rosy salmon, with the exception of the lower petals, which are ivory white, suffused with rose at the edges.
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 flamed bright rosy salmon on a pure white ground; handsome spike of grand effect.
Feu Follet. 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 and well arranged, a distinct white line running through each petal, and a large pure white blotch on the lower; a remarkably showy variety.
Van Spandonck. C. Fiery red, splendid large flowers.
Brenchleyensis. C. Bright vermilion scarlet.
General Sherman. Large, magnificent scarlet, fine spike.
James Veitch. C. Bright crimson, violet blotch.
Lord Byron. B. Brilliant scarlet, blotched and flamed pure white; very showy.
Romulus. A. Very brilliant dark red, large pure white blotch, white lines on lower petals; very showy.

VIOLET AND PURPLE GLADIOLUS.

- Bernard de Jussieu.** A. Violet shaded cherry and purple, purple blotch on white ground.
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 carmin cherry; very showy.
Thomas Methven. B. Violet tinged with rose, centre light transparent, shading off to carmine-violet; very fine.

ORANGE-RED GLADIOLUS.

- Mazeppa.** Orange, light blotch.
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.
Roi Leopold. B. Blush rose, slightly suffused with orange and shaded deep currant-red, white blotch.

CARMINE GLADIOLUS.

- Dumont D'Urville.** A. Very long spike; a bright cherry, flamed 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 the edges of the petals; very fine, effective variety.
Themis. B. Fine spike of delicate satin-rose colored flowers, conspicuously flushed with carmine, cream colored blotch; beautiful.
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 col., slightly tinted with 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.
Conquete. C. Large and fine flower of bright cherry-red, with a conspicuous pure white blotch; upper petals striped with delicate rose.
Van Dyck. D. Crimson-amaranth, striped with white.

LILAC GLADIOLUS.

- Apollon.** B. Rosy lilac, with a large light rose blotch; finely striped white in the centre.
Delicatissima. C. White, suffused with soft carmine-lilac, the pure white lower petals edged lilac.
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, of medium height.

YELLOW GLADIOLUS.

- Canari.** A. Light yellow, streaked with rose on the lower petals.
Croesus. B. Very large flower, yellow, shaded darker towards the centre, flamed carmine at the edges, and feathered amaranth-red on salmon ground.
Isaac Buchanan. C. Finest yellow for massing; new
Martha Washington. B. Light yellow, lower petals slightly tinged rose, large flowers and fine spikes.

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 or scarlet ground, streaked with scarlet and pure white, with conspicuous white blotch a dark colored variety of remarkable effect; dense spike.



NEW "SNOW WHITE" GLADIOLUS. (See page 96.)

BUTTERFLY GLADIOLUS.

LEMOINE'S LARGE STAINED HYBRIDS.

- Emile Lemoine.** Brilliant vermilion, spotted with gold; maroon blotch, bordered with yellow.
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.
Lafayette. Flowers very large; yellowish salmon, large crimson blotches on lower petals.
W. E. Gumbleton. Flowers very large and open; purplish rose, streaked with rich carmine; spots velvet, surrounded with yellow; an unusually beautiful variety.
Marie Lemoine. Long spike of fine, well expanded flowers; upper divisions of a pale creamy color, flushed salmon-lilac; lower divisions spotted purplish violet, bordered deep yellow.

PRICE for any of the above named Gladiolus, 10 cts. each; \$1.00 per dozen; or the collection of 64 varieties (each separately named) for \$5.00.

Henderson's Special 1891 Set of
"Really Grand Gladiolus,"
 AT MODERATE PRICE.

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. Although they are really too cheap to be profitable to us, yet we want a limited number of our customers to see some of our "Really Grand Gladiolus."

- 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. 50c. each; \$5.00 per doz.
- 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.
- 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.
- Joseph's Coat.** Ground color white, oddly spotted and marked with dark, velvety red, with crimson-lake throat. The flowers, of good size, are of such a rare combination of colors as to be strikingly attractive.
- Mrs. Baines.** A splendid grower. Tall spikes of immense flowers of burnished orange-red. One of the most striking in our fields.
- Mlle. Marie 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 towards the edges; blotches creamy white. 50 cts. each; \$5.00 per doz.
- Nereide.** A very delicate and charming color, mother-of-pearl rose suffused with lilac, and marked with bright violet blotches. Flowers very large, spike tall and compact. At our flower show every one went into ecstasies over this variety. 50c. each; \$5.00 doz.
- Sunshine.** The best yellow ever produced. Strong, upright grower, with enormous spikes of large flowers of mncb substance; color pure, rich yellow.

The price for any of the above, not specially mentioned, will be 30 cts. each, \$3 per doz., or the full set of 12 for \$3.



PEARL TUBEROSE.



LILIUM AURATUM RUBRUM VITTATUM.

LILY BULBS.

(Add for postage 3c. per Bulb.)

Auratum. (The Golden Rayed Lily of Japan.) This peerless variety is, beyond question, the grandest of all the Lily family. The flowers are pure white, thickly studded 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.

Auratum Rubrum Vittatum. Magnificent flowers, 12 inches across. Waxy white, beautiful spotted crimson, with a crimson stripe through each petal; fragrant. (See cul.) Each \$1.25.

Lancifolium or Speciosum. These varieties are perhaps the most popular Lilies grown, being easy of cultivation, and produce large flowers of delicate beauty on strong stems; grows from 2 to 4 feet high, and blooms in August. The varieties are:

— **Album.** Purest white. 30c. each; \$3.00 per doz.
 — **Roseum.** White shaded and spotted with rose. 20c. each; \$2.00 per doz.

— **Rubrum.** White shaded with deep rose and spotted red. 20c. each; \$2.00 per doz.

Longiflorum. ("Easter or St. Joseph Lily.") The beautiful white, fragrant, hardy garden Lily; flowers are trumpet-shaped, 6 to 8 inches long. 15c. each; \$1.50 per doz.

Tigrinum Splendens. (Improved Tiger Lily.) Very large flowers; orange-salmon spotted black. 25c. each; \$2.50 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.

Double Pearl Tuberoses.

This variety, which we introduced, grows only twenty to 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 cul.) **Price,** extra size bulbs, 8c. each; 75c. per doz.; \$4.00 per 100. (Add for postage 10c. per doz. extra.)

Tall Double Tuberoses.

While the flowers are not as large as the *Pearl* variety mentioned above, yet it has some advantages for outside planting, particularly in a cool season, as the flowers always open well and remain white. Extra size bulbs, 5c. each; 50c. doz.; \$3.00 per 100. (Add for postage 10c. per doz. extra.)

Variegated Foliage Tuberoses.

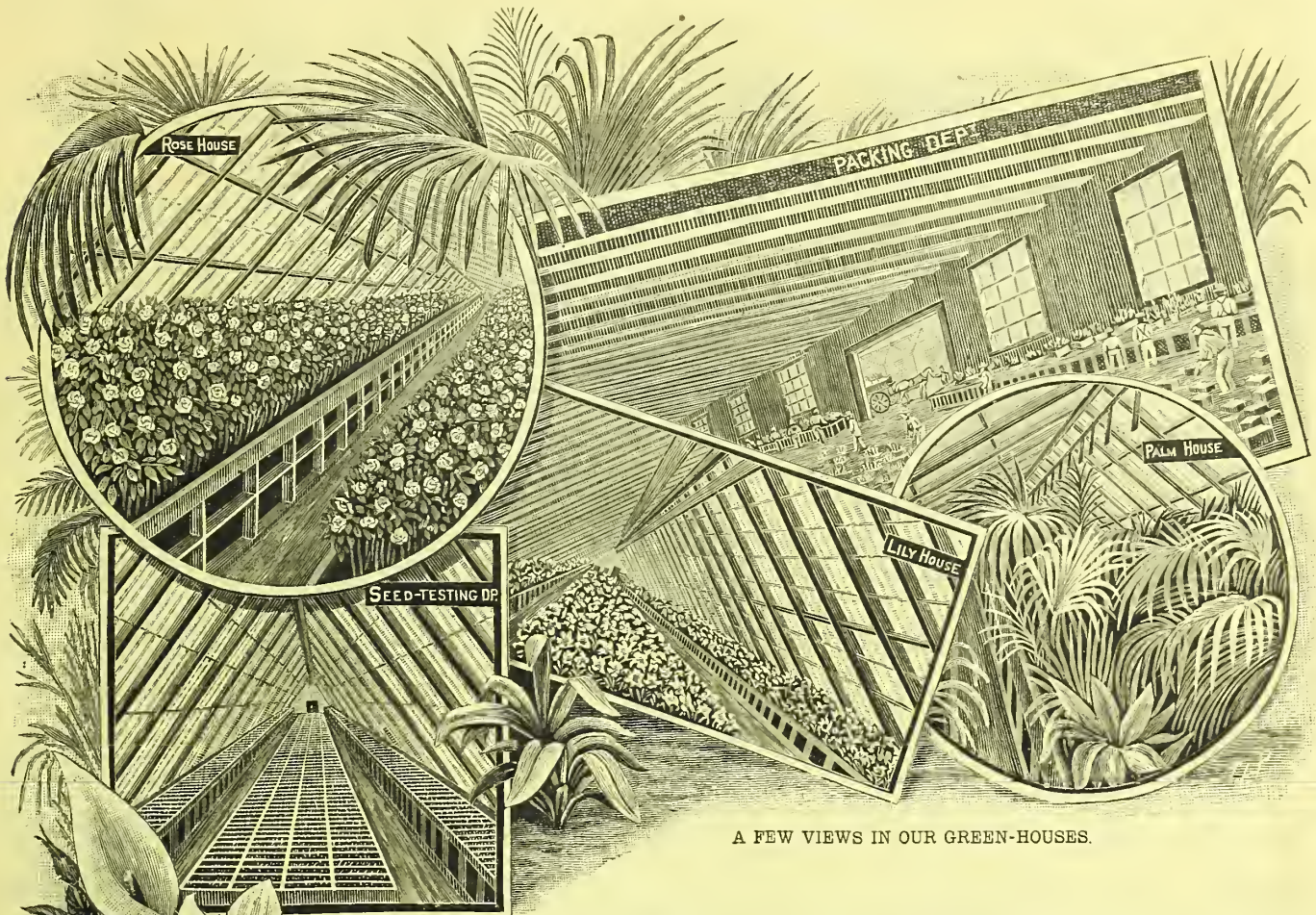
The leaves are bordered with white, making the plant very attractive even when not in bloom. Flowers large, single and exquisitely fragrant. 15c. each; \$1.50 per doz. (Add for postage 10c. per doz. extra.)

New Branching Tuberoses, "Albino."

This most valuable novelty was exhibited at the National Florist Convention at Chicago, and awarded a certificate of merit. Its value consists in its flowering **30 days** earlier than the old single variety, in its throwing from **2 to 5 flower stems on a single bulb**, and these again are often **branched**; but its great merit above all other Tuberoses is that the **outside** of the petals is of the same waxy white as the inside, making it one of the most valuable plants ever introduced for cut flowers. This characteristic is so distinct that when first seen, being single, it might be said to resemble a *Stephanotis* or some species of *Jessamine* as much as a *Tuberoses*, both in appearance and fragrance, for the odor is less heavy than that of the ordinary Tuberoses. (See cul.) **Price,** 40c. each, \$4.00 per doz.

NEW TUBEROSE, ALBINO.





A FEW VIEWS IN OUR GREEN-HOUSES.

OUR PLANT DEPARTMENT,

A FEW views of which are shown above, is beyond question the largest, best equipped and most complete of any on this continent and has long served as a model for all others.

Established Forty-four Years. —It is now more than forty years since this branch of our business was established, and during that time we have distributed millions and millions of plants in all sections of the country; that we have given great general satisfaction is shown in the wonderful development of this branch, as well as in the fact that among our present patrons are some who bought from us forty years ago and many more who have dealt with us for over a quarter of a century. To these and to the thousands of customers of more recent date, we desire to extend our thanks for their liberal patronage in the past, and also to assure them that the liberal dealing and strict attention to their wants, which has ever been the leading feature of our house, will, as heretofore, be steadily maintained.

A City of Glass. —Our glass structures consist of Green-houses and frames which occupy 4½ acres solid in glass. The Green-houses are heated both 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 is given to the plants. With such unequalled facilities for their production, we can compete with any in the matter of prices. *Special prices given on large quantities.*

The Quantity We Sell. —Our Annual Sales of Flowering and "Foliage" Plants now aggregate over three millions. (This does not include Vegetable and Fruit Plants, such as Cabbage, Cauliflower, Celery, Tomatoes, Strawberries, Raspberries, etc., of which our sales aggregate six million plants.)

We Cordially Invite every reader of this Catalogue to visit our Green-houses and "Trial Grounds" in Jersey City, N. J. They are open for inspection every day in the week, except Sunday, from 7 A. M. to 6 P. M., and are well worthy of a visit at any season of the year. Visitors are always welcome, and any of our customers visiting New York should not miss the opportunity to examine this important branch of our business, as our Green-houses and "Trial Grounds" are within forty minutes' time by Ferry Boat and Horse Cars from our Seed Stores, 35 and 37 Cortlandt Street, New York, where a card with plain directions of "How to reach the Green-houses" will be given to any one applying. A personal inspection of our plants at the Green-houses, Arlington Avenue, Jersey City, N. J., or at our Seed Warerooms, 35 and 37 Cortlandt Street, New York, or a trial order, will convince all of the high quality of our plants, and a most casual comparison will show that our prices are the very lowest. Notice our prices on **Roses, Geraniums, Coleus, Chrysanthemum**; and other leading things. It must always be borne in mind, however, that

SIZE enters into the question of price. **Roses**, for example, four or five inches high, and grown in two-inch pots, are dearer at ten cents each to the buyer than a **Rose** a foot in height grown in a four or five-inch pot at thirty cents each, for in the case of the larger plants, results are obtained at once, while with smaller plants half the season is over before any bloom can be obtained.

The Best is the Cheapest. —In Plants, as in Seeds and in everything else, we aim to offer *only the best*. For Verbenas, Fuchsias, Chrysanthemums, etc. (which only serve to confuse purchasers), but cast aside the inferior sorts, and offer only such varieties as exhibit the best traits of vigor of growth, profusion of bloom, richness of color, etc. This is not only a convenience, but a protection to our customers, who can feel sure of receiving no worthless variety when ordering from us.

Tested Novelties. —While our Collection embraces everything that is new, rare and desirable, yet we offer nothing but priced novelties, which often prove worthless. By strictly adhering to this principle we have avoided these sensational novelties and have become identified with numerous plants of sterling merit which mark the progress of Floriculture in this country, prominent among which we would mention **The Dinsmore Rose, The Sunset Rose, The Moon Flower, The Mammoth Verbenas, The "OSTRICH PLUME" Chrysanthemum** (Mrs. Alpheus Hardy)—A new **PINK** variety of which ("**Louis Boehmer**") we offer this year—**The Imperial Chrysanthemums, Hydrangea Thos. Hogg, Zebra Zinnias, The Bermuda Easter Lily, New French Cannas,** and many others. Reference to the succeeding pages will show that our claim of having the largest and finest stock of Novelties and Standard Sorts in the United States is a true one, while the immense extent and perfect system under which our establishment is conducted, insures the prompt, careful and liberal filling of all orders, no matter how large or how small.

Perfect Packing. —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 Green-houses. Please read the voluntary testimonials at the foot of the succeeding pages, which are only a sample of thousands received during the past season.

Packing Free of Charge. —We make no charge for boxes, baskets or packing, and all goods are delivered at pack in closed cases, secure from frost, and *guarantee safe arrival*. **IMPORTANT.**—We will pack seeds, plants and all other articles purchased from us in one package, if desired, thus saving *expressage, time, and annoyance* to our customers, but particularly request customers to make out all *orders for plants on the plant order sheet, and for seeds, etc., on the seed order sheet*, as this will expedite the forwarding and filling, and be a material aid to us in executing all orders.

We Guarantee the Safe Arrival of all plants *sent by express*. Should anything be injured in transit we would urge our customers to notify us at once on receipt of the goods, and in every case send us a list of what has been damaged, so that we can replace them without delay. But when they arrive in good condition our responsibility ceases, and if from inattention or other causes they fail and complaint is then made, we cannot replace them. *Plants sent other than by express are entirely at the risk of the purchaser.*

Plants by Mail. —All orders for *plants* will be sent free, by mail, at our regular Catalogue prices when instructions to that effect accompany the order, otherwise they will be sent by express (buyer to pay charges); and as we always add enough plants gratis to cover these charges customers will see the great advantage of having plants sent by express, as we can not only send larger plants, but they invariably arrive in better condition than if sent by mail; besides this, we cannot afford to give purchasers having their *Plant orders sent by mail* the benefit of the "Discounts" or "Premiums" offered below. The reasons for this are that in "Mail Orders" we prepay all postage, and the actual cost of packing a mail order is double that of packing for express. No *Plant order* to be sent by mail will be accepted for a less amount than \$1.00.

Special Cash Discount. —As it is a great advantage to us to make room before the rush of spring trade begins, so that we can refill our space before the selling season is over, we offer a **cash discount of 10 per cent.** from Catalogue prices on all **cash orders** for plants *shipped by express* before April 1st. To such of our customers as have not the proper facilities for keeping plants during winter and early spring, we would say that if they send their orders in as soon after the receipt of the Catalogue as possible, *notifying us what date they want them shipped*, we will then set the plants aside and ship them at the time they are wanted, without any additional charge for thus reserving the plants. Unless instructions are given to hold the plants until some specified date we will take it for granted they are wanted immediately and so send them as soon after receipt of the order as possible. If the plants are to be reserved until *after April 1st* the order of course does not come under our *special cash discount* offer.

THE GREAT ADVANTAGES WE OFFER.

In addition to the many and great advantages already enumerated, to be obtained by placing your orders for *plants* with us we go still farther and offer the following exceedingly liberal discounts to all purchasers of *plants* (except those sent by mail):

Liberal Discounts on PLANT Orders.	}	For \$3.00 cash, plants from this Catalogue to the value of \$3.30 may be selected.		
		" 5.00 " " " " " " " " " " " " " " " "	5.60	" " " " " " " " " " " " " " " "
		" 7.00 " " " " " " " " " " " " " " " "	8.00	" " " " " " " " " " " " " " " "
		" 10.00 " " " " " " " " " " " " " " " "	12.00	" " " " " " " " " " " " " " " "
		" 15.00 " " " " " " " " " " " " " " " "	18.00	" " " " " " " " " " " " " " " "
		" 20.00 " " " " " " " " " " " " " " " "	24.00	" " " " " " " " " " " " " " " "
		" 25.00 " " " " " " " " " " " " " " " "	30.00	" " " " " " " " " " " " " " " "
		" 50.00 " " " " " " " " " " " " " " " "	65.00	" " " " " " " " " " " " " " " "

These discounts do not apply to the Low Rate Collections offered on page 143, as the prices there are already as low as good stock can be sold for.
The above offers will still include our Book Premiums, if the order is of sufficient amount, as per conditions named on page 148.

Another Inducement. —As it is impossible in the restricted space of a catalogue to give clear and intelligible instructions in plant growing, we would refer our customers to Peter Henderson's new edition of "Gardening for Pleasure," which is the accepted authority on the subject and which we present to our customers as a premium on all orders amounting to \$15.00 *net*. The price of the book is \$2.00. (See page 148.)

A USEFUL AND HANDSOME PREMIUM!

Henderson's Thermometrical Garden Calendar.

This handsome, novel and useful article is very substantial, being made of metal (size, 11 $\frac{3}{4}$ x 13 $\frac{3}{4}$), on which a beautiful and appropriate design is lithographed in ten colors. It is heavily enameled, making it absolutely impervious to water. Clear and concise reminders, written by PETER HENDERSON, are given of the necessary garden operations for every month in the year, and a tested thermometer is in the centre of each Calendar, making it the most complete, handsome and useful ornament of its kind that has ever been offered. This fine article is given as a premium with every order amounting to \$5.00 and upwards for plants, from this Catalogue. Of course it is understood that where the Calendar is selected as a premium the same order does not carry with it any of our book or other premiums, as offered on page 148.



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 unequaled advantages to buyers of **ROSES**.

Following our usual custom this year, **on the front cover of this Catalogue** is a reproduction of a water color painting direct from nature of **A BEAUTIFUL VASE OF ROSES**, containing **FOUR** of the choicest varieties of recent introduction. Plants of these we offer for sale on the next page, which please see.

BEFORE MAKING UP YOUR ORDERS PLEASE READ THE FOLLOWING:

High Class Roses. —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.

A Splendid Opportunity. —We grow our Roses in *different* sizes. This gives purchasers the opportunity of 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."

How It is Done. —We propagate most of our Roses in June, July and August, which enables us to grow them to a good size by fall, when we store them away in *cold* green-houses until sold in spring. Roses thus treated have their natural season of "rest," and invariably do well when set out. The large sizes are "rested" in the same manner so that they are in splendid condition for transplanting.

Prevention Better Than Cure. —We have steadily maintained that the insects and diseases which attack the Rose (and other plants as well) are the *effect* of a condition, and *not the cause*—troubles of this kind rarely come upon vigorous, healthy plants. It is the weakened, sickly plants that are the victims. The best remedy, then, is prevention. Keep your plants in good health by a little care and attention, and there will be no trouble. Full information on this subject is contained in our Essay on the "Garden Culture of the Rose," which is given free to any one applying for it.

A Necessary Explanation. —The tendency of Roses—particularly the dark red varieties—to partially lose color under certain conditions is a constant source of annoyance, and, where the reasons are unknown, of needless alarm. We are constantly in receipt of letters on this subject, and will take this opportunity to say that change of soil and climate, frequent and sudden thermal changes, excessive drought or heat, or almost any of the incidents which tend to check the growth of a Rose, will cause a temporary loss of color, which, however, is only temporary, and passes away with the cause which was the occasion of it. Thus, rich crimson colored Roses, like "Bennett" or "Papa Gontier," generally become a faded pink in the hot summer months, regaining color again as cool weather advances.

Last, But Not Least. —The unsolicited testimonials, as to the size and quality of our plants, and the liberal manner in which we fill orders, found at the bottom of the succeeding pages, are given as samples of thousands we received last season.

The Roses arrived in splendid condition, not a leaf crushed. Never saw finer plants—so large and healthy. Accept our thanks for the generous supply of extras, and for the valuable little pamphlet on "Garden Culture of the Rose," which we are much pleased to possess.—R. C. Wilson, Binghamton, N. Y., April 4th, 1890.

✧ Four ✧ Beautiful ✧ Roses ✧

ARE SHOWN IN COLORS ON THE FRONT OF THIS CATALOGUE (ONE-HALF NATURAL SIZE),

ILLUSTRATED AND DESCRIBED BELOW.

THE LEMON YELLOW VARIETY, "Madame Hoste,"

Is the exquisite lemon yellow variety seen in the upper portion of the **COLORED PICTURE** on the front cover of this Catalogue. It 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. The best idea of the value of this grand variety may be had in the knowledge that this year there are tens of thousands of it growing for cut flowers to supply the New York market, which, as is well known, is the most fastidious in the country and demands the highest quality only.

Price, 1st size, 50c. each; \$4.50 per doz. 2d size, 30c. each; \$3 per doz. 3d size, 15c. each; \$1.50 per doz.

THE Tyrian Rose Variety "DUCHESS OF ALBANY."

This grand variety is the one shown on the lower left-hand corner of the **COLORED PICTURE** on the front cover of this Catalogue. It is a "sport" from that most popular variety, "La France," and inherits all the grand qualities which have made its parent the favorite it is. To these is added the richness of color shown in the colored picture—a shade which our artist describes as "Tyrian Rose" and which is very rare. It is this rich tint which has earned for it the popular title of "Red La France." In profusion of bloom it is remarkable, every shoot producing large double flowers of exquisite fragrance and grand form. 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 green-house.

Price, 1st size, 75c. each; \$7.50 per doz.
" 2d " 50c. " 4.50 "
" 3d " 30c. " 3.00 "

THE SCARLET CRIMSON VARIETY, "Gloire de Margottin,"

Is the grand scarlet crimson variety shown in the **COLORED PICTURE** on the front cover of this Catalogue and is well worthy of a place in this grand galaxy of beauties. This new 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 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, \$1.00 each. 2d size, 60c. each; \$6.00 per doz. 3d size, 30c. each; \$3.00 per doz.

THE Golden and Ruby Red VARIETY, "RUBY GOLD."

Nature is constantly surprising us with some development deemed impossible, and in the grand Rose shown in the lower right-hand corner of the **COLORED PICTURE** on the front cover of this Catalogue, which we now offer for the first time, she has surpassed herself. This rare variety originated with Mr. T. O'Connor, Providence, R. I., and is the product of Catherine Mermet grafted on a



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Marechal Niel Rose, which, contrary to all previous belief, have been fused into an entirely distinct variety by some mysterious process of nature, the result being a composite likeness of both. It has retained the dwarf habit of **Mermet**, showing no tendency to climb, while the color of the flowers shows the perfect blending of the rich, golden yellow of **M. Niel** with the delicate pink of **Mermet**, the result being a tawny shade of yellow bordering on old gold, through which run veins of rosy red and pink. But it is in the fully expanded, large double flowers that we see the grand coloring obtained by the blending of these shades in Nature's laboratory. It is difficult to describe the rich crimson—not unlike burnished copper—which lights up the centre of the flowers, or the grand effect produced by its lessening intensity towards the ends of the petals, where it merges into the tawny golden shade already described. With a view of indicating this grand coloring in the name of this fine variety we have called it **Ruby Gold**, and venture to predict that its rare beauty will interest and its unique origin startle the horticultural world.

Price, 1st size plants, \$2.00 each.
" 2d " " 1.25 "
" 3d " " .75 "

Or, THE FOUR BEAUTIFUL ROSES shown on the front of this Catalogue and described above, as follows:

Price, 1st size, Set of Four Beautiful Roses,	\$3.50.	If bought separately would cost,	\$4 25.
" 2d " " " " " " " " " "	2.00.	" " " " " " " " " "	2.65.
" 3d " " " " " " " " " "	1.00.	" " " " " " " " " "	1.50.

Full instructions for their care is given in our essay on the "Garden Culture of the Rose," a copy of which is sent to each purchaser of THE FOUR BEAUTIFUL ROSES shown.

"From now on, however, Mrs. DEGRAW performs her missionary work, and we rely upon this almost unknown variety for the bulk of our Roses between July and October."—WM. FALCONER in "American Florist."



MRS. DEGRAW.

this superb Rose, and can confidently recommend it as being entirely hardy, equaling the tender sorts in profusion of bloom. From early summer until frost it may be depended upon to produce flowers in abundance. In color it is a rich glossy pink, delightfully fragrant, and is such a strong, vigorous grower that it is almost impregnable against attacks of the insects which usually destroy some of our finest Roses, thus it is certain to be unequalled for the garden or cemetery. It is fair to say that this superb variety was raised by Mr. Wm. Burgess some years ago, but remained almost unknown until now, when we bring its merits before the public. Read what that eminent authority, Mr. Wm. Falconer, says about it in a letter to the "American Florist," an extract from which we print in the upper left-hand corner of the engraving. The sketch was made from nature by our own artist, and shows the wonderfully prolific blooming qualities of this grand Rose. Every shoot is loaded with flowers as shown.

Price, 1st size, \$1.00 each; \$9.00 per dozen.
 " 2d " .50 " 4.50 "
 " 3d " .25 " 2.25 "

A SUPERB
**Hardy Ever-Blooming
 ROSE,**

"Mrs. Degraw."

EVERY one wants a hardy ever-blooming Rose, and when our attention was called to the grand variety shown in the accompanying engraving, we at once took steps to procure it for our customers. Following our usual practice, we gave it a thorough trial before offering it, and we are glad to say that it has fully justified the high opinion formed of it when first seen by us. It is with the greatest pleasure, therefore, we announce to our customers that we have raised a grand stock of

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A GRAND
New Bedding-Rose,

(HARDY.)

"Dr. Reymont."

This fine hardy, ever-blooming sort was obtained by crossing the well known Gen. Jacqueminot and the Rosa Polyantha or Multiflora. With such good parentage it is needless to say that the progeny is excellent. It inherits the hardiness and splendid crimson-colored flowers of the Gen. Jacqueminot—which are but little reduced in size—with the profuse blooming qualities of the Polyantha class, thus combining the two qualities most desired in a garden Rose. Bear in mind that this Rose is entirely hardy, ever-blooming and delightfully fragrant.

1st size, 75c. each; \$7.50 per doz.
 2d " 50c. " 4.50 "
 3d " 25c. " 2.25 "

New Hybrid Tea Rose

"Mme. A. Duron."

This fine variety exhibits the best traits of this useful class of Roses. It is a dwarf, compact grower, making it a particularly valuable sort for the garden; has dark crimson, very double flowers which are perfect even in the hottest weather, and has the rich spicy perfume peculiar to the finest hardy Roses. Take it all in all we believe that it has qualities which will certainly make it a general favorite. It will prove to be entirely hardy if given a protection of straw, leaves or litter in the winter.

1st size, \$1.00 each; \$9.00 per doz.
 2d " .50 " 4.50 "
 3d " .25 " 2.25 "

NEW EVER-BLOOMING
CLIMBING ROSE,

"Elize Beauvillaine."

A variety recently imported from France which gives promise of becoming valuable, especially for the Southern States, where it will be entirely hardy. It is a very rapid grower and produces deep buff colored flowers very similar in color to the well known "Sunset" Rose introduced by us.

1st size, \$1.50 each.
 2d " .75 " \$7.50 per doz.

My Roses and Vines reached me by express yesterday. I write to express my thanks for the extras that you threw in, and for the care used in the selection of stock and packing. It seems to me that the Roses could not be surpassed. The manner in which they were sent shows that you use extra care in the interest of your customers.—W. I. JENKINGS, Catskill, N. Y., May 13th, 1890.

Duchess of Albany.

The grand Rose shown in the accompanying engraving and included in the **Four Beautiful Roses** shown in colors on the front cover of this Catalogue, is without doubt one of the finest sorts either for winter or summer blooming introduced in many years. It is unique in its charming color—described by our artist as “Tyrian Rose”—unrivalled in profusion of bloom, unsurpassed in its delicious odor, and the equal of any in its class for vigor of growth and hardiness. (See colored picture on front cover of Catalogue, also engraving adjoining.)

Price, 1st size, 75 cts. each; \$7.50 per doz.

“ 2d “ 50 “ “ 4.50 “
“ 3d “ 25 “ “ 2.25 “

NEW WHITE EVER-BLOOMING ROSE, “Snowflake.”

This variety was received in an importation from France, and as the name under which it was received was lost the introducers called it “Snowflake.” It is a very free flowering sort, of good size and form, a soft creamy white in color, and will doubtless become one of our standard summer blooming Roses.

Price, 1st size, 75 cts. each.

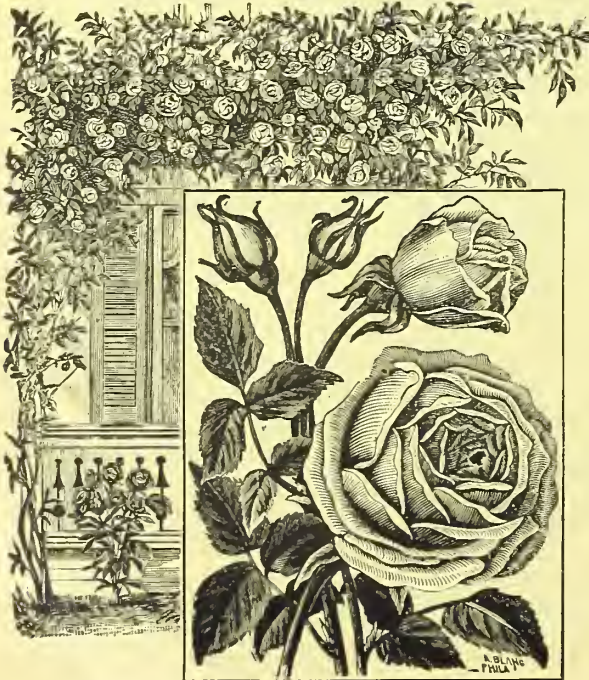
“ 2d “ 50 “ “ \$4.50 per doz.
“ 3d “ 30 “ “ 3.00 “

A NEW STRIPED ROSE, “Rainbow.”

This new variety is a sport from that excellent sort, “Papa Gontier,” and is striped and splashed with carmine on a beautiful pink ground. It is a decided and interesting novelty, ever-blooming like its parent.

Price, \$1.00 each.

Allow me to express my admiration of my lovely Rose, the “**Dinsmore**,” which I received in due time and in fine growing condition. Imagine my delight on the morning of April 24th to find a fine, well-developed rose—the first in our town.—Mrs. H. L. WILLIAMS, Sheldon, Vernon Co., Missouri, May 5th, 1890.
(See our offer of the “**Dinsmore**,” page 111.)



CLIMBING PERLE DES JARDINS. (Flowers $\frac{1}{2}$ natural size.)



DUCHESS OF ALBANY.

A Valuable New Rose, Climbing Perle des Jardins.

A grand new Rose of American origin which we take pleasure in offering to our customers, believing that it will give satisfaction to every purchaser. It is a “sport” from “Perle des Jardins,” that fine variety which furnished the “Sunset” Rose introduced by us a few years ago, and now it has produced this grand climbing variety, which is also ever-blooming. 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.

Price, large stock plants, \$2.00 each.

“ young plants, 1st size, \$1.00 each; \$9.00 per dozen.
“ “ “ 2d “ “ .50 “ 4.50 “

Another Fine Climbing Rose, “Climbing Niphotos.”

A sport from the dwarf “Niphotos.” 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 out-door climbing Rose—in the South especially—where it is perfectly hardy. Introduced at the same time as the variety described above, they constitute two of the most valuable Roses in their class lately brought out, and should be planted side by side wherever fine climbing Roses are wanted.

Price, large stock plants, \$2.00 each.

“ young plants, \$1.00 each.

The box of plants reached me to-day in perfect order and most excellent condition. I am delighted with them all. Accept many thanks for your most generous treatment. I am greatly pleased with the “**Garland**” Collection of Roses, and the extras are superb. I thank you for the promptness and generosity with which you filled my order.—Mrs. W. B. ROBBINS, Midway, Pa., April 7th, 1890.

(The “**Garland**” Collection alluded to we offer on the next page.)

Souvenir de Wootton.

This superb Rose, shown in the accompanying engraving, and also figured in *The "Garland" of Roses*, is unquestionably one of the finest varieties ever introduced for either summer or winter blooming. The color is a beautiful shade of carmine 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.

1st size, 60c. each, \$6.00 per dozen.
 2d " 40c. " 4.00 "
 3d " 20c. " 2.00 "



THE "GARLAND" Collection of Roses,

SHOWN IN COLORS ON THE BACK COVER OF
LAST YEAR'S CATALOGUE,

A MINIATURE engraving of which we give on this page, contains twelve of the most distinct varieties in our large collection. Each sort in the "Garland" is without a rival in its class. The unprecedented success which followed our offer of this "Garland" Collection last year induces us to again offer them this season, believing that every customer who will purchase this grand collection will have secured the greatest contrast of color combined with freedom of bloom which it is possible to get in that number. With each collection we send, *free of charge*, our pamphlet on the "Garden Culture of the Rose," which was written specially for distribution with this grand group of Roses. We offer them this year at reduced prices.



THE "GARLAND" COLLECTION OF ROSES.

- SOUVENIR DE WOOTTON.** See description and engraving above.
- MAGNA CHARTA.** This hardy Hybrid Perpetual is of the largest size, color a deep pink. Price, 1st size, 75c.; 2d size, 50c.; 3d size, 30c.
- COQUETTE DES BLANCHES.** Pure snow white. A grand Rose for cemetery purposes, as it is ever-blooming and hardy even in extreme Northern States if given a protection of leaves. (See instructions.) Price, 1st size, 75c.; 2d size, 50c.; 3d size, 20c. each.
- MRS. J. LAING.** See cut and description, page 111.
- PRINCE C. DE ROHAN.** This Rose is of the darkest shade of crimson, almost black when in perfection. It is a true hardy Hybrid Perpetual, of the richest fragrance. Price, 1st size, 75c.; 2d size, 50c.; 3d size, 20c.
- 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. Price, 1st size, 50c.; 2d size, 30c.; 3d size, 15c.
- AGRIPPINA.** No Monthly Rose surpasses this in profusion of bloom. It is of medium size and of the richest shade of crimson, blossoming the entire season. Price, 1st size, 50c.; 2d size, 30c.; 3d size, 15c.
- PERLE DES JARDINS.** The best yellow Tea Rose. Large size, fine form, exquisite tea fragrance, and ever-blooming. Price, 1st size, 50c.; 2d size, 30c.; 3d size, 15c. each.
- HERMOSA.** A clean healthy grower, color bright pink. It is grown largely in the New York cemeteries for its hardiness and continuous blooming. Price, 1st size, 50c.; 2d size, 30c.; 3d size, 15c. each.
- FLAMBEAU.** This new Rose is of a bright, flame-colored crimson, a seedling from Gen. Jacqueminot, but much more double and of a brighter shade. Price, 1st size, 75c.; 2d size, 50c.; 3d size, 30c. each.
- MARIE LAMBERT.** A pure white Tea Rose; ever-blooming, of large size and delicious fragrance. One of the very best summer-blooming Tea Roses. Price, 1st size, 50c.; 2d size, 30c.; 3d size, 15c. each.
- LA FRANCE.** As yet unequalled of its color, a satiny shade of pink, shading to blush, of the most delicious fragrance; ever-blooming and very hardy. It is also largely grown for cemeteries. Price, 1st size, 75c.; 2d size, 50c.; 3d size, 20c. each.

The "GARLAND" COLLECTION of Twelve Superior Roses described above at the following reduced rates:

1st size, "Garland" Collection of 12 sorts,	\$6.00
2d " " " " " "	3.50
3d " " " " " "	1.50

Bedding Quartet of Roses.

(NAMED AND DESCRIBED BELOW.)



No. 1. "Mme. de Watteville."

A grand Rose for either summer or winter blooming. Color, beautiful shell pink 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.

No. 2. "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.

No. 3. "Sunset."

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

Prices for either of the above three sorts:

1st size, 50c. each;	\$4.50 per dozen.
2d " 30c. "	3.00 "
3d " 15c. "	1.50 "

No. 4. "The Dinsmore."

Unquestionably the finest Rose of its class. See full description and large engraving on page 111.

1st size, \$1.00 each;	\$9.00 per dozen.
2d " .50 "	4.50 "
3d " .25 "	2.25 "

Or THE BEDDING QUARTET OF ROSES.

1st size, set of 4 for	\$2.00.
2d " " " " "	1.00.
3d " " " " "	.50.

IN THIS COLUMN WE NAME AND DESCRIBE

A Grand Trio of Roses.

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. (See cut, page 109.)

1st size (extra fine),	\$1.00 each;	\$9.00 per dozen.
2d " "	.50 "	4.50 "
3d " "	.30 "	3.00 "
4th " "	.15 "	1.50 "

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 dozen.
2d " 30c. "	3.00 "
3d " 15c. "	1.50 "

AMERICAN BEAUTY.

In "American Beauty" we have a 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 each at Christmas. In color it is a deep brilliant pink, shaded toward the centre with rich carmine. Hardy with slight covering. (See cut.)

1st size, \$1.00 each;	\$9.00 per dozen.
2d " .60 "	6.00 "
3d " .30 "	3.00 "



AMERICAN BEAUTY. (See description above.)



PERLE DES JARDINS.

TEA ROSE,
“Perle des Jardins.”

No Rose of its color ever cultivated for cut flowers up to the present time is now so valuable as this. Tens of thousands of it, covering many acres in glass, are now grown in the vicinity of New York for winter flowering; it is equally valuable for summer, as it flowers continuously. Its color is a rich shade of yellow, large size and perfect form, tea fragrance, a healthy, free grower, and unequaled 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 “	15c. “	1.50 “

TEA ROSE,
“Sappho.”

This beautiful new Rose gives promise of a brilliant future, being a wonderfully prolific bloomer and very strong grower. The buds are fawn color, tinged with rose; the opening flowers shaded with yellow, deepening to deeper yellow at the centre. The petals are large and of great substance, double to the centre, so that it will make a grand Rose for summer bedding. (See cut.)

1st size,	\$1.00 each;	\$9.00 per doz.
2d “	.50 “	4.50 “
3d “	.25 “	2.25 “

TEA ROSE,
“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 “	15c. “	1.50 “

WHITE TEA ROSE,
“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 “	15c. “	1.50 “

CRIMSON ROSE,
“Meteor.”

The “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, with no tendency to mildew. No dark red Rose ever before offered will be as useful for summer cut flowers, as it is so double that it produces perfect blooms in the hottest weather.

1st size,	75c. each;	\$7.50 per doz.
2d “	40c. “	4.00 “
3d “	20c. “	2.00 “



SAPPHO.



GEN. JACQUEMINOT. (1/2 natural size.)

HARDY ROSE,
“Gen. Jacqueminot.”

Now known everywhere. The best of all forcing Roses of the Hybrid Perpetual class. Hundreds of thousands of feet of glass are exclusively devoted to this one variety. The buds, in 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,	\$1.00 each;	\$9.00 per doz.
1st “	.50 “	4.50 “
2d “	.30 “	3.00 “
3d “	.15 “	1.50 “

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, 15c. \$4.50, \$3.00 and \$1.50 per doz.

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, 15c. \$4.50, \$3.00 and \$1.50 per doz.

SPECIAL OFFER.—If the eight fine Roses shown on this page are taken in one order we will furnish them as follows:

Set of eight, 1st size,	\$4.00.
“ “ 2d “	3.00.
“ “ 3d “	1.25.

The plants I ordered of you were received about one week ago in good condition. I assure you I was very much surprised at the size of Roses, as I did not expect them to be as large. I feel very grateful for them as well as for the extras you sent me.—Mrs. J. Wm. Shaw, Bethel, Ct., May 26th, 1890.

General Collection of Ever-Blooming Roses.

Although we do not offer as long a list of varieties of Roses as some, yet our stock in quality, condition and extent is unequaled, 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. See prices at end of list on next page.



CATHERINE MERMET.

Catherine Mermet. One of the most fashionable Roses for cut flowers; color, clear rosy pink; very large pointed buds; full, double and fragrant. (*See cut.*)

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.

Adam. Bright carmine pink, large and full.

Aline Sisley. Violet red, brightened with crimson maroon.

Appoline. Dark pink; full and fragrant.

Baronne M. Werner. Creamy white, coppery rose centre.

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.

Compte Bobinsky. Rich carmine; full.

C. Koch. Light flesh color; very double.

Camoens. Peach color.

Canary. Beautiful light yellow; profuse bloomer.

Cels. Pale rose color; good shaped buds.

Chas. Rovolli. 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. (*See cut.*)

Douglas. A true Bengal Rose; dark rich crimson in color; buds of good shape; very free flowering.

Duchess de Brabant. Soft rosy flesh tint; flowers globular.

Duchess of Edinburgh. Intense dark crimson.

Etoile de Lyon. Golden yellow.

Exadelphie. 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.

Harry. Pure white; a desirable variety.

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 Chamoise. Color bright coppery yellow.

La Nuancee. Fine salmon rose, tinged copper color.

La Pactole. Color pale sulphur yellow; tea fragrance.

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.

Lady Stanley. Bright coppery red, shaded terra cotta.

Luciole. Clear cherry red, rich golden yellow centre.

Marie Sisley. A superior Rose; full and double; of true tea odor; exquisitely shaded with bright rose on a pale yellow ground.

Marie de Bau. Rich blush color, full and double.

Marie Ducher. Rich transparent salmon, with deeper colored centre; full double and sweet.

Marie Guillot. Pure white; a fine bedding Rose.

(Continued on next page.)



DEVONIENSIS. (See above.)

GENERAL COLLECTION—continued.

- Mme. A. Imbert. Color, rosy buff with peach colored shadings.
 Mme. Ched-Guinesseau. Dark golden yellow.
 Mme. Cusin. Shell pink, shaded cream.
 Mme. Remond. Sulphur yellow, margined red.
 Melville. Bright pink, changing to silvery rose.
 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. Lambard. 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.
 Mme. Angele Jacquier. Full and double; light blush.
 Miss Caroline. Rosy pink, shaded peach.
 Narcisse. Pale lemon yellow; free flowering; full and fragrant.
 Nina. Pinkish rose, shaded silvery white.
 Odorata. Beautiful bluish tint; exquisite tea fragrance.
 Pres. d'Olbecque. Bright purplish crimson; good shape and habit.
 Queen of Bedders. Dark crimson.
 Red Malmaison. Dark crimson scarlet. (See cut.)
 Rubens. Pale, lovely yellow, tinged with fawn color.
 Regulus. Crimson, pink and rose.
 Roi de Cramoise. Vivid scarlet crimson.
 Safrano. This is the ideal Tea Rose; buff color, tinted apricot yellow; exquisite fragrance and splendid bud.
 Souv. de David. Rich rosy carmine; finely shaped buds.
 Souv. de Geo. Sand. Carmine, shaded amber.
 Souv. d'Un Ami. A splendid Rose; clear, deep rose color.
 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.
 Viridiflora, or "Green Rose." Only grown as a curiosity; buds green in color; most useful to mix with other Roses.
 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



LA FRANCE.

Hybrid Tea Roses.

A beautiful class of Roses. They combine to a great extent the free flowering qualities of the Teas, with the rich colors, large size and exquisite fragrance of the Hybrid Perpetuals. To this race we are indebted for some of our most beautiful varieties, noticeably "La France," "Wm. F. Bennett," "Pierre Guillot," "Camoens" and others, while there is scarcely one in the entire list that is not a most valuable addition to our collection of Roses. Hardy in this latitude with a protection of leaves or litter to a depth of six inches.

- 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.
 Michael Saunders. Flowers very large; bronzy pink.
 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.
 La France. Exquisite peach blossom pink. See description on page 106 and engraving at top of this column. 1st size, \$1.00 each; 2d size, 50 cts. each; 3d size, 30 cts. each; 4th size, 15 cts. each.

PRICES, EXCEPT WHERE OTHERWISE NOTED.

1st size,	50c. each;	set 19 for	\$6.00.
2d "	30c. "	" " "	4.50.



RED MALMAISON. (See above.)



CLIMBING ROSES.

Maréchal Niel.

We have probably the largest and finest stock of this unequaled green-house climbing Rose in the United States. The immense size, dark golden yellow color of "Maréchal Niel" is familiar to all.

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.

DWARF BEDDING ROSES.

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. (See cut.)

Mignonette. Dark pink; extra fine; grand Rose for cemeteries.
Paquerette. Pure white; very hardy; same as above, except color.
Mme. Cecil Bruner. Delicate rose color; a very pretty shade.
Anna Marie Montravel. Beautiful white; fine form.
Perle D'Or. Saffron yellow, tinged copper color; very profuse.
Miniature. Light pink, changing to white.
Golden Fairy. Golden color; dwarf habit.
Little Dot (new). Delicate flesh pink, changing to white.
George Pernet. (See cut and description adjoining.)

1st size, 50c. each; \$4.50 per doz. 2d size, 15c. each; \$1.50 per doz.

Set of 9 Dwarf Bedding Roses, 1st size, \$3.50.

" 9 " " " 2d " 1.00.

HARDY CLIMBING ROSES.

Valued for training up piazzas, trellises, fences, etc.

Entirely hardy.

Anna Maria. Large; rosy pink.
Balt. Belle. Pale blush; very double.
Bennett's Seedling. Pure white.
Climbing Jules Margottin. Dark red.
Climbing Victor Verdier. Bright red, with purplish edged petals.
Dundee Rambler. White, small flower; fine for rock-work.
Eva Corinne. Delicate flesh color, changing to white.
Gem of the Prairies. Violet crimson.

1st size, \$1.00 each; set of 8 for \$6.00.
 2d " .30 " " 8 " 2.00.

Noisette, or Climbing Monthly Roses.

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 Marniesse. Color white, and finely scented.

Chromatella. Deep yellow centre with sulphur edges. (1st size only.)

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.

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.

1st size, 75 cts. each; \$7.50 per dozen. 2d size, 50 cts. each; \$4.50 per dozen. 3d size, 30 cts. each; \$3.00 per dozen. Set of 13 for \$7.50, \$4.50 or \$3.00, according to size.



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 P. A. B. V. & C.

Dwarf Bedding Rose, "George Pernet."

This variety is a fair type of the other sorts in this class, which are named in the adjoining space. The flowers are a little larger, but in profusion of bloom, dwarf habit and hardness they are identical. Color, bright pink with coppery yellow at the base of the petals. 1st size, 50c. each; \$4.50 per doz. 2d size, 15c. each; \$1.50 per doz.

Hardy Ever-Blooming Rose, "Dinsmore."

We repeat the description given of this grand variety when first introduced by us, and would add that, next to "Sunset," it has had the largest sale of any Rose ever sent out by us. Our sales last year mounted into thousands, and our customers who waited until late in the season were unable to procure it, as our stock became exhausted. This year, however, we prepared an immense stock, which is in fine condition, and we hope to be able to fill every order; but our customers would do well to order early. We have received hundreds of letters from all sections of the country confirming our high opinion of it. "For years we have been looking for a variety which had all the desirable qualities of a bedding Rose—that is, one which was of good color, fine form, a profuse bloomer, and which would stand the rigor of our Northern winters without protection; and we can conscientiously say that, until the 'Dinsmore' was produced, there was none to our knowledge which combined all these qualities. It is a vigorous, healthy Rose of branching habit, and is simply loaded with flowers all summer long, being even more profuse than most of the tender 'ever-blooming' Roses. The flowers are large, perfectly double, and of a dazzling scarlet crimson color, and have that rich, spicy fragrance peculiar to the best hybrid Roses. We have proved the 'Dinsmore' to be entirely hardy, and can recommend it as being the finest garden Rose ever offered." Wherever summer Rose buds are wanted it has no equal. (See cut.)

1st size, \$1.00 each; \$9.00 per dozen.
2d " .50 " 4.50 "
3d " .25 " 2.25 "



COPYRIGHTED BY
PETER HENDERSON & CO.



Dinsmore
Rose.



Mrs. John Laing.
HARDY,
FRAGRANT
and
FREE BLOOMING.

This is, we believe, the finest hardy Rose in 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, \$1.00 each; \$9.00 per dozen.
" 2d " .50 " 4.50 "
" 3d " .30 " 3.00 "



New Hybrid Perpetual Rose, "Marchioness of Lorne."

We give herewith the introducer's description: "This beautiful Rose, dedicated by special permission to Her Royal Highness the Princess Louise, Marchioness of Lorne, produces flowers of an exceedingly rich and fulgent rose color, slightly shaded in the centre with vivid carmine. They are large, very sweet, full and of finely cupped shape, petals large and buds long and handsome. It is specially remarkable for its truly 'Perpetual' habit, every shoot being crowned with a flower bud."

Price, 1st size, \$1.00 each.
" 2d " .60 " \$6.00 per dozen.
" 3d " .40 " 4.00 "

NEW HYBRID RUGOSA ROSE, "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 sure to become popular.

Price, 1st size, \$1.00 each; \$9.00 per dozen.
" 2d " .50 " 4.50 "
" 3d " .30 " 3.00 "



PERSIAN YELLOW. (½ natural size.)

HARDY YELLOW ROSE,
“Persian Yellow.”

Dark golden yellow. The best variety of its color, entirely hardy. Fine large plants, \$1.50 each; 2d size, \$1.00 each.

MOSS ROSE,
“Little Gem.”

This beautiful little Moss Rose forms compact bushes literally covered with its small crimson flowers, which are heavily covered with moss. Perfectly hardy. (See cut.) Price, 1st size, \$1.50 each; 2d size, \$1.00 each; 3d size, 50 cts. each.

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.

- Blanche Moreau.** Pure white.
- James Veitch.** Deep crimson.
- Little Gem.** See cut and description above. \$1.50 each.
- Mousseline.** White, tinted with rose.
- Mme. Wm. Paul.** Very bright rose, large and full.
- Mm. Ed. Ore.** Bright blush, very pretty.
- Perpetual White.** White, blooming in clusters. \$1 each; set 5 for \$5.

TRUE ENGLISH SWEET BRIAR.

Valuable for the refreshing fragrance of its leaves. Price, 30 cts. each; \$3.00 per dozen.

TWELVE BEST HARDY ROSES.

The twelve fine 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. All are perfectly hardy, remaining out all winter without protection, and each one is delightfully fragrant. We offer them in three sizes. The first and second will bloom this year, and the third will make fine plants for next season's flowering.

- The Dinsmore.** The ever-blooming hardy crimson Rose. (See cut, page 111.)
- 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.
- Countess of Oxford.** Glowing carmine, long pointed buds. This variety blooms almost as freely as the tea varieties.
- Capt. Christy.** Delicate flesh color, large, full and double, very profuse; blooms from the time it is planted until frost.
- Gen. Jacqueminot.** Color, rich dark crimson. (See description, page 107.)

Magna Charta. Bright dark pink, very large and fragrant. (See cut.)

Ulrich Bruner. Bright cherry red, shaded carmine.

Mrs. Laxton. Extra large and full, perfect form and richest fragrance; dark crimson, beautifully flamed with scarlet.

Perle des Blanches. One of the finest hardy white Roses. Flowers of medium size, but produced in great masses.

Xavier Olibo. Dark velvety crimson, flamed scarlet, full and double; very fragrant.

Prices of the above in sets only:

Collection of 12 **Best Hardy Roses**, first size, extra large, \$9.00. Single plants, \$1.00 each.

Collection of 12 **Best Hardy Roses**, second size, \$4.50. Single plants, 50 cts. each.

Collection of 12 **Best Hardy Roses**, third size, \$3.00. Single plants, 30 cts. each.

All purchasers of this collection will receive our pamphlet on “The Garden Culture of the Rose.”



MOSS ROSE, “LITTLE GEM.” (½ natural size.)

Hardy Moss Roses.

(GENERAL COLLECTION.)

- Capt. Ingraham.** Brilliant carmine.
- Comtesse de Murinais.** Pure white.
- Crested Moss.** Deep pink, covered with crested moss, very beautiful, 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; \$6.00 per set.
 2d “ 50c. “ 4.50 “
 3d “ 30c. “ 3.00 “



MAGNA CHARTA. (See Twelve Best Hardy Roses.)



ROSA RUGOSA (Red and White).

[Extract from Henderson's Handbook of Plants and General Horticulture.]

"*Rosa Rugosa*, a Japanese species, first sent to this country in 1855, is one of the handsomest hardy shrubs in cultivation. It forms a sturdy bush 4 to 5 feet high, covered with large, dark green, pinnate, glossy foliage, and producing terminal clusters of ten to twenty flowers, three inches in diameter, of a bright rosy crimson color and very fragrant. It continues to flower the whole summer, making a very attractive object. If it never produced a flower it would still be entitled to a prominent place on the lawn for the beauty of its foliage, which scarcely resembles that of the Rose, but is very heavy, rich and shining, remaining on until late in autumn. It is now well known; both its rosy crimson and white varieties are found in all good collections; and its large handsome scarlet fruit is most showy during the autumn months."

Rosa Rugosa Alba. The white flowered variety described above. (See cut.)

Rosa Rugosa Rubra. The bright rosy crimson variety described above. (See cut.)

Price, 60 cts. each, \$6.00 per doz., fine plants. Set of two *Rugosa* Roses for \$1.00.

Special Note.—For cemeteries nothing can equal these beautiful Roses, as aside from their handsome appearance they are almost impregnable against insects and diseases of all kinds. Every one should plant them.

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 France. They are *extra large strong plants*, growing in 5 and 6-inch pots, and cannot fail to please the most fastidious.

Anna de Diesbach (Gloire de Paris). Rich carmine.

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 towards the centre.

Countess of Oxford. Very profuse; soft, rosy carmine.

Gen. Jacqueminot. Rich crimson. (See also page 107.)

John Hopper. Bright rose; reverse of petals pale lilac.

Jean Liabaud. Dark velvety blackish crimson.

La France. Peach blossom pink.

Merveille de Lyon. Extra large, blush white.

Mme. Gabriel Luizet. Delicate silvery pink; beautiful shape.

Mabel Morrison. Pure white; large flowers.

Magna Charta. Brilliant dark pink, suffused with carmine.

Paul Neyron. Flowers five inches across; color, lovely dark pink.

Prince Camille de Rohan. Dark crimson maroon, almost black.

Persian Yellow. Hardy yellow Rose; best of its color.

Queen of Queens. Pink, with blush edges; large and full.

Rosy Morn. Rich salmon pink; a beautiful and attractive Rose.

Ulrich Bruner. Cherry red; a grand Rose, very free blooming.

Xavier Olibo. Very deep rich crimson; large and full.

1st size, \$1.00 each; \$9.00 per doz. Set 20 varieties for \$12.00.

✦ HARDY ✦ ROSES. ✦

GENERAL COLLECTION.

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.

Chas. Lefebvre. Brilliant crimson; deep purple centre.

Constantin Tretiakoff. Rosy crimson; large and sweet.

Cheshunt Hybrid. Violet carmine.

Dr. Lindley. Magnificent, dark crimson maroon; extra fine.

Dr. Baillon. Dark purple, shaded crimson; sweet fragrance.

Duchesse de Vallombrosa. 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; fine form and fragrance.

Eugene Sue. Bright vermilion, changing to scarlet; fragrant.

Fisher Holmes. Finely shaped buds of intense dark crimson

color; sweet fragrance; a grand Rose.

Gen. Forney. Color, clear cherry red.

Gen. Washington. Dark vivid crimson.

Gen. Jacqueminot. (See description, page 107.)

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 Lignerles. Bright rose; richly perfumed.

Mme. Alf. Carriere. Pure white.

Mme. Isaac Perrier. Full and double; brilliant crimson.

Mme. Alfred Rougemont. Pure white, delicately shaded.

Mme. C. d'Islay. Bright rose blush; fragrant.

Mme. Laffay. Beautiful transparent rose; large.

Mme. Plantier. A perfectly hardy, pure white double Rose.

Mount Carmel. Bright carmine; full and fragrant.

Mrs. Reynolds. Very large flowers; color, bright carmine.

Mme. Marie Bianchi. White, crimson in centre.

Mme. P. Languier. Silvery pink; rich fragrance.

Pæonia. Sweetly fragrant; color, clear bright red.

Pres. Thiers. Flaming red; large sized flowers; full and globular.

Princesse de Mathilde. Deep blush; good form and substance;

double and perfumed.

Reine d'Angleterre. Fine bright rose.

Rev. H. Dombrain. Very dark crimson; free flowering and hardy.

Sir G. Wolseley. Bright red, shaded carmine.

Sydonie. Violet crimson.

Triomphe d'Alencon. Dark crimson rose.

Triomphe de Reims. Light rose color.

Victor Verdier. Brilliant rosy carmine, edged purple; extra

large.

1st size, 50 cts. each; set 45 varieties, \$18.00.

2d " 30 " " 45 " 12.00.

3d " 15 " " 45 " 6.00.

* The * Royal * Japanese * Chrysanthemums, *

SHOWN ON THE COLORED PLATE OPPOSITE

(one-third natural size)

WE BELIEVE ARE UNEQUALED IN THEIR

RICHNESS OF COLOR,
 VARIETY OF FORM,
 VIGOR OF GROWTH,
 FREEDOM OF BLOOM,
 SIZE OF FLOWERS,

And surpass any collection hitherto offered in striking contrast of color combined with unique formation of flowers.



THE ROYAL JAPANESE varieties were imported by us from Japan at great expense, the grand **PINK Ostrich Plume** variety (**Louis Boehmer**), which is shown in the centre of the group, alone costing us \$500. Japan, as is well known, is rich in its great variety of Chrysanthemums, and it is fair to say that **The Royal Japanese** varieties we now offer represent the choicest types to be found in that country. Next to the Rose the Chrysanthemum is now the most popular of all flowers, and deservedly so, for no other is more easy of culture, and no other responds more generously to cultivation. Coming into bloom, as they do, when mostly all other flowers are gone, they unite with the season of "Indian Summer," in recalling the glories of the past season, and make our gardens rich in gorgeous shades of crimson, gold, purple, pink and spotless white; hence it is little wonder that they appeal so strongly to the popular heart. That **The Royal Japanese** varieties we now offer will increase the interest in this grand race is undoubted, as they are as easily grown and just as hardy as the common kinds. So that every purchaser of this **Royal Collection** may know the best methods of culture, we have prepared an essay on the cultivation of the Chrysanthemum, which will be sent free to every one buying **The Royal Japanese Chrysanthemums**. Notwithstanding the great expense incurred in procuring this collection, we have determined to place them within the reach of all, and so offer them at popular prices. Below we give the name and description of each sort, but would direct attention to the **Colored Plate**, which is a faithful representation of them ($\frac{1}{3}$ natural size), being painted from nature by our own artist.

- No. 1. **GARDEN QUEEN.** Deep violet, reverse of petals silvery rose; a charming contrast of color.
- " 2. **CASHMERE.** Base of petals light crimson, upper part rich amber; a novel and distinct variety.
- " 3. **DAWN.** Delicate rosy blush, flowers of the largest size; undoubtedly a grand acquisition.
- " 4. **GOLDEN PLUME.** Drooping petals of a rich golden color, with a tuft of feathery petals in the centre.
- " 5. **LOUIS BOEHMER.** The **PINK Ostrich Plume** variety. For fuller description see page 116.
- " 6. **OMAR.** Rich deep crimson of the shade known as "ox blood red"; a variety of undoubted merit.
- " 7. **L'ANGELUS.** Deep rich purple, and a variety of great promise for garden or exhibition.
- " 8. **SUNRAY.** Rich yellow and light crimson; an exceedingly bright and attractive sort.
- " 9. **SANTA CLAUS.** Fleecy white, of the largest size and perfect form; the best in its color yet offered.

Price, any of the above, 40 cts. each, except **Louis Boehmer**, which is 60 cts., or **The Royal Japanese Chrysanthemums**, as shown on **Colored Plate** opposite, set of nine varieties for \$3.00. (If bought separately would cost \$3.80.)

